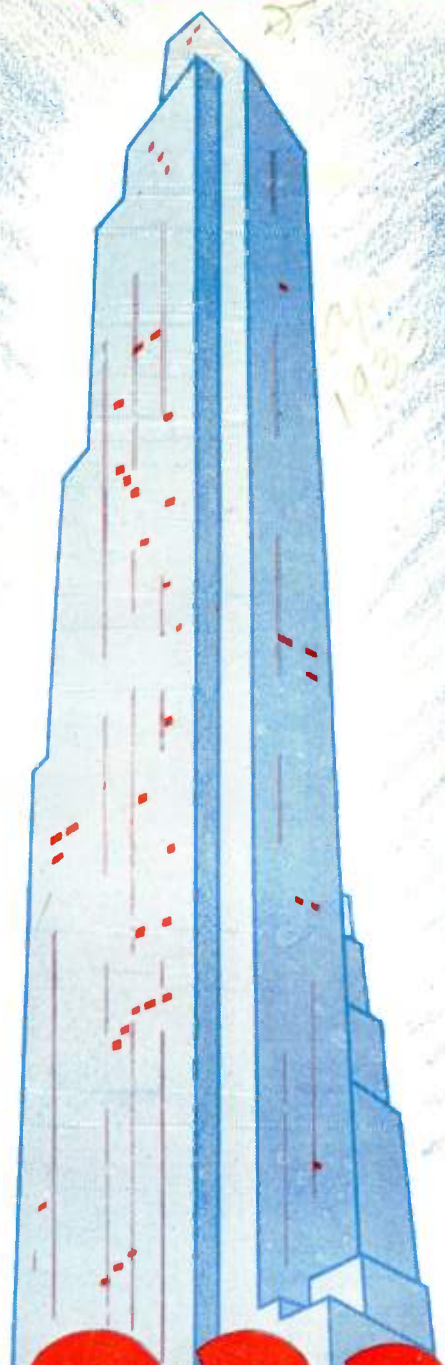
INFINITE VARIETY OF VALUES



1933

CATALOG

TRY-MO RADIO CO. INC.

85 CORTLANDT ST.
NEW YORK, N.Y.

GENERAL ELECTRIC *Presents-*

General Electric Universal A.C. and D.C. Receiver Using Dynamic Speaker

A compact small sized model provided with a true toned dynamic speaker and short wave extension. Receives police signals as well as broadcasts. Uses a four tube T.R.F. circuit operating on 110 volt A.C. or D.C.—any frequency. Chassis is of sheet steel producing extreme strength and rigidity with a weight of only 6½ lbs. Finished in attractive two toned tan lacquer. Answers all requirements of a personal radio in an extremely satisfactory manner. Measures 9⅝" x 6½" x 4⅝".

Cat. No. GE-14.
Our Price **$12.95**
Complete with tubes.

General Electric 5 Tube Superheterodyne

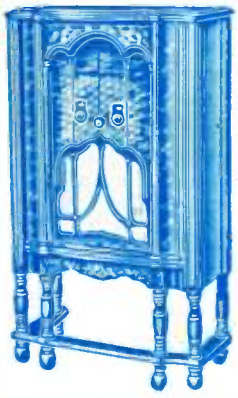
Answers all requirements for a personal and family radio. Mounted in an attractive Gothic cabinet, with two toned walnut front panel and striking grille design. Will harmonize with the surroundings of any home. Full sized—measures 13⅜" high, 11¼" wide and 7½" deep. Produces ample sensitivity with true toned quality. Will satisfy the most critical.

Circuit: refined 5 tube superheterodyne, employs latest tubes throughout. 1—'58, 1—'57, 1—2-A-7, 1—2-A-5 and 1—'80. Highly sensitive and selective. Satisfactory in all locations.

Complete with tubes.

Cat. No. GE-16.
Our Price **$24.95**

General Electric Console Model 6 Tube Super-Heterodyne



Produces perfect performance for any home, at a price in keeping with present day standards. Mounted in an attractive dark, walnut finished, six-legged console cabinet, early English period design. The equal in appearance and performance to many of the most expensive on the market.

Improved 6-tube Superheterodyne, using latest type tubes. Employs 2—'58's, 1—2-A-7, 1—2-B-7, 1—2-A-5, and 1—280 tube. Incorporates Automatic Volume Control reducing fading to an absolute minimum. The use of a matched electro-dynamic reproducer and baffle together with the 2-A-5 power tube and a tone control insure reproduction that will satisfy the most critical. Cabinet measures 40" high, 23¾" wide and 11" deep.

Complete with tubes.

Cat. No. GE-15.
Our Price **$49.95**

Latest Model G.E. Superheterodyne Automobile Radio

This latest superheterodyne auto receiver completely removes all obstacles to auto radio reception. Equal to that enjoyed in your home. An improved superheterodyne complete with automatic volume control together with the latest type tubes. Delivers unbelievable tone and sensitivity. Completely constructed in a single unit containing set chassis, dynamic speaker and power converter. Designed to fit all cars; mounts either side or back with a single stud.

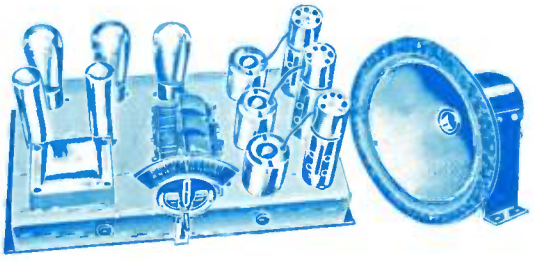
The circuit is a highly efficient super-het. Employs new dual function tubes. 1—6 A 7, 1—6 B 7, 1—'78 and 1—'89.

Incorporates automatic volume control. Supplies 1.5 watts of undistorted output—ample for all passengers to hear.

Cat. No. GE-17. Complete ready for installation.
Our Price **$34.95**
Complete with tubes.

The Two Greatest Radio Values of the Year!

6 TUBE CONSOLETTE MODELS



Cat. No. PCH-18, less tubes. Our Price .....
Cat. No. PCH-19, less tubes. Our Price **$12.95**
Complete Set of Tubes.....**$1.95** **Cabinet Only** **$3.95**

At last a full sized consolette receiver at the price of an A.C.-D.C. midget. Produces remarkable tone quality with ample sensitivity for all requirements. Employs a highly developed T.R.F. circuit using the latest type tubes, thus producing remarkable performance. Beautiful in appearance, will fit into any surroundings. Supplied in two distinctive cabinet designs.

Cat. No. PCH-18 A.C. Model — Incorporates the following tubes: 2—'58, 1—'57, 1—'56, 1—2A5 and 1—'80 tube. These tubes deliver 6 watts of undistorted output.

Cat. No. PCH-19 A.C. Model

Only the finest quality parts are used throughout the entire construction. A matched electro dynamic speaker mounted on a special built-in baffle handles the full output with realistic tone.

PRESSED WOOD INLAID CABINETS

Handsome walnut two tone finished cabinet created by craftsmen with a background of years of furniture building. Finely blended design with attractive pressed wood panels. Exquisitely moulded—the contours form a handsome unobtrusive design. Will harmonize with any home surroundings. Cabinet measures 35½ inches high, 21 inches wide, and 10¼ inches deep.

Prompt Service - Shipments within 24 Hours

RUSH ORDER BLANK

TRY-MO RADIO CO., INC.

85 CORTLANDT ST. - NEW YORK, N. Y.

Name

Street Address

City and State

Additional Shipping instructions

PLEASE SHIP BY

Express ☐
Freight ☐
Parcel Post ☐
Best Way ☐

NOTE

Be sure to include sufficient postage to cover shipping charges. Where postage is less than amount forwarded, we will return any differences. In cases where insufficient postage is sent, we reserve the right to ship orders EXPRESS COLLECT.

IMPORTANT! The C. O. D. fees are paid by the purchaser. WE ARE UNABLE TO ACCEPT ORDERS FOR LESS THAN $2.00. You may deduct 2% extra on Cash Remittances. Please do not ask us to send your order C. O. D. for the postage charges; these must be prepaid—any excessive amount sent us for postage is refunded. An additional 2% will be allowed on orders over $50.00, to help defray cost of transportation.
All C. O. D. orders must be accompanied by a 20% deposit. We pay parcel post insurance when remittance is paid in FULL.

Use Our Catalog No.			NAME OF DESIRED ARTICLE	Price Each		Extension	
Page	Cat. No.	Quant.					

I am in the market for the following—please quote me at once:

.....

.....

.....

TOTAL		
ALLOWANCE FOR POSTAGE OR EXPRESS		
GRAND TOTAL		

Years of Service

YEARS OF SERVICE to the world-wide radio trade has convinced us that the only true basis of business success is value and honesty. We have seen others come and go. Many have appeared to thrive for a time on a policy anything but honest — but not for long. Our business has grown to such proportions that we find it necessary to operate three large local wholesale outlets in addition to our world wide mail order service. A tremendous stock of quality merchandise is kept on hand at all times in our warehouses—ample to meet all demands. Your order will go forward in a few hours time—no long tiresome waiting for your order to arrive—but immediate service.

Guarantee

Each and every item is guaranteed to be exactly as listed. No seconds or damaged stock—brand new factory tested merchandise only. Each item a picked quality number. Approved by our staff for its quality and reliability. If for any reason you are dissatisfied —advise us within 10 days of receipt and we will allow credit in full on any other purchase, provided the merchandise is received by us in perfect condition, in original containers with shipping charges prepaid. Before returning merchandise for credit, kindly write us for authorized shipping instructions.

178 Greenwich St., N. Y. C.
179 Greenwich St., N. Y. C.
85 Cortlandt St., N. Y. C.

Among our thousands of satisfied customers are stations W.A.B.C., W.W.R.L., W.I.E.M., W.B.B.C., W.L.T.H., W.I.F.G., W.C.D.A., W.I.X.L.; nationally-known institutions such as BELL TELEPHONE Co., COLUMBIA BROADCASTING Co., NATIONAL BROADCASTING Co., FOX FILMS, PARAMOUNT PICTURES, M.G.M. PICTURES and many others equally well-known.
Bank Reference: Public National Bank, New York.

Rush Delivery Service

Our vast stock insures delivery in phenomenal time. In practically all cases the merchandise is packed and on its way in a few hours' time. We have special facilities which insure the prompt shipment of special equipment such as laboratory equipment, laboratory amplifiers, etc. Why be held up in your work—buy from TRY-MO and secure the apparatus immediately. A large stock of all nationally advertised equipment is kept in stock at all times. We are Radio Headquarters to the New York Trade—the most critical radio buyers in the world.

Technical Service

We maintain a staff of technical experts, each a specialist in his own line, who will be pleased to give you any information that you may require. Do not hesitate to write us—we can solve your problems. No question too complex. Let us solve your radio and public address problems. Specifications and quotations on any public address system or transmitter promptly and courteously furnished.

Lowest Prices

Our aim is not to meet competitive prices—but to beat them. To give you the most value for each dollar. Our tremendous buying power guarantees the greatest values you can secure in radio and electrical merchandise. Tremendous quantity purchases—to meet the international mail order demand and three large local outlets guarantees prices far below others. We will duplicate any competitive item at the same price or in practically all cases a much better price. Let us quote you on your needs.

We Do Not Substitute

No doubt you have been often disappointed by substitution. The house that advertises one item—and sends you another. Who unloads "junk" at the prices of good merchandise. Who will give no adjustment whatsoever if merchandise is not as quoted. We pledge, in keeping with our policy of satisfaction, to refund your money in full if any item you purchase is not exactly as described. We defy anyone to give a guarantee that is fairer or broader than this.

Quality M'dse.

Our merchandise is all brand new fresh stock, each item triple tested by technical experts to insure absolute perfection. The pick of the market. We do not deal in "seconds" or damaged equipment. For your protection we state publicly and without fear of contradiction that this always has been and always will be our policy. Each item carries the manufacturer's original markings—it has not been changed or its ratings altered in any respect whatsoever.

Everything in Stock

Contrary to many other Mail Order Houses, we carry a great quantity of merchandise in stock. All items are on hand to fill your orders promptly. Remember—if you do not see an item listed in our catalog it is merely due to lack of space. We can secure any item at the same or better price than any other concern. Our gigantic quarters enables us to stock every worthwhile radio replacement part item in the industry. Don't fail to make TRY-MO your headquarters for every need—whether catalogued or otherwise.

Please Read This Before Ordering

TERMS:
Strictly cash. Our enormous purchasing power enables us to offer you the lowest prices obtainable anywhere.
C.O.D. orders at least 20% deposit is required, balance C.O.D.
If check, please certify to insure prompt delivery. If there are any reductions in price of any item after publication of this catalog, the difference will be deducted from your order. We try to serve our customers in every way possible. Prices are subject to change without notice.

HOW TO ORDER:
Write plainly on enclosed order blank, using catalog and page numbers. Enclose remittances with post office or express money order, check or draft. Due to the fact that we carry the most complete stock of radio parts in the country, we do not have to resort to substitutions.

SHIPPING:
When ordering, kindly state whether we shall ship via parcel post, express or freight. Any excess amount paid us for carrying charges will be refunded. If shipping charges are not sent with order, merchandise will be forwarded charges collect.

TERMS ON FOREIGN SHIPMENTS:
Establish irrevocable letter of credit in our favor for the full amount of the order, at New York Exchange, less 2% cash discount, and include consular fees, insurance, ocean freight and forwarding charges ($3). Credit to be established at a New York City bank and payable to us against a sight draft with all negotiable papers attached. Nominal charge for export packing. F. A. S., N. Y.

FOREIGN PARCEL POST SHIPMENTS:
Send full remittance with order less cash discount. Also include parcel post and consular charges. Advise us whether shipments shall go forward registered or ordinary parcel post.

RETURN MERCHANDISE:
In returning merchandise, please ask for authorization. All merchandise must be returned via parcel post or express, all charges prepaid.

DAMAGE IN TRANSIT:
Extreme care is taken in packing all shipments, and same is delivered to transportation company in good condition, for which we receive a clear receipt. File a claim promptly with carrier for any damaged goods delivered to you.

See Page 106 for Quick Reference Index

POWERTONE
7 TUBE CONSOLETTE

Features That Mean Something

- ★ Perfect Tone Reproduction
- ★ Parallel Pentode Output
- ★ Tone Control and Tone Compensator
- ★ High Gain R.F. Circuit
- ★ Latest Type Tubes (3—58, 1—24, 2—47, 1—80)
- ★ Very Selective

Cabinet.—Created by "Sonora" makers of the finest cabinet furniture. A background of many years experience have taught them the craftsmanship and exquisite design of console cabinets. It is a beautiful handcarved, walnut finished Jacobean console, and will fit into any surroundings.

Efficient Chassis Design.—Chassis design represents the best of present day practice. A selective T.R.F. circuit is used—proven by laboratory tests to produce the finest tone quality with ample sensitivity. Highly selective—cuts down interfcrence to an absolute minimum. Capable of consistent long distant reception—bridges vast distances regularly.

Perfect Tube Arrangement—The use of vari-mu tubes eliminates cross talk and entirely prevents blocking on strong signals. Dual 247 pentodes supply a tremendous amount of volume, entirely free from distortion.
Shielding—Shielded chassis construction produces stable performance with extreme mechanical strength.

Perfect Tone Quality.—The tone quality of the receiver is second to none. A full sized dynamic speaker reproduces speech and music with absolute fidelity of tone. The tone control enables the listener to choose any pitch of tone required. Shipping weight 100 lbs.

Vernier Illuminated Dial—
Extremely easy to tune. Stations are quickly found on the clear, full-vision illuminated dial. A suitable ratio has been chosen to provide ideal vernier action.

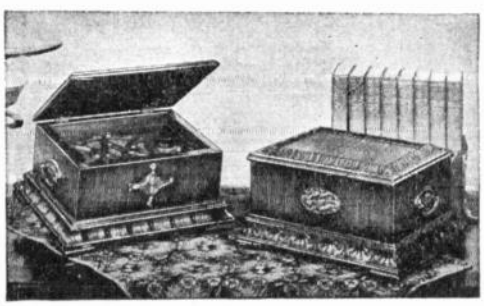
Cat. No. 4101. Powertone Consolette, completely wired, tested, with RCA licensed tubes and dynamic speaker, all ready to operate. Our Price .....

$17.95 WITH TUBES

The New Companionette Radio Receivers

A.C. and D.C. 110 Volt 25 to 60 Cycles

De Luxe Chest Model



An exquisitely designed table chest—attractively carved and inlaid. Built by furniture craftsmen. Will harmonize with the finest surroundings. Ideal for the living room table. Finished in lightly polished walnut. In appearance it resembles a treasure chest or music box—complete with bronze handles. The cover can be lowered when the radio is not in use, making the set unobtrusive. Measures 6¼" high, 9¼" deep, 11½" wide.

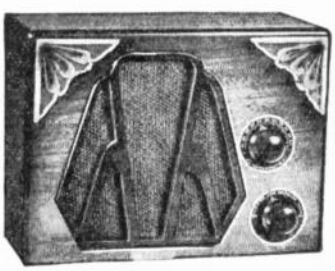
The radio chassis employs the latest refinements known to the art. New super powered tubes are used throughout, together with a special circuit which insures ample sensitivity with the built-in aerial. Full resonant tone is secured with the new power tube, and special 6" speaker employed.

FEATURES:

- ★ Exquisite carved and inlaid walnut finished cabinet—harmonizes with any surrounding.
- ★ A.C.-D.C. operation, will operate anywhere.
- ★ No aerial required—no messy wires or cables to mar the surroundings.
- ★ Perfect tone quality secured by a special power tube and matched speaker.

Cat. No. UR-3604.
Our Price, Complete with Tubes..... $13.50

Ideal Personal Radio



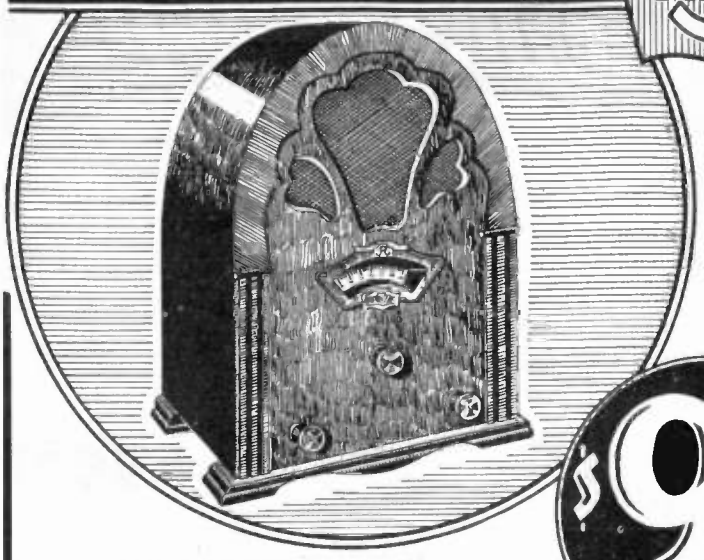
This is the latest companionette midget receiver designed to operate anywhere that a light socket plug is available. May be used in 110 volt A.C. or D.C.—25 to 60 cycles.
Designed to fill all requirements of a small radio. Ideal for use in the home, cottage, or by travellers. The receiver employs a new highly developed circuit providing ample sensitivity for all needs. Latest tubes are employed throughout.
Great care has been taken to properly match the speaker to the cabinet, thus securing full resonant tone so essential to satisfactory radio reception.
The receiver chassis has been specially treated to prevent rusting. It is mounted in an attractive, smartly designed cabinet in two-toned walnut with hand rubbed finish. The cabinet is beautifully decorated with an attractive overlay. Measures 8½" long, 6¼" high, 3½" deep. Weight 6¼ lbs.

Cat. No. UR-3605.
Our Price Complete with Tubes **$10.50**

Cat. No. UR-3606. Fleece-lined carrying case with zipper opening. A great convenience to travellers. **$1.00**

We Guarantee to MEET or BEAT competition-

RELIABLE 5 TUBES MIDGET



Imagine!!!

A Complete A.C. Electric Receiver being sold for so low a price.

Contains all 1933 Developments

- New Triple Grid Multi-Mu Tubes
- Power Pentode Output
- Full Vision Slow Motion Dial
- Latest Designed Audio System
- Specially Designed Filter Circuit
- Full sized Dynamic Speaker
- Quiet Humless Reception

$9.95 COMPLETE WITH TUBES

Cat. No. AR-5102.

Our Leader!

This is perhaps the most complete receiver ever manufactured; contains features of the most expensive midget receivers now on the market. Housed in a beautiful cabinet of selected woods. The circuit is newly developed and one of the most efficient ever designed. Employs the following tubes: 1—'58, 1—'57, 2—'47's, 1—280. It has a high gain per stage without the usual cross talk or interference between stages. The Audio system consists of two pentodes which result in a tremendous amount of power.

Assured Performance

Quality has not been sacrificed to attain this low price.
Every item used in the manufacture of these receivers is guaranteed to be perfect.

New Special Design Power Detector

With the 57 acting as detector this set will handle enormous volume without distortion and yet is far more sensitive than the old grid leak and condenser method of detection.

Full Range Speaker

A dynamic speaker designed for use with the output of the two Pentodes. It assures faithful, full-throated reproduction of all music and speech broadcasts. Will reproduce the entire register faithfully.

Filter Circuit

The filter circuit contains 16 mfd. of high grade electrolytic condensers in a brute force design. The most efficient filter yet designed. Absolutely no hum.

Constant Voltages

The voltage divider system is so designed as to always furnish steady voltages to all tubes, due to the ingenious drop system employed.

Full Shielding

The chassis is fully shielded. Every new feature is built in this receiver. A carefully designed, well planned, capably-built receiver.

Cat. No. AR-5102.

$995

Complete with Tubes.

POWERTONE UNIVERSAL A.C.--D.C. MIDGET 5 TUBE RECEIVER KITS

Why Buy a Universal Receiver? Save Money and Build Your Own! Put your spare time to profitable use!

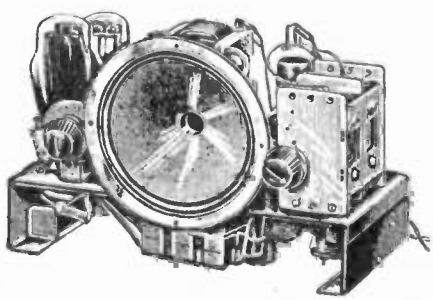
This most popular design employs latest high efficiency tubes, thus assuring the utmost in performance. A special circuit has been developed by our engineering staff who are in constant touch with technical developments throughout the world. Don't purchase an obsolete kit sold at "bargain" price!

Complete kit comprises the following:—
Powertest Certified parts.
Drilled metal chassis.
Set of matched licensed tubes.
Tuning condenser.
Dynamic speaker.
Fixed Mica and Paper condensers.
Over-size resistors, etc.

All apparatus down to the last bolt and nut is furnished. A set of instructions and a clear diagram is furnished with each kit. Even a novice can wire it.

FEATURES FOUND IN NO OTHER MAKE—

★ Local reception without an aerial—500 mile range on a 50 ft. aerial. High gain circuit insures selectivity and sensitivity far surpassing any other set in its class.
★ Rich vibrant tone—secured by the use of an oversize dynamic speaker properly designed to function with the cabinet as an ideal baffle. Responds perfectly to high and low frequencies.
★ All tubes operate at full efficiency. Proper voltage is secured in all circuits by means of the refined voltage rectification circuit operating with the 25 Z 5 rectifier. Thus the maximum capabilities of the circuit is realized.
★ Newest tubes used throughout insures entire satisfaction—performance exceeds many table model sets. Tubes used include the '43 high output small envelope power amplifier which delivers greater output than a 245 with an amplification factor twenty times as great. The use of the 25 Z 5 insures adequate power for all needs.
★ Conservative design of all power-pack parts insures freedom from service cost.
★ Extremely compact in size. May be used anywhere. Can be packed in bag or in small leatherette case. A great convenience to travelers, salesmen, campers, etc.



Cat. No. UR-5104. Complete Kit includes all parts, Matched Speaker, Tubes, and Diagram. Our Price **$11.50**

Cat. No. 5105. Special Cabinet. Our Price **$1.50**

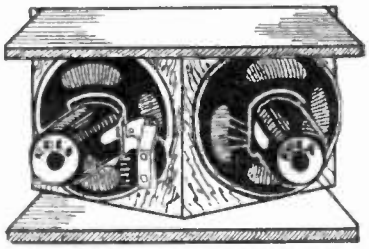
Cat. No. UR-5106. Kit, less Speaker, Tubes, or Cabinet. Our Price **$7.95**

Cat. No. 5107. Cost of Diagram Only (Free with Kit) **10c**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

POWERTONE 10 TUBE Superheterodyne

Powertone engineers are pleased to present this latest super powered receiver to the American public. A worthy addition to the famous line of nationally-known POWERTONE products. Radically new from top to bottom. Employs 1933 tubes and circuit design for truly modern reception. The special super-heterodyne circuit produces knife-edge 10 K.C. selectivity without distortion. The advance design of the Class "B" audio amplifier and dual speaker chassis produces full auditorium volume with true tonal quality. An automatic volume control greatly reduces fading and makes possible satisfactory long distance reception. Complete with visual tuning dial and intensity indicator used in all custom built models.



Cat. No. SR—3601.— Complete with Cunningham Tubes (6 mos. guarantee). Our Price **$35.85**

Cat. No. SR-3600.— (Less Tubes). Our Price **$27.50**

CIRCUIT

Specially developed super-heterodyne—carefully shielded. Extremely stable in operation. Uses latest R.C.A. super control tubes throughout. Guarantees 10 K.C. selectivity with tremendous amplification for coast to coast reception. Operates with automatic volume control (55) detector tube, and reduces fading to an absolute minimum. Provides satisfactory long distance reception with any good aerial. An advanced Class "B" amplifier produces ample volume output with a degree of tonal fidelity that satisfies the most critical.

AUDIO SYSTEM

Powertone engineers have again triumphed. They have applied the auditorium Class "B" audio system to this super powered receiver—and the two together make an unbeatable combination. There is ample volume for all requirements whether hall or house is to be served. Pure realistic tone is secured at any volume desired—can be fully controlled from a 20 watt output to a mere whisper. A tone control adjusts the pitch to your ear.

MATCHED SPEAKERS

While most people do not realize it—the old saying, "A chain is no stronger than its weakest link," applies particularly to radio. Instead of attempting to feed the full output of this super powered set into a small midget speaker as the average manufacturer does, *Powertone* has developed a *special* dual speaker and baffle. The speakers are specially balanced to provide true lifelike reproduction, and will handle the full output without rattle or distortion.

GENERAL SPECIFICATIONS

Designed with great care. Strong mechanically—with oversize parts to produce long, trouble free service. All parts are the best the industry affords. Protected against moisture and climatic effects. These refinements are your guarantee of trouble free operation and long service.

Powertone 7 Tube Super-Heterodyne Kit

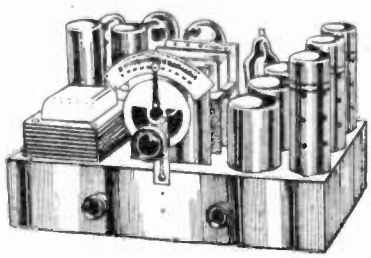
Why Not Obtain Ultra-Modern Performance?

This popular 7 tube super-heterodyne design guarantees extreme sensitivity with good selectivity. Extremely sharp tuning is at last a fact. Ideal for use where local stations are in your vicinity. The latest R.C.A. tubes are used throughout—one '56, two '58, two '57, one '47 and one '80.

The circuit design employed is the equivalent in performance to that used in the majority of expensive receivers today. A splendid opportunity for the serviceman to assemble this kit and resell at a handsome profit. Supplied complete with formed and drilled sub-base and can be assembled in a short time with a minimum of labor.

PARTS FURNISHED:

1 Special Three Gang Condenser (Cut Tracking Section).
1 Set Coils (Antenna, R.F., Two I.F. and Oscillator, R.F. Choke).
1 10,000 ohm Potentiometer Volume Control.
1 Triple .1 mfd. By-Pass Unit Condenser.
3 .1 mfd. Condensers.
1 .5 mfd. Condenser.
1 .00025 mfd. Mica Condenser.
1 .05 mfd. Condenser.
1 .00075 mfd. Mica Condenser.
2 8 mfd. Electrolytic Filter Condensers.
8 Wafer Sockets (one for speaker).
1 Special Powertone Transformer.
1 250 ohm 5 watt Resistor.
10 R.M.A. Coded Resistors—200-10,000-6,000-40,000-6,000-12,500-12,500-50,000-500,000-500,000.
1 Drilled and Cut Chassis.
1 Set Hardware, including all Tube Shields, Nuts, Screws, Lugs, etc.
1 Cord and Plug.
Requires 2500 ohm Field Dynamic Speaker for operation. Uses 1-56, 2-58, 2-57, 1-47 and 1-80.



Cat. No. 5003. Complete kit of parts, less tubes and dynamic speaker. Our Price **$16.95**

Set of R.C.A. Licensed Tubes. Our Price **$5.95**

Cat. No. 5003-W. WIRING EXTRA. Our Price **$3.50**

Everything *from a* Binding Post *to a* Transmitter

FOR THE SET BUILDER

Combination Short Wave and Broadcast Receiver

80 to 550 Meters

At last a truly efficient short wave and broadcast receiver in one—requires no plug-in coils.

Receives police—amateur—broadcast—television—experimental and commercial stations. A compact low loss wave change switch controlled from the panel divides the range into two easy tuning bands, 80-200 and 200 to 550 meters.

Employs super control R.F. tubes, with screen grid linear detector and a 47 pentode tube. Highly efficient on both long and short waves. Well constructed throughout and backed by the Powertone name—your pledge of satisfaction.

PARTS FURNISHED:

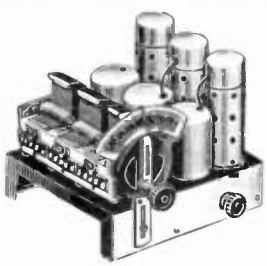
3 Special R.F. Transformers.
1 Special Triple Gang Condenser with trimmer controls.
1 Powertone Special Power Transformer.
6 Wafer Sockets.
1 Special Speaker Plug.
5 .1 mfd. Fixed Condensers.
1 .01 mfd. Fixed Condenser.
1 .0015 Mica Condenser.
2 8mfd. Electrolytic Condensers.
1 30 ohm Potentiometer.
1 5000 ohm Potentiometer—Volume Control.
9 R.M.A. Coded Resistors—600, 2000, 4000, 6000 ohms; .03, .25, .5, .25, .5 meg.
1 2000 ohm 5 watt Resistor.
Chassis—Drilled and Cut (no further work required).
1 Set Hardware, Shields, Grommets, Lugs, etc.
1 Plug and Cord.
Blueprint and set of instructions

Uses 2-35, 1-24, 1-47 and 1-80
Cat. No. 5001. Price (Kit)..... **$12.95**

An exceptional value and a most complete kit for the ambitious radio amateur.

Wiring	**$3.00**
Dynamic Speaker	**2.95**
RCA Licensed Tubes	**2.75**

Powertone 3 Tube T.R.F. Tuner



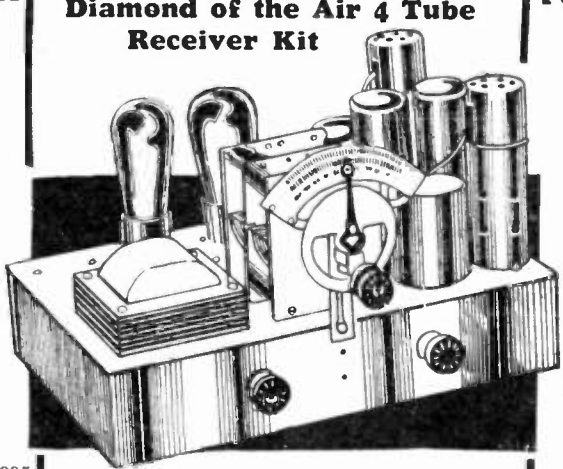
Powertone is pleased to present this new tuner. Ideal for use as a pickup source for your Public Address System, or for any type of amplifier in the home. Extremely stable in operation. Sharp tuning and yet does not cut sidebands. Latest tubes used throughout. Type '58 in the R.F. stages remarkable gain at no sacrifice of selectivity. A '56 linear power detector handles ample power without distortion. For installations where the amplifier is remote from the tuner, a coupling transformer can be supplied at a small additional cost. Fully shielded—mounted on a plated metal chassis base. Complete as illustrated with illuminated full vision dial.

Uses 2—258, 1—56 type tubes. These tubes were chosen for their high gain and their sensitive response to weak signals.

Features:
Hammarlund 3 gang tuning condenser
High gain T.R.F. shielded coils
Solid and rigid construction
Illuminated dial
Unusually sensitive

Cat. No. TRF-1965. 3 tube T.R.F. tuner wired and assembled, less tubes... **$6.95**
Cat. No. TRF-1966. Complete kit of parts..... **$5.95**
Cat. No. 1966-A. 3 matched R.C.A. Licensed Tubes. Our Price **$1.50**

Diamond of the Air 4 Tube Receiver Kit



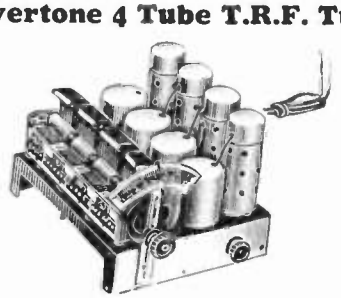
A radically different receiver—in circuit layout and performance. The circuit is extremely high gain. Due to a new ultra efficient transformer system employed there is ample coupling to realize the full amplification possibilities of the tubes used. Extremely stable in performance. Build this excellent receiver and secure peak performance superior to any in its class.

Features that mean something:
★ Latest Super Control Tubes—produce unrivalled performance.
★ Radically new and high efficient circuit.
★ Power Pentode Output.

All necessary parts down to the last nut and bolt are included in the kit. Carefully selected for optimum performance and long life. Sub-base is entirely machined—parts can be assembled with a minimum of effort. Complete with detailed blueprint—may be assembled by anyone. Less dynamic speaker.

Cat. No. DA-3602.
Kit of Parts less speaker..... **$8.95**
Cat. No. SD-3602A.
Matched Dynamic Speaker..... **$2.95**
Factory assembled and wired..... **$2.00**
R C A Licensed tubes.....**$2.00 extra**

Powertone 4 Tube T.R.F. Tuner



Designed for exacting public address and home radio installation. This tuner was primarily constructed to produce ample sensitivity for all needs. Selective—yet will not cut the side bands so essential to true-toned musical reproduction. Employs the new '58 series tubes as R.F. amplifiers, and the '56 as a linear power detector—handling ample signal energy without blocking. Output standard high impedance—4000 ohms. A matching transformer which is used with the tuner when remotely connected may be supplied at a nominal charge.

All component parts are the best that the market affords, including genuine Hammarlund tuning condensers and full-vision illuminated dial.

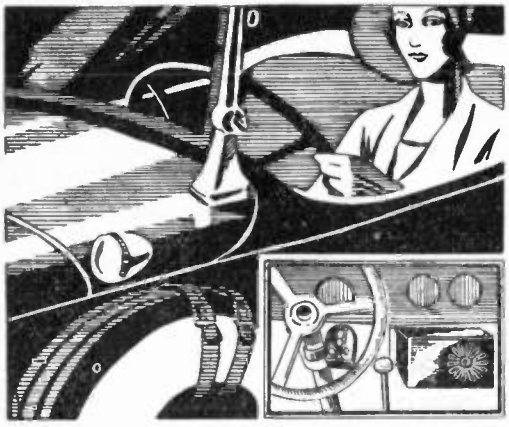
Uses 3-58 and 1-58 tubes.

Features:
Hammarlund 4 gang tuning condenser
High gain shielded R.F. coils
Solid metal construction
4 tubes—more selectivity

Cat. No. TRF-1967.
Tuner, wired and tested less tubes..... **$8.95**
Cat. No. TRF-1968. Complete kit of parts and detailed blueprints..... **$7.45**
Price Complete set of matched R.C.A. Licensed tubes. **$1.95**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Powertone Automobile Receiver



At Lowest Price Ever Quoted!

A compact and efficient auto receiver. An unusual feature is the installation of the speaker in the receiver cabinet thus greatly simplifying installation labor and taking less leg space. Requires but three holes in dash board. Due to the high-gain circuit employed ample power is available for reception at a distance from the broadcast stations. Built for long life — trouble free service. Entirely controlled from steering column. Vernier-tuning. Smooth volume adjustment insures utmost in satisfaction. Circuit designed for equal efficiency on all points of dial—no dead spots.

VOLUME

The volume of the POWERTONE AUTO RADIO is equivalent to any other six or seven tube auto radio. It incorporates a tuned radio frequency circuit using two No. 39 tubes, one No. 36 and one No. 41 tube (new type) arranged with a semi-automatic volume control. It is also equipped with a 6" Dynamic Speaker and all cables are shielded.

EASY TO HOOK UP

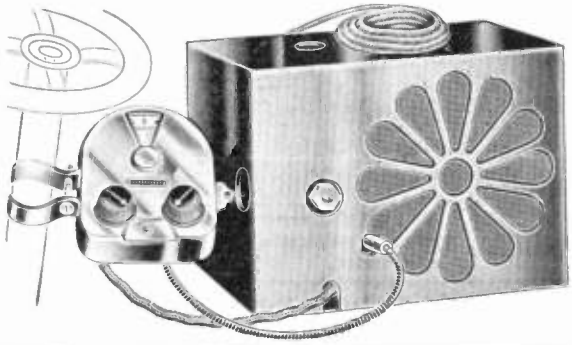
Only three connections are required to hook up the POWERTONE AUTO RADIO—one connection to "A" Battery, one to "B" Battery and the other to Ground. It is also constructed to operate on any "B" Battery Eliminator, using the same installation.
The remote control is wired up to the set and all ready to be clamped on to the steering column.

REMOTE CONTROL

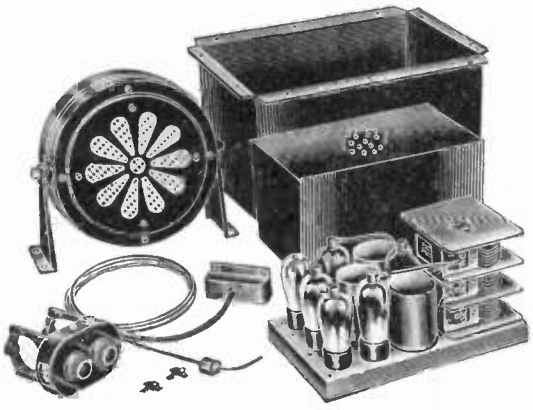
The Remote Control is Chromium Plated, equipped with a Central Laboratory Volume Control, Pilot Light, also key and switch combination. The numerals on the dial are very distinct. Installation instructions are furnished with each set.

RUST PROOF

The chassis is mounted into an all steel outer case—all Cadmium Plated and properly shielded. Will not corrode or rust.
This set is so constructed that it draws very little current from "A" and "B" Batteries.
Sold complete with Remote Control—Chromium finish—also TUBES—individually packed.
Cat. No. AR2316. Price complete with tubes **$17.95**



POWERTONE AUTOMOBILE RADIO



Complete with speaker, tubes, suppressors & condensers

At New Low Price—
Pentode Output—Dynamic Speaker

Represents the latest development in receiver design employed in the new 1933 receiving sets. The most compact set yet devised. The installation is the easiest of all auto radio receivers. The tubes used are designed to operate efficiently over a filament voltage range of from 6 to 7.5 volts dependant upon the condition of the car battery, thus insuring that the reception will not suffer from a discharged battery. A full range Utah Dynamic Speaker provided with set is the "self-baffling" type which permits equal resopnse to the low as well as high frequencies.

Power supply for the tubes is obtained from the six volt ignition and lighting, battery of the car itself and from four large "B" batteries housed in a metal case beneath the floor boards. Each battery lead is filtered so as to prevent the introduction of ignition interference through the supply leads.

Embodies All 1933 Improvements

- ★ **Employs the latest and newest Automobile type tubes—3—'36, 1—'37, & 2—'38 in Push-Pull**
- ★ **Has a Power Pentode Output**
- ★ **A full range Utah or Magnavox Dynamic Speaker**
- ★ **Special Utah remote control arrangement insures against backlash**
- ★ **Tone quality equivalent to that in the best receivers**
- ★ **Unusual Ignition Suppressor System**

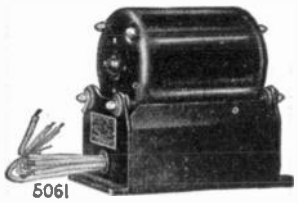
Cat. No. 2100.

$29.95

Prompt Service - Shipments within 24 Hours

AUTOMOBILE RADIO ACCESSORIES

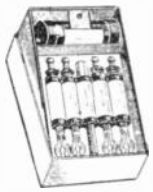
Emerson Auto "B" Power Eliminator



Entirely eliminates the frequent replacement of "B" batteries in auto installations. Also may be used for the same purpose where a farm lighting system is available. For this purpose a dropping resistor is needed at $2.25 extra. The unit constitutes a highly developed motor generator—delivers smooth, steady "B" power. A hum filter unit is mounted in the base. Results are in every way equivalent to the same set operating on "B" batteries. The unit delivers 180 volts at 40 M.A. load current, ample for practically all sets. A 90 Volt tap is provided to operate the detector. Ideal for use with portable public address systems of small size. Voltage can be reduced by means of series resistors to any desired value. Let us know your requirements and we will specify proper resistor values. Requires no upkeep—merely a few drops of oil once a year.

Cat. No. BE-2102. Our Price **$13.15**

Auto Suppressor Kits for 4, 6 and 8 Cylinder Cars



The most popular kit on the market. Insures satisfaction—no noise—special resistance material does not depreciate with age. Not affected by heat or climatic conditions. Can be attached in a few minutes. Fool-proof. Secure the most in service from your auto receiver. Your first cost is the last. Made especially for us by one of the largest manufacturers of resistors in the world. Complete with distributor suppressors.

Cat. No. AK-5245. 4 Cylinder Our Price **$1.35**

Cat. No. AK-5245A. 6 Cylinder Our Price **$1.75**

Cat. No. AK-5245B. 8 Cylinder Our Price **$2.25**

Condenser Generator Suppressor

Essential to any auto radio installation. Designed to mount on the generator frame with single wire connection. Can be connected with only a screw-driver. Effective and mechanically correct. Long life is assured by means of a special insulated material not affected by heat, oil or moisture. Insures the correct degree of damping yet does not affect car performance.

Cat. No. GS-706. .5 mfd. Our Price **29c**

Cat. No. GS-706-A. 1.0 mfd. Our Price **29c**

Distributor Suppressor

A quality suppressor. Easily installed. Merely cut the wire to the common pole of the distributor. Screw the device in each end of the wire. No tools required. A tight connection is assured by the special shank construction. A real value!

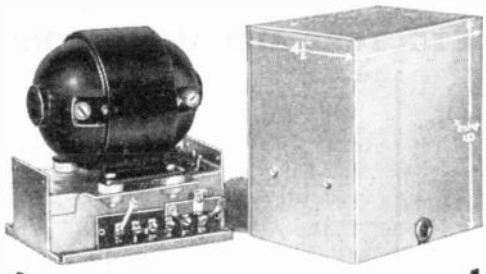
Cat. No. DS-707. Our Price **19c**

Spark Plug Suppressor

These jiffy connecting spark plug suppressors have been designed to provide satisfaction which is lasting. Specially fused, the material is permanent. Merely disconnect the wire from the spark plug—clip on suppressor—insert lead in end and the job is done. Oversize brass shank insures perfect connection, long life.

Cat. No. SS-708. Our Price **19c**

Powertone Genemotor



Make your auto or farm reception less expensive and full powered at all times. Don't be bothered by run down batteries—secure peak efficiency continuously. Install the Powertone Genemotor and your troubles are over.

The unit is a miniature motor generator highly developed with the proven principles, used in the high powered generators in the power houses and central stations. The unit is carefully built with multi-segmented commutators and a built in filter. Delivers steady smooth power output for all requirements. Conservatively designed. Will stand a 25% overload without damage. Bearings are designed to be self lubricated, and are of ample size to minimize wear, and insure permanent alignment. Measure 4½" by 6". Shipping weight 16 lbs.

6 VOLT MODELS

Cat. No.	Power Rating	Int. Tap.	Price
G-715.	135 v. D.C. 30 M.A.	67½ volts	$12.35
G-716.	180 v. D.C. 30 M.A.	90 volts	$12.35

32 VOLT FARM LIGHTING TYPE

Cat. No.	Power Rating	Int. Tap.	Price
G-717.	135 v. D.C.	67½ volts	$12.35
G-718.	180 v. D.C.	90 volts	$12.35

Flexible Copper Shielding

A high grade tinned copper shielding. Used extensively to shield battery, power and audio circuit connecting cables. Simply choose the right size. Slip over the wire which you are using. Very popular for auto radio cable shielding. Can be soldered readily.

	Inside Diameter	Price Per Ft.	Price Per 100 Ft.
Cat. No. 711	¼"	5c	4.35
Cat. No. 712	⅜"	6c	5.85
Cat. No. 713	½"	8c	7.95
Cat. No. 714	1"	10c	$9.85

Speaker Can

Handsome black enamel finish. Screen grill to prevent diaphragm damage. Ample size to accommodate most magnetic or midget dynamic speaker chassis. Simple mounting arrangement. Diameter 9¼", 6" deep.

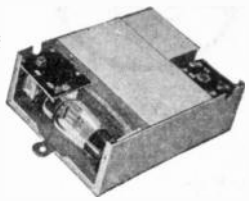
Cat. No. SC-710 Our Price **50c**

Remote Control Cable

A necessity in the construction and the replacement of remote control devices in radio apparatus. Ideal for use as a flexible drive for converters, motors, etc. Supplied in 21" lengths only. If a longer cable is required connect a number together to any required length. No backlash. Substantially constructed to minimize wear.

Cat. No. 5240. ..... **45c**

Electronic Auto "B" Eliminator



Recommended by leading engineers for auto installation. Fool-proof—no rotary parts to wear. Employs the famous Electronic rectifier which successfully withstands tremendous overloads. Ample output to operate any auto set. Merely select the correct unit. Small in size, may be operated in any position—horizontal or vertical. Usually installed in tool compartment, on dash board, or behind rear seat. Specified by many of the leading auto manufacturers. Supplied—kit or assembled. A blue print and a complete set of instructions are furnished for quick assembly.

- ★ Provides constant voltage and current at all times.
- ★ Eliminates replacement of batteries—quickly paying for itself.
- ★ No rotary parts to require oiling or adjustment.
- ★ Nothing to wear out.
- ★ Does not set up interference—as quiet as fresh "B" batteries.
- ★ Guaranteed under R.M.A. standards.

Supplies 180 Volts at 35 M.A. or 135 Volts at 46 M.A.

Cat. No. BE-2103 Kit of parts With Rectifier tube. Our Price **$8.23**

Cat. No. BE-2104. Assembled With Rectifier Tube. Our Price **$9.98**

I.C.A. Undercar Antenna

High efficiency and ease of installation characterize this aerial. May be readily mounted by anyone. The ideal type. Placed under the running board, it is out of the way—will not mar the appearance of the finest car. Placement prevents undesirable pickup from ignition system—shields from trolley and electric cable interference. Widely used throughout the country. The deluxe antenna for all-wave reception. Specially treated to insure perfect insulation under all weather conditions. Positively will not short circuit.

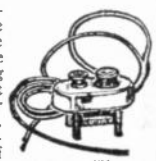
Cat. No. 2105. Our Price **$1.77**

Underslung Car Aerial

Fastens from one axle to the other. An effective aerial which may be installed in a few moments. Heavily insulated. Will not short out in damp weather. A shielded lead is included to prevent ignition interference pick-up. A certified product.

Cat. No. 1667. Our Price **75c**

Utah Remote Tuning and Volume Control



This neat control panel is designed to clamp on to the steering column and provide full auto radio control. Unique construction conserves leg space. In appearance the unit is unobtrusive—suitable for installation on the finest car. Tuning indicator is illuminated drum mounted in end of assembly—easy to read day or night. The entire set is controlled by means of a key switch—it can never be tampered with or left on by mistake. This feature alone will save the cost of the unit many times over. Installed in a few moments. No drilling required. Finished in handsome black enamel. Complete ready to stall.

Cat. No. RC-709. Our Price **$3.95**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

RCA Cunningham RADIO TUBES

For many years R.C.A. and Cunningham have led the field in the manufacture of quality radio tubes. Where both these concerns have led others have followed. They have been considered as the standard. Every R.C.A. and Cunningham tube has been triple tested before shipping.
The list below represents all tubes released to the present day. If any tubes are released after this catalog has gone to press write us and we will quote you the lowest price.

R.C.A. & Cunningham Tubes are guaranteed for a period of 90 days

DETECTORS AND AMPLIFIERS

2-A-7— Radio Frequency Converter. 2.5 volt filament..**$1.29**

2-B-7— Diode Detector R.F. Amplifier. 2.5 volt filament..**$1.18**

6-A-7— Radio Frequency Converter. 6.3 volt filament..**$1.29**

6-B-7— Diode Detector A.F. Amplifier. 6.3 volt filament..**$1.18**

201-A— Detector and Amplifier. 5.0 volt filament....**47c**

112-A— Detector and Amplifier. 5.0 volt filament....**76c**

222— Radio Frequency Amplifier. 3.3 volt filament...**$1.18**

224-A— Radio Frequency Amplifier. 2.5 volt filament....**82c**

226— Amplifier. 1.5 volt filament....**50c**

227— Amplifier. 2.5 volt filament....**62c**

230— Detector and Amplifier. 2.0 volt filament....**76c**

232— Radio Frequency Amplifier. 2.0 volt filament...**$1.12**

234— Super Control R.F. Amplifier. 2.0 volt filament...**$1.26**

235— Super Control R.F. Amplifier. 2.5 volt filament....**88c**

236— Radio Frequency Amplifier. 6.3 volt filament...**$1.06**

237— Amplifier. 6.3 volt filament....**83c**

239— Super Control R.F. Amplifier. 6.3 volt filament...**$1.06**

44— Super Control R.F. Amplifier. 6.3 volt filament..**$1.62**

55— Diode Detector Amplifier. 2.5 volt filament....**94c**

56— Amplifier. 2.5 volt filament....**71c**

57— Radio Frequency Amplifier. 2.5 volt filament....**97c**

58— Super Control R.F. Amplifier. 2.5 volt filament....**97c**

75— Diode Detector Amplifier. 6.3 volt filament....**94c**

77— Radio Frequency Amplifier. 6.3 volt filament...**$1.06**

78— Super Control R.F. Amplifier. 6.3 volt filament...**$1.06**

85— Diode Detector Amplifier. 6.3 volt filament....**94c**

UY— 199 Detector or Amplifier. 3.3 volt filament...**$1.32**

864— Amplifier. 1.1 volt filament...**$1.23**

UX— 199 Detector or Amplifier. 3.3 volt filament....**88c**

POWER AMPLIFIERS

2-A-3— Power Amplifier. 2.5 volt filament..**$2.35**

2-A-5— Power Amplifier. 2.5 volt filament....**94c**

210— Power Amplifier. 7.5 volt filament..**$2.94**

120— Power Amplifier. 3.3 volt filament..**$1.76**

231— Power Amplifier. 2.0 volt filament....**76c**

233— Power Pentode Amplifier. 2.0 volt filament..**$1.24**

238— Power Amplifier. 2.0 volt filament....**94c**

41— Power Amplifier. 6.3 volt filament....**94c**

42— Power Amplifier. 6.3 volt filament....**94c**

43— Power Amplifier. 25.0 volt filament.**$1.47**

245— Power Amplifier. 2.5 volt filament....**68c**

46— Power Amplifier, Class "B." 2.5 volt filament....**91c**

47— Power Pentode Amplifier. 2.5 volt filament....**88c**

48— Power Amplifier Tetrode. 30.0 volt filament.**$1.76**

49— Power Amplifier, Class "B." 2.0 volt filament..**$1.00**

250— Power Amplifier. 7.5 volt filament..**$2.35**

59— Power Amplifier Triode. 2.5 volt filament..**$1.18**

171-A— Power Amplifier. 5.0 volt filament....**50c**

79— Power Amplifier, Class "B." 6.3 volt filament..**$1.54**

89— Power Amplifier Triode. 6.3 volt filament..**$1.06**

RECTIFIERS

5-Z-3— Full Wave Rectifier. 5.0 volt filament....**88c**

25-Z-5— Full Wave Rectifier. 25.0 volt filament.**$1.17**

1— Half Wave Rectifier. 6.3 volt filament....**88c**

280— Full Wave Rectifier. 5.0 volt filament....**53c**

281— Half Wave Rectifier. 7.5 volt filament..**$2.06**

82— Full Wave Rectifier. 2.5 volt filament....**71c**

83— Full Wave Rectifier. 5.0 volt filament....**91c**

84— Full Wave Rectifier. 6.3 volt filament..**$1.03**

866— Half Wave Rectifier. 2.5 volt filament..**$5.63**

ARCTURUS

Arcturus Blue Tubes

Arcturus tubes have been selected by leading engineers for production tests in their receivers. Uniform in characteristics and long in life. Extremely low noise level.

Type	Volts	Price
01A	5.0	$ .42
10	7.5	2.65
12A	5.0	.67
24	2.5	.70
27	2.5	.56
30	2.0	.67
31	2.0	.67
32	2.0	1.00
33	2.0	1.12
34	2.0	1.15
36A	6.3	.96
37A	6.3	.75
38A	6.3	.84
39A	6.3	.96
41	6.3	.84
42	6.3	.84
43	25.0	1.32
44	6.3	1.51
45	2.5	$ .61
46	2.5	.81
50	7.5	2.12
51	2.5	.87
56	2.5	.64
57	2.5	.87
58	2.5	.87
71A	5.0	.50
80	5.0	.48
81	7.5	1.85
82	2.5	.64
83	5.0	.82
85	6.3	.85
89	6.3	.95
99V	3.3	1.20
99X	3.3	.79
PZ (47)	2.5	.83

WUNDERLICH TYPES

Type	Volts	Description	Price
A	2.5	5 prong	1.76
B	2.5	6 prong	1.76
BB	6.3	6 prong	1.76
AA	6.3	5 prong	1.76

The Perryman tubes represent royalty at a rare low price. The unusually low price is no measure of the fine service given by these tubes. Will adequately fill the requirements of set-owners, dealers and servicemen with splendid results in performance at greater savings and profits. 90 DAY GUARANTEE.

PERRYMAN RADIO TUBES

Type	Volts	Price
201A	5.0	$ .32
112A	5.0	.62
171A	5.0	.38
X199	3.3	1.02
222	3.3	1.26
224A	2.5	.66
226	1.5	.34
227	2.5	.42
230	2.0	.66
231	2.0	.66
232	2.0	.94
233	2.0	1.12
234	2.0	1.12
235	2.5	.66
236	6.3	1.12
237	6.3	$ .72
238	6.3	1.12
239	6.3	1.12
551	2.5	.66
245	2.5	.46
46	2.5	.62
247	2.5	.64
250	7.5	2.48
55	2.5	.64
56	2.5	.52
57	2.5	.66
58	2.5	.66
280	5.0	.42
281	7.5	2.08
282	2.5	.42

ARCTURUS—15 VOLT TUBES

Type	Description	Price
22	S.G. R.F. Amp.	3.97
26	Detector	2.12
28	Amplifier	1.59
30	Power Amplifier	1.59
32	Hi. Mu Amplifier	1.59
40	Amplifier	1.59
48	Amplifier	1.59

We Guarantee to MEET or BEAT competition-

PHILCO *BALANCED RADIO TUBES*

WE ARE AUTHORIZED PHILCO DEALERS

These tubes were built to meet the demands of a vast number of servicemen and dealers who wish to increase sales, and profit, without losing the goodwill of the customer. They are not to be confused with the many brands of tubes selling at a price. Philco tubes are "firsts" and not "seconds" as are many other tubes being sold under private name brands.

These tubes are guaranteed for six months

00A	Super Sensitive Detector	$1.96
01A	Detector and Amplifier	.39
2	Ballast tube model 46	.55
3	Ballast tube Model 46E	.86
4	Ballast tube	.78
5	Ballast tube	.78
6	Ballast tube	1.47
9	Ballast tube	.78
10	Power Amplifier	3.56
12A	Power Amplifier	.76
14	Detector and Amplifier	1.11
15	Detector and Amplifier	1.40
17	Detector and Amplifier	.73
19	Twin Power Amplifier	1.40
20	Power Amplifier	1.47
22	Radio Freq. Ampl. & Det.	1.55
24	Detector and Amplifier	.81
26	Amplifier	.42
27	Detector and Amplifier	.52
30	Detector and Amplifier	.81
31	Power amplifier	.81
32	Detector and amplifier	1.16
33	Power pentode	1.37
34	Super Control Amplifier	1.37
35	Super Control Detector and Amplifier	.81
36	Detector and Amplifier	1.37
37	Detector and Amplifier	.88
38	Power Pentode	1.37
39	Super Control Amplifier	1.37
41	Power Pentode	1.40
42	Power Pentode	1.40
43	D. C. Power Pentode	1.96
44	Super Control Det. & Ampl.	1.40
45	Power Amplifier	.57
46	Power Amplifier	.76
47	Power Pentode	.78
48	Power Pentode	1.84
50	Power Amplifier	3.04
55	Double Diode Triode	.78
56	Detector and Amplifier	.64
57	Detector and Amplifier	.81
58	Super control Det. Ampl.	.81
59	Power amplifier	1.22
71A	Power Amplifier	.47
79	Twin Power Amplifier	1.55
80	Full Wave Rectifier	.52
81	Half Wave Rectifier	2.25
82	Full Wave Mercury Rectifier	.64
83	Full Wave Mercury Rectifier	.76
85	Double Diode Triode	.78
89	Power Amplifier	.88
X99	Detector and Amplifier	1.25
V99	Detector and Amplifier	1.37
182B	Power Amplifier	1.16
183	Power Amplifier	1.03
485	Detector and Amplifier	.91
866	Half Wave Rectifier	3.80

Latest Released Tubes

2-A-7—Radio Freq. Converter	$1.15
2-B-7—Riode-Detector R.F. Amplifier	1.05
6-A-7—Radio Freq. Converter	1.15
6-B-7—Diode Detector A.F. Amplifier	1.05
75—Diode Detector Amplifier	.89
2-A-5—Power Amplifier	.89
5-Z-3—Full Wave Rectifier	.79
25-Z-5—Full Wave Rectifier	1.05
1—Half Wave Rectifier	.79

EVERY PHILCO TUBE IS DOUBLY TESTED BEFORE TESTING

SYLVANIA RADIO TUBES

Guaranteed for 6 Months

SYLVANIA

SYLVANIA tubes are guaranteed against defects for a period of six months. These tubes are widely known for their long life, life-like tone, immunity to overloads, and freedom from hum.

Type	Description	Your Cost
00A	Detector	$2.12
01A	Amplifier and Detector	.42
10	Pwr. Amp. and Oscillator	2.05
12A	Amplifier	.67
15	Detector and Oscillator	1.51
19	Pwr. Amp.	1.51
20	Dry Cell Pwr. Amp.	1.59
22	Screen-Grid Amp.	1.06
24	A.C. Screen-Grid Amp.	.87
25Z5	Rectifier Doubler	.70
26	A.C. Amp.	1.06
27	A.C. Amp. and Detector	.45
29	2.5 V. Double Grid Detector	.56
30	Dry Cell Amp. and Detector	1.93
31	Dry Cell Pwr. Amp.	.67
32	Dry Cell S-G Amp.	.67
33	Dry Cell Pwr. Pentode	1.00
34	Vari-Mu R.F. Pentode	1.12
35	Super Control Tetrode	1.15
36	Automobile Tetrode	.79
37	Automobile Triode	.96
38	Automobile Pentode	.75
39	R.F. Pentode	.84
40	High-Mu Amp.	.96
41	Cathode Type Pwr. Pentode	1.06
42	Cathode Type Pwr. Pentode	.84
43	Pentode for D.C. Line Svc.	.84
44	Super-Control R.F. Pentode	1.32
45	Pwr. Amp.	1.51
46	Pwr. Amp.	.61
47	Pwr. Pentode	.82
49	Pwr. Amp.	.79
50	Pwr. Amp.	1.48
51	Variable-Mu Tetrode	2.12
55	Duplex Diode-Triode	.87
56	A.C. Amp. and Detector	.85
57	R.F. Pentode	.64
58	R.F. Pentode Vari-Mu	.87
59	Pwr. Amp.	.87
09	6.3 V. Double Grid Detector	1.06
71A	Last Audio Stage Pwr. Amp.	1.93
79	Pwr. Amp.	.50
80	Full Wave Rectifier	1.39
81	Half Wave Rectifier	.48
82	Full Wave M-V Rectifier	1.85
83	Full Wave M-V Rectifier	.64
85	Duplex Diode-Triode	.82
89	Triple Grid Pwr. Amp.	.85
V-99	Dry Cell Amp. and Detector	.95
X-99	Dry Cell Amp. and Detector	1.20
864	Det. Amp.	.79
866	Half Wave Mercury Rectifier	1.11

SPARTON

Type	Description	Your Cost
182B	5 V. Pwr. Amp.	3.57
183	5 V. Pwr. Amp.	$1.25
485	3 V. Det. & Amp.	1.11

.98

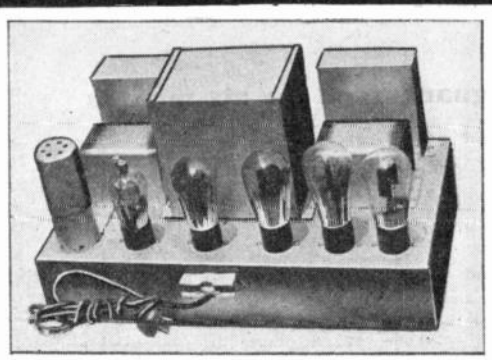
TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

AMPLIFIERS BUILT TO YOUR SPECIFICATIONS

POWERTONE AMPLIFIERS

The ULTIMATE IN AMPLIFIERS

WITH SUPER POWER



INCREDIBLE TONE QUALITY

Powertone P. P. 3 Stage 250 Amplifier

The Powertone Company after months of experimentation in their fully equipped laboratories have the privilege to offer to the general public an amplifier which will amaze and astonish those hearing it. This new high quality amplifier, although using the conventional 250 type tubes, has an output of 15 watts, which will permit the use of four or five dynamic speakers. They will cover a large area with satisfactory results. The amplifier is stable and has no equal for electrical reproduction from any high impedance pickup, or from any "mike," or detector. The frequency characteristic is between 30 and 9500 cycles per second and is substantially flat. The gain of this amplifier at 1000 cycles is 85 D.B.

The amplifier uses the following tubes: 1—224, 1—227, 2—281 and 2—250 in push-pull which insure maximum power output. Moreover, each amplifier is supplied with a fuse to prevent "shorts," a feature not incorporated in other amplifiers. The amplifier comes complete with built-in volume control which can be adjusted so that the sound is barely audible and then can be increased to the highest volume of sound. The finest materials have been used in its construction. Here are some of the exclusive features of this powerful amplifier:

Sangamo Input and Output Transformers. Thordarson Extra Heavy Duty Power Transformer. RCA Heavy Duty 250 Mil. Photophone Chokes. Special 1000 Volt (working voltage) Condenser Block. Shielded Input Tube to keep out undesired or stray impulses.

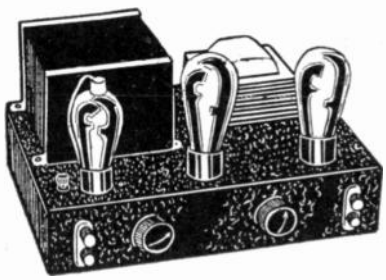
The electrical unit is housed in a heavy steel case, and all parts are properly shielded. A wide margin of safety is found in all parts.

Cat. No. 701. Our Price

$18.50

Set of RCA Licensed Tubes for above—$7.50

Powertone 245-247 & 250 Amplifiers



In the design and construction of this amplifier, liberal safety factors have been allowed. The Powertone 245 Amplifier has a power output of approximately 3 watts, which when used with one or two dynamic speakers is quite the ideal thing for auditorium or home use, intercommunication in factories or large offices. An exclusive method is provided for the use of a high impedance phonograph pickup or radio tuner. A microphone can easily be connected when used with a suitable coupling unit. The power consumption of the Powertone single 45 Amplifier is around 40 watts. All material used in the construction of this amplifier has been thoroughly tested in the most competent manner known to the Radio Science.

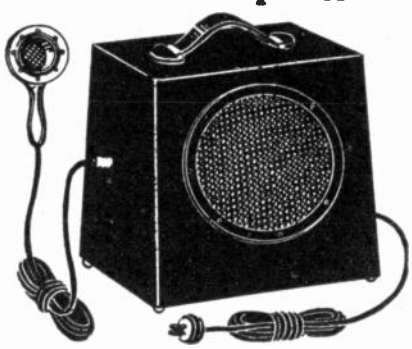
Cat. No. 702—Model 45 (Uses 1—224, 1—245, 1—280 Tubes). Our Price..... **$9.95**

FREE A set of RCA licensed tubes with each purchase of the above Powertone 245 Amplifier.

Cat. No. 703—Model 247. Uses 1-224, 1-280, 1-247. Output is rated at 4 watts. Our Price, with tubes... **$12.95**

Cat. No. 704—Model 250. Uses 1-224, 1-281, 1-250. Output is rated at 5 watts. Our Price, with tubes **$13.95**

Powertone Portable Amplifier



A powerfully constructed and durable unit that is a complete public address system. The case which contains the microphone transformer, amplifier, dynamic speaker and all accessories can be carried with one hand to any location. A switch located in the rear enables one to use phonograph or microphone at will. No additional appliances are required. A "C" battery for use with the microphone is included in the case. The entire unit is equal to any amplifier of its size whether portable or stationary. The dynamic speaker delivers 3 to 4 watts of undistorted power which is ample for medium sized audiences. The Powertone Portable Amplifier is ideal for public address, in stores or offices, classrooms, churches, athletic fields or swimming pools. Complete with 1-224, 1-245 and 1-280 tubes. R.C.A. hand microphone and C battery.

Cat. No. 705. Our Price..... **$19.50**

Complete with tubes and microphone.

We Guarantee Our Prices To Be Below Competition

Everything from a Binding Post to a Transmitter

PUBLIC ADDRESS SYSTEM

POWERTONE Combination Public Address System and Two Speed Phonograph with

STROMBERG-CARLSON Pickup

Exclusive POWERTONE Features:

Deluxe PHONOGRAPH AMPLIFIER

★ 4.5 Watt Output.
★ Unsurpassed Tone Quality.
★ Beautifully Designed Cabinet.
★ Skilled Construction (Powertone Produced).
★ Three Stages (Push-Pull Amplification).
★ 33⅓—78 R.P.M. Phonograph Motor
★ STROMBERG-CARLSON PICKUP (See back cover for detailed description)
★ Complete with Single Button Kellogg Handmike

These exclusive features prove beyond a doubt that an installation with the Powertone Combination assures perfect and reliable service.

ADAPTABILITY

Ideal for use in clubs, hotel lobbies, auditorium public address systems, stores, or where ever music or speech is required. Power output is sufficient to permit it to be used in large sized ball rooms. The use of the 33⅓-78 motor assures a playing period of from 9 to 15 minutes continuous, depending upon the make of record used. If the old type records are to be used simply adjust the lever and the motor will have a speed of 78 R.P.M.

RELIABILITY

It is a well engineered product. Months of experimentation by the Powertone Laboratories have resulted in an amplifier that will outperform many of the models listed elsewhere at higher prices. The outfit is comprised of a two speed Green Flyer Motor, 12 inch auditorium dynamic speaker, Stromberg-Carlson Phonograph Pickup, Kellogg single Button Hand Microphone, Powertone 3 stage P.P. 45 amplifier, and a handsome hand engraved Sonora Console.

ENGINEERED TUBE LAYOUT

In the design of the Combination, different types of tube layouts were tried. It was finally decided that for clear, undistorted, and sensitive operation it would be best to use P.P. 245's in conjunction with 2-56, and one 80 type tubes. 4.5 watts of undistorted output, to fill any large size auditorium, may be attained with this combination.

Cat. No. 4301.
Complete with tubes and microphone all ready to use $47.50

POWERTONE PORTABLE AMPLIFIERS

The two Powertone Amplifiers listed below were designed to meet the requirements of those desiring to assemble or dismantle their public address system quickly, and without the use of soldering iron or tools. It is a complete public address system, with amplifier, speaker, and microphone all self contained in a beautiful leatherette carrying case. Just plug it into any A.C. light socket and the amplifier is ready to operate.

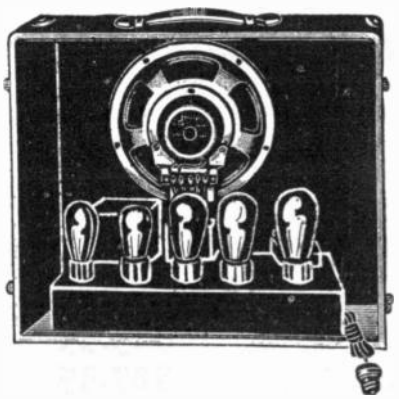
Three Stage P.P. 245 Portable

This public address system bids fair to be the most popular of the Powertone line of amplifiers. Fine in tone and enormous in volume output. It answers the requirements of lecturers, salesmen, and portable sound installations. May be carried anywhere and set up instantly. Here is an opportunity to sell your prospects on sound by demonstrating this portable outfit—thus breaking down sales resistance.

This system is comprised of the Powertone P.P. 245 Three Stage amplifier, with an output of 4.5 watts. Can be used to reproduce phonograph records as well as with a microphone.

Tubes used 2-'27 or 2-'56, 2-'45, and 1-'80.
Cat. No. 4803.
Complete with tubes, microphone and speaker—all ready to operate. **$44.95**

Sold complete with Kellogg single button hand microphone.



Complete with all required apparatus, including tubes.

Three Stage P.P. 250 Portable

This model has been developed to meet the requirements for a portable combination producing ample power output for large installations. Widely used in oversized auditoriums and for outdoor advertising purposes. The design follows the famous 45 series so widely used at the present time. The assembly is built around the largest Powertone P.P. 250 flat response power amplifier—delivers sufficient volume for all requirements with tone quality that will surprise the most critical. Gain is sufficient to operate on microphone or phonograph pickup. Supplies up to 15 watts undistorted output. Fully guaranteed and backed by the famous Powertone Electric Co.

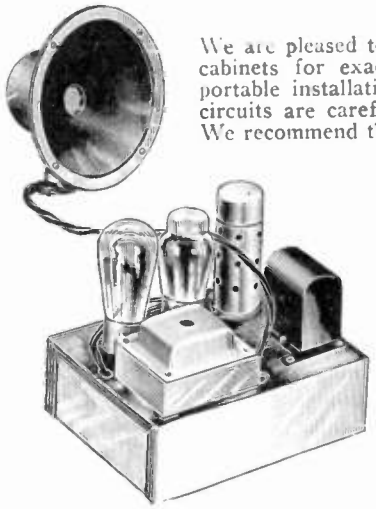
Tubes used: 1-'57, 1-'56, 2-'50, and 2-'81.
Cat. No. 4804.
Complete with tubes, speaker and microphone. **$57.50**

We can supply you with any types or makes of amplifiers and can also build them to specifications. Permit us to quote you the lowest prices obtainable.

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

PUBLIC ADDRESS AMPLIFIERS

Cabinet Model Speaker and Amplifier Combination



We are pleased to announce a new line of amplifier and speaker combinations in handsome cabinets for exacting public address, and entertainment uses. Ideal for permanent and portable installation. Can be used for microphone or phono reproduction. The electrical circuits are carefully designed to provide extremely high output with perfect tone quality. We recommend the use of the RCA hand microphone, and Stromberg-Carlson Chest to complete the installation, making possible perfect entertainment, whether local talent or record is desired. The serviceman will find a profitable new field in renting these sets for home, lodge and advertising purposes. All are enclosed in hand rubbed walnut finished Bosch cabinets.

Chassis and Speaker are mounted into Cabinet as Illustrated below. Measures 12½" high, 12" wide at the base.

Cat. No. PA-883.—Uses 1—'24, 1—'45, 1—'80. Delivers 2½ watts undistorted output. Complete, wired and tested. Less Tubes. Our Price **$12.95**

Cat. No. PA-884.—Uses 1—'24, 1—'47, 1—'80. Delivers 3½ watts undistorted output. Complete, wired and tested. Less Tubes. Our Price **$13.95**

Cat. No. PA-885.—Uses 1—'58, 1—'59, 1—'82. Delivers 4 watts undistorted output. Complete, wired and tested. Less Tubes. Our Price **$14.95**

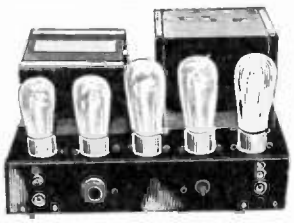
Cat. No. PA-886.—Uses 1—224, 1—281, 1—250. Delivers 5 watts undistorted output. Completely wired and tested. Less Tubes. Our Price **$15.95**

Special D. C. Power Amplifier

Why lose profitable public address amplifier jobs because there is no A.C. circuit available and you do not have a converter? One of these high output D.C. models will permit you to handle any D.C. job. May be supplied for either 110 or 220 volts D.C. operation. A new high efficiency circuit is employed using two stages of transformer coupled voltage amplification feeding a 2—T.S. 57 Power pentodes in the output stage. There is ample power available for all ordinary requirements (3½ watts) with true realistic tone. Ample gain is provided for all uses. May be used with microphone or phono pickup. Input is direct to the grid of the first stage while the output is high impedance—will feed either magnetic or dynamic speakers. A built-in graduated volume control is provided for perfect control of output from full auditorium volume to a mere whisper. Tubes required: 2—112, 2—T.S. 57

Cat. No. PA-503. Assembled and tested, less tubes. Our Price..... **$12.95**
Kit of RCA Licensed Tubes.....**$2.75**

Powertone Push Pull 245 Public Address Amplifier



Designed to provide the utmost in performance at a reasonable price. Suitable for any public address installation. Uses 2—'27 or '56, 2—245 and 1—280. Essential flat frequency response on voice and music, thus assuring high quality reproduction for any purpose. May be adapted to any form of installation, including inter-communication, microphone, or radio pickup. Due to the high gain circuit used in these amplifiers it is possible to obtain the full output of the tubes used with any form of input. Input connects direct to grid of tube, is of high impedance which permits the amplifier to be coupled to one or more magnetic speakers, or to three or four dynamic speakers which have their own output transformer. It is possible to operate the amplifier from any auto A.C. power unit delivering 65 watts or more, to make an inexpensive sound truck system. Conservatively rated for constant use.

Cat. No. PA-4303. (Less Tubes). Our Price **$12.95**

Portable Hearing Aid Amplifiers

Designed by the famous Powertone Laboratories for use in churches, auditoriums and all other public gatherings. May be installed in a few moments and will permit the hard of hearing to enjoy the pleasures formerly denied them. There is ample output to feed up to 40 headphones at satisfactory volume. As an additional refinement, a tone control has been included to adjust the pitch to that best suited to the persons listening. The circuit is of high efficiency, using a '24, a '45, and an '80. May be used with microphone or phono pickup. Supplied complete with R.C.A. hand microphone. Fully portable—may be carried anywhere and set up in a moment, or permanently installed with the headphones wired to the seats or pews. Our technical department will be glad to co-operate with you and design any proposed layout. Designed for 110 volt A.C. operation.

Cat. No. PA-4302. Wired and tested. Amplifier complete with R.C.A. hand microphones, ready to operate. Nothing else required. Our Price **$24.95**

Console Chest Electric Phonograph

with STROMBERG-CARLSON Pickup

We are pleased to present an entirely new line of table chest electric phonographs unrivalled for their beauty and tone quality. All models are mounted in a handsome walnut case which matches any surroundings—built by furniture craftsmen using selected matched woods which are highly polished.

Great pain has been taken to supply a model for every requirement. Stock models are available using the famous Powertone 45, 47, or 59 amplifiers and matched dynamic speaker. For playing standard phono discs the Prime Green Giant motor is furnished. Where it is desired to play both the standard and new transcription discs, a Green Flyer Two Speed (33⅓—78 R.P.M.) motor has been installed in the De Luxe line.

FEATURES:

Stromberg-Carlson balance pickup and volume control in all models.
Powertone amplifiers provide realistic reproduction with tremendous volume for all uses.
Mounted in handsome walnut cabinet, matches all surroundings.
Completely self contained—when not in use, cabinet is closed and the assembly becomes a handsome piece of furniture.

Cat. No. PA-887. Electric Phonograph. Uses 1—'24, 1—'45, 1—'80. Complete, ready to operate. Uses Prime Green Giant Motor. Our Price..... **$25.35**

Cat. No. PA-888. Electric Phonograph. Uses 1—'24, 1—'47, 1—'80. Complete, ready to operate. Uses Prime Green Giant Motor. Our Price..... **$27.35**

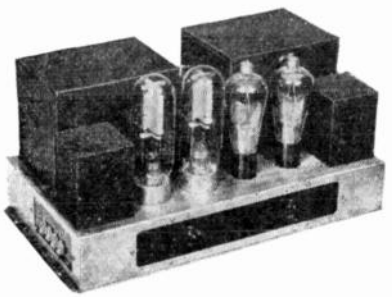
Cat. No. PA-889. Electric Phonograph. Uses 1—'58, 1—'59, 1—'82. Complete, ready to operate. Uses Prime Green Giant Motor. Our Price..... **$28.50**

Any of the above models supplied with a two speed phonograph motor **$37.50**

Cat. No. R-890. Special D.C. Phonograph. Uses 2—112A, 2—T.S. 57. With special D.C. Phonograph Motor. Complete, ready to operate. Our Price..... **$27.50**

Prompt Service-Shipments within 24 Hours

Simplex Public Address Amplifiers



Type 9-A Class "A" Output Stage

A single stage amplifier and power supply assembled on a neat chassis. Provides ample power output for large groups whether indoor or outdoor. Widely used in theatre and de luxe sound distribution systems. Recommended for use where the highest quality sound system is desired. A number of these units may be fed from a single voltage and primary power amplifier. We suggest you write our technical department giving all information available.

Input:
500 ohms. Requires 3.2 watts excitation from driver.

Output:
9 and 15 ohms to feed local speakers. 500 ohms for remote installation.

GENERAL SPECIFICATIONS

Flexible—for single or duplex operation.
Power output 40 watts undistorted.
Power consumption 325 watts.
Tubes used 2—845, 2—566
Cat. No. 9-A. Less Tubes.
Our Price **$105.84**

SIMPLEX

Matched Public Address AMPLIFIERS

Class "A" and "B" Systems—3.2 to 100 Watt Output

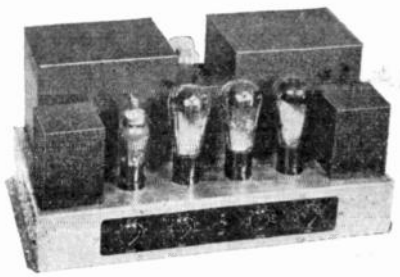
A complete line of matched public address amplifiers that answers all requirements. The units are mounted on similar chassis—beautiful in appearance and matched electrically for any installation. May be used for all public address installations and as transmitter modulators.

FEATURES:

Self Contained Amplifiers.
All single unit amplifiers are self-contained. Outputs range from 3.2 to 25 watts. Units ranging from 3.2 to 12 watts are Class "A."
Unit Panel Construction.
The larger systems are unit built with the voltage amplifier rectifier and intermediate Power amplifier contained in one unit. Output amplifier and separate rectifier are contained in a second chassis. These units range up to 100 watts output.

GENERAL SPECIFICATIONS

Guaranteed electrical design and construction—the product of a nationally known manufacturer. All parts are conservatively rated and the best available. Covered by standard R.M.A. 90 day guarantee.
All single unit amplifiers have built-in mixers and master gain and tone control.
Frequency range 70-7000 cycles practically flat—only 6 D.B. down at 10,000 cycles—perfect tone quality for any installation. **Drivers made in two types**—3.2 watts output and 12 watts output—provides effective operation of the power output stage. Proper impedance match between units guarantees best tone quality.



Type 6-B Three Stage (25 Watt) Class "B" Amplifier

Fast becoming the standard of the industry. Ideal for sound trucks and outdoor advertising. Type "B" is unique in design combining high gain with high output. Special attention has been given to the transformer, design and the harmonic content present in the output is less than 5% of the fundamental. In most cases either two auditorium dynamic speakers or four standard 10-12 inch dynamics should be used to handle the full output advantageously. Also excellent for use as a transmitter modulator.

Input
Standard double or single button microphone and high impedance pickup or detector plate. Individual mixer controls. Master volume and tone controls.
Output:
9 and 15 ohms voice coil and 500 ohm line for remote speaker installation.

GENERAL SPECIFICATIONS

Built-in microphone current supply
Rated gain 86 D.B.
Power output 25 watts undistorted.
Power consumption 110 watts.
Tubes used 1—57, 3—46, 1—83.
Cat. No. 6-B. Less Tubes.
Our Price..... **$66.15**

Type 1-A Push Pull 245 Amplifier

A compact two stage dual push pull amplifier. High efficiency. Produces ample output (3.2 watts) for driver use with 7B, 8B, 9A or any equivalent output stage. Also used as a pickup or remote amplifier. Will feed speakers directly where moderate power is required.

Input
1—Standard single or double button microhphone, or 200 ohm line 2—High impedance phono pickup or detector plate. Individual mixer control for each. Master volume and tone controls.
Output
9 and 15 ohms for dynamic speaker voice coils. 500 ohms—feeds transmission lines or remote speakers.

GENERAL SPECIFICATIONS

Built in microphone current supply—needs no batteries.
Rated gain 65 D B at 100 cycles.
Power output 3.2 watts undistorted.
Power Consumption 85 watts.
Tubes used 2—57, 2—45, 1—80
Cat. No. 1-A. Less Tubes. Our Price **$44.10**

Type 2-A Push Pull 247 Amplifier

Designed for medium power installation. Combines extreme gain and high output. Ample gain for all purposes. Ideal for churches, dance halls, etc.

Input
Similar to 1A and 3A.
Output:
9 and 15 ohms.

GENERAL SPECIFICATIONS

Built in microphone current supply
Rated gain 87 D.B.
Power Output 6.4 watts undistorted.
Power consumption 85 watts.
Tubes used: 2—57, 2—47, 1—80
Cat. No. 2-A. Less Tubes. Our Price **$35.28**

Type 3-A Push Pull Amplifier

A two stage dual push pull amplifier providing ample gain and output for the average public address installation. Also ideal for use as a driver for high powered amplifiers such as 10 B.

Input
Universal input—standard single and double button microphone or low impedance line and high impedance pickup or detector plate. Individual mixer control—master gain and tone control.
Output.
9 and 15 ohms and 500 ohms.

GENERAL SPECIFICATIONS

Built-in microphone current supply
Rated gain 64 D.B. at 1000 cycles.
Power output: 11 watts undistorted.
Power consumption: 140 watts.
Tubes used: 2—57, 2—50, 1—83
Cat. No. 3-A. Less Tubes. Our Price **$49.98**

Type 4-A Push Pull 250 Amplifier

A three stage Class "A" general purpose amplifier using push pull 250 output tubes. Combines extreme gain with ample output power for practically all installations. Often called the standard of the field.

Input:
Universal purpose—similar to 1A.
Output:
Universal similar to 1A

GENERAL SPECIFICATIONS

Built in microphone current supply.
Rated gain 108 D.B.—Ample for remote microphone placement.
Power output: 14 watts undistorted.
Power consumption: 150 watts.
Tubes used: 1—57, 1—45, 2—250, 1—83.
Cat. No. 4-A. Less Tubes
Our Price **$58.80**

Type 7-B Class "B" 46 Output Stage

A single stage amplifier chassis and power supply. Can be used with any driver capable of supplying up to 3 watts. Type 1A is recommended. Increase the power of your present amplifier with this stage. Ample output for large ball-room, truck and outdoor installations.

Input:
500 or 4000 ohms. Matches any amplifier. Low impedance is used for remote installations.
Output:
9-15 ohms. 500 ohm for remote speaker installations.

GENERAL SPECIFICATIONS

Power output 25 watts when fully excited.
Power consumption 85 watts.
Tubes used: 2—46, 1—83.
Cat. No. 7-B. Less Tubes. Our Price **$55.86**

Type 8-B Parallel P.P. Class "B" Amplifier

A single stage parallel push pull Class "B" with two 46 tubes on each leg. Ideal for extremely large low cost installations. Requires 4 to 7 watts driver output for full excitation. Can be used at carnivals, ball parties, etc.

Input:
General puropses. 500 ohms for remote operation. 4000 ohms for standard high impedance driver output.
Output:
9-15 ohms for direct dynamic speaker use. 500 ohms for remote speaker or transmitter modulator (through external coupling transformer.)

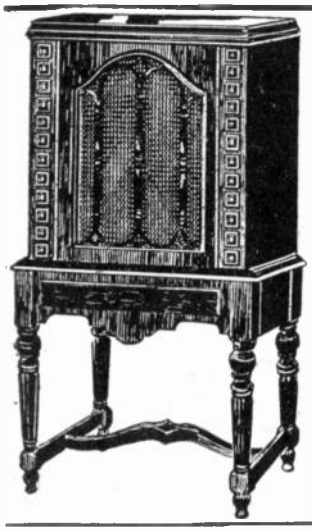
GENERAL SPECIFICATIONS

Required excitation 4-7 watts.
Power Output: 50 watts undistorted with full excitation.
Power consumption 155 watts.
Cat. No. 8-B. Less Tubes.
Our Price..... **$70.56**

Type 10-B 100 Watt Output Stage

Ideal for all large installations. Will feed the largest theatre or ball park. Used for aerial advertising or transmitter modulation. Will effectively modulate 200 watt Class "C" amplifier.

Input:
500 ohms and 4000 ohms. Requires 8 to 14 watts excitation. Ideal for use with the 3A or 4A as a driver.
Output:
Parallel feed high impedance 4000 ohms. We recommend separate speaker transformer properly poled connected to the output. A transformer can be furnished for coupling to 4000, 2500 or 500 ohms for all purposes. Prices on request.
General Specifications:
Power output 100 watts undistorted.
Power consumption 475 watts.
Tubes used: 2—203A, 2—866.
Cat. No. 10-B.
Less Tubes. Our Price **$235.20**



PEERLESS-SONORA

SUPER DYNAMIC SPEAKER

Contains a 12" Super Dynamic Speaker

Positively the last word in speaker design. No rattling, No distortion—PERFECT REPRODUCTION. Housed in an exquisite deep two-tone walnut Sonora console, of rare beauty and craftsmanship. It is equally suitable for any set employing the average type of amplifier systems using as low as 90 volts 'B' current. Will work with any set regardless of output characteristics.

Cat. No. 502. For 110 Volts D.C. or 1,000 ohm field. Our Price **$10.95**

Cat. No. 503. Cabinet only. Our Price. Full sized measures 21½" wide x 30½" high x 18" deep **$6.50**

Cat. No. 501.
For A.C. 50-60 Cycle
$13.95

Peerless A.C. and D.C. Dynamic Speaker Chassis

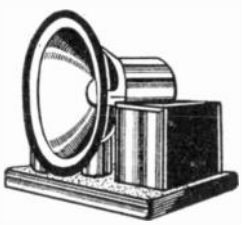
An efficient and powerful reproducer. Ideal for use with the most powerful public address amplifier. It is equally suited for use with any receiver employing the average type of audio amplification system using as low as 90 volts "B" current. The speaker will work with any receiver regardless of output characteristics.

D.C. Model has a 1,000 ohm field and a push-pull output transformer. A.C. Model uses a dry rectifier system with a hum condenser for minimum A.C. hum.

Dimensions: 12 inches high and 8 inches deep.

Cat. No. SD502A. D.C. Model. Price....**$5.95**
Cat. No. SD1709. A.C. Model. Price....**$7.95**

Utah A.C. and D.C. Dynamic Speaker Chassis



One of the most popular models released by Utah. Perfect reproduction and flawless tone. Special corrugated cone insures strength and reliability under all conditions. Makes an ideal speaker for any set or amplifier. Dimensions: 9" high, 11" wide at the base, and 8" deep.

A.C. Model uses a 280 rectifier tube and an 8 mfd. condenser. D.C. Model has a 2500 ohm field and can be matched for any type of output tube.

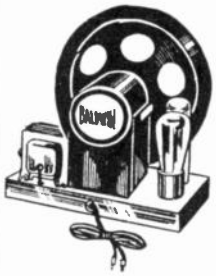
Cat. No. SD516. A.C. Model (with tube)..**$5.95**
Cat. No. SD517. D.C. Model **3.95**

Powertone Midget Dynamic Speaker Chassis

Manufactured for us by one of the largest speaker manufacturers in the world. Compact in size and realistic in tonal performance. The speakers are equipped with output transformers to match either single or push-pull 245 or 247. Field resistance can be supplied in 2500 ohm Fields. Speaker is 6 inches.

Cat. No. SD414. Our Price.....**$1.79**

Baldwin A.C. and D.C. Dynamic Speaker Chassis



The tremendous power handling capacity of this speaker makes it suitable for use in modern console receiving sets or for power amplifiers. The A.C. models are equipped with a 280 rectifier tube and an 8 mfd. dry electrolytic condenser to reduce A.C. hum.

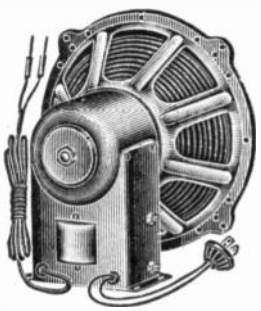
D.C. models are available with or without output transformers. Field resistance of the D.C. model is 2500 ohms.

Dimensions: 9½ inches high and 7 inches deep.

Cat. No. SD507. (A.C. Model, complete with 280 tube.) Price **$4.95**
Cat. No. SD508. (D.C. Model with output transformer.) Price **3.25**
Cat. No. SD509. (D.C. Model, less output transformer.) Price **2.95**

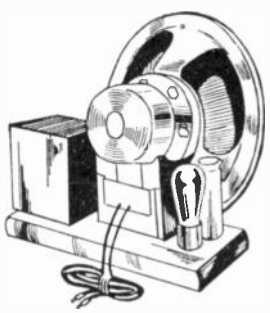
Utah Stadium Dynamic Speaker Chassis

Designed to work in large theatres, outdoor stadiums, and armories. Includes output transformer, stepdown transformer, and a Westinghouse Dry Rectifier. To be used on 110 volt A.C., 60 cycles. Output transformer can be supplied for either single or push-pull output tubes. Overall dimensions: 12½" high, 11⅜" wide, and 7½" deep. Cone diameter is 10".



Cat. No. SD504. Our Price ... **$8.45**

Majestic A.C. Dynamic Speaker Chassis



A genuine Majestic A.C. Dynamic Speaker with Majestic performance. Is excellent for use on any receiver that has a plate supply of more than 135 volts. Capable of handling 6 watts without rattling or distorting. The speaker is equipped with power transformer, electrolytic condenser and 280 rectifier tube.

Dimensions: 12¾ in. high, 8 in. deep, and 11 in. wide at the base.

Cat. No. SD412. (Complete with 280 rectifier tube.) Price..... **$8.95**

Suspension Horns

Designed primarily to reinforce the voice reproduction in theatres. It has found usefulness in portable talking picture installations, conventions, schools, etc. Very compact. Tone quality is startlingly realistic. Ideally suited for Skating Rinks, Dance Halls, Small Auditoriums, and Churches. Air Column 6 ft. Depth 26¾ in. Weight 25 lbs.

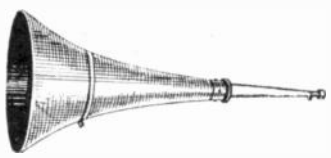
Cat. No. 3423. Our Price **$32.34**

Perforated Exciter

For Direct Current charging of the Magnetic Field. For use in conjunction with the Macy Units. Overcomes storage battery troubles and furnishes 3 Amperes of direct current, at 8 volts without audible alternating current hum, from 110 Volt-120 Volt 60 Cycle Power Supply. A. C. 211 Weight 9 lbs. Self-contained in an enamel metal box.

Cat. No. 3422. Our Price **$11.76**

Trumpet Horns for Amplification of Direct Speech

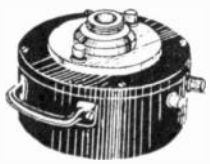


Especially recommended for Conventions, Open Air Assemblies, Political Gatherings, Hotels, R. R. Stations, Race Tracks, Athletic Fields, Stadiums. Heavy Duty with Demountable aluminum throat, one inch beaded edge. Finish—French Grey.

Cat. No.	Bell	Length	Weight	Our Price
3416.	30" Round	6 Ft.	22 lbs.	$32.34
3417.	30" Round	6 Ft.	14 lbs.	28.20
3418.	23" Round	3½ Ft.	10 lbs.	18.23
3419.	23" Round	3½ Ft.	8 lbs.	11.76

Giant Electro Dynamic Horn Unit

For 10 to 30 Watt Output



Requires a field supply of 1.6 amperes at 6 volts D.C. The source of supply may either be a 6 volt storage battery or a rectifier that will give 6-8 Volts D.C. from 110 Volts A.C., Voice Coil Impedance 16 ohms. Weight 19 lbs. Response 50-8,000 cycles. Available also for 110-120 Volts D.C.

Cat. No. 3420. GAC4N 10-30 Watts. Our Price **$26.25**
Cat. No. 3421. GAC3N 7-10 Watts. Our Price.....**$22.35**

We Guarantee to MEET or BEAT competition

MAGNETIC & DYNAMIC SPEAKERS

Bosch Speaker Cabinet

Will Accommodate Any Magnetic or Dynamic Chassis up to 10 Inches in Diameter.

A beautiful walnut cabinet artistically and expensively finished. It was built by one of the foremost manufacturers of cabinets in the country. The front of the cabinet is of fine walnut grain, and the grill contains a gold bronze cloth for contrasting color scheme. Will lend itself to any setting. Hand rubbed to a soft satiny sheen.

Dimensions 12½ inches high, 12 inches wide at the base and 10 inches deep.

Cat. No. SC-3002.
Our Price $1.75

Utah Treasure Chest Speaker

Beautiful Appearance.
Unrivaled Tone.
Unobtrusive Design.
Self-contained.

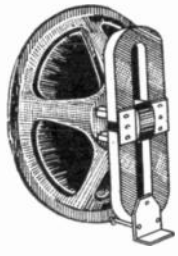
A speaker highly known for its tonal qualities and unusual sensitivity to the faintest impulses. It will handle an extraordinary amount of volume without distorting and cover an amazing range of frequencies. You will hear every note as originally rendered in the broadcasting studio. The speaker is enclosed in a beautiful two toned walnut cabinet and will add additional beauty to any surrounding in which it is placed. Especially recommended for use as an additional speaker for any radio receiver. Dimensions of the cabinet are 9½" high, 20" wide, 12" deep.

Cat. No. S3006.
(Complete Speaker) ... $2.95
Cat. No. SC3006.
(Cabinet Only) $1.50

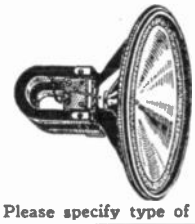
Farrand INDUCTOR DYNAMIC

The Genuine Farrand Inductor For The First Time At This Low Price

These models are not to be confused with the various types now on the market and labeled Farrand Inductors. These models are all factory built and not just put together haphazardly.
The 12 inch models have two magnets standing upright, with a bracket on the bottom to ease mounting. Dimensions of the 12 inch model: 12 inches high and 6½ inches deep.



Cat. No. SF506.
(12" Model) Our Price... $4.95

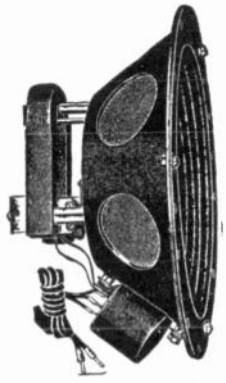


The 9 inch model has the two magnets parallel to each other with a bracket placed between them to facilitate mounting.

Cat. No. SF505.
(9" Model) Our Price... $4.50

Please specify type of power tube when ordering.

R.C.A. 100B-103 MAGNETIC CHASSIS



This chassis is the identical one used in the R.C.A. 100A-100B Speakers which list for as high as $35.00. Note built-in output transformer which permits use of 450 volts without distortion, rattling or blasting. Generous oversized magnet. The thick armature is accurately centered, the sturdy metal frame is lined with a special self-baffling fabric, greatly improving acoustic properties of this sensational speaker. Note the corrugated surface of the cone, an exclusive feature—enhances perfectional reproduction qualities considerably; most compactly made; 9" outside diameter, 4½" deep overall.

Cat. No. 3007
Our Price $2.75

Peerless Speaker Cabinet

A highly polished hand rubbed genuine walnut cabinet. There is a pleasing beauty and grace in its Gothic lines that make it adaptable for use in any setting. Two sizes are available, 9" and 11". The 9" type will accommodate any speaker, magnetic or dynamic, up to 9" in diameter. Its overall dimensions are 13¼" high, 12¼" at the base. The 11" model is 15" high overall, 14½" wide at the base. This cabinet will accommodate any speaker chassis up to 11" in diameter.

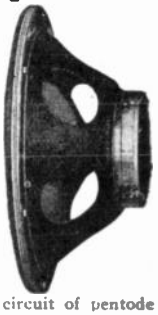
Cat. No. SC-3010.
(9 Inch Model). Our Price..... $2.95
Cat. No. SC-3016.
(11 Inch Model). Our Price..... $3.25

Powertone Magnetic Speaker

Especially adaptable for use as an additional speaker in another room. Will not rattle or blast. The speaker is equipped with a 6 foot extension cord. The unit is adjustable, permitting adjustment of the speaker to his own satisfaction. Dimensions of speaker are 10" high, 10" wide and 7" deep.
Due to the large amount we have purchased we are able to sel lthem at such a ridiculously low price. Order yours while they last!!!

Cat. No. SM5711.
Our Price, Each $1.95

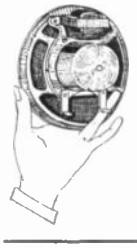
Crystal Speakers



These speakers draw very little current, this fact renders them extremely advantageous for multiple installations, and as a standard speaker for use with battery-operated sets.
They have similar electrical characteristics to a .03 m.f. condenser and may be connected directly across high impedance choke in the plate circuit of pentode tubes.

Cat. No. R-85.
Diam. 8½", 3½" deep. Weight, 2 lbs..... **$6.50**
Cat. No. R-95.
Diam. 10⅝", 3¾" deep. Weight, 2¼ lbs..... **$6.95**

B.B.L. 5 Inch Dynamic Speaker



This speaker was designed for use with the new A.C. and D.C. Universal receivers. Two brackets on the bottom of the speaker will aid the user in mounting. The field resistances available with this speaker are: 4000 ohms and 1800 ohms tapped at 300 for "C" bias. Output transformer can be had to match any type of power tubes, single or push-pull.

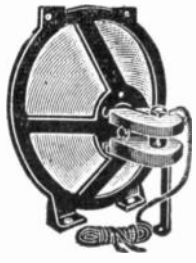
Cat. No. SD3014.
Our Price $2.45

Duo Magnetic Speaker

Here the Duo Magnetic Engineers have succeeded in developing a high grade instrument with remarkable sensitivity to the weakest signals and a capacity to reproduce all frequencies at any degree of volume with the same stirring tone. Its beautifully wrought cabinet will harmonize splendidly with any set.

Cat. No. 3008. Our Price $2.75

Duo Inductor Dynamic



A new type of inductor dynamic speaker. True fidelity of reproduction throughout the entire musical range. Will register from low bass to the high notes. The unit uses two powerful magnets to supply fixed magnetic field.
Available in 9" and 12" sizes.
Matched for power tube output.

Cat. No. 415.
Our Price..... $2.95

B.B.L. Midget Magnetic Chassis

5" overall size.

The smallest and most compact speaker ever made. In spite of its size this speaker is more sensitive than many of the 9 inch chassis on the market today. Will take power up to 180 volt without rattling or blasting. Ideal for extra speaker installations in other rooms.

Cat. No. 5705.
Our Price $2.25

Duo Magnetic Gothic Speaker

This is an ideal speaker to use on battery receivers using the new two-volt tubes. Beautiful mahogany finish cabinet and will beautify any corner of a room. The front of the cabinet has a gold metal cloth which harmonizes with the mahogany finish.

Cat. No. SM3015.
Our Price ... $3.95

Farrand Magnetic Chassis

Uses a strong permanent magnet in its accurately designed unit. Exceptional tone quality—with depth and life-like reproduction unapproached by any other magnetic speaker. Carries tremendous volume without rattling. It is an exceptionally fine chassis which may be mounted on a baffle, in a console, or in a speaker cabinet such as the Bosch cabinet illustrated.

Cat. No. SM5301. Our Price, Each.. $1.45

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Dynamic Speakers

Jensen
ELECTRO-DYNAMIC SPEAKERS

The various types of speakers listed below have been produced to fit every requirement from a giant public address system to the tiny midget type as used in the present day Universal A.C. and D.C. midget receivers. In every one of these speakers you will find quality and fine workmanship. All of the Jensen Dynamic Speakers are equipped with the patented Tym-Flex cones, (one piece). This cone is a Jensen laboratory development and is only used on Jensen Speakers.

12 Inch Auditorium Dynamics

In sound output the new auditorium model is 400% more efficient than the conventional type of electro-dynamic cone speaker.

A few examples of the reproducing qualities of the speaker are given; should you take one of these speakers and connect it to a 245 amplifier results would be equal to that of a 250 amplifier output; should you take a 250 amplifier and use this speaker results would be equivalent to that of 845's (50 watt tubes) on other speakers.

The voice coil is accurately centered. The base response of this speaker is unusual, without any boom effect that often accompany speakers of this size and type.

The speaker is capable of handling 15 watts of power output continuously.

The A.C. models use the new 82 type rectifier tube. Output transformers can be supplied for any type tube output. It is important for you to specify power tube or tubes being used when ordering. It is also possible to acquire this type of speaker for a 500 ohm line.

If D.C. Model is desired please specify field resistance.

Dimensions—width 13 1/16, height 13 23/32, depth 8 11/16. Baffle opening 12".

D.C. OPERATION

Cat. No.
SD4423 110 volt D.C.
SD4424 220 volt D.C.
SD4425 6 volt D.C. operation
All Types **$26.44**

A.C. OPERATION

Cat. No. SD4401.
For 110 volts 60 cycles..... **$39.69**
Cat. No. SD4422.
For 110 volt 25 cycle operation..... **$42.63**
Cat. No. SD4402.
For 220 volt 60 cycle operation..... **$45.57**

D.C. Midget Dynamics

There are four types and sizes listed in this group, five inch, for the new type universal A.C. and D.C. midget receivers, six inch, eight inch and ten inch. Output transformers can be supplied for any type power tube output. Field resistances are available in 1000, 1250, 1800 tapped at 300, and 2500 ohm fields.

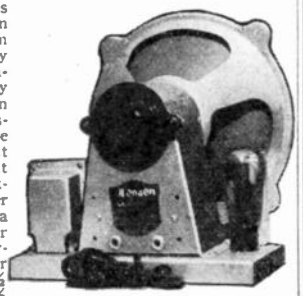
Cat. No. SD4426.
Model T-1, 5 inch.... $2.94
Cat. No. SD4427.
Model K-2, 6 inch $4.40
Cat. No. SD4428.
Model D-16, 8 inch..... $5.58
Cat. No. SD4429.
Model D-19, 9 inch..... $6.15

Jensen Concert Model D-7 D.C.

Available with a 2500 ohm field resistance. Ideal for replacement purposes on sets requiring a speaker with a 2500 ohm field. The output transformer can be supplied for either single or push pull power output tubes. The speaker measures 12" high, and 7-7/32 inches deep. Cone measures 11 inches. Please specify type of power tube when ordering.

Cat. No. SD411.
Price $5.75

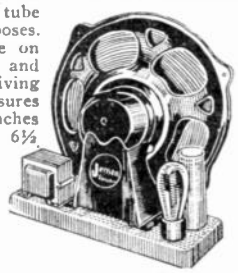
Jensen Concert Model D-7 A.C. Dynamic



This speaker is slightly smaller than the Auditorium Model. Is widely used as an additional speaker in many homes, as well as on public address systems. Will handle an enormous amount of volume without distorting or rattling. The speaker is equipped with a 280 rectifier tube for rectification purposes. The speaker measures 12½ inches high, 11⅜ wide, and 7-7/32 deep. Baffle opening required, 10 inches. The speaker is supplied complete with tube.

Cat. No. SD1706.
Our Price, with tube $8.95

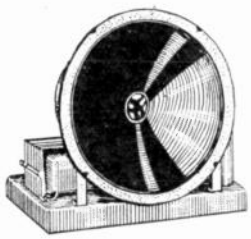
Jensen Model D-9 A.C. Dynamic



This model uses a 280 tube for rectification purposes. Especially suited for use on public address systems and on the late model receiving sets. The speaker measures 12¼ inches high, 11¼ inches wide at the base, and 6½ inches deep. The cone measures 10 inches. An 8 mfd. electrolytic condenser is mounted on the base and connected across the field to reduce A.C. hum.

Cat. No. SD1704.
Our Price, with Tube..... $8.95

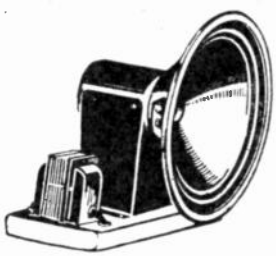
Model D-16 A.C. Dynamic Speaker Chassis



Especially suited for use as an additional speaker on any type of receiver. It uses an 8 mfd. electrolytic condenser in conjunction with the —80 type tube to reduce any A.C. line hum. Will handle a large amount of volume without rattling or blasting. Dimensions 9 inches high, 9½ inches wide at the base and 6 inches deep. Cone measures 7 inches.

Cat. No. SD1701.
Our Price, with Tube..... $6.95

Jensen D-5 A.C. Dynamic



An ideal speaker for all purposes. Has push pull transformer and reproduces with magnificent volume from any set or amplifier. The use of a 280 tube as a full wave rectifier to supply field gives more powerful field and less hum. Specially designed for heavy duty work. Dimensions 11½ inches high and 11 inches wide at the base.

Cat. No. SD1707.
Our Price, with Tube..... $5.95

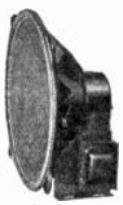
Jr. Auditorium Dynamics

The Model D-8-G is the latest addition to the Jensen line of Dynamic Speakers. It is slightly smaller than the auditorium unit. The speakers are available for A.C. or D.C. operation. The A.C. Speaker employs a high voltage dry rectifier system.

Output transformers can be supplied for any type of power tube, single or push-pull. The standard field resistance of the D.C. Model is 2500 ohms.

Cat. No. SD4431.
For 110 volt A.C., 60 cycles. Our Price **$20.58**
Cat. No. SD4432.
For 110 volt A.C., 25 cycles. Our Price **$20.58**
Cat. No. SD4433.
For 110 volt D.C. Our Price..... **$13.23**
Cat. No. SD4434.
For 220 volt D.C. Our Price..... **$13.23**

Model D-9 D.C. Models

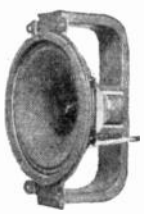


This model speaker is ideally suited for an all purpose model, can be used with either a radio receiver, or public address systems. Equipped like all other Jensen models, with the Tym-Flex cone. The diameter of the cone is 10 inches. Overall height of the speaker is 12 inches.

D.C. model field resistances are available in 800, 1000, 1250, 2500, and 1800 tapped at 300 ohms. The output transformers can be had to match any type power tubes, single or push-pull.

Cat. No. SD4436.
D.C. Model. Our Price..... **$7.35**

Jensen Permanent Magnet (PM-2) Dynamic Speaker Chassis



The introduction of the new Jensen Permanent Magnet Electro-Dynamic Speaker opens an entirely new field for speakers of this type. With this Electro-Dynamic, battery operated sets may now equal in tone quality A.C. operated receivers. The P. M. 2 is the improved model of the P. M. series. We are the first to list this unusually fine speaker at this low price.

This speaker, with its electro-dynamic tone qualities is ideal for hotel-room and apartment installations operated from a central tuning and amplifying system and for use in connection with automobile radio receivers. 8" ring diam.

Cat. No. 4418. Our Price $8.82

Auto Dynamic Speaker

Standard with a great many automobile receivers now in use. Provision is made in the speaker for the elimination and collection of dust and foreign material. The speaker chassis is encased in an attractive metal case. Adjustable lugs are supplied for installation on the dash of the car. A 30 inch armored cable is included for connections. The field resistance of the speaker is 7.5 ohms and requires the automobile storage battery for excitation. The speaker can be matched for any type of output tube. Please state type of tube used when ordering.

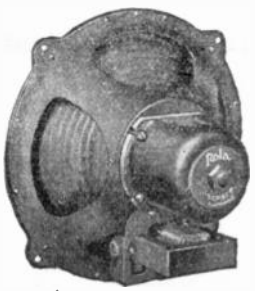
Cat. No. SD4408.
6-inch Speaker. Our Price **$5.88**
Cat. No. SD4409.
8-inch Speaker. Our Price **$7.06**

Everything from a Binding Post to a Transmitter

DYNAMIC SPEAKERS

ROLA

ROLA MODEL "K" DYNAMIC CHASSIS

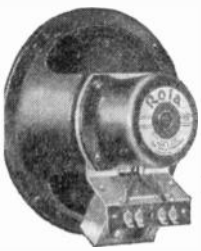


The Rola Model "K" is the latest addition to the famous Rola line. Beautifully silvered finished speaker with an oversized field. 11" overall; 8" cone. Will handle an enormous amount of power and is recommended for the larger type of console receivers. Field ohmages available: 800-1000-1250 and 1800 with 300 ohm tap and 2500. Outputs can be matched for all type power tubes. Specify type when ordering.

Cat. No. 408.
Our Price $4.25

Cat. No. 408-AC.
(A.C. Model) with tube. Our Price ... $6.95

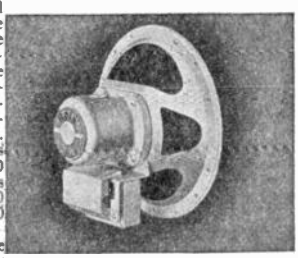
Model "F" Dynamic Speaker Chassis



The most popular of the entire line of Rola Dynamic Speakers. Used in many of the midget receivers all over the country. Field coil resistances may be had in 2500 ohm, 1800 ohms tapped at 300, 1250 ohms, 1000 ohms and 800 ohms.
Output transformers may be had to match any type of power tubes, single or push-pull.
When ordering it is important that you state the type of power tube to be used with this speaker.

Cat. No. SD1713.
"F" Model. Price..... $3.95
A.C. Model, with tube.
Our Price $5.95

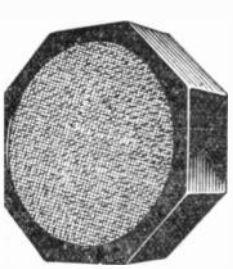
Model F-5 6 Inch Dynamic Speaker Chassis



Here is a small speaker that will rival speakers twice its size for tone quality and sensitivity. These speakers are considered the standard for small receiver installation. Field coil resistances are available in 2500 ohms, 1800 ohms tapped at 300, 1250 ohms and 1000 ohms. Output transformers can be matched for any type of power output tube, push-pull or single.

Cat. No. SD1712. Price..... $2.75

Automobile Speaker

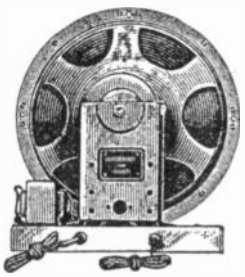


Well adapted for use in automobile or portable radio receivers. In the design of this speaker great care was taken by Rola engineers to sacrifice none of the tonal qualities that characterize Rola Speakers.
They have a 4 ohm field resistance and will work off a storage battery or "A" eliminator (if the speaker is to be used in the home).
Output transformers may be secured for any type power output tube. Overall dimensions of speaker are 9½" x 9½" x 3½".

Cat. No. SD409. Price..... $4.95

One of the most famous speaker manufacturers in the country.

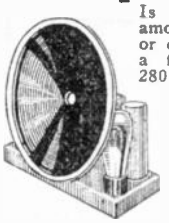
Auditorium Dynamic Speaker



An exceptional buy!!! A powerful speaker chassis with an 11¾ inch baffle opening (outside). Flat response curve from 50 to 9000 cycles, providing fidelity of reproduction seldom found in higher priced units. Uses an '80 type tube for rectification purposes. Can be supplied with either single or push-pull output transformer. Overall dimensions, 12¾ inches high, 12 inches wide, and 6¼ inches deep.

Cat. No. SD4407.
Our Price, with tube $7.95

A.C. or D.C. Midget Dynamic Speaker Chassis



Is capable of handling a large amount of volume without rattling or distorting. The A.C. model uses a field supply transformer and a 280 rectifier tube in conjunction with an 8 mfd. electrolytic condenser to reduce hum to a minimum. The D.C. models are available with the following field resistances: 2500 ohms and 1800 ohms tapped at 300 ohms.
Output transformers may be had to match any type of power output tube.

Cat. No. SD4412.
(A.C. Model) With tube $5.95
Cat. No. SD4406.
(D.C. Model) $3.10

Permanent Magnet Dynamic Speaker Chassis

This speaker makes possible a battery operated receiver with performance equal to that of the finest power sets, for home use without electric service. No field excitation is required due to its oversized permanent magnet. It is especially adaptable for installations in hotel lobbies, schools, multiple installations, and on public address systems where no field supply current is available. Transformers may be had to match any type power output tubes, push-pull or single.

Cat. No. SD4410-A.
(6 inch Model) $7.25
Cat. No. SD4410.
(8 inch Model) $7.35
Cat. No. SD4411.
(10 inch Model) $8.57

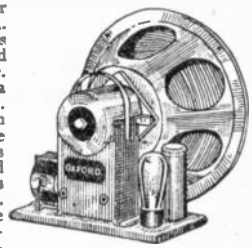
Automobile Dynamic Speaker

This speaker is adaptable for use on automobile or battery operated receivers. It has a 6 ohm field resistance and will work off a storage battery or "A" eliminator. Mounting screw permits installation on dash by drilling only one hole. Transformer may be had to match any type of power output tube, push pull or single.

Cat. No. SD4412.
6½ Inch Model..... $5.95

Oxford A.C. or D.C. Auditorium Dynamic Speaker Chassis

14" AUDITORIUM



The greatest speaker ever made by Oxford. 14 inch cone. Utilizes the patented Oxford suspension principle. Takes a baffle with a 12½ inch opening. Oversize frames with extra gauge wire in the field coil, which gives the speaker higher field strength and permits greater energization. The use of a 280 tube to supply the field assures a powerful hum-free supply. The D.C. model has a 4,000 ohm field which can be energized from the power packs of amplifiers or from a 110 volt D.C. line.

Cat. No. SD511.
(A.C. Model) with tube. Our Price.... $7.50
Cat. No. SD512.
(D.C. Model). Our Price $5.50

Oxford A.C. and D.C. Concert Models

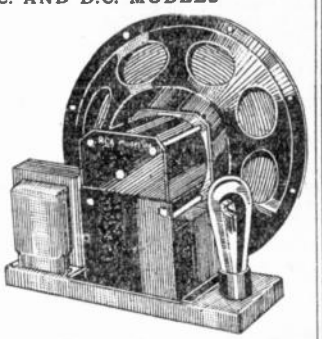
11½" CONCERT MODEL

These dynamics are of the three point suspension balanced cone type. The A.C. models use a 280 rectifier tube in conjunction with an 8 mfd. electrolytic condenser to assure minimum A.C. line hum.
The D.C. models have a field resistance of 2,500 ohms, and can be used as replacement speakers for many sets. Output transformer may be had for single or push pull output tubes.

Cat. No. SD513.
(A.C. Model with 280 tube). Our Price $5.95
Cat. No. SD514.
(D.C. Model). Our Price..... ..... $3.95

R.C.A. Dynamic Speakers

A.C. AND D.C. MODELS



The standard by which others are judged. Designed by R.C.A. Victor for use in largest console combinations and phonograph assemblies. Widely used in de luxe radios and public address installations. Cone is of special ribbed material preventing rattling and resonance effects. Remarkably realistic in reproduction. Will handle 5 watts without distortion.

A.C. MODEL

A compact assembly designed to use the tube rectifier field power supply. No disc rectifiers to deteriorate or cause replacement problems. Supplied complete with output transformer to your specifications. Brilliant design eliminates defect of earlier models. One of our specials. Overall height 12¼".

Cat. No. SD1702. (With 280 tube) $9.45

D.C. MODEL

Reproducer unit is rigidly constructed. Not affected by moisture or weather conditions. Field resistance 7,500 ohms. Requires 200-300 volts at 25-40 M.A. for full excitation. 10¼" diameter; 6½" high.

Cat. No. SD4421. Our Price.... $4.95

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Public Address and Dynamic Speaker Units

WRIGHT DeCOSTER REPRODUCERS

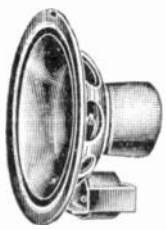
For years the Wright De Coster speakers have led the field in tonal reproduction . . . sensitivity . . . durability . . . workmanship. Wright De Coster speakers are now being used all over the world in radio receivers, public address systems and theatres. Our new low prices now place these speakers within the competitive price range.

12 Inch D.C. Dynamic Speaker Chassis

A 12 inch speaker suitable for use on public address systems and console model radio receivers. Is capable of handling 6 watts of undistorted output without rattling or blasting. Field resistances are available in 2500 ohms, 1800 tapped at 300 ohms, 1250 ohms, and 1000 ohms.
Output transformers can be supplied for any type power tube in single or push-pull output circuits. Dimensions: 12⅛ inches overall height, 8⅞ inches deep. Cone diameter is 10 inches. Type 225.

Cat. No. SD-407. Our Price $9.70

Midget 8" Chassis



Especially designed for those who may need a speaker unit of compact size. Will handle push-pull 245 or 247 without rattling or blasting. The overall dimensions of the speaker are 8½ in. high and 4⅝ in. deep. Cone diameter is 6 inches.
The field resistances available are 800, 1000, 1250, 1800 tapped at 300, and 2500 ohms.
Output transformers can be supplied for any type of power tubes, single or push-pull.
Please specify type of power tube being used when ordering.

Cat. No. SD-406, 8 Inch. Our Price $4.40
Cat. No. SD-4442. No. 265. 10 Inch. Our Price $6.17

A.C. Midget Dynamic

This speaker is the same size as the one listed above. The difference being in the fact that the field requires an A.C. line supply for energy. It is especially adaptable for use as an additional speaker. Has a uniform response over the entire audio range. Dimensions 9¼ inches high overall, 10 inches wide at the base and 4⅝ inches deep. The speakers can be had to match any type of power tube. Please specify type to be used when ordering.

Cat. No. SD-1710. Our Price $6.95

Public Address and Auditorium Dynamic Chass

No finer speaker has ever been designed for public address work than the famous Wright De Coster.
Due to its operating flux of 145,000 magnetic lines in the air gap, distortionless reproduction is assured.
Official tests have proved that this speaker will handle an undistorted output of 25 watts without any signs of breakdown or rattle. It is without doubt the finest public address speaker available. Dimensions: 12½ inches high, 12 inches wide, and 9¼ inches deep.
It is important, when ordering speaker, to mention type of power tube or tubes to be used, so that we can match proper impedance.

Model 207: For 110-115 volt A.C., 60 cycle—
With Output Transformer..... **$42.60**

Model 208: For 110-115 volt A.C., 60 cycle—
Less Output Transformer..... **$40.18**

Model 205X: For 110 volt D.C., 750 ohm field—
Cat. No. SD-401.
With Output Transformer..... **$30.50**

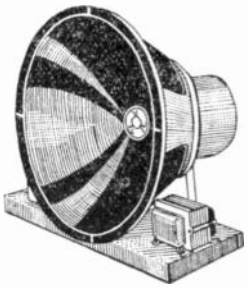
Model 206X: For 110 volt D.C., 750 ohm field—
Cat. No. SD-401A.
Less Output Transformer..... **$27.64**

Model 215X: For 110 volt D.C., 750 ohm field—
Cat. No. SD-404.
Our Price **$19.99**

Model 215: For 220 volt D.C., 2500 ohm field—
Cat. No. SD-405.
Our Price **$19.99**

Model 217: For 110-120 v. A.C., 25-50-60 cycle operation—
Cat. No. SD-403.
Our Price **$29.40**

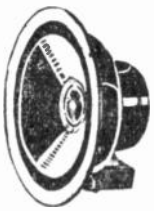
12 Inch A.C. Auditorium Model



This speaker is especially suitable for use on public address systems where the finest type of reproducers are required. Will handle 6 watts of undistorted output without rattling or blasting. The speaker is equipped with a 280 rectifier tube and an 8 mfd. electrolytic condenser to assure minimum A.C. line hum. Dimensions: 12¾ in. high, 12 in. wide at the base, and 8⅞ in. deep.

Cat. No. SD-1711. Our Price $14.50

6 Inch "Midget" Dynamic Speaker Chassis



Here is a remarkable "midget" dynamic with remarkable volume and clear undistorted tone. It is made especially for high grade instruments. Will out-perform many of the larger types of speakers now on the market.
Outside diameter of speaker is 6⅜ inches, inside diameter of cone is 4½ inches, and depth is 3⅛ inches.
Can be furnished in 2500, 1800 ohms tapped at 300, 1250, and 1000 ohm fields.
Output transformers can be matched for any type of power tubes. Please specify type when ordering.

Cat. No. SD-410. Our Price, complete with output trans... $2.95

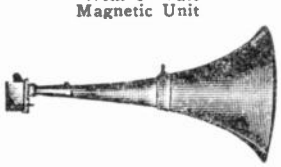
Automobile Speaker

This speaker in an automobile will increase the performance of the receiver beyond expectation. None of the Wright De Coster features have been omitted in the manufacture of these speakers. Every audible frequency is perfectly reproduced at any volume with brilliance and fidelity.
Dimensions: 7¼ inches by 3⅛ inches deep. Speaker is supplied with output transformer to match two 238's in push-pull. Output transformers can be supplied for any other type power output tube or tubes.

Cat. No. SD-413. Our Price $4.45

Hy-Flux Trumpet

With 3 Watt Magnetic Unit



For those not having any field supply available we highly recommend this Wright De Coster product. The speaker is supplied with an exceptionally powerful magnetic unit which will withstand 3 watts of power output. The Trumpet is supplied with mounting rings for suspension purposes. Dimensions: 3 feet 9½ inches long, opening at bell 20 inches.

Cat. No. 4437. Our Price $35.28
Speaker Unit Only. Cat. No. 4438. .... $20.58

Baffle Horns

Used in large public address systems, installations in airports, theatres, and sound trucks. Two types are available, No. 6 and No. 10. The No. 6 type is more directional, therefore covering a farther distance than the No. 10.
No. 6 Dimensions: Length 48 inches, bell opening 23x22 inches.

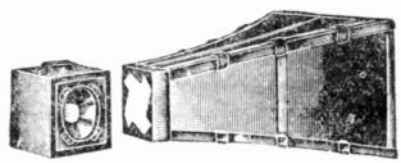
Cat. No. 4439. Our Price ... $22.34

No. 10: Overall length 48 inches, bell opening 30x21½ inches.

Cat. No. 4440. Our Price $22.34

Portable Horn With A D.C. Dynamic Cone Type Unit

EASILY PORTABLE AND COMPACT



The entire unit weighs only 41 pounds, therefore making it easy to handle and to be hung in position by attaching a wire to the two eyelets provided on the horn and on the handle of the speaker housing. The housing is easily detachable from the horn without the use of any tools. A wire screen over the opening in the housings prevents any damage in transport.
The speaker is sensitive enough to operate on one watt with satisfactory results and yet is capable of handling 9 watts without distorting or rattling. A terminal strip which is easily accessible from the outside has three different impedances, 500, 1500, and 4000 ohms, enabling the user to adapt the speaker to practically any type amplifier without the need of any additional coupling transformer. Field terminals are also mounted on the strip with positive and negative identification marked plainly to make connections a simple matter.
The standard field resistance of this speaker is 6000 ohms; however, any field resistance can be furnished to order. Dimensions: 10¼"x10¼"x7¼" deep.

Cat. No. 4441. Horn and Chassis. Our Price $42.92

Prompt Service - Shipments within 24 Hours

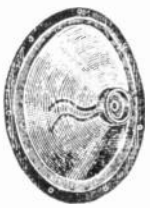
Speaker Replacement Parts

Radiola 106 Dynamic Speaker Replacement Cone

The exact duplicate of the R.C.A. 106 Dynamic Speaker cone. Fibre spider on voice coil prevents cracking and provides for a tremendous amount of volume without rattling or blasting. The voice coil impedance matches that of the original R.C.A. cone. The material is exactly the same as used on the original.

Cat. No. 5354.
Our Price **95c**

Victor Dynamic Speaker Cone



Replacement cones for Victor Speakers used in the following Victor Model Sets: R-32, R-52, RE-45, and RE-75. Every cone comes complete with Voice Coil. Voice Coil Impedance 15 ohms. Designed to conform to original specifications.

Cat. No. 5330.
Our Price **69c**

Replacement Dynamic Cones and Voice Coil

We can furnish Cones and Voice Assemblies for the following Standard Dynamic Speakers:

Make of Speaker	Size	Cat. No.	Our Price
Atwater Kent	11″	5310	$2.40
Bosch	11″	5359	1.90
Bosch	10″	5360	1.60
Brunswick D	9¼″	5361	1.90
Brunswick B	14½″	5362	2.40
Brunswick E	14½″	5363	2.40
Colonial 33	12¼″	5311	1.90
Decatur	9½″	5312	1.60
Earl Inductor	10″	5364	.80
Eveready	10″	5313	1.60
Eveready	12¼″	5314	1.90
Farrand Dynamic	7″	5315	1.90
Farrand Inductor	7″	5315A	.69
Farrand Ind. Dyn.	11″	5316	.95
First National	10¼″	5317	1.60
Freed-Eisemann NR80, NR87	10″	5318	2.40
Jensen DC7 Concert	11¼″	5319	1.90
Jensen D9, D15	8½″	5369	1.30
Jensen D4	9½″	5370	1.90
Jensen Auditor	13″	5371	3.25
Kolster	11″	5320	.15
Magnavox	6″-8″	5321	1.90
Magnavox	10″-12″	5372	1.90
Majestic 70, 90		5322	1.60
Majestic G1	9″	5365	1.25
Majestic G2	9″	5366	1.25
Majestic G3	11″	5367	1.25
Majestic G5	14″	5368	2.25
Newcomb-Hawley	9″	5373	1.90
Oxford	9″	5324	1.60
Oxford	8¼″	5325	1.90
Peerless copper coil	8½″	5341	1.35
Peerless copper coil	10¼″	5342	1.60
Peerless copper coil	12″	5343	1.80
Peerless copper coil	14½″	5344	2.10
Peerless wire wound coil	8½″	5345	1.25
Peerless wire wound coil	10¼″	5346	1.40
Peerless wire wound coil	14½″	5347	2.40
Pearlco		5326	.85
Philco 65-90	11″	5374	1.28
Philco 20		5375	1.28
RCA Photophone	12″	5358	2.25
RCA 104	10¼″	5352	1.70
RCA 105	8″	5353	1.70
RCA 106	8″	5354	.95
Rola F	8″	R5327	1.49
Sterling	9″	5376	1.90
Stromberg-Carlson	12½″	5377	2.55
Stromberg-Carlson	9″	5378	1.90
Sparton No. 737	9″	5379	1.90
Steinite	10″	5380	1.62
Symington	10″	5329	1.60
Symington	12¼″	5340	1.90
Temple	11″	5349	2.40
Temple Auditorium	14″	5350	2.40
Utah	9″	5351	1.60
Utah Stadium	12″	5381	1.55
Victor RE32, 45	9″	5355	.69
Wright-DeCoster	8″	5356	1.90
Wright-DeCoster	10″	5356A	1.95
Wright-DeCoster	12″	5382	2.55
Zenith 52	12¼″	5383	1.90

A COMPLETE LINE OF CONES IN STOCK AT ALL TIMES. SHOULD YOU HAVE A CONE THAT IS NOT LISTED IN THIS CATALOG FORWARD IT TO US AND WE WILL BE PLEASED TO QUOTE YOU PRICE.

Replacement Cones for All Types Magnetic Speakers

We carry a complete line of cones for replacement on magnetic speakers.

Cat. No.	Make Speaker— Size Cone	Our Price
5302A.	B.B.L. 9 inch burtex with Apex	35c
5303A.	Farrand Mag. 9 inch paper	25c

Cat. No.	Size	Our Price
5305A.	12 inches	$.10
5306A.	18 inches	.15
5307A.	24 inches	.25
5308A.	36 inches	.35

Replacement Armatures for Magnetic Speakers

We can supply servicemen with replacement armatures and pins for the following magnetic speakers:

Cat. No.	Type Speaker	Our Price
5394.	Farrand Magnetic Unit	$.15
5395.	Farrand Inductor	.40
5396.	B.B.L. Magnetic	.15
5397.	Duo Magnetic Unit	.25

Grill Cloth

10″ x 10″

A well woven metallic cloth for beautifying speaker grill openings of regular type midget consoles and cabinets. Once put in place will not sag, stretch, or wrinkle.

Cat. No. 5398.
Our Price **10c**

Grill Cloth

10½″ x 10½″

Full size speaker grill cloth. Beautifully designed with a black and silver finish. Similar to the cloth in the R.C.A. 100B speaker.

Cat. No. 5398A.
Our Price **10c**

Apexes and Chucks for Cone Type Speakers

Replacement apexes and chucks to fit all types of cone speakers. Specify make or angle degree of cone.

Cat. No. 5399. Chucks only (less plates or washers).
Our Price **10c**

Cat. No. 5301A. Apex (complete with plates). Our Price **15c**

Replacement Coils for Magnetic Speakers

The coils listed below are the original coils now used in the following speakers:

Cat. No.	Type Speaker		Our Price
5384.	R.C.R. 100-B	pair	$.40
5385.	R.C.A. 100-A	pair	.50
5386.	R.C.A. 103	pair	.50
5387.	Farrand Magnetic	pair	.50
5388.	Vitalitone Speaker	each	.25
5389.	Farrand Inductor Dynamics	pair	.50
5390.	Giant B.B.L. Chassis	each	1.50
5391.	B.B.L. Magnetic Chassis	pair	1.00
5392.	Duo Magnetic Unit	each	.50
5393.	Pathe Speaker	each	.25

Genuine R.C.A. Speaker Cones

The same type cone that is utilized in the R.C.A. 100A, 100B, and 103. Specify type of speaker when ordering.

Cat. No. SC-5368.
Our Price **50c**

Temple Comparator

An arrangement whereby it is possible to listen to any of several speakers attached to the comparator. It is possible to use from 2 to 5 speakers. A handy item to have in the service laboratory.

Cat. No. 3750A.
To Accommodate 2 Speakers. Our Price..... **59c**

Cat. No. 3750. To Accommodate 4 Speakers. Our Price **75c**

Cat. No. 3750B. To Accommodate 2 Speakers. Our Price **95c**

Farrand and Symington Speaker Cones

The genuine speaker cone paper as used on the above mentioned speakers. Servicemen and amateurs who repair all types of speakers will find many uses for the above.

Cat. No. 5331. Farrand Paper 7″ & 10″. Our Price, per doz. **50c**

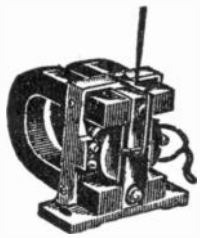
Cat. No. 5332. Symington Paper 10″. Our Price, per doz... **50c**

Replacement Field Coils

Cat. No.	Set or Speaker	Ohms	Your Cost
FC5301	Atwater Kent 53-55-65	650	$2.90
FC5302	Atwater Kent 53-55-65	1750	3.20
FC5303	Colonial 31-32	400	5.40
FC5304	Colonial 31-32	6000	5.90
FC5305	Colonial 33 A.C.	2500	3.20
FC5306	Colonial 33 A.C.	6000	3.20
FC5307	Colonial 33 D.C.	550	2.90
FC5308	Colonial 33 D.C.	900	2.90
FC5309	Crosley M 45	350	2.90
FC5310	Crosley M 45	1500	3.20
FC5311	Crosley M 45	2500	3.20
FC5312	Everready 10″	2250	3.20
FC5313	Everready 12″	2250	3.20
FC5314	Fada P	800	2.50
FC5315	Jensen D4	2250	3.20
FC5316	Jensen D7-D8	1500	3.80
FC5317	Jensen D7-D8	2500	3.80
FC5318	Jensen D9-D15	550	2.20
FC5319	Jensen D9-D15	1000	2.50
FC5320	Jensen D9-D15	1250	2.50
FC5321	Jensen D9-D15	1650	2.90
FC5322	Jensen D9-D15	1800	2.90
FC5323	Jensen D9-D15	2500	3.20
FC5324	Jensen D12	2300	3.20
FC5325	Magnavox	1000	.97
FC5326	Magnavox	1800	1.09
FC5327	Magnavox	2000	1.18
FC5328	Magnavox	2300	1.03
FC5329	Magnavox	2500	1.09
FC5330	Magnavox	3000	1.21
FC5331	Magnavox	5000	1.32
FC5332	Magnavox	7500	1.47
FC5332	Majestic G1	2750	3.80
FC5333	Majestic G2	2750	3.80
FC5334	Majestic G5	1000	3.80
FC5335	Newcomb-Hawley	2500	3.20
FC5336	Newcomb-Hawley	7500	3.20
FC5337	Philco 65, 76, 77, 86, 87, 95, 96, 111	Philco Part No. 2850	1.95
FC5338	Philco 20, 21	2768	.75
FC5339	Philco 50, 51, 52	02942	1.95
FC5340	Philco 70, 90	02987	1.35
FC5341	Philco 90, 112	02988	3.00
		Ohms	
FC5342	Peerless 8½″-10¾″	575	3.35
FC5343	Peerless 8½″-10¾″	1500	3.95
FC5344	Peerless 12″-14½″	1000	3.80
FC5345	RCA 57	15	2.90
FC5346	RCA 57	1200	3.20
FC5347	RCA 106	550	3.20
FC5348	RCA 106	6000	3.35
FC5349	Rola Series C	250	3.35
FC5350	Rola Series C	1500	3.95
FC5351	Rola Series F-K	1200	1.90
FC5352	Rola Series F-K	1500	1.90
FC5353	Rola Series F-K	1800	1.90
FC5354	Rola Series F-K	2500	1.90
FC5355	Rola Series F-K	6000	1.90
FC5356	Rola Series L	15	2.50
FC5357	Rola Series L	2500	3.20
FC5358	Sparton	5000	1.50
FC5359	Stromberg-Carlson	2500	3.80
FC5360	Stromberg-Carlson	7500	3.95
FC5361	Temple (all models)	250	3.95
FC5362	Temple (all models)	2250	4.20
FC5363	Utah 9″	2250	3.20
FC5364	Victor 32-45-75	3000	1.75
FC5365	Zenith 52	550	3.20
FC5366	Zenith 52	2500	3.80
FC5367	Zenith 52 (early models)	2500	3.80

SPEAKER REPLACEMENT PARTS

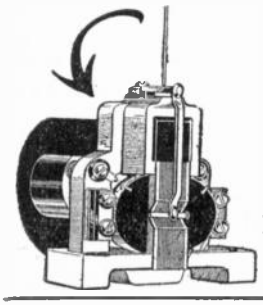
Duo Magnetic Unit



A balanced armature type unit that can be used in the construction of all types of speakers—diaphragm or cone type. Its excellent fidelity and sturdiness makes it a popular unit with those who build their own speakers. Uses double magnet to improve sensitivity and tone qualities. Will take up to 300 volts of power without rattling or blasting.

Cat. No. 3011.
Our Price **$1.95**

B.B.L. Magnetic Unit



Regarded by many as the finest unit ever made. It is strongly built of the finest materials. Due to its superior design it will not blast or rattle when overloaded. The armature is accurately centered between the two pole pieces with only a small separating gap, making the unit unusually sensitive to weak signals.

Cat. No. 3003.
Our Price.. **95c**

Farrand Magnetic Unit

Uses two speaker coils of heavy gauged wire which permits any amount of current to flow through them without burning out. Balanced armature type—thus preventing chattering or blasting.

Excellent for use as a replacement. Will drive any type of speaker, magnetic, cone, airplane, etc. Dimensions: 4½" high, 3" wide, and 3¼" deep from tip of driving rod to back of unit.

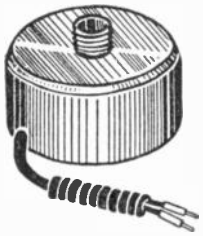
Cat. No. SU3014.
Our Price **$1.25**

Nathaniel Baldwin Unit

You will be quick to notice the wonderful sensitive reproduction this unit delivers. Music or voice is reproduced with a natural clear tone that you would not ordinarily expect from this type unit. Will operate very successfully with power trumpets or speakers where the utmost clarity is required. Even under an overload it will not blast or chatter

Cat. No. 3009. Our Price..... **40c**

Utah Horn Unit

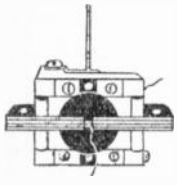


An excellent horn unit made by Utah. Nickel finish. Comes equipped with a 4 ft. speaker cord. Hole for mounting horn is ⅞" wide. Dimensions: 3" wide and 2¼" high.

Cat. No. SU3015.

Our Price **95c**

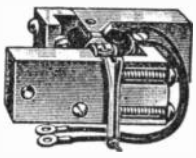
Farrand Replacement Unit



Will fit the Farrand Magnetic type speakers. Complete with driving pin, pole pieces and voice coil. Armature pin will fit any type magnetic speakers.

Cat. No. 5333.
Our Price **75c**

RCA Replacement Unit



The genuine replacement unit mechanism for the R.C.A. 100A, 100B, and 103 speaker chassis. This unit is complete in every detail except that it is furnished less the magnet. Guaranteed to be in perfect condition. Can also be used for replacement purposes on any other type speaker.

Cat. No. SU3016.
Our Price **95c**
With Magnet **$1.25**

Celotex Baffle Board

Superior to wood, made of sugar cane fibre pressed into board form. 1" thick (standard).

Cat. No.	Size	Price
3825	12"x12"	$.25
3826	18 x18	.60
3827	24 x24	1.00
3828	36 x36	2.50
3829	48 x48	4.25
3830	36 x72	4.98
3831	48 x72	6.95

SPECIAL
A 13" x 13" Celotex with a 10" hole.
Cat. No. 3832.
Our Price.... **10c**

10" x 10" Baffle Box

Will accommodate any speaker up to 9" in diameter. The material used in the making of this baffle box is ideal because of its non-resonant qualities. Can be had finished in copper or unfinished.

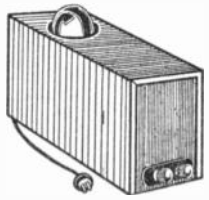
Cat. No. 5302.
Finished.
Our Price **$1.00**
Cat. No. 5303.
Unfinished.
Our Price **75c**

Exponential Horn

An exponential air column horn for magnetic and dynamic speakers. Can be used where space is limited as this horn is only 14½ inches long, 9 inches deep and 9½ inches wide. Improves tone and increases volume. Made of non-resonant material.

Cat. No. 5415.
Our Price **69c**

Powertone Field Exciter



A unit that enables one to use a D.C. speaker on A.C. current. No soldering necessary, just plug into light socket, connect two field leads to binding post on exciter, and speaker will be ready to operate. Comes complete with 280 rectifying tube, and an 8 mfd. dry electrolytic condenser to minimize A.C. current hum. Will supply field with resistances from 1000 to 5000 ohms.

Cat. No. 5304. Our Price..... **$2.95**

TRY-MO RADIO CARRIES A COMPLETE LINE OF SPEAKER REPLACEMENT PARTS IN STOCK AT ALL TIMES. SHOULD YOU HAVE A DEFECTIVE SPEAKER PART DO NOT HESITATE TO WRITE US AND WE WILL BE GLAD TO QUOTE YOU THE LOWEST OBTAINABLE PRICE.

Baldwin Headphones

Baldwin phones are known the world over for their remarkable sensitivity and ruggedness. They will enable you to bring in and log distant stations that are difficult or impossible to pick up by any other means. The two units used with each headset are perfectly matched for quality and maximum volume.

Cat. No. 3013.
Our Price **$2.95**

Acme Headphones

Several superior features are incorporated in the new Acme phones which add greatly to their efficiency and to their quality of reproduction. An exceptionally small, low price head phone for amateurs, experimenters and for any installation. It is a high grade, light weight comfortable head phone. The increased width of the diaphragm seat gives better reproduction. An aluminum tone plate under the diaphragm acts as a sounding board. The permanent magnet possesses superior sensitivity.

Cat. No. 3005. 2000 ohms.
Our Price **95c**
Cat. No. 3005A. 400 ohms.
Our Price **$1.05**

Brandes Superior Headphones Unbreakable Caps

Recognized as the standard in headphones. Lightweight and extremely sensitive. Unbreakable caps are a feature of this popular type phone. Equipped with 5 ft. phone cord. Adjustable headband.

Cat. No. PR3017.
Our Price **$1.25**

BRANDES EARPHONE PARTS
REPLACEMENTS FOR BRANDES AND ALL STANDARD EARPHONES

Unbreakable Aluminum or hard rubber caps.
Cat. No. PR3018.
Our Price, each **22c**
Double phone cords with lugs and tips on opposite ends.
Cat. No. PR3019.
Our Price **15c**
Adjustable headbands, flexible steel, leather covered.
Cat. No. PR3020.
Our Price **30c**

Cannon Ball Headphones

An accurately matched set of earphones, each unit consisting of high flux magnets surrounded by a field resistance of 2,000 ohms. Can be worn for hours at a time without any discomfort. Adjustable headband. Complete with 6 ft. cord.

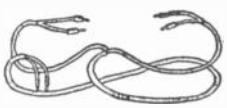
Cat. No. HP3021.
Our Price **$1.10**

Earphone Cushions

Made of soft resilient rubber. Recommended for amateurs, wireless operators and others who use headphones for long periods.

Cat. No. PR3022.
Our Price, pair **25c**

Earphone Cord



A five foot earphone cord consisting of lugs on one end, and tips on the other. Strong and flexible. Tips are soldered on securely to permit handling without breaking off easily.

Cat. No. PR3023.
Our Price **15c**

We Guarantee to MEET or BEAT competition-

POWERTONE Battery Operated RECEIVERS

The new Powertone receivers were principally designed in response to a continuous demand for a highly sensitive yet easily tuned battery operated receiver. The three sets listed below each have a single dial control to aid in simplifying tuning. Each of the Powertone receivers use the new two volt tubes, which were chosen because of their low current consumption, hence low operating costs. The circuits are newly developed and are highly efficient. The cabinet is attractively made of hand rubbed satin finished walnut.

1 Tube Set

An ideal gift for the boys!!! Compact, excellent for camping and excursions, as well as for use in the home. Requires 2 dry cells, one 45 volt "B" battery and one type '30 tube. Rheostat for control of filament voltage is mounted on the panel.

Cat. No. 5702. Our Price **$2.95**

Complete with batteries, tube and headphones—
Cat. No. 5702C. **$5.25**

2 Tube Receiver

The two tube receiver is more sensitive than the one tube. Fundamentally the same. Uses 45 to 90 volts of "B" battery. 2—1½ volt dry cells for "A" supply. High grade parts used throughout the entire construction.

Cat. No. 5703. Our Price **$3.95**

2 Tube receiver complete with 2—45 volt "B" batteries, 2 dry cells and headphones—
Cat. No. 5703C. **$7.00**

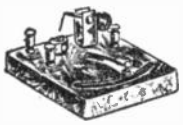
3 Tube Set

The three tube receiver is similar to the one and two tube sets, but has sufficient gain to operate a loudspeaker. Uses two "B" batteries, one 22½ volt "C" battery, and two 1½ volt dry cells. Uses two 230 and one 231 power tube.

Cat. No. 5704. Our Price **$4.95**

3 Tube receiver complete with 2—45 volt "B" batteries, 1—22½ volt "C" battery, 2—1½ volt dry cells, and headphones—
Cat. No. 5704C. **$8.75**

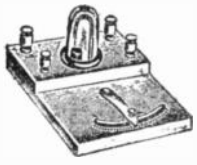
Philmore "Little Wonder" Crystal Receiver



The most inexpensive radio receiver on the market. Costs absolutely nothing to operate. All that is required is a pair of earphones and an aerial, and you are all set to listen to broadcasts within a radius of 25 miles. Ideal for homes, colleges, at the seashore, mountains, picnics, boats, etc. Very sensitive crystal insures quick location of stations, with adjustable cat whisker. Shipping weight 1 lb.

Cat. No. CR-5718. Our Price **59c**

Philmore Supertone Crystal Receiver



A rigidly constructed receiver that will render wonderful service. Has a range of 200 to 600 meters with receiving range of over 25 miles, and under favorable climatic conditions, within 100 miles. Reception is loud and clear without distortion of any kind. Also utilizes the famous Philmore glass enclosed, dust proof crystal detector, which houses the equally famous Philmore supersensitive crystal.

Cat. No. CR-5716. Our Price..... **75c**

Philmore "Blackbird" Crystal Receiver

A new and up-to-date crystal set. It will bring in broadcasting loud and clear. Will provide unusual entertainment for both young and old as it is not a toy but a real set. Front piece is of nickeloid with a bright nickel finish. Black leatherette finish cabinet. Uses the glass enclosed dust proof crystal.

Cat. No. CR-5715. Our Price **$1.77**

A pair of lightweight phones particularly suited for these crystal receivers for **95c**

"Pandora" Crystal Set

This is the ideal crystal receiving set for the home. Brings in the pleasures of radio within the reach of everyone. The wonderful musical and other programs, which are being broadcasted daily, are brought to the listener by this receiver without the slightest sacrifice in quality. "Pandora" has the added advantage of costing nothing to operate. It is a well-known fact that the crystal receiving set is the most faithful reproducer of broadcasting so far devised. Does not distort and does not add irritating noises to the entertainment being received. Recreates both music and human voice with absolute fidelity to the broadcasting artist. No technical knowledge is necessary to install or operate it.

Cat. No. CR-5719. Our Price **$1.05**

Powertone Battery Operated Short Wave Receiver

Here is a receiver that is remarkable and efficient for the reception of short waves. It will cover the wave lengths from 15 to 200 meters without a gap, due to the effective regeneration control and low loss system employing Hammarlund condensers. Will receive all types of short waves—Police Signals . . . Air Craft . . . Amateurs . . . Phone . . . C. W. . . . Ship-to-Shore Signals. Four Powertest color-coded plug-in coils are furnished. Uses new 2-volt tubes—one 232 screen grid, and one 233 power pentode, which induces greater amplification and sensitivity. Beautiful walnut veneer cabinet with Full-Vision vernier tuning dial.

Cat. No. SW-5708. Our Price (with tubes) **$8.95**

Cat. No. 5710. Set Batteries (3—45 volt "B" 1—22½ volt "C," 2—1½ volt dry cells). Our Price **$2.75**

B.M.S. Crystal Detector

A fine quality fixed crystal of the iron pyrite type. Extremely sensitive. Has long life. Can be used in either ordinary crystal receivers or in reflex type of sets. Made to withstand high voltage. Enclosed in a beautiful bakelite housing.

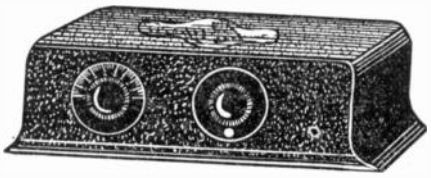
Cat. No. 5717. Our Price **54c**

Glass Enclosed Crystal Detector

Complete with super sensitive crystal, glass enclosed. Equipped with bushing and screws for easy mounting. with bushing and screws for easy mounting.

Cat. No. 4713. Our Price **27c**

Atwater Kent Model 35 Battery Receiver Single Dial Control



One of the most popular of Atwater Kent's Battery Receivers. Small sized metal cabinet measures only 17½" x 8" x 5". Full-Vision single dial control is an added feature. Uses a very sensitive, high gain T.R.F. circuit. The input stage is untuned, allowing for perfect results over the entire dial scale. Receiver uses five 201A's and one 112A or 171A power tube. The new two-volt tubes can be adapted to this receiver without change of wiring. If 2-volt tubes are to be used, the set will require five 230's and one 231. Floor models—guaranteed excellent condition.

Cat. No. BR-5701. With set of tubes. **$9.95**

R.C.A. Semi-Portable Superheterodyne Model A-R 812

This semi-portable uses six UV199 tubes. No antenna is needed as it has a built-in loop. End compartments provide space for batteries. The catacomb assembly makes a fine intermediate frequency for short wave superheterodyne receivers. Just the receiver to use for the car, camp or boat. Cabinet is 35" long, 11½" high and 11½" deep. Shipped complete with tubes. Floor models—guaranteed excellent condition. Complete with tubes

Cat. No. BR-5707. Our Price **$8.85**

A Set of Modern Telephones Real Phones

USEFUL! COMPACT!
ECONOMICAL!
GOOD LOOKING!
UP-TO-DATE!
ALL COLORS!
FOR HOME! FOR OFFICE!
FOR FACTORY!

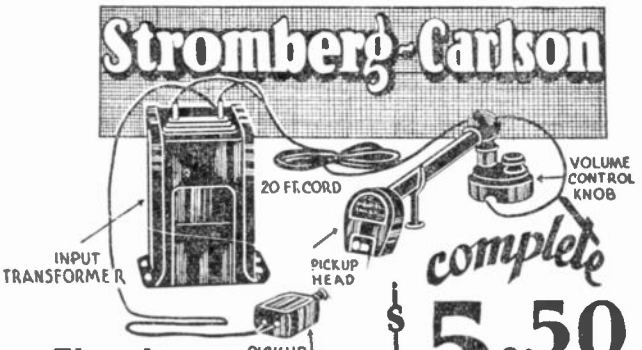
Real Phones are the new two-way telephones that operate on standard dry cell batteries. Modern, compact and good looking French style phones. No installation necessary. No complicated mechanism. Furnished in colors—green, ivory, Chinese red and Black. Packed in complete sets (except batteries) including two Real Phones and buzzers, 35 ft. of wiring, and complete instructions. Especially convenient as room-to-room, house-to-garage telephone. Equally useful in offices, factories, public garages, restaurants, stores, etc. Additional wiring may be added as required.

Cat. No. 2701. Our Price **$3.95**

STROMBERG - CARLSON

Magnetic Phonograph Pickup Outfit

A remarkable value! A product of one of the oldest manufacturers of sound reproduction, transmission and telegraph equipment Ask any engineer! This pickup embodies twenty years of experience in electrical design, assuring the utmost in value. True tone is assured; at the same time volume has not been sacrificed and the unit gives ample output when used with any good receiver to reproduce at a volume level equivalent to any good broadcasting station. When used without the transformer the reproducer is low impedance--with the transformer the output is of high impedance. Thus it can be used with any radio set or amplifier on the market.



complete $5.50

There Is Nothing Finer Than A Stromberg-Carlson

HEAD

Perfectly balanced. Uses finest Swedish steel magnet, assuring a high magnetic field strength which remains constant. The armature is delicately balanced to respond to the slightest vibration, yet is protected from annoying chattering present in many pickups on loud passages. Output impedance approximately 2000 ohms at 1000 cycles.

TONE ARM

Fool proof in construction with oversized bearings, assuring accuracy of alignment even after long use. Head is balanced by a built-in spring permitting the proper weight on the record, at al ltimes. A matched volume control is mounted into the assembly, providing smooth adjustment from a whisper to full volume.

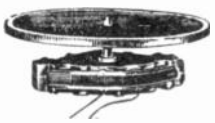
MATCHING TRANSFORMER

Designed to couple the pickup correctly to any radio receiver. Secondary impedance matches the input circuit of any vacuum tube. Core is of high grade special alloy, assuring even response. Brown crackle steel case.

20 FOOT EXTENSION CORD

20 feet of highest quality cord. Heavy duty insulation to prevent damage.

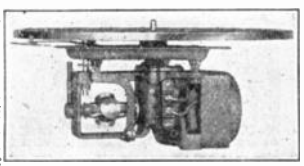
Allen A.C. Phonograph Motor For 110 Volts 50-60 Cycle A.C.



One of the most efficient and simplest phonograph motors ever designed. Silent synchronous type motor, it starts and stops at the flick of a finger. Regardless of voltage fluctuations, they revolve at exactly 80 revolutions per minute, eliminating the need of a speed control. Measures only 1¼ inches in depth. It is a marvel of compact and efficient design. Easy to mount. Complete with all hardware and a beautiful felt covered turntable.

Cat. No. 5402
Price **$2.45**

Blue Flyer Phonograph Motor and Turntable



A self starting induction motor of the better type. They have earned widespread praise and approval because of their perfect and uninterrupted service and uniform speed under severe voltage variations. Open type construction allowing complete ventilation. No heat or hum. Silent special cut bakelite fabric gears. Long oversize sleeve bearings. Comes complete with mounting plate, turntable and speed regulator.

Cat. No.	R.P.M.	Current	Price
5410	78	100 v., 60 cycle A.C.	$7.95
5411	33⅓	110 v., 60 cycle A.C.	$9.75

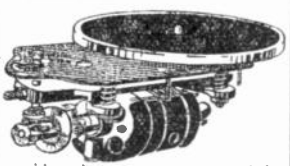
Will Play Records Up to 12" in Diam.

Janette D.C. to A.C. Converter

Operates on 110 volts D.C., and has an output of 110 volts, 60 cycle A.C. at 180 watts.
This sturdy and efficient converter can be used on electrical appliances not drawing more than 180 watts in power. At a slight additional cost for the filter, this converter will permit the use of any A.C. operated receiver or amplifier using power tubes up to 250 inclusive. It has a completely protected construction thus preventing any injuries from shock, due to unprotected moving mechanisms. It is ruggedly constructed. Dimensions of the converter are 6½ inches by 7½ inches by 10½ inches. A remarkable buy for the wideawake serviceman who knows value.

Cat. No. 3833.
Our Price **$17.95**

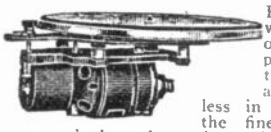
Prime Electric Phonograph Motor



A sturdy, powerful, and compact motor of the self starting induction type. Will not set up any disturbing noises in any receiver. Equipped with large bearing surfaces to provide adequate support and insure long life. The motor starts immediately when switch is turned on, and full speed is attained instantly. Comes ready to mount, thus saving labor and time. Completely equipped with turntable "on" and "off" switch and built in speed control.

Cat. No. 5405. Our Price **$5.95**

M & P Direct Current Phonograph Motor



Positively the last word in the design of Direct Current phonograph motors. They are absolutely noiseless in operation. Only the finest quality parts were used throughout the entire construction of the motor.
The M & P motor is especially adaptable for recording purposes, due to the fact that they have ample power to operate any recording head. The speed control is provided with a knob pointer and escutcheon. Completely equipped with cord, attachment plug, and a 12-inch turntable.
An exceptional buy for this remarkably low price.

Cat. No. 5401.
Our Price **$6.95**

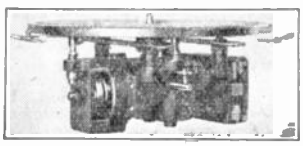
Sonora Phonograph Motor A.C. or D.C.

Designed to meet the demand for a reliable, noiseless and absolutely non-interfering electrically operated turntable for phonographs and radio phonograph combinations. Comes complete with speed regulator, cord and plug, and a 12" turntable to take any size record.
Not to be confused with the older model. Available for A.C. or D.C. Comes fully assembled and mounted on board measuring 15" x 15" ready to install in your cabinet.

Cat. No. 5403.
Our Price **$7.50**

New Green Flyer Governor Controlled Two Speed Motor

33⅓ and 78 R.P.M.
For A.C. and D.C. Operation



A recently developed motor of the induction type that may be adjusted to play either the old type 78 r.p.m. recordings or the new 33⅓ records. The motor incorporates a lever control that permits shifting from 78 r.p.m. to 33⅓ r.p.m. The spiral cut gears are made of laminated bakelite and are completely immersed and run in oil. Special self-lubricating bearings assure constancy of speed and long life. Has pointed needle and dial indicator. Nickel plated hardware. Furnished with 12-inch turntable. Automatic stop may be had for a slight additional cost.

Cat. No. 5406.
For 110-120 volts A.C., 60 cycles. Price **$8.75**
Cat. No. 5406D.
For 110 volt D.C. operation. Price.... **$14.25**

SPECIAL DUAL SPEED RECORDING MOTORS

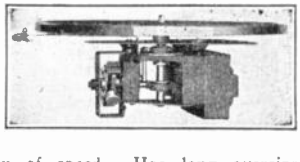
This motor is especially designed for recording purposes. Identical to the above 2-speed models with the exception that the field and rotor is ½" longer, and that it is much more powerful. Supplied with 12-inch turntable.

Cat. No. 5408.
For 110-120 volts A.C., 60 cy. Price **$11.95**
Cat. No. 5408D.
For 110 volt D.C. operation. Price... **$17.50**

AUTOMATIC STOP

Automatic stop designed for use with any of the above motors.
Cat. No. 3834. Our Price **75c**

Green Flyer Single Speed



Has sufficient power for the heaviest electric pick-ups on all records. Built openly so as to allow plenty of ventilation. No chance of overheating in a closed cabinet. Absolute uniformity of speed. Has long oversize self-lubricating bearings. Induction type governor. Special mounting cushions eliminate vibrations which are ruinous to recording. Can also be used for playback where even speed is demanded. Comes complete with 12" turntable. For 110 V. 60 Cycle A.C.

Cat. No. 5412.
Our Price **$6.75**

Everything from a Binding Post to a Transmitter

Phonograph Pickups and Accessories

Pickup and Recorder Heads

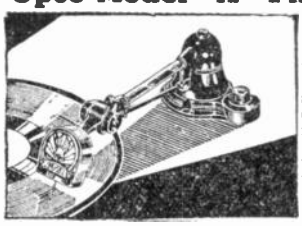
Answers the demand for high quality low cost series of recording and pickup heads. Upco's reputation as a pioneer in the field of sound recording and reproducing guarantees entire satisfaction. All units are perfectly balanced and correctly damped. Their frequency response is ideal—compensating for disc limitations. Special permalloy magnet insures long life and even magnetic strength. High output. Specify impedance value desired.

Tone Arm Mounting Reproducer Head. Will mount any standard tone arm. Two screw tension adjustment. **Cat. No. PH-2317.**
Our Price **$4.25**

Upco Model "D" Phonograph Pickup. Balanced construction. Easy needle changing. Tilt-back head.
Cat. No. PH-2319. ..... **$4.25**

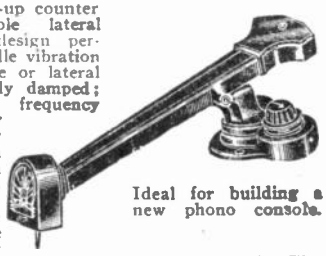
Tone Arm Mounting Recorder Head. Slips on tone arm of any phonograph. Two clamping screws firmly fasten in place. For recording on celluloid, Victor or pre-grooven aluminum discs.
Cat. No. PH-2318. Our Price **$6.95**

Upco Model "A" Phonograph Pick-up



Fully balanced pickup head. Swing-back tone arm for easy needle change. Built-in volume control. A balanced pick-up that can be used in conjunction with any set. It reproduces the whole frequency range from the minute bass to the high notes with absolute fidelity. In appearance it meets the trend of design and it will add to the appearance of any combination or radio set with which it is used. With built-in volume control.
Cat. No. 2306. Our Price **$5.49**
Cat. No. 2307.
Without Volume Control. Our Price.. **$5.25**

Special Upco Model for 33 1/3 and 78 R.P.M. Records

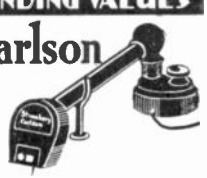


Ideal for building a new phono console.

Adjustable pick-up counter balanced; ample lateral play. Correct design permits proper needle vibration on hill and dale or lateral grooves. Properly damped; Covers entire frequency range. Especially designed for theatre use in conjunction with 16 inch records operating 33⅓ R.P.M. Tone arm from needle point to center of base is twelve inches. Delicately balanced. The volume control adapts it to varied playing conditions.
Cat. No. 2309. With Volume Control.
Our Price **$6.75**
Cat. No. 2310. Without Volume Control.
Our Price **$6.25**

ONE of four OUTSTANDING VALUES

Stromberg-Carlson Phono Pick-up



A product of one of the most famous manufacturer's of sound transmission equipment. Ask any engineer. Attractive brown finish harmonizes with any cabinet design. Converts your old phonograph to modern electric operation. Low impedance head. Built-in volume control and extension cord. Supplied complete with coupling transformer.
Cat. No. PP-2320. Our Price **$5.50**

33 1/3 R.P.M. Phonograph Disc Adapter

2 Speed Phonograph Motor Adapter

Make your present phonograph completely modern—install a disc adapter and play the 33⅓ and 78 R.P.M. records by merely moving a lever; can be mounted on any phonograph in a few moments. No skill required—can be installed by anyone. This adapter is finely constructed and will harmonize with any surroundings. Finished in oxidized bronze with brown felt plate. The drive mechanism is extremely simple and fool proof. Guaranteed to maintain constant speed. Will not slip even when used for recording purposes. Supplied complete with all necessary hardware and full instructions.
Cat. No. PA-2325. Our Price **$3.60**

Webster High Impedance Pick-Up

A product of the Webster Co., manufacturer's of centralized radio sound systems, and amplifier equipment. Designed for wide frequency coverage. Finished in handsome black enamel. Weighted to insure proper tracking and minimize record wear. Output impedance 4,000 ohms at 1000 cycles.
Cat. No. PP-2322. Our Price **$3.95**

Stromberg-Carlson Pick-up Head

Ideal for replacement purpose in consoles where plug-in type pick-up heads are used. Swedish steel magnet insures powerful permanent magnetic strength—high output. Low impedance coil, as used in 90% of the consoles on the market. May be used as replacement in many R.C.A. Victor, Graybar and Brunswick assemblies. Output impedance approximately 200 ohms at 1000 cycles. Attractive brown finish harmonizes with every surrounding.
Cat. No. PH-2323.
Our Price ... .
Price **$3.95**

Low Impedance Pickup Replacement Coils

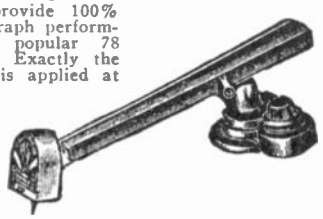
It is estimated that 90% of all pickup breakdowns are due to a defective coil Formerly it was impossible to secure the proper replacement and accordingly the pickup became entirely useless. We are pleased to offer an excellent replacement pick-up coil properly designed to mount in all pickups. These units are exceedingly small—compact in size, one of the best grades enameled wire. These are available in various sizes designed to fit the popular makes of pickups on the market. They can be supplied for the following pickups:

Cat. No.	Type Pickup
MPC-1280.	Stromberg-Carlson
MPC-1281.	R.C.A.
MPC-1282.	Webster
MPC-1283.	Majestic
MPC-1284.	Atwater Kent
MPC-1285.	Upco
MPC-1286.	Pacent
MPC-1287.	Brunswick
MPC-1288.	General Electric
MPC-1289.	Crosley

PRICE **50c** ea.
10 for $4.50

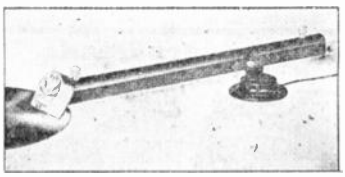
These coils are expressly made for these pickups and are brand new.

Upco Model "E" Phonograph Pickup for 78 R.P.M. Records



Designed to provide 100% electric phonograph performance on the popular 78 R.P.M. discs. Exactly the proper weight is applied at the needle point to insure proper reproduction without damaging the delicate discs. Counter balanced tone arm allows ample side play to conform with record grooves and minimize groove wear. Complete with built-in matched volume control. Bring your phonograph up-to-date. Install this laboratory tested reproducer and secure modern performance. Handsome black enamel finish. Specify impedance desired.
Cat. No. PP-2301
With Volume Control **$5.95**
Cat. No. PP-2302
Less Volume Control..... **$5.45**

Upco Transcription 16" Pickup



Delicate balance. Special coil structure. Permanent magnet strength.

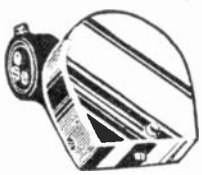
The finest pick-up made in the Upco Laboratories. After a period of intense research work they are able to offer the Symphony, a scientific instrument. It is rubber damped providing absolutely clear reproduction free from the customary pick-up noises. The ideal thing for public address systems and broadcasting work. Has a detachable head. The tone arm has an adjustable weight to vary the needle pressure on head. May be used with the 16-inch records.
Cat. No. 2304. Our Price **$11.25**

Sprague Phonograph Pick-up

New and modern in appearance. Embodies most advanced features of engineering and design. It is rubber damped providing absolutely clear reproduction. The pickup head works on a swivel which makes insertion of the needle very simple. Due to the careful balancing of the tone arm on the record, scratch noise is entirely eliminated.
Cat. No. 2311. Our Price **$3.95**

Victor Pick-up Head

Low Impedance—200 ohms



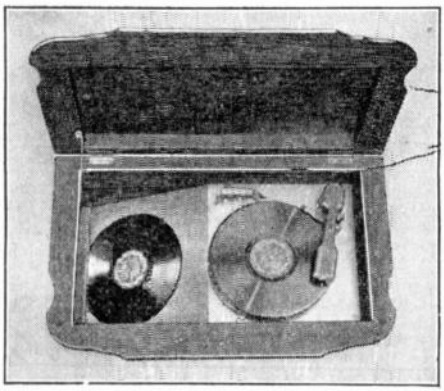
Used with Electrola Radiola Models 9-16, 9-1A, 9-54, 9-56, 10-69. This is an excellent pick-up head where low impedance is desired. Contains a Cobalt Steel permanent magnet housed within a bronze finished brass case.
Cat. No. 2313.
Our Price **$1.45**

Low Impedance Phono and Microphone Coupling Transformer

Built by Stromberg-Carlson for use as a matching transformer with their low impedance pick-up head. Designed to couple any pickup of 200 ohms at 1000 cycles impedance to all vacuum tubes. Ideal for use with any low impedance pickup of similar characteristics. Also suited for use with a single button microphone as a coupling transformer, or as line to grid transformer. Heavily impregnated—mounted in handsome brown crackle case.
Cat. No. PP-2324
Price **$1.65**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Packard Automatic Record Changer for 33 1/3 78 R.P.M. With Matched Phono. Pickup



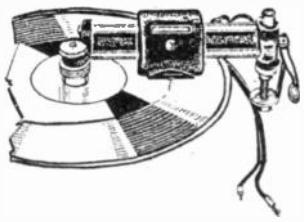
A compact record changer, small in size—extremely rugged mechanically. Answers all requirements—provides constant speed with both 33⅓ and 78 R.P.M. discs—positively will not damage your records in any manner. Used in the latest de luxe phono radio combinations built by the leading manufacturers. The best value in automatic changers on the market.

UNUSUAL FEATURES

All steel construction.
Heavily copper plated.
Finish, statuary bronze.
Plays eight 10-inch records automatically.
Plays 12-inch records manually.
Any record may be repeated.
Records may be rejected.
Repeats last record.
Improved type two-speed motor.
Plays standard 78 and 33⅓ r.p.m. records.
Most remarkable for its simplicity.
Has no intricate working parts.
Requires small space for mounting.
Flat-type flexible pickup.
Volume control and master switch—if desired.
Automatic pickup weight adjustment.
Electrical specifications: 110 v. A.C. 60 cycles.
Odd cycles and voltages quoted on request.

Complete, ready to operate.
Cat. No. PARC. Our Price..... $34.50

Aluminum Recorder Head



Designed to cut its own grooves reducing the cost of blanks to an absolute minimum. Ideal for home use for making a permanent record of interesting events, both international and local. Any amplifier using a single 245 tube or equivalent will give sufficient output to operate the recorder perfectly. Now you can make your own recordings of radio programs, political events, advertising talks, home movie sound effects and dialogue, etc. Employs the same fundamental design used in studio recorders. Operates entirely by phono-motor.

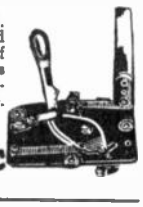
Simple to install. Requires but single hole mount ⅜" in dia. To start recording merely place drive spindle over turntable shaft. Lift recorder head, place on outside of record, place control lever in record position and turn on photo-motor. Records from outside of disc toward center at 96 grooves per inch at either 33⅓ or 78 R.P.M. When finished recording release control lever, remove from center spindle and swing aside. Any good pickup may be used for play back with a Cactus or fibre needle. For best results a diamond or sapphire needle listed elsewhere on this page should be used. Specify impedance of cutter head desired.

Complete assembly ready to use
Cat. No. RH3859.
Price **$18.75**

CUTTER HEAD ONLY—
Cat. No. RH3860.
Price **$9.50**

Automatic Phonograph Turntable Stop

A carefully built automatic control. Used on leading phonographs and consoles assembly. When the end of the record is reached a control is actuated stopping turntable and preventing record and pickup damage. Easily mounted.

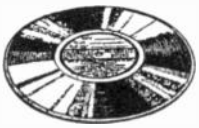


Cat. No. 5404.
Price **72c**

B.B.L. Scratch Filter and Attenuator

Eliminates the annoying needle scratch and accentuates the low frequencies. Makes your phonograph or public address system more realistic. This type of filter is used on all large P.A. systems, to provide full adjustment of frequency range covered.
Cat. No. 5414. Price..... 25c

Home Recording Records (Double Faced)



Available in three types—blank oil-treated aluminum, pre-grooved aluminum and composition. All records listed are two-faced insuring maximum recording space per disc. Especially treated to provide low noise level and wide frequency range.

Pre-grooved Aluminum Records

For use on any phono turntable equipped with a heavy duty motor. For best results a weight should be placed on the pickup head. Used with a special steel recording needle. Cactus or fibre needle used for playing back.

Cat. No.	Size	Playing Time	Price
PR3846	6"	1½ minutes	18c
PR3847	8"	2 minutes	30c
PR3848	10"	3¼ minutes	45c
PR3849	12"	5 minutes	59c

Blank Aluminum Records

For use with Presto, Sentinel and studio type recorders. May be used with any recorder cutting its own grooves.

Cat. No.	Size	Playing Time	Price
PR3850	6"	1½ minutes	12c
PR3851	7½"	2 minutes	18c
PR3852	10"	3¼ minutes	30c
PR3853	12"	5 minutes	45c

Victor Type Composition Records
Pre-grooved—Unbreakable

For use on all home recording sets now designed for Victor home recording discs. Also may be used with weighted pickup.

Cat. No.	Size	Playing Time	Price
PR3854	6"	1 ½minutes	20c
PR3855	10"	3 minutes	65c

Genuine VICTOR Double-Faced Records

BRAND NEW
LATE ORTHOPHONIC RECORDS

ALL FAMOUS ARTISTS

Paul Whiteman, Hal Kemp, Geo. Olsen, Duke Ellington, M. Chevalier, Nat Shilkret, Ted Weems, Rudy Vallee, Sousa Band, Victor Salon Orchestra. Wayne King and Orchestra, and many others too numerous to mention. Only, Each..... **9c**

Sold only in Carton Lots of 25 Records Assorted $2.25 Per Carton.

FOREIGN VICTOR RECORS

Waltzes, Dances, Comics, Religious, Songs, Couplets

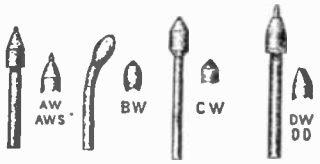
French, Hebrew, Italian, Portuguese, Bohemian, German, Hungarian, Lithuanian, Roumanian, Ukranian, Greek, Irish, Polish, Russian.
Only, Each..... 14c

Sold only in Carton Lots of 25 Assorted Records $3.50 Per Carton.

SPANISH RECORDS (Victor Discos Espanol)

Tangoes, Cancions, Foxtrots, Vals, Bolero Por Artistas Espanolas de Amaya—Escasena, Juan Pulido, Banda Rosas.

Genuine Sapphire Phonograph Needles



Carefully machined, each type designed by engineers with years of experience in the film and record recording industry. Do not confuse these with special needles listed elsewhere. Each is designed for one use only. Sapphire, the hardest practical stone, assures long life and lasting hardness. Available in the following designs:

Type AW
For Recording on Blank Aluminum

Needle cut to special angle and radius, for recording on blank aluminum records. For commercial work and amateur home recording equipment
Cat. No. PN3839. Our Price $2.25

Type AWS
For Recording on Eraydo

Point and angle made especially to cut on Eraydo and on blank aluminum where lighter weight cutters or low powered motors are employed.
Cat. No. PN3840. Our Price..... $2.75

Type BW
For Recording on Pre-Grooved Records

Designed for recording and reproducing on pre-grooved materials such as the Victor black composition recording discs or pre-grooved celluloid or pre-grooved aluminum discs.
Cat. No. PN3841. Our Price $2.49

Type CW
For Reproducing of Regular Records

Will reproduce on commercial records, namely Victor, Columbia, Brunswick, etc., also transcriptions. Minimum needle scratch. Needle will last indefinitely. Suitable only for 78 R.P.M. recordings.
Cat. No. PN3842.
Our Price **$1.75**

Type DW
For Recording on Celluloid

Needle so designed that it cuts a fine thread of celluloid while recording. (Celluloid cannot be compressed like aluminum.)
Cat. No. PN3843. Our Price $3.98

SPECIAL DIAMOND NEEDLES

For same use at Type DW
Cat. No. PN3844. Type D.D..... $15.00

For same use as Type AW.
Cat. No. PN3845. Type AD. Price.. $5.98

Home Recording and Play Back Needles

Steel

For recording on pre-and un-grooved aluminum records. Twenty to thirty recordings made with one needle.
Cat. No. PN3856. 15 for..... 25c

For the recording and reproduction of Victor and composition records.
Cat. No. PN3857. 50 for..... 25c

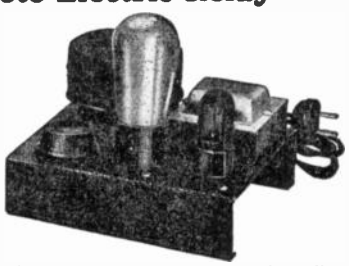
Cactus

For reproducing on aluminum. Last longer than fibre. Insure low noise level.
Cat. No. PN3858. 12 for..... 25c

Photo-Electric Relay

Completely Self-contained. Compact.

Merely Plug-in any A.C. line.



A complete unit adaptable to every control application of the Photo-Electric Cell. A few of the many uses: Door Opening, Traffic Light Control. Store Window Lighting Control, Daylight or Darkness Alarm, Humidity Alarm, Frost Alarm in Fruit Orchards, Temperature Control. It is possible to connect the unit so that the relay is operated by either maximum or minimum light. Furnished with 112A tube and special Visitron Type B Caesium Cell (with new light shielded bulb). Operates from A.C. 60 Cycle line.
Cat. No. 3804. Our Price $17.95

Prompt Service-Shipments within 24 Hours

Pilot Lights, Tubes, Fuses & Rectifiers

Build Profits—Satisfy Your Customers

AMPERITE
Self-Adjusting
LINE VOLTAGE CONTROL

Protect your set and tubes with this modern regulating device and secure 35% greater life from your tubes, condensers and resistors. May be installed in a moment. Simply break one side of the A.C. power supply cable. Strip the wires, and insert AMPERITE VOLTAGE CONTROL. Your installation is complete in less than 5 minutes. They can be sold to 50% of your customers. Everyone is anxious to reduce their operating costs. Make a nice profit for yourself and at the same time insure your customers' satisfaction.

NEW AMPERITE CHART

No. of tubes in set	Correct Amperite No.
4-5	5-A-5
6-7	7-A-5
8-9-10	9-A-5
11-12	11-A-5
FOR SETS USING 250 POWER TUBES	
7-11 (1—UX250)	13-A-5
7-11 (2—UX250)	20-A-5
For 110 Volt D.C. sets	20-A-5

SPECIAL AMPERITES ARE REQUIRED FOR THE FOLLOWING SETS:

Bremer Tully 81, 82, S81, S82	9-20
Brunswick 14, 21, 31	9-20
Hammarlund Roberts HI-Q-30	11-20
Kylectron (Peerless) K71, K72	11-20
Majestic 90, 91, 92	90
Majestic 70, 71, 72	70
Peerless 20 to 25	11-20
Star Raider	18-10
Victor R35-39	9V10

UNIVERSAL AMPERITES

To permit using standard sets designed for 110 volts, 60 cycle A.C. on voltages ranging from 90 to 260 volts, 60 cycles. No taps on power transformer primary required. Simply insert proper Amperite in series with line. Proper voltage is always secured despite line variations. A ballast and automatic regulator in one.

No. Tubes in Set	For 110-125 Volt A.C. Sets Operating on 90-150 V. A.C. CURRENT	180-260 V. A.C. CURRENT	For 220 Volt A.C. Sets on 110 V.-260 Volts A.C.
4-5	5-A-5	5-220	2 H 5
6-7	7-A-5	7-220	3 H 5
8-9-10	9-A-5	9-220	4 H 5
11-12	11-A-5	11-220	5 H 5

Cat. No. 5201. All Amperites, each, less socket. Our Price.. **$1.25**

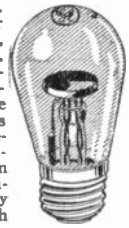
Cat. No. 5201A. Amperite Socket (fits all numbers). Our Price..... **15c**

Rectifier and Charger Bulbs
Ninety Day Guarantee

Designed to provide ample current and long life. Constructed of the finest materials available. Careful workmanship and proper gas content insures satisfaction. Ideal for replacement in all chargers, power units and industrial rectifiers.

Cat. No. B-5259.	.6 amperes		**$1.70**
Cat. No. B-5256.	2 amperes (tipless)		**1.90**
Cat. No. B-5257.	2 amperes (with tip)		**1.90**
Cat. No. B-5258.	5 amperes		**4.50**

Neon Glow Lamp



Have many applications. Popular as a pilot or night light in homes, hospitals, stores, etc. Also used on switchboard panels and communication devices. One popular application is checking radio frequency power in transmitters. When held in the hand near the inductance coils of a transmitter they will glow. In low powered sets touch to plate end of tank inductance. They show the comparative power output and indicate circuit resonance. The ½ watt size operates only on A.C. current. All others on both A.C. and D.C. Standard Edison base.

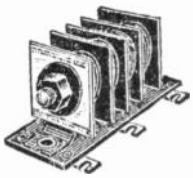
Cat. No. L-5260.	½ watt.	Our Price	.55c
Cat. No. L-5261.	1 watt.	Our Price	.55c
Cat. No. L-5262.	2 watt.	Our Price	.75c

Raytheon Type Rectifier Tubes

A necessity for every serviceman. There are many thousands of receivers still in use that can be serviced only by using these rectifiers. Carefully manufactured and tested. Ideal for all replacement purposes. No filament voltage required. Full wave rectifier for use on all socket power devices. Maximum R.M.S. voltage per anode 350 volts at 125 M.A.

Cat. No. BHT-5263. Our Price **95c**

ELKON XB-16 RECTIFIER



A rectifier that is standard on the following "A" eliminators: Majestic, Mayolion, Webster, Elkon, Bernard, Fada, Knapp, Sentinel, Metro, General Instrument, Philco (Elkon equipped) and on the Elkon 3 amp. chargers and Briggs and Stratford Chargers. New type Elkon with base.

Cat. No. 3757. Our Price **$3.45**

Guaranteed 210-250-281 Tubes

Developed by a nationally known manufacturer to answer the requirements of set and amplifier replacements of large power rectifier tubes. Finely made and carefully exhausted to insure long life. Rating similar to standard R.C.A. numbers. Type 210 is an excellent oscillator and power amplifier for transmitting purposes.

Cat. No. 5268. (210 tube). Our Price.. **$1.25**

Cat. No. 5269. (250 tube). Our Price.. **$1.25**

Cat. No. 5269-A. (281 tube). Our Price.. **$1.25**

Radio Pilot Light Bulbs

A product of the leading independent lamp manufacturer. Insure a low replacement cost—profitable service calls. Long in life—maximum service at minimum cost.

Cat. No. B-5237. 2½ volt light, 3.2 volts.... 6 volts..... **5c** ea.

Cat. No. B-5237A. Per Box of 10.... **38c**

Victor Dial Lights

A high grade replacement for Colonial and Victor Sets. Frosted envelope. 110 volt intermediate base lamp. Ideal for switchboard use.

Cat. No. 5244. Our Price, Each..... **18c**

Cat. No. 5244T. Our Price **$1.50**

HIGH VOLTAGE AND INSTRUMENT FUSES

This line of glass enclosed 3 AG type fuses (1¼" by ¼" diameter) is designed for the protection of rectifiers, and power tubes used in small power amplifiers such as employed in public address systems, theatre talkies, etc.
They are scientifically designed to suppress arcing and will break 500 volts D.C. and even more when the current supply does not exceed 1 kilowatt capacity. For higher capacities, we suggest the High Voltage Littelfuses. They are not rated to Underwriters specifications but as similar sizes of Instrument Littelfuses.
We suggest using the largest capacity permissible, since these fuses blow very quickly under a short circuit.

Cat. No.	Rating	Suggested peak load, m.a.	Price
F-4714	⅛ A—500 V	75	$ .09
F-4715	¼ A—500 V	150	.09
F-4716	½ A—500 V	300	.09
F-4717	¾ A—500 V	500	.09

1000 VOLT LITTELFUSES

Length, 3". Caps, ⅜" diam. Standard package, 10. Weight, 1 lb.

Cat. No.	Rating Amps.	Max. load, m.a.	Price
F-4718	1/16	65	.24
F-4719	⅛	100	.21
F-4720	¼	200	.21
F-4721	⅜	300	.21
F-4722	½	400	.21
F-4723	¾	600	.24
F-4724	1	1000	.24
F-4725	1½	1500	.24
F-4726	2	2000	.24

5000 VOLT LITTELFUSES

Length, 5". Caps, ⅜" diam. Standard package, 10. Weight, 1½ lbs.

Cat. No.	Rating Amps.	Max. load, m.a.	Price
F-4727	1/16	65	.42
F-4728	⅛	100	.42
F-4729	¼	200	.39
F-4730	⅜	300	.39
F-4731	½	400	.39
F-4732	¾	600	.45
F-4733	1	1000	.45
F-4734	1½	1500	.45
F-4735	2	2000	.45

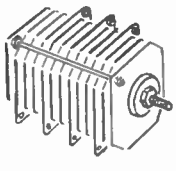
10,000 VOLT LITTELFUSES

Length, 10". Caps, ⅜" diam. Standard package, 10. Weight, 2 lbs.

Cat. No.	Rating Amps.	Max. load, m.a.	Price
F-4736	1/16	65	.60
F-4737	⅛	100	.60
F-4738	¼	200	.60
F-4739	⅜	300	.60
F-4740	½	400	.60
F-4741	¾	600	.60
F-4742	1	1000	.75
F-4743	1½	1500	.75
F-4744	2	2000	.75

Cat. No.	Rating	Price
R-4745	1 A—250 V	6c
F-4746	1½ A—250 V	
F-4747	2 A—250 V	
F-4748	3 A—250 V	

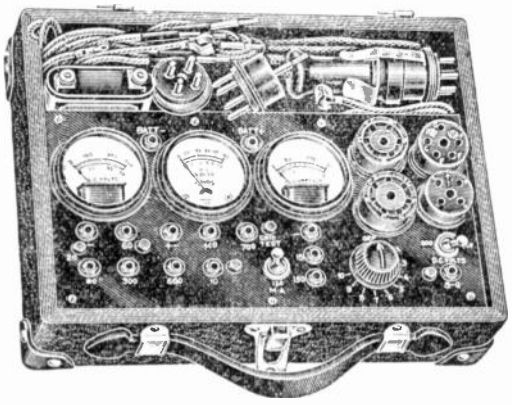
R.C.A. PHOTOPHONE RECTIFIER



To be used for rectification on the RCA Speakers. Will supply sufficient B voltage on above speakers. Consists of copper plates and discs.

Cat. No. 3751. Our Price **$2.25**

SERVICING Readrite INSTRUMENTS



Set Analyzer and Tube Tester #710-#711

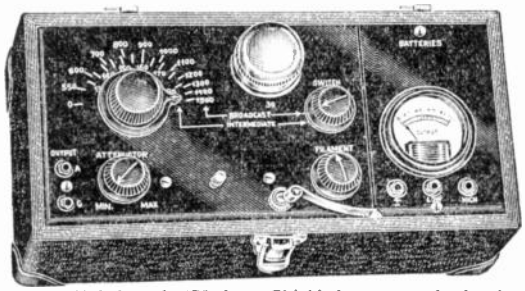
We are pleased to present the New No. 711 which uses the latest precision Triplett meters—guarantees the accuracy of a costly test set at a price within the serviceman's reach. Both the No. 710 and No. 711 are otherwise identical and test all tubes released to date.

Design: Three meter construction—proven by actual test the logical design. Tests plate, grid, cathode, suppressor grid and screen grid quickly and accurately. Measures plate, line and A.C. transformer volts. Push one button for screen grid tubes—a second for standard models. Capacity and resistance charts furnished permit ease in measuring condensers and resistors up to 100,000 ohms. Panel tip jack terminals provided for each meter range. Meter scales available: 0-10-140-700 A.C. volts, 0-20-300-600 D.C. volts, 0-15-150 Ma. Brand new design with six and seven prong sockets. Enclosed in fibrous case with cover and carrying handle. Shipping weight 10 lbs. Measures 14¾" x 3½" x 8".

Cat. No. 710-R. Tube Tester. Our Price **$14.70**

Cat. No. 711-R. Tube tester with Triplett Meter Our Price **$22.05**

Service Test Oscillator No. 550



A completely shielded oscillator mounted in a compact leatherette covered case with removable cover. Covers entire broadcast and intermediate bands. Provides a self modulated signal. Tuning dial is direct reading for 125-185 Kc, and 550-1500 Kc. (broadcast range). Sharp second and third harmonics cover 260-262 and 475 kc. Shielded antenna lead wire furnished. Mounted on a heavy metal panel containing a tuning control which is a direct reading dial clear and full vision. Two switches control all circuits. A power output control is provided, also a filament rheostat. Laboratory calibrated at factory. Provides frequencies at marked points on dial.

The instrument is extremely compact in a strong, leatherette covered case with removable cover, leather handle and rubber feet. Full operating instructions with the connecting wires are carried in the cover.

A truly remarkable instrument at a remarkable price. Shipping weight 11 lbs.

Cat. No. 550-R. (Less panel output meter) Our Price **$17.64**

Cat. No. 551-R. (With output meter) Our Price **$20.58**

New Readrite "Triplett" Precision Ohmmeter and Output Voltmeter

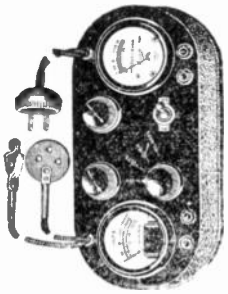
Just released by the Readrite Company. Answers a long felt need. Provides a neat assembly, in one compact unit, of an accurate ohmmeter with 3 separate scales. A voltmeter with 4 useful ranges, and a dual scale output meter for use on high impedance or dynamic voice coil circuit. All scales are read directly on an etched metal scale "Triplett" meter. All component parts are painstakingly made and the precise calibration insures a permanent accuracy of 2%. The meter is provided with the zero adjusting screw used in all precision indicating instruments. Mounted on handsome black bakelite panel with ohmmeter adjustment and scale changing switch. Enclosed in walnut finished cabinets. Scale ranges from 0-30-300-600 volts. 0-30-300 Ma., 0-500-50,000 ohms, 0-3 megohms. Shipping wt. 4 lbs.

Cat. No. 174-R. As listed above but less output meter feature. Reads resistance and voltage ranges described. Complete with test leads. Our Price **$23.33**

Cat. No. 174A-R. Complete kit of parts for building the No. 174 Meter including simple instructions and a detailed blueprint. Our Price **$16.67**

Cat. No. 175-R. Exactly as listed above—measures ohms, volts, and indicates output of any set or amplifier. Our price **$30.00**

Capacity Tester No. 850—An Instrument for Testing Electrolytic and Paper Condensers



This newly developed instrument with two fine meters provides for testing the capacities of all type condensers. The A.C. meter dial is calibrated for direct reading in microfarads. The double scale reading is .008 to 10 mfds. for paper type condensers. The A.C. meter connects to the 60 cycle supply line and is adjusted to 100 volts. A switch controls the setting for reading the high and low scales. Tipped leads are provided for connecting to the condenser to be tested. Simple and easy to use. Condenser troubles are one of the most frequent causes of radio breakdowns—find them quickly and simplify servicing. Shipping wt. 5 lbs. **$8.82**

Cat. No. 850-R. Our Price .....

Cat. No. 850-RC. Our Price **$10.00**

Readrite Set Analyzer and Tube Tester

Models 610-611

Identical in electrical circuits to the No. 710-No. 711 Analyzer and tube tester. Fits the requirements of the serviceman particularly well. Panel and all test equipment are mounted in a removable tray. Ample space 6⅛" x 13¾" x 4½" is provided for service tools, tape, soldering iron, wire, etc., underneath. Meter panel can be removed and set up for shop use. Case measures 14½" x 7" x 7½". Mounted in a neat fabroid case. Shipping weight 10 lbs.

Cat. No. 610-R. Set Analyzer with Readrite Meter Our Price **$17.64**

Cat. No. 611-R. Set Analyzer with Triplett Meters. Our Price **$24.99**

Combination Test Set #410-710

A neat combination set consisting of the brand new No. 410 tube tester and the 710 analyzer (as described elsewhere on this page). The 410 tube tester checks all the latest tubes and is a brand new design with 12 sockets which fully checks all tubes now available without the use of any adapters whatsoever. Checks both plate or rectifier tubes. A push button provides two plates readings for determining the conductance and worth of all tubes.

Both test instruments are compactly mounted in a leatherette carrying case with removable cover, measuring 21" x 14" x 7½".

Shipping weight 14 lbs.
Cat. No. 410-710-R. Our Price **$29.40**

We Guarantee to MEET or BEAT competition-

SERVICING Readrite INSTRUMENTS

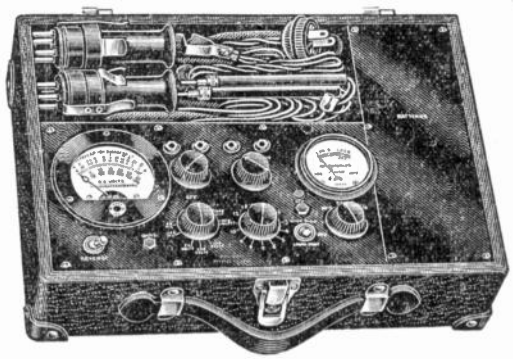
Resistance Continuity and Capacity Tester No. 1000

For Set Analyzing, Testing Voltages, Milliamperes, Resistance and Capacity

The No. 1000 Tester combines the very latest methods into one instrument for testing resistances, continuity, and capacity of radio receiving sets, without removing chassis from cabinet. The 3½" D.C. precision meter, 0-1 m.a., has the lower scale divided into 60 divisions—0-30-300-600 D.C. Volts and 0-30-300 Milliamperes. The upper scale reading is in ohms and megohms. Three scale readings are available for resistance measurements, 0-500, 0-50,000 ohms, and 0-3 megohms. Can also be equipped to test up to 6 megohms. Resistance tests are quickly made with extreme accuracy. The A.C. meter is calibrated for reading directly in microfarads; also for testing line voltage. The lower scale reading is .008 to .25. The upper scale reading is .1 to 10 mfds. The instrument is calibrated for use on 60 cycles at 110 volts. The rheostat regulates the correct voltage to be applied.

Two plug-in cables and two separate cords are provided for testing through the set socket of the resistance of voltage dividers, series resistors, transformer primaries and secondaries, filter chokes, speaker fields, capacities of paper and mica type condensers of the different tube circuits. Jacks are provided for individual tests separate from the plug connections for all the above.

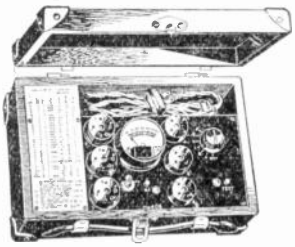
The No. 1000 Tester is designed especially for arriving at set troubles quickly and with precise measurements, enabling the serviceman to locate efficiently any fault that may exist in the audion tube circuits. Case is strong and covered with fabricoid. The cover is removable. Battery compartment has separate panel. The No. 1000 Tester will bring your equipment up-to-the minute, simplifying set analysis by these latest methods. Shipping weight 18 pounds.



No. 1000

Cat. . . No. 1000-R. $32.34

Readrite No. 410 Tube Tester



A brand new number—replaces the ₵406. Comes equipped with 12 sockets—tests all tubes, released to date, without the use of any adapters. Connects to A.C. line. Uses illuminated meter dial—easy reading anywhere. The meter can be understood by the customer. Test both plates of rectifier tubes. Enclosed in a neat fabroid case complete with cover and leather carrying handle. Size 10¾" x 7" x 4¼". Simplified single scale readings are made possible by a special circuit and socket layout. All tube characteristics read toward the middle of the scale insuring ease of accurate measurement. Meter scales may be operated by connecting test leads to the tip jack terminals on the panel. Shipping wt. 7 lbs.

Cat. No. 410-R. Tube Tester as described. Price..... **$14.70**

Combined Counter and Portable Direct Reading Tube Testers

A new tube tester which the customer can read. Has six colored scales, for testing inductance of good, doubtful and poor tubes. Tests all the new tubes. The No. 443 is equipped with a line voltmeter and regulator. A large precision meter in the cover, is placed at right angle for counter use. Handy chart beside meter contains test references for every tube. A high class tester, exceedingly simple to use.

Cat. No. -443R. Shipping wt. 15 lbs. Our Price **$32.34**

7 Prong Reducing Adapter

A brand new number designed to reduce the standard 7 prong base socket .850 inches in diameter to the new 7 prong size .750 inches in diameter. Permits the testing of the new tubes in your standard 7 prong analyzer socket. A necessity to make every service kit up to date.

Cat. No. RA-5124. Our Price..... **59c**

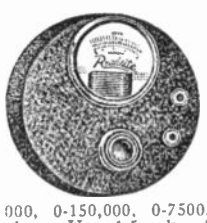
Household Utility Tester

A necessity for every serviceman, electrician and handy man. Tells you all you need to know about electric equipment of all sorts. Also checks condition of your supply line. Leakage or broken-down insulation can be readily tested. One application is testing conduit power cables. Especially designed for servicing electrical refrigerators, oil pumps, oil burners, heating units, and motors but may be used on any device operating electrically.

Contains handy input and output A.C. outlets with meters making it possible to measure A.C. current drain up to 20 amperes, A.C. line, and also to read resistance values from 0-40 and 0-10,000. A convenient leaflet outlining its uses contained with each kit. Size of case 10¾" x 8" x 3½". Shipping wt. 15 lbs.

Cat. No. 900-R. Our Price **$13.23**

Direct Reading Ohmmeter ₵505 Precision "Triplett Meter" Model



Just released. Precision constructed for extremely accurate readings. The Triplett meter is finely made with accurate scale and jeweled bearing. (Refer to page 30 for a complete description of the Triplett meters.) Reads direct 0-50,000 ohms. Additional current limiting resistors can be furnished to directly read ranges 0-100, 000, 0-150,000, 0-7500. 0-1.5 megohms, 0-3 megohms. Uses 1.5 volts. Shipping wt. 3 lbs.

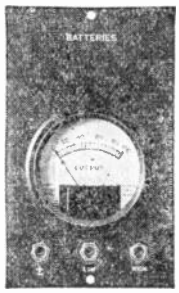
Cat. No. 505-R. Ohmmeter. Our Price **$7.64**

No. 500 Ohmmeter—The Standard inexpensive ohmmeter—in use everywhere. Completely self contained in neat crackle finish can with small 3 cell flashlight battery. Reads 0-10,000 ohms and 0-4.5 volts. Knob zero adjuster for accurate readings. Measures 4" diameter. Shipping wt. 3 lbs.

Cat. No. 500-R. Ohmmeter Our Price **$3.53**

No. 502 Ohmmeter—Similar to the standard No. 500 but has an additional scale of 0-40 ohms. Tests dynamic voice coils and all other low resistance windings—shows shorted turns immediately. Shipping weight, 3 lbs.

Cat. No. 502-R. Ohmmeter. Our Price **$4.12**



Copper Oxide A.C. Voltmeter and Output Meter

Furnished in two types. Both have dual scale readings (0-5 volts) for dynamic voice coil and (0-50 volts) for magnetic speaker. Used in testing radio sets and amplifiers. No. 555 is a panel mounted meter while No. 557 is neatly mounted in a round crystalline finished case 4½" in diameter. Shipping wt. 3 lbs.

Cat. No. 575-R. Our Price **$4.41**

Cat. No. 555-R. Our Price **$3.83**

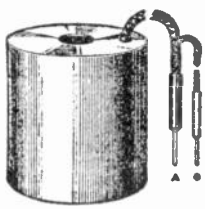
New ! ! Precision Output Voltmeter

Copper Oxide Triplett Meter No. 515

A brand new number. Uses Triplett meter combining extreme accuracy with low cost. Designed to connect across a high impedance circuit or standard voice coil line. Ideal for exacting public address installations. Shipping wt. 3 lbs.

Cat. No. 515-R. List $15.00. Our Price **$8.82**

Exploring Coil



Designed for the serviceman to use in localizing r.f. trouble. The preferred use is in conjunction with a signal supplied by an oscillator, which is induced into the grid of the tube when the exploring coil is placed around the coil. A big time saver. Trouble is traced by eliminating parts of the circuit where it is found that the induced signal from the exploring coil is satisfactory. In super-het circuits this coil can be used for peaking the intermediates. Shipping wt. 1 lb.

Cat. No. 525-R. Our Price **$2.06**

Readrite ₵96 Plugs and Adapters

A brand new design. Adapters are held by a center latch—reducing the physical size. Will plug in compact sets your present plugs will not fit. Moulded of black bakelite. Plug is 6 prong. Adapter available for 4 and 5 and 7 prong use.

Cat. No. 96-R. Center latch 6 Prong Plug. Our Price, each .. **59c**

Cat. No. 96-R-1. Adapters 4, 5 or 7 prong. Our Price, each **44c**

Readrite and Triplett Servicing Instruments

Readrite Panel Type Meters

Popular in price but big in results. They answer most requirements in an entirely satisfactory manner. Precision built with oversize permanent magnets and carefully machined bearing surfaces. Constructed to provide accurate readings. Ideal for portable test equipment and amateur use. Supplied with nickel plate narrow flange. Requires a hole 2 1/16" diameter. A back of panel clamping device is supplied with each instrument. Will withstand considerable abuse without damage.

Cat. No.	D.C. VOLTMETERS	
603	0-3 volts 175 ohms	$ .58
605	0-5 volts 410 ohms	.58
326	0-6 volts 550 ohms	.58
335	0-8 volts 850 ohms	.58
310	0-10 volts 1475 ohms	.58
316	0-15 volts 2914 ohms	.58
333	3-0-3 volts 550 ohms	.58
607	0-25 volts 1625 ohms	.58
337	0-50 volts 3250 ohms	1.59
337-H	0-50 volts 15440 ohms	1.76
339	0-100 volts 6500 ohms	.73
342	0-150 volts 9750 ohms	.88
346-P	0-300 volts 92640 ohms	1.96
347-P	0-500 volts 154400 ohms	2.35
246-P	0-60-300 volts 92640 ohms	2.35
609	0-750 volts 231600 ohms	2.94
	D.C. AMMETERS	
336	0-3 amperes	$ .58
381	0-5 amperes	.58
338	0-10 amperes	.58
303	3-0-3 amperes	.58
606	6-0-6 amperes	.58
110	10-0-10 amperes	.58
220	20-0-20 amperes	.58
	D.C. MILLIAMMETERS	
305	0-5 2160 ohms	$1.18
311	0-10 700 ohms	1.03
315	0-15 295 ohms	.58
325	0-25 85 ohms	.58
350	0-50 20 ohms	.58
390	0-100 5.5 ohms	.58
391	0-150 3.3 ohms	.58
392	0-200 1.9 ohms	.58
399	0-300 .8 ohms	.58
394	0-400 .5 ohms	.58
395	0-20—0-100 175/30 ohms	1.03
402	0-15—150 305/24 ohms	1.03
	A.C. VOLTMETERS	
314	0-4 volts	$1.47
353	0-6 volts	1.47
352	0-10 volts	1.47
351	0-15 volts	1.47
348-P	0-150 volts	2.35
349-P	0-300 volts	2.94
247-P	0-600 volts	3.53
249	0-750 volts	4.12
355-P	0-10-140 volts	2.35
	A.C. AMMETERS	
361	0-3 amps.	$1.47
362	0-5 amps.	1.47
363	0-10 amps.	1.47
	A.C. MILLIAMMETERS	
370	0-25 milliamps.	$1.47
371	0-50 milliamps.	1.47
372	0-100 milliamps.	1.47
373	0-250 milliamps.	1.47
374	0-500 milliamps.	1.47

Meter Multipliers

A line of compact wire wound multipliers for increasing the range of D.C. and A.C. Readrite meters. Carefully constructed to provide accuracy that is permanent. Windings are on treated composition spools with mounting angles which also provide the terminals.

No. 41

MULTIPLIERS FOR D.C. VOLTMETERS—FLAT TYPE

Cat. No.		Our Price
100-A	0-50 Voltmeter increase reading to 200 volts	$ .59
102-A	0-50 Voltmeter increase reading to 600 volts	.88
104-A	0-50 Voltmeter increase reading to 300-600 volts	1.18
106-A	0-300 Voltmeter increase reading to 600 volts	.88
107-A	0-500 Voltmeter increase reading to 1000 volts	.88
108-A	0-20 Voltmeter increase reading to 60-300-600 volts	1.47
111-A	0-20 Voltmeter increase reading to 60-300 volts	.58
113-A	0-60 Voltmeter increase reading to 300-600 volts	1.18

Readrite Portable Type Meters

The A.C. meters are the repulsion type and accurate enough for either A.C. or D.C. testing. Meters are accurately calibrated and have uniform divisions throughout. High reading A.C. Meters contain over 100 ohms per volt resistance. D.C. Voltmeters are the polarized vane solenoid type and provide resistance up to 300 ohms per volt.

D.C. VOLTMETERS
(300 Ohms per Volt. 3 Inch Case)

Cat. No.	Volts	List	Your Cost
2012	0-300	$4.50	$2.65
2013	0-500	5.50	3.23
2014	0-60/300	4.50	2.65
2015	0-750	6.00	3.53

D.C. MILLIAMMETERS

Cat. No.	Volts	Amps.	Your Cost
2016	0-25	84	$1.76
2017	0-100	5.5	1.76
2018	0-200	1.8	1.76

A.C. VOLTMETERS
(100 Ohms per Volt)

Cat. No.	Volts	Price
M-8318	0-150	$2.35
M-8319	0-300	2.94
M-8320	0-600	3.52
M-8321	0-150/750	4.70

A.C. MILLIAMMETERS

Cat. No.	M.A.	Price
M-8322	0-25	$1.76
M-8323	0-50	1.76
M-8324	0-100	1.76
M-8325	0-250	1.76
M-8326	0-500	1.76

D.C. AMMETERS

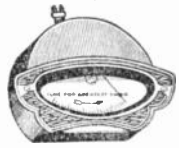
Cat. No.	Amps.	Price
M-8327	0-1	$1.76
M-8328	0-5	1.76
M-8329	0-10	1.76
M-8330	0-50	1.76

A.C. AMMETERS

Cat. No.	Amps.	Price
M-8331	0-1	$1.76
M-8332	0-3	1.76
M-8333	0-5	1.76
M-8334	0-10	1.76
M-8335	0-50	2.06

Panel Tuning Meters

Choose the design best suited to your receiver panel. A high resistance milliammeter connects in the plate circuit of the radio frequency tubes. When tuned to resonance with the station, maximum indication will be obtained.

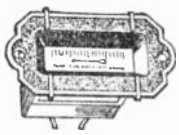


Front or Bottom Illuminated Type
Code T M 103

Cat. No.	Scale M.A.
M-8314	0-5
M-8315	0-7
M-8316	0-10
M-8317	0-15

Rear Illuminated Translucent Dial
Code T M 102

Cat. No.	Scale M.A.
M-8375	0-5
M-8376	0-7
M-8377	0-10
M-8378	0-15



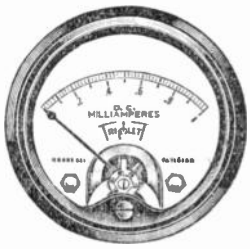
Edgewise Mounting, Shadow Illuminated
Code T M 108

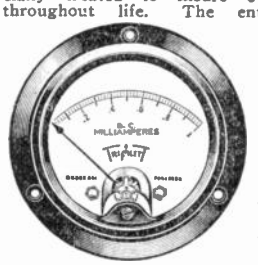
Cat. No.	Scale M.A.
M-8379	0-5
M-8380	0-7
M-8381	0-10
M-8382	0-15

Above meters, less escutcheon.
Our Price **88c**
Escutcheon, any type illustrated.
Our Price **18c**

Triplett Panel Mounting Meters

The product of an organization building precision meters, test and measuring equipment for the last 30 years. Case and dial is similar to the line of instruments developed by the standard manufacturers of measuring equipment. Accurate results are assured by the precision bearing construction and correctly balanced armature design. Permanent steel magnets are specially treated to insure even magnetic strength throughout life. The entire operating mechanism is accurate, foolproof, designed to give precision results in every application. Do not confuse this line with cheap instruments. The reduction in price over competitive products was achieved by no stinting of quality, but due to a careful production program which has reduced costs to an absolute minimum. Specify model and scale desired.





D.C. MILLIAMMETERS

Cat. No.	Range	3½" Flush Type, Model 321, Scale 2⅜" Long Price	2" Model 223, Scale 1 23/32" Long, Clamp-on Flush Type Price
M-8301	0-1	$4.17	$3.50
M-8302	0-1.5	4.17	3.50
M-8303	0-3	4.17	3.50
M-8304	0-5	3.50	2.67
M-8305	0-10	3.50	2.67
M-8307	0-25	3.50	2.67
M-8308	0-50	3.50	2.67
M-8309	0-100	3.50	2.67
M-8310	0-200	3.50	2.67
M-8311	0-300	3.50	2.67
M-8312	0-500	3.50	2.67
	D.C. VOLTMETERS (125 Ohms per Volt)		
M-8336	0-1	$5.25	$2.67
M-8338	0-5	3.50	2.67
M-8339	0-10	5.25	2.67
M-8341	0-25	5.25	2.67
M-8342	0-50	5.25	2.67
M-8343	0-100	5.25	2.67
M-8344	0-150	5.25	2.67
M-8345	0-200	6.25	3.50
	D.C. VOLTMETERS (1000 Ohms per Volt)		
M-8346	0-5	$5.00	$4.00
M-8347	0-10	5.00	4.00
M-8348	0-25	5.00	4.00
M-8349	0-50	5.00	4.00
M-8350	0-100	5.34	4.66
M-8351	0-150	5.34	4.66
M-8352	0-300	6.00	5.34
M-8353	0-500	6.67	6.00
	D.C. AMMETERS (Self Contained Shunts)		
M-8355	0-1	$3.50	$2.67
M-8356	0-3	3.50	2.67
M-8358	0-10	3.50	2.67
M-8359	0-25	3.50	2.67
M-8360	0-50	4.17	3.50
	RESISTANCE INSTRUMENTS		
M-8361	0-15 V.	$4.17	
M-8362	0-1000 ohms.	4.17	
M-8363	0-3 V.	5.00	
M-8364	0-50,000 ohms	5.00	
	RESISTORS FOR 0-1 MILLIAMMETER		
M-8365	30-30-600 V.	$5.34	

Panel Mounting Ohmmeters

An inexpensive resistance meter for the test board, or analyzer. Supplied with wide flange type case, black enameled. Fine in appearance. Accurate in readings. Requires three flashlight cells to connect in series with the resistance being measured.

Resistance Meter as used in No. 500 ohmmeter, scale 0-10,000 ohms.
Cat. No. M-8366. Our Price..... **$1.47**

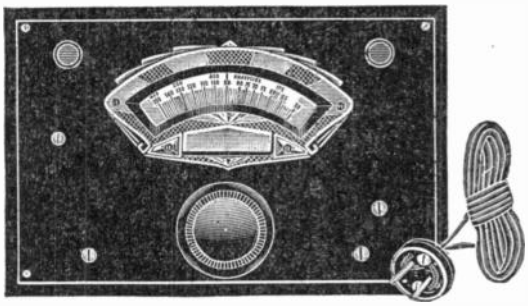
No. 503—RESISTOR. 1150 ohms with jack terminals for use with 22.5 volt battery to increase reading of No. 500 ohmmeter to 60,000 ohms.
Cat. No. M-8367. Our Price..... **88c**

Same without jack terminals for 501 meter.
Cat. No. M-8368. Our Price..... **59c**

No. 504—RESISTOR. 2500 ohms, center tapped, for use with 45 volt battery to increase reading of 100,000 ohms, with tip jacks.
Cat. No. M-8369. Our Price..... **$1.18**

Everything from a Binding Post to a Transmitter

Modulated Test Oscillator—A.C. and D.C. Models



Directly Calibrated Frequencies
Continuous band 55-155 K.C.
Popular frequencies 115, 130, 172.5, 175, 177.5, 260, 400, 450 K.C., all commercially employed frequencies.

A.C. Model
Employs 56 tube—no batteries required. Provides a modulated and unmodulated signal—controlled by panel switch. Simply plug in A.C. line.

D.C. Model
Employs 230 tube—1½ volt dry cell—22.5 volt "B"—"C" Battery—all contained in cabinet.

Radically new in design and construction. Entirely fool proof. Supplied in A.C. and D.C. Models. May be used to align any receiver whether T.R.F. or Superheterodyne design. Provides a 100% modulated signal—sharp, with no frequency drift. Fundamental frequency adjustable from 50 to 150 K.C.—average accuracy 1%—guaranteed accuracy 2%. Strong harmonics up to and including 10th, which covers the broadcast band 500-1500 K.C. Useful harmonics up to 28th used for frequency checking—particularly desirable for checking the coverage of short wave coil sets to insure overlapping ranges.

Cat. No. 3801.
(A.C. Model with tube.) Our Price **$6.93**

Cat. No. 3802.
Battery operated, with tube, less batteries. Our Price **$6.53**

Build This Low Priced Hickok Volt-Ohmmeter

Here is a low priced accurate Volt-Ohmmeter using a special oversized meter, 3½" body diameter, and 4¼" flange, completely mounted in a two-tone walnut bakelite case, with binding posts and knobs to match.
The D.C. voltmeter has a resistance of 1,333 ohms per volt and has a four scale reading, 0-3, 0-30, 0-300 and 0-600 volts.
The same meter will measure resistance up to 1,000,000 ohms, using double scale, 0-10,000 ohm and 0-1,000,000 ohms. Knife edge pointer for easy and accurate reading.
Cat. No. M3129.
(Completely built, wired and calibrated.) Our Price **$23.00**

IN KIT FORM

The above listed ohmmeter may be secured in kit form. The kit includes all parts necessary for construction, including voltage adjuster to calibrate meter to batteries. Will take only one hour to build.
Cat. No. M3130. Complete Kit. Our Price **$17.50**

Beede Moving Coil Meters

This new and complete line of Beede moving coil instrumnts is available now at prices which are amazingly low for this type of instrument.
They possess the two vital factors which must appeal to every user of this style of instrument.
Primarily they possess the most important, quality and efficiency
Secondly, the improved design of the coil assembly permits a greater simplicity of construction than has heretofore been possible in the art. This in turn results in unusual ruggedness, high accuracy and freedom from dust and foreign matter. The meter is perfectly balanced in any position, and the moving coil is exceptionally well dampened.
From the mounting of the sapphire bearing to the construction of the magnet, the materials, workmanship and design conform to the highest quality and most improved practice.
Accuracy guaranteed with 2%.

Model 701 Panel Instruments Flush Type

3¼ inches diameter

D.C. MILLIAMETERS—SINGLE RANGE

Range	Div.		Range	Div.	
0-1	50	$4.12	0-30	60	$3.25
0-1.5	60	4.12	0-50	50	3.25
0-2	40	4.12	0-100	50	3.25
0-3	60	4.12	0-150	60	3.25
0-5	50	3.25	0-200	40	3.25
0-10	50	3.25	0-250	40	3.25
0-15	60	3.25	0-300	60	3.25
0-20	40	3.25	0-500	50	3.25
0-25	50	3.25	0-800	40	3.25
			0-1000	50	3.25

D.C. MILLIAMETERS—DOUBLE RANGE

Range	Div.		Range	Div.	
0-1-10	50	$6.17	0-10-100	50	$5.31
0-1-25	50	6.17	0-15-150	60	5.31
0-5-50	50	5.31	0-25-250	50	5.31

Double Range Milliamperes are self contained and have three terminal posts.

D.C. AMMETERS—SINGLE RANGE

Ranges up to 50 amps. have self contained (internal) shunts. Ranges above 50 amps. have external shnnts.

Range	Div.		Range	Div.	
0-1	50	$3.25	0-25	50	$3.25
0-2	40	3.25	0-50	50	3.25
0-5	50	3.25	0-50	50	3.25
0-8	40	3.25	0-150	60	5.31
0-10	50	3.25	0-200	40	5.31
0-15	60	3.25	0-300	60	5.65
0-20	40	3.25	0-400	40	5.83
			0-500	50	6.17

The shunts furnished have a drop of 50 millivolts + or — 5%.

D.C. VOLTMETERS—SINGLE RANGE RESISTANCE APPROXIMATELY 125 OHMS PER VOLT

Range	Div.		Range	Div.	
0-1	50	$3.25	0-50	50	$3.25
0-2	40	3.25	0-100	50	3.25
0-3	60	3.25	0-150	60	3.25
0-5	50	3.25	0-200	40	4.12
0-8	40	3.25	0-250	50	4.12
0-15	60	3.25	0-300	60	4.80
0-20	40	3.25	0-500	50	5.49
0-25	50	3.25	0-1000	50	8.57

D.C. VOLTMETERS—SINGLE RANGE 1000 OHMS PER VOLT

Range	Div.		Range	Div.	
0-5	50	$4.80	0-150	60	$5.14
0-8	40	4.80	0-200	40	5.49
0-10	50	4.80	0-250	50	5.49
0-15	60	4.80	0-300	60	6.17
0-25	50	4.80	0-500	50	6.85
0-50	50	4.80	0-750	50	8.23
0-75	50	4.80	0-1000	50	9.26
0-100	50	5.14			

D.C. VOLTMETERS—DOUBLE RANGE 1000 OHMS PER VOLT

Range	Div.		Range	Div.	
0-10-100	50	$6.50	0-100-500	50	$8.23
0-15-150	60	6.50	0-150-750	60	9.70
0-50-250	50	6.85	0-250-750	50	9.70

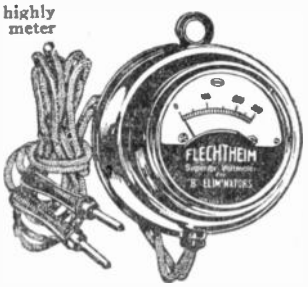
D.C. VOLTMETERS—ZERO CENTER 125 OHMS PER VOLT

Range	Div.		Range	Div.	
3-0-3	60	$3.25	50-0-50	50	$3.25
15-0-15	60	3.25	150-0-150	60	3.25

Dependable Tube Checker

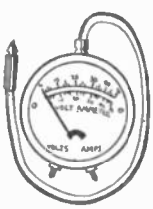
The "Dependable" represents the most remarkable value for the money in a modern and efficient tube checker. Tests all the new tubes as well as the old ones without the use of additional adapters.
Equipped with 4-5-6-7 prong sockets, and a filament control switch so that the heaters or filament may be supplied 1.5—2.0—2.5—3.3—5.0—6.3 and 7.5 volts at each and every one of the ten sockets. Both plates of the 80-82-83 and other rectifiers may be readily tested. There is a "2nd Plate" button for this purpose.
Grid Shift test is provided for relative conductance values. Arbitrary values are clearly indicated on the meter. A simple chart is furnished so that condition of tube may be easily determined. A button for short and gas tests are also included. Pilot light will immediately indicate short.
Panel is beautifully lithographed. Meter indication for all tubes are well over ¼ of the scale, due to special design features.
Handsome leatherette case measures 11" x 9" x 5". Operates directly from A.C. line. Line voltage switch insures proper reading on 105-115-125 volts at the supply lines
Cat. No. M3130. Our Price..... **$13.50**

Flechtheim 0-500 Volt D.C. High Resistance Meter



Furnished in highly nickel finished meter cases, equipped with flexible cords having well - insulated metal tips, with which to make connections.
Uses only 5 mils, current-resistance, 200 ohms per volt. Ideal for servicemen and amateurs who work with high voltages.
Meter is 2¾" in diameter.
Cat. No. M5255.
Our Price **$1.35**

Preston Battery Volt-Ammeter



A pocket volt-ammeter that will test both dry cells and 45 volt "B" batteries. Ammeter will read from 0-50 amperes. Voltmeter will read from 0-50 volts D.C. Readings may be taken irrespective of polarity of poles on either battery or meter. Meter is not to be left in circuit longer than necessary to make tests. Cased in beautiful nickel finished case.
Cat. No. M5421.
Our Price **59c**

Erdi Meter Rectifier

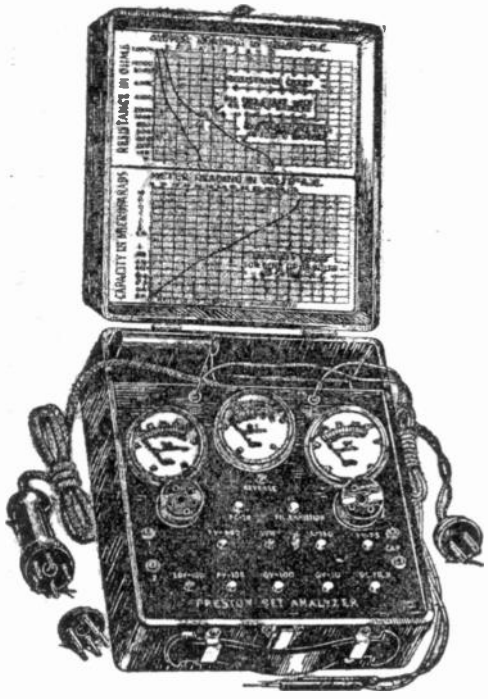
Consists of an arrangement of four copper oxide coated discs to give full wave rectification. The discs are prepared by a special process. Have excellent rectifying properties. Ideal for use in converting D.C. Meters to work on A.C. Will safely pass up to 15 milliamperes.
Cat. No. 5416.
Our Price **$2.50**

4, 5, 6, 7, Prong Connector Plugs

These plugs readily suggest themselves for many uses. Perfect for making external connections of dynamic speakers to receivers. Can also be used on set analyzers to supply voltages to an external tuner from an amplifier.

Cat. No. 1626—4 Prong.
Our Price **17c**
Cat. No. 1627—5 Prong
Our Price **19c**
Cat. No. 1628—6 Prong.
Our Price **20c**
Cat. No. 1629—7 Prong.
Our Price **21c**

PRESTON ANALYZERS AND METERS

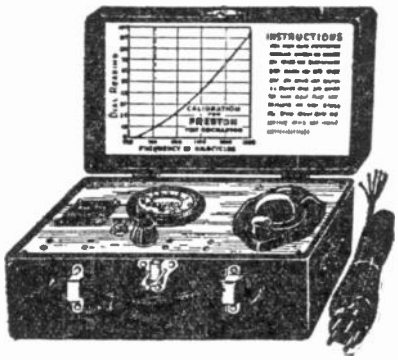


PRESTON TEST EQUIPMENT
Set Analyzer and Tube Tester

Preston Set Analyzer and Tube Tester. 1933 Model for all new tubes. Seven lead Cable. Complete with three adapters and long handle plug which will not jam in small tube shields. Push switches only—no rotary switches used. Three meters give ranges of 0-10-100-600 d.c., 0-10-150 a.c. and 0-20-100 m.a. Pin jacks permit external use of meters. For use with old or new receivers having 4, 5, 6 or 7 prong tubes. Sturdy Leatherette covered case. Detailed instructions given.

Cat. No. 3101. Price **$13.95**

PRESTON Test Oscillator



Preston Test Oscillator covers the broadcast band from 550 to 1500 k.c. and the i.f. band between 120 and 180 k.c. (other i.f. frequencies are checked by harmonics). Two '32 tubes are used as oscillator and modulator tubes. Clean cut modulation. Price quoted is less tubes and batteries.

Cat. No. 3102. Price **$11.76**

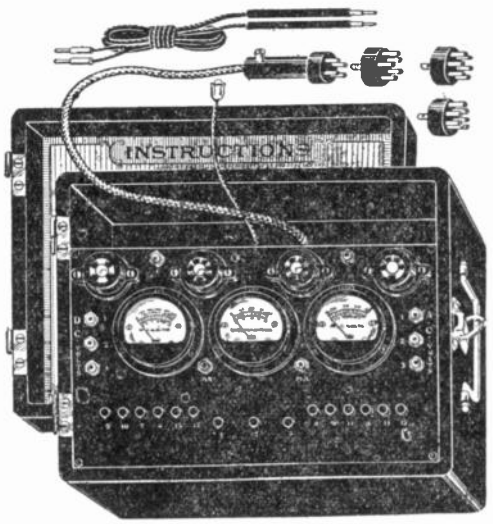
PRESTON OUTPUT METER

A necessity for adjusting receivers or amplifiers for most efficient operation. Connect directly across the output of the apparatus being measured. Meter is a rectifier type of extremely high resistance—consumes little current and give accurate readings on all equipment. Especially suited for aligning circuits, comparing tubes by substitution and checking trimmer adjustment. May also be used as a comparative audibility meter in comparing signal strength of various stations. Mounted in a neat moulded bakelite case. Provided with two long leads terminating in handy clips for ready connection to any circuit.

Cat. No. 3104
Price **$4.41**

MACKLYN Tube Tester and Analyzer

Macklyn Analyzer is complete in every detail. For use with new Seven Prong Tubes. Checks all tube voltages, measures Resistance and Capacitance. Every reading available by button test—no rotary switches. Newly designed meters. Makes individual test of rectifier tube plates. Narrow Alden plug supplied for working with sets having small shields. Three Alden lock-on adapters. Beautiful walnut case.



Cat. No. 3103
Price—

$20.58

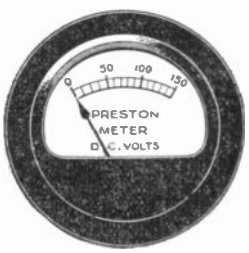
PRESTON 1933 METERS

The latest development in Vane Type meters. New D.C. Meters have zero adjustment.—New Chrome Steel Magnets giving dead-beat damping. Wide Flange, Dull Black Finish, Diameter 2 5/8".—Panel Hole 2 1/8".

Preston D.C. Meters

Voltmeters—200 ohms per volt			Milliammeters		
Cat. No.		Our Price	Cat. No.		Our Price
3105.	0-10 Volts.....	$.58	3112.	0-5 m.a.	$1.18
3106.	0-50 Volts.....	.88	3113.	0-10 m.a.	.88
3107.	0-150 Volts....	1.75	3114.	0-15 m.a.	.58
3108.	0-300 Volts....	2.35	3115.	0-25 m.a.	.58
3109.	0-8-160 (double scale)	1.75	3116.	0-100 m.a.	.58
3110.	0-20-100 (double scale)	1.47	3117.	0-150 m.a.	.58
3111.	0-60-300 (double scale)	2.35	3118.	0-200 m.a.	.58
3128.	0-10-100-600 (three scales).	2.94	3119.	0-20-100 (double scale)	.88

ALL D.C. METERS HAVE ZERO ADJUSTMENT



Preston D.C. Ammeters

Cat. No.		Our Price
3120.	0-3 amps. ...	58c
3121.	0-10 amps. ..	
3122.	10-0-10 amps.	Each

Preston A.C. Meters

A.C. Voltmeters

Cat. No.		Our Price
3123.	0-15 volts	$1.17
3124.	0-150 volts	1.60
3125.	0-8-150 volts (double scale)....	1.75
	A.C. Milliameters	
3126.	0-15 m.a.	1.17
3127.	0-50 m.a.	1.17

We carry testing equipment and meters of every description.

Prompt Service - Shipments within 24 Hours

FRANKLIN ELECTRICAL TESTING INSTRUMENTS

Model 33-B Universal Meter Set Analyzer

The Model 33-B Set Analyzer is the latest development in small, single meter, inexpensive testing instruments, for use in making a complete analysis of a radio receiver. Some of the tests which may be made with the Model 33-B are—Output Tests on receivers, to check overall sensitivity; two resistance scales for point-to-point resistance tests; filament, plate, grid, screen, cathode voltages; plate current and grid current for checking the amount of distortion in audio amplifiers, etc. The resistance scales will check up to 1,000 and 1,000,000 ohms. The output meter, being of the rectifier type, has a very high degree of sensitivity, and is actuated by a signal with a very low modulation percentage.

A new feature found in the Model 33-B Analyzer is the method of testing external circuits. A switching arrangement is used which enables various scales to be selected without changing pinjacks. The same two pinjacks are used for all voltage measurements, and the same two for all current measurements.

A.C. and D.C. voltage scales are: 0-5-10-250-500-1000. Current scales are: 0-5-10-100 MA and 0-1 ampere A.C. or D.C. All scales are available for testing external circuits.

Dimensions: 9½ inches high; 12⅞ inches wide; 3⅛ inches deep.

Shipping weight: 7¼ lbs.

Our Price **$50.50**

Model D-33—Tube Checker

The Model D-33 is identical to the Model H-33 in every respect, except that the Model D-33 does not have provision on the end of the instrument case for continuity tests, etc.

Like the Model H-33, the Model D-33 tests all modern types of tubes easily and quickly, including the 83, 85, and 89, without the use of adapters. It checks both plates of the 80, 82, 83, and 895; the pentode, or double screen grid, and the 866 mercury rectifier.

Checking tubes is a very fast operation with this new type checker. The table of normal tube readings is attached to the inside of the lid of the instrument, and at a glance complete data on a normal tube is available.

Bakelite panels and cases used on all instruments insure high insulation qualities and handsome appearance. Each instrument case is equipped with hinged lid and catch, extra length A.C. cord, leather carrying handle, screen-grid lead, and other convenient features. All contacts are silver plated. No live contacts are exposed, making each instrument absolutely safe. Tubes short-circuited are indicated without any possible injury to the checker.

Weston meters are used. Every instrument fully guaranteed against defective material and poor workmanship. Dimensions: 7¼ in. high; 5¼ in. wide; 2¾ in. deep. Shipping weight: 5½ lbs.

Our Price **$23.75**

Model 1—Voltmeter-Ohmmeter

The Model 1 Voltmeter-Ohmmeter is a single meter, moderately priced instrument combining various ranges and testing facilities required for radio service work.

The Model 1 consists of a bakelite cased Jewel Meter, with flush mounting on a laminated bakelite panel, and housed in a hardwood case finished in oak. The pin jacks and push buttons are all mounted on the bakelite front panel. A 4½ volt battery is inclosed in the case.

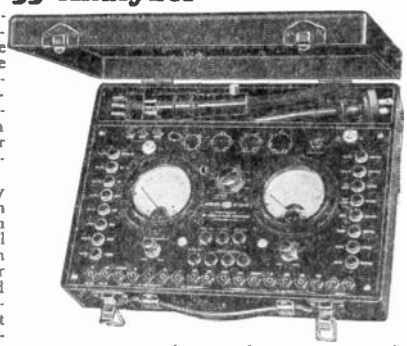
The battery is required for measuring resistance values and testing circuits. An outside voltage supply is unnecessary, and provision is made for battery voltage compensation.

The meter has a double scale: the upper scale reading 0-100,000 ohms; the lower scale reading 0-300 volts. The resistance range can be reduced to one-tenth its value and the voltage range can be reduced to 3 or 30 volts and increased to 600 volts. When used as a voltmeter, the Model 1 has a resistance of 1,000 ohms per volt in each of its ranges, thereby measuring plate voltage without error.

Dimensions: 6 in. high; 4 in. wide; 2½ in. deep. Shipping weight: 3 lbs.

Our Price **$24.00**

Model 33 Analyzer



The Model 33 Analyzer is identical to the Model D-33-A Combination, except that it does not have a complete self-contained tube checker. It will make a complete analysis of all circuit conditions existing in any radio receiver or electrical apparatus within the limits of 1000 volts A.C. or D.C., and current up to 100 milliamperes.

The instrument is operated by means of push buttons, and fifteen meter ranges are available through the use of pin jacks for external testing. Large 3-inch Weston Meters are used. The D.C. meter is rated at 1000 ohms per volt and the A.C. meter is a double movement instrument to permit lowest current consumption. The instrument is fully protected by circuit arrangement, so that no damage can result from incorrect operation, accidental or otherwise. Furnished complete in handsome black molded bakelite case with genuine leather handle and gunmetal fittings.

Screen grid leads, and two five-foot test leads with insulated tips are furnished as standard equipment.

The Model 33 will serve many as an auxiliary instrument, and others owning a modern tube checker can economize by purchasing the straight analyzer. For any purpose, it will pay large returns on the moderate investment.

Dimensions: 9½ in. high; 12⅞ in. wide; 3⅛ in. deep.

Shipping weight: 11 lbs.

Our Price **$84.00**

Model H-33—Tube Checker

The ultra modern in portable tube testing equipment. Tests all tubes announced to date, including the 83, 85, and 89. Provision has also been made for testing the 6.3 volt series of six-prong tubes and the 2.5 and 6.3 volt series of seven-prong tubes without the use of adapters of any kind, or any changes in circuit wiring.

In all Franklin tube testing equipment the plate, grid, and other parts of the tube are energized with the proper voltages of DIRECT CURRENT of various magnitudes as governed by the characteristics of the tube. When a tube is placed in a socket of a Franklin tube testing instrument, the same voltages are applied to the tube as when it is in use in a properly designed radio receiver, with the manufacturers' recommended voltages applied thereto.

In addition to rapidly and accurately testing all modern types of tubes, this instrument is designed for use in making circuit, continuity, and point-to-point tests on radio receivers. Voltage taps on the end of the instrument case are provided for this purpose, also for the testing of condensers of all types, and resistors up to 2,000,000 ohms, literally making the instrument a junior set analyzer.

Dimensions: 7¼ in. high; 5¼ in. wide; 2¾ in. deep.

Shipping weight: 5½ lbs.

Our Price **$29.75**

Model 33-C—English Reading Tube Checker

The Model 33-C Tube Checker is the "last word" in English reading tube checkers, extremely simple in operation, and designed for both portable use and counter display use in the dealer's store. This type instrument is used extensively by service men and retail dealers in tubes, as a display type checker for counter use in the store, and it is particularly well adapted for outside service work, due to its extreme compactness. Customers can be readily shown that their tubes are "Good," "Fair," or "Poor," by means of the attractively multi-colored meter scale on the Model 33-C Checker.

The Model 33-C Checker will test all types of tubes released up to the present time, including the new six and seven prong tubes, and both plates of full wave rectifiers. The limits are set sufficiently high to prevent the passage of poor tubes, yet not to reject tubes because of slight variations in manufacture.

There are no buttons to be pressed when testing tubes with the Model 33-C. The large pointer is set to the proper position as given in the instruction sheet, filament voltage and line voltage adjusted to the proper value, the tube inserted in the proper socket, and its condition is read from the meter.

Bakelite panels and cases used on all instruments insure high insulation qualities and handsome appearance. Each instrument case is equipped with slip hinges (for removal of lid), and catch, extra length A.C. cord, leather carrying handle, screen grid lead, and other convenient features.

Dimensions: 9½ in. high; 12⅞ in. long; 3⅛ in. deep.

Shipping weight: 10 lbs.

Our Price **$56.00**

Readrite

I.C.A. Adapters

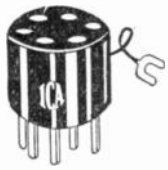
Neutralizing Adapter

For use in balancing neutralizing condensers in superheterodyne or neutrodyne sets. One filament is dead, enabling the use of an ordinary tube for balancing. Supplied with four and five prong sockets.

Cat. No. 1357-IC.
For four prong UX.
Our Price **39c**

Cat. No. 1358-IC.
For five prong UY.
Our Price **39c**

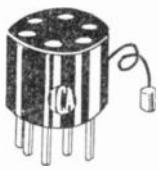
Type 58 Tube Adapter



This adapter is designed to make the necessary connections for using a '58 type tube in place of a '35 or 551 tube in any radio receiver. It has a six prong receptacle connected to a five prong plug. The suppressor and cathode are connected together and brought down to the cathode prong. All of the other contacts are connected straight through the adapter.

Cat. No. 1701-IC.
Our Price **39c**

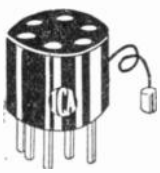
Type 41 Pentode Tube Adapter



This adapter has been properly designed to make the necessary connections for inserting a type '41 in place of a '38 type tube. It has a six prong receptacle on top and five prong base plug. The grid terminal of the top socket is brought out to a wire lead having a screen grid cap on its end which is to be inserted in the grid clip in the receiver.

Cat. No. 1705-IC.
Our Price **39c**

Type 41 Pentode Test Adapter



Designed to permit testing the new pentode 41 tube in any analyzer. Proper voltages are applied to the prongs of the tube. Your equipment is not up to date without this adapter.

Cat. No. 1724-IC. Our Price **59c**

Type 46 Tube Adapter

This adapter has been designed to make the proper connections for inserting the new type '46 tube in place of a '45 type tube acting as a Class A amplifier. It has a five prong receptacle on the top connected to a four prong base. The cathode and plate are connected together and brought down to the plate prong of the bottom plug.

Cat. No. 1702-IC. Our Price **59c**

Readrite Combination All-Tube Adapter

A handy combination adapter supplied complete with a plug and cable. Plugs into any standard tube checker. Will test all tubes released to date, including 29, 41, 42, 69, 57, 58, 59, 82, 83, 55, 85, 79 and Wunderlich Series. Furnished with chart and clearly stated directions.

Cat. No. 74-R
Price **$2.20**

45 R Test Adapter
For testing the 2 volt series tubes in a 27 or 24 socket. Four tube socket—five prong plug.
Cat. No. 45-R. Our Price..... **44c**

P. T. Test Adapter
Used to test 46 and 47 tubes in 27 sockets in all analyzers and checkers.
Cat. No. PT-R. Our Price **44c**

36 Test Adapter
Ideal for testing the 6.3 volt auto tubes (36, 38, 39, 44). Plug into 210 or 250 analyzer socket.
Cat. No. 36-R. Our Price **44c**

82 Test Adapter
Tests 82 and 83 type tubes in 245 and 201A sockets, respectively.
Cat. No. 82-R. Our Price **73c**

62 Test Adapter
One of the most necessary items. Plugs in 245 or 210 socket and tests 55, 65, 85, 29 types.
Cat. No. 62-R. Our Price **44c**

Type 58 Adapter
Used to adapt old type analyzers to test the 6 prong tube circuits. Comprises double adapter with 40" cord.
Cat. No. 58-R. Our Price **88c**

Type 37 Adapter
Plugs into 210 or 250 socket and tests the type 37 tube.
Cat. No. 37-R. Our Price **44c**

Type 57 Adapter
Ideal for testing 57, 58, 89, 41 and 42 type tubes in any analyzer with a 245 or 210.
Cat. No. 57-R. Our Price **44c**

Type 175 Adapter
Will test from the seven holes receiving set socket using 59 type tube. Supplied for Readrite No. 245A, No. 700, No. 600 testers. Comprise double adapter and 40" cord.
Cat. No. 175-R. Our Price **$1.18**

Type 176 Adapter
Will test from the seven hole socket in the set using 59 type tube. For use with Readrite No. 610, No. 710 analyzer without seven hole socket.
Cat. No. 176-R. Our Price **88c**

Type 64 Adapter
For testing from a four hole socket when set tester has a six prong plug. Six hole socket on a 4 prong base.
Cat. No. 64-R. Our Price **44c**

Type 66 Adapter
Adapts a six prong analyzer cable plug to a five hole receiving socket. Consists of a six hole socket and a five prong plug.
Cat. No. 63-R. Our Price **44c**

Type 66 Adapter
This plug has a 2½" bakelite handle with adapter clamp. Furnished in 5 and 6 prong models.
Cat. No. 66-R. Our Price **44c**

Type 24 Adapter
Designed to permit testing Kellogg type tubes in any standard analyzer.
Cat. No. 24-R. Our Price **59c**

Type 59 Adapter
Permits replacing the 24 or 24A detector tube with the modern 57. Increases volume and power handling ability.
Cat. No. 59-R. Our Price **44c**

I.C.A. Adapters

Type 82 Tube Adapter

This adapter has been designed to make the proper connections for inserting type '82 Mercury Vapor Rectifier in place of the type 280. It has a four prong socket receptacle on top and four prong plug at the bottom. There is a suitable resistance connected in series with the filament leads to drop the filament voltage to 2½ volts.

Cat. No. 1703-IC. Our Price **72c**

Socket Saving Adapter

Don't wear out the sockets in your set analyzers. Use the I. C. A. Socket Saving Adapters and when tube connections in I. C. A. Adapter wear out, simply replace it with another I. C. A. Adapter. Avoid the necessity of ripping your analyzer apart and rewiring it in order to replace worn out tube contacts or sockets. Very useful when many tubes are to be tested. Adapter has six prong receptacle on top and 6 prong base on the bottom.

Cat. No. 1715-IC. Our Price **59c**

Type 57 Test Adapters

This adapter has the necessary connection for testing a '57 type tube in set analyzers having five prong sockets for test purposes. It has a six prong receptacle on top connected to a five prong plug. The suppressor and cathode are connected together and brought down to the cathode prong. All other contacts are connected straight through the adapter.

Cat. No. 1716-IC. Our Price **39c**

Type 58 Test Adapter

This adapter has the necessary connections for testing a '58 type tube in set analyzers having a five prong receptacle. It has a 6 prong receptacle on top connected to a 5 prong plug. The suppressor and cathode are connected together and brought down to the cathode prong. All other contacts are connected straight through the adapter.

Cat. No. 1717-IC.
Our Price **39c**

Type 57 Tube Adapter

This adapter is designed to make the necessary connections for using a '57 type tube in place of a '24 type tube in any radio receiver. It has a six prong receptacle connected to a five prong plug. The suppressor and cathode are connected together and brought down to the cathode prong. All of the other contacts are connected straight through the adapter.

Cat. No. 1700-IC.
Our Price **39c**

We Guarantee to MEET or BEAT competition

ADAPTERS FOR EVERY USE

Extra Speaker Adapter

Why not enjoy the convenience of an extra speaker in your bedroom, kitchen or living room? If you have hesitated because you did not desire to tamper with the circuit of the set—this is no longer a reason. By simply slipping the two wafer adapters under your power tubes and connecting to the remote speaker, satisfactory operation can be secured. In cases where a single power tube is used, one wafer is disconnected and grounded to the frame. Complete with phono cord connector.

Cat. No. A-1625. Our Price **35c**

I.C.A. Earphone Adapter

Specially designed for use with the new electric sets. Can also be used on battery model sets. One can now listen to distance without disturbing the rest of the family. Volume can be controlled from the receiver.

Cat. No. 1621.—4 Prong. Our Price **85c**

Cat. No. 1616.—5 Prong. Our Price **85c**

Microphone and Pickup Adapter

Five prong adapter with proper connections brought out so that an external microphone or phonograph pickup can be connected to your radio set.

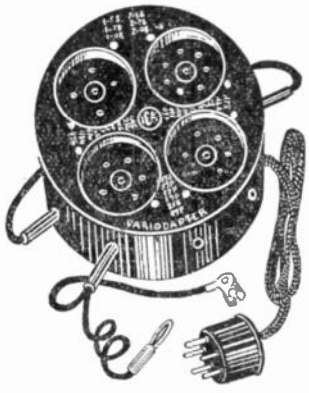
Cat. No. 1600. Our Price **25c**

Adapter Plug and Cable

A five prong moulded bakelite plug with a five foot coded cable. For use in testers, or as speaker connector. A very handy item for any serviceman.

Cat. No. 1633. Our Price **25c**

Variadapter



Why not bring your tube and set tester up to date? Eliminate guessing at the characteristics of the new type tubes that your old analyzer will not test. No longer is it necessary to purchase expensive equipment to bring your service kit up to the minute. Merely plug in this adapter assembly to your analyzer and check all the new tubes directly. All readings will be to the limit of accuracy of your analyzer meters. Properly designed to give all necessary readings—complete with full instructions—so simple anyone can operate it.

FEATURES:

1.—Accuracy limited only by the meters in use.

2.—Tests 54 new tubes—without additional adapters when used with any analyzer.

3.—Sturdy construction—will stand up.

4.—Complete with cable and plug—may be placed in any position.

5.—Extremely neat in appearance; an addition to any service laboratory.

6.—Small in size.

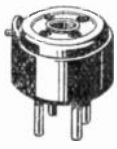
Cat. No. A-2021. Our Price **$2.48**

Microphone and Pick-Up Adapter

Has a split cathode connection. May be used in connection with a microphone, thus supplying the necessary current for operation. It may also be used as a phonograph adapter where the tube under which it is inserted is an amplifier tube.

Cat. No. 1632. Our Price **55c**

UV-UX Adapters



The serviceman still handles many sets using the old UV sockets. By merely plugging in the adapter the new UX base tubes may be used. Why pay premium prices for UV base tubes?

Cat. No. A-2026. Our Price **39c**

4 and 5 Prong Adapters

A valuable addition to every serviceman's testing equipment. Instantly adaptable in making connections to a four or five prong socket where no wires are exposed. Grid, plate, cathode and heater circuits can be opened for ready insertion of meters or test equipment by simply removing proper circuit link. Please state what type wanted, 4 or 5 prong.

Cat. No. 1607. Our Price—4 Prong..... **93c**

Cat. No. 1602. Our Price—5 Prong..... **93c**

Pentode Adapter

Permits replacing the 245 power tubes now in use with the new 247's. Secure the quality and power of the latest receivers. Will not overload or in any way damage the receiver. May be used for single or push-pull amplifiers.

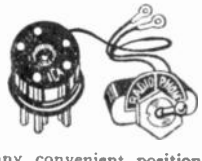
Cat. No. A-2027. Single Pentode Adapter. Our Price **39c**

Screen Grid Phono Adapter

A simple method of connecting a phono pickup to a screen grid tube. May be attached to any set in a moment's time. Simply plug into screen grid top of tube. With phono tip jacks for pickup leads. As about 60% of the modern sets use this type of detector tube, every service man should stock a supply.

Cat. No. A-2019. Our Price **27c**

I.C.A. Phono Radio Switch and Adapter



Merely place this adapter under your detector tube and connect the pickup to the two wires. A fully insulated switch is provided that may be placed in any convenient position, table or panel mounted. To change from phono to radio operation it is merely necessary to snap the switch—no need to disconnect wires.

Cat. No. A-2020. Our Price **$1.49**

6 Prong Phono and Mike Adapters

A brand new item—the answer to the tremendous demand caused by sets using the new tubes. The neat bakelite construction and small size adapt them to all sets. Complete with extension connector.

MICROPHONE ADAPTER

Used to connect any single button or home broadcast microphone to a set using the new 6 prong base detector tube. Has split cathode connection which couples properly and supplies all needed button current.

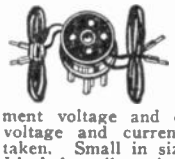
Cat. No. A-2022. Our Price..... **58c**

PHONO PICKUP ADAPTER

Simply plug in detector socket and connect to your pickup. Provides the simplest method of securing a perfect connection and proper impedance match. Makes your set an electric phonograph. Ideal for parties, dances, etc.

Cat. No. A-2023. Our Price **58c**

Test Adapter for 282



A handy adapter for testing the new 282 tube. Leads are brought out from each pin so that readings of filament voltage and current, also plate voltage and current may be readily taken. Small in size—neat in design. Ideal for all analyzer use.

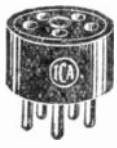
Cat. No. A-2024. Our Price **69c**

Oscillator Control Adapters

The grid circuit is broken and brought out to pin tip terminals and a neat bakelite connector is included. Provides a quick method of determining the correct value of suppressor to use. No wasted time soldering various values in position—merely plug them in.

Cat. No. A-2025. Our Price **58c**

UX and UY Test Adapters



Suitable for analyzer and set tester use. Ideal for all applications. Cathode terminal connects to one side of filament on 4 prong outlet.

4 to 5 Adapter: A four to five prong adapter with 4 bottom pins and a 5 prong 4 prong tube socket on the top.

Cat. No. A-2028. Our Price **43c**

5 to 4 Adapter: A five to four prong adapter with 5 bottom pins and a tube socket on the top.

Cat. No. A-2029. Our Price **43c**

Pentode Set Analyzer Adapter

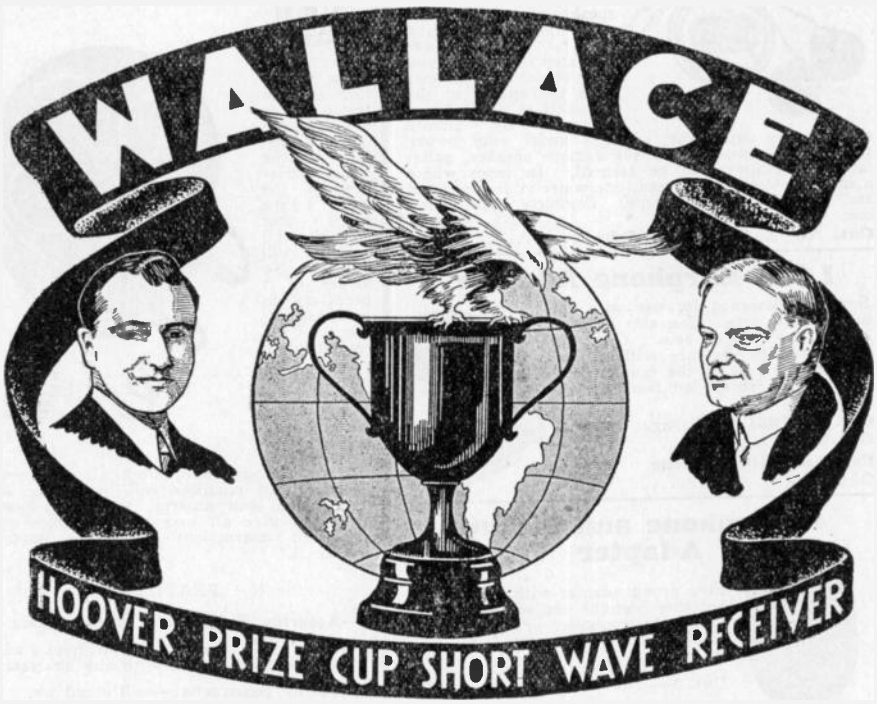
Ideal for testing pentode tubes in set analyzers where there is no socket provided for this purpose. Merely plug in to power tube socket in analyzer. Current for extra grid is supplied from plate prong.

Cat. No. A-2030. For use in UX Socket. Our Price..... **39c**

Cat. No. A-2031. For use in UY Socket. Our Price..... **39c**
Cathode prong is dead.

TRY-MO ANNOUNCES

BECAUSE he heard stations that were *inaudible* by others in a competitive test, Don C. Wallace of Long Beach, Calif., was awarded the Hoover Cup for best short wave reception. He has not, until this time, divulged the secret of how his receiver was built. But *NOW*, in his 1933 Short Wave Manual, he tells you how to build the *improved* model of the receiver that was used in this history-making achievement. The Wallace receiver brings in stations you don't hear on other sets. It costs only a few dollars to make . . . from parts that are available, or by making all of the parts in your own home. It's so simple that a 14 year old boy can make it . . . in an evening.



—and a Great New Short Wave Manual THAT TELLS YOU HOW TO BUILD THIS RECEIVER

DON C. WALLACE, W6AM-W6ZZA, America's foremost radio short wave enthusiast, opens the door to short wave reception such as you have never before thought possible. He has published the 1933 Wallace Short Wave Manual, chock full of new short wave ideas . . . secrets he once refused to divulge to anyone . . . information you have never before seen in print. A new kind of a Manual for a new era in short wave radio. It tells how to build selective tuned antennae, matched to the exact wave you want to hear; how to make the famous Hoover-Cup short wave receiver; how to make all of the parts that go into it; how to make a simple little short wave transmitter that reaches out; how to make a simple radio telephone transmitter; how to learn the code; how to become an amateur; how to pass the U. S. Govt. examinations; how to determine what stations you can hear, by means of his audibility and probability rating chart; time schedule of short wave stations of the world; history of short wave radio, with many fine illustrations; data on eliminating noises before they ever reach the short wave receiver; widespread tuning methods; new loss-preventing devices; complete instructions for making the renowned 2 tube short wave receiver, noise free in operation . . . capable of bringing in stations from 26 countries; data of all kinds to show how to get the most out of short wave radio. Here, in this great Manual, is your course of instruction in short waves.

Price **$1.00**

How to Build and Operate Short Wave Receivers

The finest book ever published on "How to Build and Operate Short Wave Receivers." This book has been edited and prepared by the authors of Short Wave Craft. It contains a wealth of information for those seeking a practical knowledge of short waves. Dozens of short wave receiver diagrams will be found in this book, actual photographs of the sets and hundreds of illustrations which the short wave fans will find helpful. The book measures 7½ x 10 inches.

Cat. No. BK1317.
Our Price **45c**

How to Become an Amateur Radio Operator

Anyone interested in becoming a licensed code operator needs this handy volume. Everything is covered; theory, operation, questions and answers. The author is a famous navy man who has specialized in radio communication for many years. The book contains 72 pages and over 150 illustrations.

Cat. No. BK1316.
Our Price **50c**

The Radio Amateur's Handbook

For Those Who Know the Handbook

For years the "Handbook" has been the practical working guide of successful amateurs the world over. It has just been given a most complete and thorough revision by members of the technical, editorial, and communications department of A. R. R. L. Headquarters. Everything is on a strictly 1933 basis, replacing the apparatus and methods which used to be good enough but aren't any more.

For Those Who Don't Know the Handbook
The Handbook is a practical manual of amateur radio in all its phases, published by the American Radio Relay League, the amateurs' own organization. It starts at the beginning and tells the whole story; theoretical and practical. Contains 244 pages and 227 illustrations.

Cat. No. BK1318. Our Price ... **$1.00**

Manual of Short Wave Radio

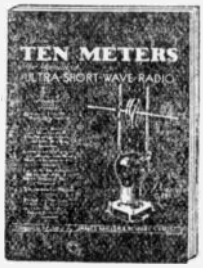
By Zeh Bouck

Contains 64 pages of interesting facts on—learning the code—the converter handbook—tuned R.F. Receivers and supers.

The size of the book is 8½ x 11½ inches.

Cat. No. BK1319.
Our Price **50c**

Below Ten Meters



By James Millen and R. S. Kruse

This is the first and only book of its kind. Contains the history of Ultra Short Wave development, articles about the Generation, Radiation and Measurement of Ultra Short Wave Quasi-Optical and Infra-Red Rays, the Commercial application of Short Waves. The use of the ¼ and 5 meter band. Contains over 120 illustrations. 60 Pages, 8½ x 11¼ inches.

Cat. No. BK1320.
Our Price **50c**

Prompt Service—Shipments within 24 Hours

RADIO TECHNICAL BOOKS

RADIO CRAFT LIBRARY

A series of Radio Technical Books that covers every phase of the Radio Industry. Each book is a collection of the works of master engineers who made it their business to tell everything of importance clearly and simply. They were designed to give radio men the opportunity to specialize on one or more of the popular branches of the Radio Industry.
The latest addition to the Radio Craft Library is the Point-To-Point Resistance Measurements, which is described below.
All books contain 64 pages. 6" x 9". Bound in stiff board covers.

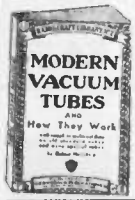
Radio Set Analyzers and How to Use Them

A book that is necessary and helpful to every serviceman. It thoroughly explains the operation of modern set analyzers, oscillators, tube checkers and other testing equipment. These are illustrated with photographs and diagrams. Many hints and short cuts to correct testing are contained in this book. It covers every phase of radio testing completely.
Cat. No. 1301.
Our Price **39c**

Bringing Electric Sets Up to Date

Millions of electrically operated radio sets in this country could be modernized by the proper installation of new tubes, speakers or other improvements of modern design. Improving old sets is proving to be lucrative work for the Service Man. Take advantage of this waiting opportunity. This book tells how to go about improving or modernizing all types of obsolete sets.
Cat. No. 1308.
Our Price **39c**

Modern Vacuum Tubes and How They Work



The fundamentals of the Electron Theory are completely explained in this book. This deals progressively from the simple two element tubes to the very latest pentodes and thyrotrons. It is written in clear simple language that will not confuse the average layman.
Cat. No. 1302.
Our Price **39c**

Radio Kinks and Wrinkles

Short cuts save time and money in any business. The Service Man knows many of these business helps but he needs a handy reference book to refresh his memory when necessary. Many new kinks will be found in this volume. Only important items are contained in this splendid compilation.
Cat. No. 1305.
Our Price **39c**

Superheterodyne Book

The superheterodyne circuit has been commercially used longer than any other circuit; an understanding of the fundamental principles of this important circuit should be part of every radio man's knowledge. Service men and experimenters will find first hand knowledge about the construction of practical models in this book.
Cat. No. 1303.
Our Price **39c**

Radio Question and Answer Book

A collection of questions and answers which covers the important phases of radio. The long list of topics better explains the subjects in this book: Radio Servicing; Receiver Design; Home Recording; Television; Sound Equipment; Short Waves; Antennas; Operating Notes; Test Equipment; Tubes; Ultra-Short Waves; Police Radio; Reproducers; Superheterodynes; Automotive Sets; Power Packs; Automatic and Remote Control Devices; Aligning Procedure; Photoelectricity; Adapters; Measuring Apparatus; Band-Selectors; Converters; Public Address Systems; Midget Sets; Oscillators; Phonograph Pickups.
Cat. No. BK1321. Our Price..... **39c**

Modern Radio Hookups

The man who likes to try unorthodox or special circuits will find this book very useful. Many fine circuits have never been commercialized and the experimenter has a large field in which to work. Over 150 circuits, many of them famous, are included. Changing ordinary receivers into special outfits is fascinating many.
Cat. No. 1307.
Our Price **39c**

Automobile Radio Servicing

Special problems not encountered in ordinary radio work confront the radio man who installs or services automobile sets. This book is concise and contains numerous photographs, illustrations, hookups and diagrams. No one who works with automobile radios should be without this book.
Cat. No. 1306.
Our Price **39c**

Home Recording and All About It

The art of recording and reproducing broadcast programs is becoming very important to men in all walks of life. The radio man can master this subject with the aid of this helpful book. The installation of amplifiers in dance halls, auditoriums, athletic fields, churches, schools and many other places is described. This field is not over crowded and is bringing many extra dollars to the men who know how to properly handle the work.
Cat. No. 1310.
Our Price **39c**

How to Become a Radio Service Man

A first class Service Man must know his profession. Thousands of service men have acquired new ideas about their business from this text. The essential stages in the preparation for qualifying as a Service Man are covered very carefully.
Cat. No. 1304.
Our Price **39c**

Point-to-Point Resistance Measurements

The most difficult problem which servicemen face today when repairing radio receivers is that of replacing resistance values in sets. This task becomes even more difficult when the values of resistors are unknown; and manufacturers of many standard sets do not pass this information on to the serviceman.
In this new book, "Resistance Measurements," radio men will find the information needed to quickly replace a resistance in normal operating condition. This book cuts in half the time usually required to adjust the average set.
Sufficient space has been devoted to the elementary problems and the theory of electricity as it is applied to resistance measurements, so the Service Man will have a comprehensive idea as to how to overcome his problem.
64 Pages—Over 100 Illustrations. 6 x 9 inches.
Cat. No. BK1322. Our Price **39c**

2 Books for a Complete Radio Education

Radio Physics Course

By Alfred A. Ghirardi, E.E.

New, second, enlarged and revised edition, including Short Waves, Television and Sound Pictures. Contains in addition to the most popular course ever written, a complete course in Sound and Electricity as applied to radio. Written in clear simple style which has won the author great popularity as a writer for technical and radio magazines, and as a teacher of radio and electricity. Everything explained simply, clearly and completely, with the aid of hundreds of diagrams and illustrations. All chapters, including those on Vacuum Tubes, Superheterodyne, Electric Receivers, Short Wave, Television and the Talkies, have been brought up to the minute, with complete descriptions of all the new developments brought out during the past year.
992 Pages—500 illustrations—7¼ inches x 9¼ inches, cloth bound.
Cat. No. BK1323. Our Price..... **$3.50**

Radio Servicing Course

By Alfred A. Ghirardi and Bertrand M. Freed

Contains a complete course of modern radio servicing as it is practiced today. It will show you how to commercialize on radio servicing by doing radio servicing scientifically, rapidly with proper test equipment. Contains complete trouble-shooting chart prepared especially as a result of the extensive experience of the authors, useful data on Vacuum Tubes, Soldering Technique, description of practical service Test Oscillators and Tube Checkers, Interference and noise elimination, Vacuum Tube Checkers, etc. Explains very clearly and illustrated profusely.
192 Pages—121 illustrations—5" x 7½". **$1.50**
Cat. No. BK1324. Our Price.....

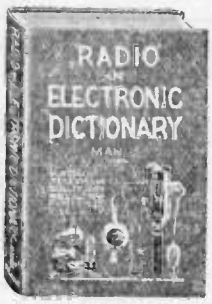
Fundamental Principles of Radio

Radio Simply Explained—Its Origin—Nature—Functions

By Louis Martin

Prepared with special consideration given to young members in the radio profession, and those who have gained their experience in a haphazard fashion. This radio primer is a handy fundamental aid for "checking up" and systematizing your knowledge of radio. Regardless of how much you know about the subject, you should read this book.
Partial contents of the book are: Fundamentals of Radio; Electricity; Resistance; Batteries; Magnetic Circuit; The Magnetic Field; Inductance; Condensers; A.C. Circuits; Propagation of Radio; Waves; The Simple Radio Set; Electric Sets; Loud Speakers; Diagrams and How to Read Them; Amateur and Broadcast Stations; Talking Pictures; Television.
Cat. No. BK1325. Our Price..... **50c**

Radio and Electronic Dictionary



An up-to-the-minute book that is easy to use, contains timely and authoritative definitions of technical terms used in radio and the associated electronic arts. All branches are covered such as aviation, navigation, photoelectricity, commercial or industrial control, public address, sound motion pictures, telephotography, electricity, and magnetism. There are 3800 definitions of words and terms used in the various electronic fields.
Cat. No. 1312.
Our Price **$2.15**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

TECHNICAL BOOKS AND MANUALS

Rider's Service Manual Volume 1 and 2

By John Rider

No duplication in Volumes 1 and 2. The data in volume 1 covers radio equipment from 1919 up to October, 1931. Volume 2 takes up where Volume 1 leaves off, covering all receivers from October, 1931 to date. Both volumes are handsomely bound and are loose leaf. The data furnished enables the service man to repair any make of radio receiver with the greatest ease. Every diagram is plainly marked and voltage readings are given. Schematic diagram of all receivers are included and chassis layout, electrical values, peak values for supers, resistance data, etc., are given. Instruction is given in locating trouble by knowing the peculiarities of certain types of receivers.

Cat. No. 1314. Volume No. 1 contains more than 1000 pages and covers receivers from 1919 to October, 1931
Our Price **$4.50**

Cat. No. 1315. Volume No. 2. More than 700 pages from October, 1931 to date.
Our Price **$5.00**

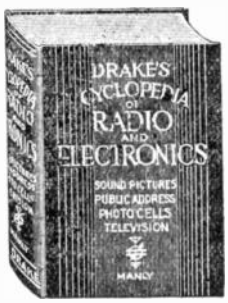
Just Released ! !
New Rider #3 Trouble Shooters Manual

830 pages

Contains a valuable chronological list of all receivers released up to date. Goes back to 1931. Full data is included on each model. Thus it becomes an easy matter to determine the model number of any given set, or any characteristics of the same which may not be on hand. Atwater-Kent electrical characteristics are given in detail.

Cat. No. 1315-A. Our Price **$7.50**

Drakes Cyclopedia of Radio and Electronics



More than 500 subjects referring to radio communication are covered in this book. There are 1048 pages and 1178 illustrations as well as 1700 headings, 130 tables and 105 graphs in this volume. Allied subjects such as sound pictures, photocells, television, public address systems, aviation radio, short wave reception, etc. are covered. This is the standard reference book or encyclopedia of radio and allied fields. No serviceman, experimenter, operator, dealer, salesman or amateur should be without a copy. It is bound in buckram and has a two color cover.

Cat. No. 1311.
Our Price..... **$4.60**

Official Refrigeration Service Manual

By L. K. Wright

450 pages—Over 1200 diagrams
A complete refrigerator service manual recently revised and brought up to date with an additional 96 pages. Explains everything about servicing refrigerators in clear language. Every page contains an illustration, every part of the refrigerator is carefully explained, a diagram of every known machine is shown.

Cat. No. GB-1327.
Our Price **$4.00**

New 1933 Official Radio Service Manual

By Hugo Gernsback
Over 700 pages—9 x 12 inches

Here is the latest addition to the Radio Serviceman's Manual series. No information has been repeated in this new 1933 Manual; it is entirely new. All receivers that have been released during 1931 and 1932 are listed in this book.

A few glimpses into the contents of the book:

★ **Values of resistors and condensers to aid in replacement work.**
★ **Complete picture views of hundreds of commercial receivers, showing layouts and placement of parts.**
★ **Automobile installation and servicing.**
★ **The use of modern testing equipment.**
★ **A section of moneymaking suggestions to the serviceman.**
★ **Short cuts to radio servicing.**

Many hundreds of items too numerous to mention are detailed in this handy book.

Coupons inserted in the book permit you to submit perplexing service questions to the publishers who will be pleased to answer them for you.

Cat. No. HGM-1329.
Price **$4.50**

OFFICIAL 1932 EDITION OF RADIO SERVICE MANUAL

Information similar to that of the 1933 manual. 1931 and 1932 receivers are reviewed. However, none of the information published in the 1933 book is contained.
Cat. No. HGM-1330. Complete with six supplements. Our Price **$4.50**

OFFICIAL 1931 RADIO SERVICE MANUAL

This book contains information on all receivers released from 1927 to 1931. Over 2000 illustrations are shown. 650 pages. Size 9 x 12.
Cat. No. HGM-1331. Our Price **$4.50**

Gernsback Radio Encyclopedia

By S. Gernsback

A highly instructive and informative book. A necessity for every student, experimenter, and amateur. A complete glossary of all terms and symbols used in radio and associated electrical work. Information derived will pay for many times the cost of the book. Written by one of the most famous men associated with radio. All up to date terms as well as symbols are explained in this book. Nobody associated with radio can afford to be without one.

Cat. No. SGE-1332.
Our Price **$2.75**

Electrad Resistor Guide Manual (1933) With Free Supplements

This book is a necessary item for every serviceman, "ham" or experimenter. A perpetual loose leaf guide is constantly kept up and sent to you four times a year without any additional charges. It shows at a glance the exact size of resistances and volume controls required in any type of circuit. Resistor and volume control diagrams of over 1000 receivers are contained in this handy book.

Due to its small size it can be placed into the pocket without any inconvenience. Measures only 5 x 8". Black fabricoid, flexible cover.

Cat. No. EBH-1933 ..... **$1.00**
Price .....

Television—Its Method and Uses

By Edgar H. Felix

A concise and understandable explanation of television—with frank and impartial analysis of its status, its probable future and its commercial possibilities.

This book explains the technical principles and processes involved in transmitting and receiving picture signals. And finally it points out the problems still unsolved and the likely direction of future development.

Cat. No. MHB-1328. **$2.50**
Our Price .....

Radio Receiving Tubes

By James A. Moyer and John F. Wostrel

325 pages, 5½ x 8, fully illustrated
In this book the essential principles underlying the operation of vacuum tubes are explained in as non-technical a manner as is consistent with accuracy. This edition covers the recent rapid developments in this field, including the new and improved type of tube and their working application.

Cat. No. MHB-1333 **$2.50**
Price .....

Radio Operating Questions and Answers

By Arthur R. Nilson and J. L. Hornung

This book gives over 600 questions and answers covering all radio operator license examinations. Questions are typical of those asked on examinations. Answers are clearly and fully illustrated. This edition has been enlarged to include information on broadcasting, marine, aeronautical, police and amateur radio operating and contains many new questions and answers on new transmitters, new radio laws, and licenses.

Cat. No. MHB-1334 **$2.50**
Price .....

Practical Radio Telegraphy

By Arthur R. Nilson and J. L. Hornung

A book primarily intended for radio students preparing to become radio operators. A thorough understanding of its contents should enable the reader to pass the theoretical examination given to the applicants for a Radio Operators license. The book assumes no prior knowledge, on the part of the reader, of either radio telegraphy or electricity. A minimum of mathematics is used in the text.

Cat. No. MHB-1335 **$3.00**
Price .....

Practical Electricity

By Terrell Croft

This book presents the fundamental facts and theories of electricity and its present day applications, in a straightforward, easily understood way for the man with little mathematical training who wants a working knowledge of the subject.

Cat. No. MHB-115 **$3.00**
Price .....

Prompt Service-Shipments within 24 Hours

Condenser, Carbon and Hand Microphones

Bruno Condenser Microphone and Amplifier

Answers the demand for a compact condenser microphone and pre-amplifier, which is fine in performance, at a moderate price. Designed to provide wide frequency range with good sensitivity. The improved voltage amplifier has plenty of gain for all requirements. Designed primarily to answer the need for an inexpensive assembly that is stable in operation and provides a practically flat frequency curve. A worthy addition to any public address system, or studio installation.

Condenser Microphone Head;
Precision Machined from Heavy Brass Bar

Diaphragm is stretched to a non-resonant tension by means of a special clamping ring. Finely insulated with accurate cleaarance between back plate and diaphragm. Frequency range 30 to 7,500 cycles. Complete with decorative front plate which protects the diaphragm from mechanical damage.

AMPLIFIER—Special resistance coupled design. Circuit properly constructed to prevent parasitic oscillation. Extremely stable in performance under all operating conditions. Properly designed for widest frequency range and relatively flat curve. Designed for use with non-microphonic 864 tubes. Output to 200 ohm line.

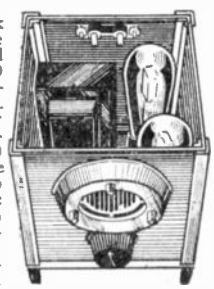
CASE—Handsome black crystalline metal can. Supplied with filament and microphone exciting voltage control. Provided with shielded battery and output cables. Base is designed with detachable fitting for mounting on standard microphone stand. May be placed on a table or suspended if desired.

POWER REQUIREMENTS—Designed to operate on two No. 6 dry cells and 135 volts of "B" battery; in cases where extreme gain is desired 180 volts is recommended. Also may be operated with a high quality ripple-free power pack. Battery operation is to be preferred.

Cat. No. CM-3808. Microphone head and amplifier assembly, completely constructed and tested, less tubes and batteries. Our Price..... **$32.50**

Cat. No. MS-3809. Matched condenser microphone stand. Our Price **$7.95**

Bruno Two Stage Condenser Microphone Amplifier



Especially designed to work in conjunction with the condenser mike head listed below. Uses two 230 tubes in the two stage resistance coupled amplifier. Will take 180 volts power supply and 2 volts to supply filaments of the 230 tubes. The output of the amplifier is sufficient to feed directly into a public address system, or into an amateur transmitter modulation system.

This amplifier will reproduce sound and voice with fidelity. Covers frequency range of from 30 to 10,000 cycles with a drop of but 3 D.B.'s at high and low end of range. The case is of a satin aluminum finish and is 5"x5"x5".

Cat. No. 5801. Completely assembled but less tubes, batteries and Microphone Head. Our Price **$14.75**

Cat. No. 5802. Complete with condenser microphone head. Our Price **$19.50**

Cat. No. 5803. Complete Kit for assembling the above Amplifier (Less Microphone and Head Parts). Our Price **$9.80**

Bruno Condenser Microphone Head Kit

Frequency Range 30 to 7500 Cycles

A complete kit of parts to assemble a condenser microphone head. The same type of microphone that is being used in broadcasting studios, public address systems, and by amateurs.

The kit includes everything that is necessary to build this popular type microphone. Complete instructions are enclosed in every kit.

All parts are fully machined, including back plate. Somplete with diaphragm tension adjustment.

Cat. No. 5804. Microphone Kit. Our Price **$3.00**

Cat. No. 5805. COMPLETELY ASSEMBLED AND TESTED Our Price **$7.75**

R.C.A. Victor Hand Microphone

Manufactured by
Kellogg Switchboard Co.

A high quality single button microphone designed carefully and constructed of the finest materials. Precisely adjusted to insure flat frequency response and long life. Designed by R.C.A. Victor engineers for use in recording voice and music in expensive radio phonograph combinations. Button resistance 100 ohms. Requires 1½ volts at 10 M.A. Finished in brown enamel. Distinctive in appearance and design. Complete with five foot cord.

Cat. No. MH-215.
Our Price **$1.49**

Powertone Double Button Hand Microphone

Stretched dural diphragm with gold spots under each button. Built for use where portability is desired. Can be used for home, public address systems, trucks, etc. Very rugged in construction. Resistance 100 ohms per button. Finished in sanded oxidized copper. Complete with 12 feet of silk-covered cable.

Covers 70 to 5000 cycles.

Cat. No. 233.
Our Price **$8.95**

"SJ" American Microphone

A single-button microphone designed to adequately cover the normal voice range which is well within its 70 to 3000 cycle limits. Its fabrication represents rugged construction and choice materials. The button has a resistance of the standard 100 ohms. Polished nickel finish.

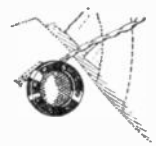
Cat. No. 204.
List Price $12.50. Our Price..... **$3.75**

American Model EL Double Button Microphone

The popular American Microphone designed for general amateur and public address work. Used in leading amateur stations throughout the world. Finely constructed. Has many features usually found only in expensive models. Stretched diaphragm. Gold spot under each button insures long life and low noise level. Resistance of each button, 100 ohms. Operates on 3 to 6 volts at 5 to 15 M.A. per button. Highly polished nickel finish. Frequency range, 70 to 5,000 cycles.

Cat. No. M-416.
Our Price **$5.75**

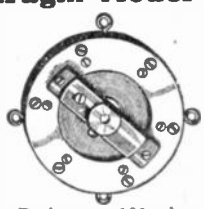
American Lapel Microphone



A highly developed miniature microphone. Similar to model used for broadcast convention pickup. Has all features of larger models. Employs stretched duraluminum diaphragm. Gold contact under button. Small insides. (1¼" diam., ⅜" thick). Complete with clip for attaching to lapel. Wide frequency range insures natural reproduction. 80 to 3,000 cycles. Suitable for placing in concealed position as in detecta-phone use.

Cat. No. M-417. Our Price..... **$8.75**

Model "CD" American Stretched Diaphragm Model



A two-button stretched microphone, designed to cover all frequencies and overtone within the voice range. It is admirably adaptable to public address work, amateur 'phone stations, and experimental use. A great many commercial broadcast stations use this model entirely in announcing record programs. Its response is from 45 to 4000 cycles, inclusive. Resistance 100 ohms with not over 10 mils on each button.

Cat. No. 201.
List Price $23.00. Our Price..... **$11.25**

Model "SD" American

A highly substantial two-button microphone, constructed of only the best materials obtainable. It uses the same gold plated diaphragm as the "A1" unit. The model "S D" has a frequency response of from 30 to 6500 cycles, made possible by the diaphragm employed. A minimum of hiss is evident in this model. Each button 100 ohms, 10 mils or less at 6 volts. Bright polished nickel finish. **Cat. No. 202.**
List Price $50.00 Our Price..... **$24.50**

Model "A1" American

An extra large two-button microphone extremely rugged in construction, built especially for all broadcast and recording purposes. The diaphragm is of special duraluminum .002 thickness with pure gold-plated spots under each button. This model is three and one-half inches in diameter by one and three quarters inches thick. The frequency response is from 30 to 7500 cycles. Resistance 100 ohms and not over 10 mils per button.

Cat. No. 203.
List Price $72.00. Our Price..... **$36.00**

Skinderviken Microphone Button

Smallest microphone made, measuring only ¾ in. in diameter. A great many experiments can be made with this microphone. May be used as detectograph to listen in secretly on conversations, and to amplify phonograph music at a distance. Very sensitive.

Cat. No. 225.
Our Price **65c**

MICROPHONES AND ACCESSORIES

UNIVERSAL Model "X" Two Button Microphone

A two-button microphone listing at only $10.00. Model "X" sets a new high standard for quality at a price that defies competition. Model "X" is the outstanding microphone of the whole Universal Line. Every feature in the higher priced microphone is incorporated in the Model "X". It is exceptionally rugged. Frequency Range 40 to 4000 cycles. Resistance 200 ohms per button.

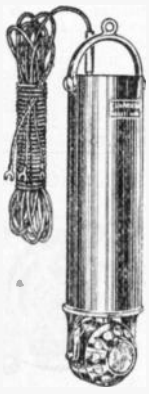
Cat. No. 209.
List Price $10.00. Our Price..... **$5.88**
Cat. No. 209A.
Single Button, Model "X"..... **$4.41**

UNIVERSAL Model "BB" Microphone

A masterpiece in two-button microphone construction. Model "BB" is twice as rugged as any other microphone in its class. Built to hairline precision. An idea of its ruggedness can be obtained by the fact that Model "BB" is 3 in. in diameter by 2 ins. thick. It is primarily built for public address work, and for amateur broadcasters, halls, ballrooms, speaker wagons, etc. It is beautifully finished, with highly polished chrome plate. Model "BB" has extra heavy 24 Kt. Pure Gold-Spot Centered Duraluminum diaphragm. Has a frequency range of from 40 to well over 5,000 cycles; 200 ohms per button.

Cat. No. 207.
List Price $25.00. Our Price..... **$14.70**

UNIVERSAL Bullet Type Microphones



The last word in appearance and performance for the lowest possible cost. Especially recommended for use in public address work of all kinds where elegance of appearance, beauty of design, and true reproduction of voice and sound are demanded.

Universal Bullet Type Microphones consist of a tube with a center partition providing space for a standard 1½ volt No. 6 Dry Cell battery. Microphone head is fixed, assuring vertical position at all times. Adjustment screw, operated through side of tube, permits microphone adjustment for varying acoustic conditions. Flexible wire connections, long enough to permit easy battery replacement. Rubber cushions and spring tension sides make a very rugged assembly that permits a great deal of handling and transportation without affecting performance. Finished in highly polished aluminum and chrome plate.

Can be connected to any two button microphone input transformer. Supplied in three models.

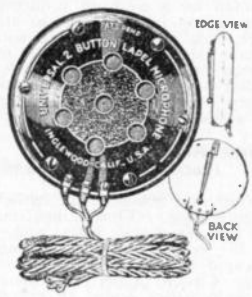
For use with Model B.B.
Cat. No. 220C. Our Price..... **$29.40**
For use with Model K.K.
Cat. No. 220D. Our Price..... **$44.10**
For use with Model L.L.
Cat. No. 220E. Our Price..... **$58.80**

POWERTONE Microphone Input Stage

This Powertone Input Stage is made for use with double button microphones. This unit will match any two button mike to the grid and filament of any tube or to any phonograph jack of an amplifier. One standard No. 6 Dry Cell is necessary for operation. The secondary of the transformer is shunted by a volume control. A battery switch is incorporated on the same control.

Cat. No. 228. Double Button.
Our Price **$3.95**
Cat. No. 228A. Single Button.
Our Price **$3.50**

UNIVERSAL'S Newest Double Button Lapel Microphone

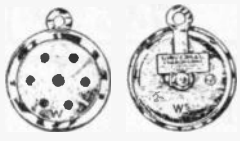


A compact and light double button microphone that can be worn on the lapel of a coat. It is highly sensitive and one need not speak above the ordinary tone of voice, and with the head at any angle, to receive the highest quality results. The hiss, which is common in all types of carbon microphones, is reduced to a minimum. This model is particularly suited for use on large public address systems where the speaker cannot be annoyed by the microphone stands placed in front of him.

Dimensions: 2¼ inches in diameter and ⅜ of an inch thick. Shipping wt., 1 lb.

Cat. No. M250.
Our Price **$14.70**

UNIVERSAL "Lapel" Miniature Microphones



Model "W"

Universal Model "W" is the smallest single button microphone manufactured. Can be used in hidden positions such as detectophone or on the lapel of a coat.

High sensitivity, light weight and compactness are the outstanding features of this model. 200 ohms. Equipped with Pure Gold Spot Center Diaphragm, completely enclosed protecting it against injury.

Cat. No. 205.
Our Price **$1.77**

Universal Model "Y" is even smaller, lighter, and more sensitive than Model "W" described above, excepting that the front face of the microphone is the diaphragm proper. Recommended for use where high sensitivity and extreme compactness are necessary. Great care must be exercised in handling because of the exposed diaphragm.

Cat. No. 206.
Our Price **$1.18**

UNIVERSAL Model "KK" Two Button Microphones

Only supreme performance and dependability can explain the fact that the improved Model "KK" is the most popular of the higher priced microphones. A substantial, solid, two-button broadcast microphone with a minimum of hiss. Carefully constructed of the finest materials with a 24 Kt. pure gold spot center alloy diaphragm. The frequency ranges from 50 to well over 6000 cycles.

Cat. No. 208.
List Price $50.00. Our Price..... **$29.40**

Powertone 3 Way Connector

Three prong cable connectors which insure perfect contacts, and 100 percent insulation. The armor protects the plug. The ideal plug for carbon "mikes." The arrangement of the prongs permit assembly in one position only.

Cat. No. 226.
Our Price **69c**

Carbon Granules

Each vial contains enough to re-fill one ordinary two button microphone. Extreme care must be exercised in the handling of these granules, also in the refilling of old buttons. They must be sealed before being used and should not be handled with fingers.

Cat. No. 220A.
Our Price **59c**

UNIVERSAL "Baby Mike"

There's a world of fun in this genuine little "Baby Mike." The 25 ft. cord that is standard equipment with the "Baby Mike" permits you to use it in another room, out of sight of your guests.

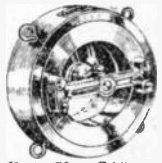
"Baby Mike" is a genuine single-Button carbon microphone of 200 ohms resistance. It is mounted in a die cast mounting 3½ in. high—a replica of the regular broadcast models. It may be connected to amplifiers, or direct to almost any radio set on the market, the manner of connection depending on the circuit and tubes in the set.

A feature of "Baby Mike" is the circuit adjustment at the top near the press button which permits the operator to leave the circuit "open" or "closed" when the "mike" is not being used.

"Baby Mike" is a beautiful miniature microphone, finished in high nickel plate.

Cat. No. 222.
Our Price **$2.95**

The Universal Model "LL" Double Button Microphone

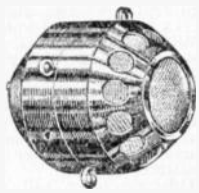


The peer of all the Universal Microphones. It is an extra large two-button microphone extremely rugged in construction, built especially for all broadcast and recording purposes.

The frequency response is from 30 to 7000 cycles, and is the standard 200 ohms per button.

Cat. No. 210.
Our Price **$44.10**

UNIVERSAL Torpedo Type Microphone



This new type of Universal Microphone is supplied to meet the steadily growing demand for microphones which in themselves are fully protected, are more compact, and can be quickly demounted. They combine in one instrument the recognized outstanding quality of tested Universal microphone performance with the special features demanded.

Connection is made to three spring jacks into which telephone pin terminals are plugged. The polished chrome plated perforated and screened cup housings are of heavy brass and are firmly fastened. Can not be removed accidentally. Supplied in standard Models B.B., K.K., and L.L.

Model B.B.
Cat. No. 221. Our Price..... **$17.64**
Model K.K.
Cat. No. 221A. Our Price..... **$32.34**
Model L.L.
Cat. No. 221B. Our Price..... **$47.04**

Shielded Microphone Cable

These cables offer the advantages of shielding, but are not waterproof. Available in 6, 12, 25, 50 and 100 ft. lengths, 3-conductor color coded. Eye terminals at one end and large spade terminals at other end.

Cat. No. 227.	Our Price
6 ft.	$.42
12 ft.	.84
25 ft.	1.69
50 ft.	3.35
100 ft.	6.75

POWERTONE Microphone Tone Control

This tone control is placed across the buttons of any microphone to vary the tone to fit pick up conditions. Shrill high pitched voices may be toned down to normal.

Cat. No. 229.
Our Price **$2.19**

We Guarantee to MEET or BEAT competition-

MICROPHONE FLOOR STANDS

Modernistic Floor Stand

A beautiful modernistic Floor Microphone Stand. Sturdily constructed and a welcome addition to any public address system. Extends from 43 to 76 inches. Ring will accommodate any standard sized carbon microphone. Finished in chrome and brown trimmings. Heavy metal base, which prevents it from tipping; measures 11 x 11". Weight 10 lbs.

Cat. No. M251.
Our Price **$7.95**

Chrome Plated Microphone Floor Stand

Entirely highly polished chrome plate. Graceful in appearance and its rigid construction has made this floor stand a popular public address unit. It has a heavy base support. Ring will accommodate any standard sized carbon microphone. Can be adjusted from 40 to 72 inches in length. The clamp lock is simply operated by turning it slightly with a thumb screw. The microphone ring is a novel shape with 4 hooks for convenient installation of microphone springs. Weight 10½ lbs.

Cat. No. M252.
Our Price **$5.95**

Modernistic Banquet Microphone Stand

Beautiful banquet stand adjustable from 22 to 32 inches. It is heavy chromium in an unusual modernistic design. A 6¼ inch ring with four bent suspension hooks for easy insertion of springs. Strong screw holds extension firmly. Weight 4½ lbs.

Cat. No. M253.
Our Price **$4.95**

Powertone Microphone Stand

This type stand supplied with 8 microphone springs. Diameter of ring 6". The base is made of casted heavy material so that the microphone is never top heavy. Ideal for portable microphones, for amateur phone transmission or for public address systems.

Cat. No. 232.
Our Price **$2.25**

Microphone Suspension Mount and Covers

Cover protects microphones from dust, dirt, injury and moisture. Highly polished with a chrome-plated screened cover. Can be hung from roof of sound truck or can be suspended from ceiling. 3½" dia.

Cat. No. 216. Complete With Springs.
Our Price..... **$3.00**

Microphone Springs

Made of the finest grade tempered steel with formed loop ends.

Cat. No. 234.
Our Price, Set of 8 Springs..... **22c**

Microphone Repairs

SEND YOUR DEFECTIVE MICROPHONES TO US FOR ABSOLUTELY GUARANTEED REPAIRS. ANY MAKE OF SINGLE OR DOUBLE BUTTON MICROPHONE REPAIRED BY US FOR A NOMINAL CHARGE. Inform us of the deficiencies in your microphone and we will quote you for repairing it as good as new.

Special Floor Microphone Stand

Here is a low priced microphone stand with all of the characteristics of the expensive types. In its construction the makers took extreme care in its rigidity. The base is extra heavy for firm solid support. Beautiful silver finish. Extends from 45 to 81 inches. A large sized screw securely holds extension in place. Has bent suspension hooks for easy insertion of springs. Its graceful lines makes it a popular microphone floor stand. This stand sells for $5.95 elsewhere. Weight 12 lbs.

Cat. No. M254.
Our Price, now only..... **$3.95**

POWERTONE BANQUET MICROPHONE STAND

This stand is adjustable from 15" to 24". Base is 6" in diameter. Thumb screw holds extension at any desired height. Open suspension hooks made of heavy coated steel. Will stand up solidly without tipping.

Cat. No. 231.
Our Price **$2.95**

Modernistic Type Table Stand

Finished in chrome plate. Measures 11 inches in height. Sturdy solid base prevents the stand from toppling. Newest modernistic ring of chrome finish will accommodate any standard sized microphone. Equipped with mounting hooks for easy insertion of microphone springs.

Cat. No. M255.
Our Price **$3.95**

Desk Stand

Measures 10 inches high. Equipped with modernistic ring. Finished in silver. Extra heavy base prevents tipping of stand.

Cat. No. M256.
Our Price **$1.95**

Modernistic Ring and Base

The same ring as used on the larger type microphone stands. Mounted on a solid metal base. Measures 8 inches in height.

Cat. No. M257.
ur Price **$1.75**

UNIVERSAL DESK MOUNTS

Desk Mounts No Cover

Desk Mounts With Cover

The chromium plated screened covers provide protection from dust and moisture. Equipped with blank call letter name plate and springs. Hollow base for cable.

Cat. No. 211. 5" Ring with Cover.
Our Price **$5.29**
Cat. No. 212. With Cover, 6¼" Ring.
Our Price **$9.41**

Cat. No. 213. 5" Ring (No Cover).....**$2.94**
Cat. No. 214. 6½" Ring (No Cover).....**$5.88**

Ultra-Modernistic Floor Microphone Stand

Two extra brackets on the bottom of the stand increase the beauty of the stand as well as add to its stability. Its heavy base measures 10½ x 10½"; weight 10½ lbs. For those who want the very best of stands we recommend this model. The ring is of standard size and will permit the insertion of any standard type microphone. Hooks are mounted into the ring for easy installation of springs and microphone. The height of the stand is adjustable from 42 to 76 in. in height.

Cat. No. M258.
Our Price **$8.95**

Adjustable Floor Microphone Stand

Specially designed for rigidity with heavy base for firm solid support. No chance for swaying or vibrating. Finished in silver. Extends from 40 to 72 inches. A large size screw securely holds extension in place, thus preventing any possibility of its dropping and damaging the microphone. Bent suspension hooks for easy insertion of springs. Weight of stand is 6 lbs.

Cat. No. M259.
Our Price **$2.95**

Adjustable Banquet Stand

An adjustable stand which extends from 17 to 37 inches. The base is made of casted heavy materials, thus preventing the stand from being top heavy. The ring is large enough to permit the installation of any standard sized microphone. Bent suspension hooks aid in the insertion of microphone springs. Chrome plated.

Cat. No. M260.
Our Price **$4.95**

POWERTONE SUSPENSION RINGS

These rings are ¾" wide and 6" inside diameter and have 4 microphone suspension hooks inside. Furnished in brushed steel. Eight springs included.

Cat. No. 223.
Our Price **$1.25**

Powertone Combination Microphone Stands

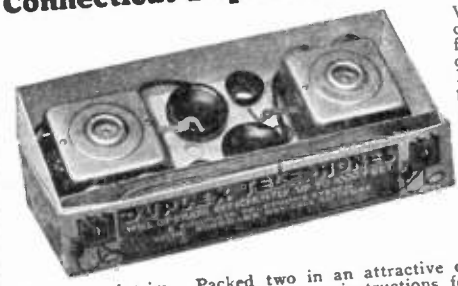
The latest and most practical unit for those desiring to get four units for the price of one. With this combination it is possible for you to get four different types of units, namely: a suspension ring with cover, including suspension hooks; a hand type ring with cover, which includes a wooden handle; a desk stand measuring 7¾ inches high; and a banquet stand 14½ inches high. These units may be assembled with very little trouble. The ring and covers measure 5½ inches in diameter and 2⅜ inches wide. Has holes in base of stand, in shaft, in wooden handle, and in covers to bring through the microphone cable.

Cat. No. M261.
Our Price **$5.95**

Prompt Service - Shipments within 24 Hours

Connecticut Instruments & Microphones

Connecticut Duplex De Luxe Wall Phones



Will operate efficiently up to 1000 feet. Signals are clear and loud. From two to four phones may be connected on a circuit, using a code of rings for signaling the different stations. Requires two dry batteries at each phone. Cases are of heavy gauge steel, finished in attractive light green with nickel trim. Packed two in an attractive display box, with 100 feet of wire, staples and complete instructions for installing.

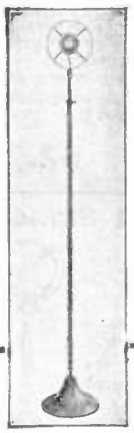
Cat. No. CL235.
Our Price (per pair), less batteries **$5.25**

Connecticut Field Phones

These are practical portable telephones and ideal for temporary camps, field or road work, or any outdoor service. Equipped with standard transmitter, receiver, bell and button, with provision for installing one standard 4½ volt "C" battery inside the case. Fitted with adjustable carrying straps. Total weight 3½ lbs. each. Two to four phones may be connected to a circuit. Case is finished in olive green, with black japanned steel front. Packed two in a corrugated carton.

Cat. No. CL230.
Our Price (per pair), less batteries **$6.25**

Connecticut Floor Mike



Adjustable from 48 to 64 inches. Beautifully finished in nickel and light green, has heavy metal base with "on" and "off" toggle switch, input transformer and 50 ft. cord. Standard 4-point spring suspension microphone. Two dry cells are required to furnish current to microphone. Complete instructions are packed into each carton.

Cat. No. CL237.
Our Price **$5.25**

Connecticut Hand "Mike"

A single button microphone intended for voice. Loads of fun with this microphone. Not the ordinary "toy" type microphone, but a microphone of a better grade. Nickel trim, with colored crackle finished handle. Complete with snap switch, and 8-ft. cord with pin tips.

Cat. No. CL239.
Our Price
79c

Connecticut Table "Mike"

14 inches high, beautifully finished in nickel and light green, with pressed steel case containing an "on" and "off" switch, input transformer and 50 foot cord. Standard 4 point spring suspension microphone. Two dry cells are required to furnish current to the "mike." Packed complete with instructions.

Cat. No. CL241.
Our Price **$3.50**

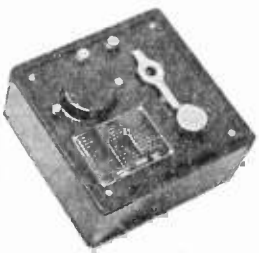
Connecticut Jr. Wall Phone Set

These phones afford the easiest, simplest, and most inexpensive means of communication between two points. Will operate efficiently up to 1,000 feet. Signals are clear and loud. No special knowledge required to install them. Any boy can easily put these up. Requires two dry batteries at each phone and necessary length of wire. Packed two in attractive display box, with 100 feet of wire, staples, and complete instructions for installation.

Cat. No. CL238.
Our Price (per pair), less batteries.... **$3.75**

Connecticut Telegraph Sets

Consist of two complete instruments with key and sounder built in each. Both instruments send and receive. International code on etched plate provides ready reference for practice or receiving messages. Will operate efficiently up to 1,000 feet. Requires one standard 4½ volt "C" battery connected to terminals inside each case.



Cat. No. CL240.
Our Price (per pair) **$3.50**

Connecticut Duplex Table Phones

Are similar in design to the French type cradle phones and fill the demand for an inexpensive portable telephone instrument. Two standard dry cells are required for installations over 150 feet. From two to four phones may be connected on a circuit. Cases are of heavy gauge steel, finished in attractive light green. Comes complete with 25 feet of parallel silk-covered wire, and instructions for installing.

Cat. No. CL242.
Our Price (per pair) **$5.50**

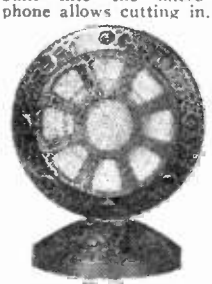
Compact Inter-Communication Public Address Unit Using Kellogg Single Button Microphone

Complete microphone input stage all self-contained in a handsome aluminum box. Consists of a Kellogg single button microphone volume control, switch, input transformer, 4½ volt "C" battery, receptacle, and extension cord. There is nothing else to buy when hooking this unit to your radio receiver or amplifier. A real precision made instrument. Will work in conjunction with any type radio receiver or amplifier.

Cat. No. 3414.
Our Price **$4.95**

B.M.S. Home Broadcaster

No input transformer is needed to couple the "mike" to any radio receiver. Cut-out switch built into the microphone allows cutting in.



Microphones come complete with directions for installation.
Type B-1, gun metal finish, is 4" high and 3¼" wide.
Type B-2 is a metal, two colored microphone, 5¼" high and 4" wide.

Cat. No. M343.
Type B-1
Our Price **45c**

Cat. No. M344.
Type B-2
Our Price **58c**

Powertone Bullet Type Microphone

Using RCA-Victor Single Button Microphone

Especially recommended for use for small public address work of all kinds and where fidelity of reproduction of sound and voice are demanded. Tests show that the hiss level of this microphone is below any noise encountered in public address work. Space for a 1½ volt dry cell battery is allowed in the specially built compartment. Microphone head is built so that it is possible to move it without removing the entire assembly. Case is finished in black enamel which gives it a striking appearance. The microphone measures 9½" long and 2½" wide.

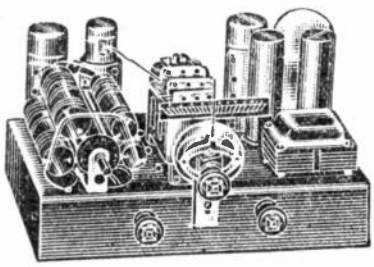
Cat. No. 3415. (less battery)
Our Price **$3.65**

Cat. No. 3415B. (with battery)
Our Price **$3.95**

Prompt Service - Shipments within 24 Hours

Short Wave Converters, Television, Adapters

Powertone Super Heterodyne Short Wave Converter 10-200 Meters



Primarily designed for those who desire the finest in short wave reception. This converter will make any good broadcast receiver a super-sensitive short wave superheterodyne. No need to purchase an expensive short wave set—connect this converter to your broadcast receiver and secure World wide short wave reception. Contains features found in no other low priced converter. Incorporates the best coil and switch assembly, which spreads each band across the entire dial scale, producing the ease of tuning of your broadcast receiver and which makes the selection of the desired station an easy matter. A stage of intermediate frequency amplification is included, producing ample gain even with relatively insensitive receivers, and providing perfect coupling between the converter and receiver. A built-in power supply prevents overloading the receiver, power pack, insures correct operating voltage and effectively isolates the circuits in the two units. Carefully planned throughout by experts with years of short wave experience. Tested component parts prevent breakdown—insure long trouble-free service.

FEATURES:

- Full scale tuning on each band.
- Covers entire range of useful short wave channels 10-200 meters.
- Full-vision illuminated vernier tuning dial.
- Sensitivity control.
- Calibrated panel mounted wave change switch.
- No plug in coils are used.
- Built in hum free filter—guarantees perfect reception.

Cat. No. SW-4808. With 4 Tubes. Our Price **$19.75**

Cat. No. SW-4809. Less Tubes. Our Price **$17.95**

I.C.A. Superheterodyne Short Wave Scout

Answers the popular demand for a compact, neat, efficient cabinet model short wave converter. Contains built in power supply—will not overload or damage your broadcast set. Special circuit provides ample gain even when used with midget and AC-DC universal sets. Cabinet is neat in design, will not mar any surroundings. Measures 6¼" high, 7¾" wide, 4½" deep. Attractive Burl Walnut finish. Vernier tuning dial. Panel switches control converter and switch from broadcast to short wave reception. Wave length Range 60-200 meters—special coil can be furnished to cover 20-60 meters.

Cat. No. SW-4815. Set complete with R.C.A. tubes. Our Price **$9.90**

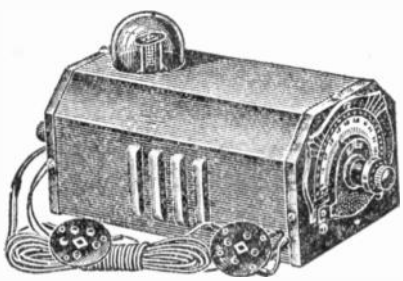
Extra coil for 20-60 meters 50c

Powertone Shortwave Adapter

A popular priced short wave adapter. Operates efficiently with any good receiver. Vernier tuning dial makes station separating an easy matter. Covers 20-200 meters. Mounted in beautiful burl walnut cabinet. Requires no batteries. Simply remove detector tube plug in cable plug and place detector tube in adapter. Panel mounted sensitivity control guarantees satisfactory operation under all conditions. A consistent distance getter.

Cat. No. A-4816. Complete Ready to Operate. Our Price **$7.95**

I.C.A. Short Wave Superhet Converter



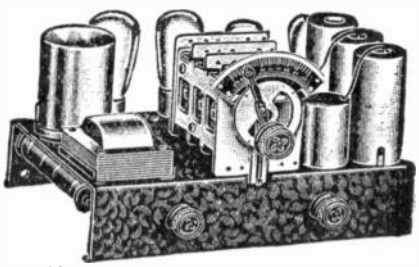
When connected to any good radio receiver, short wave reception is obtained which is entirely satisfactory. Don't be contented with hearing others talk about the police calls, short wave broadcasts and amateur signals they pick up. Add one of these excellent adapters and have something to tell your friends about. Converts any receiver to a short wave superheterodyne—the most selective receiver obtainable.

Can be permanntly and simply attached to the receiver by anyone. Simply place wafer adapter under the power tube in your radio. Connect the antenna and ground leads from the converter to the posts on the receiver. Attach the antenna lead-in to its post on the converter. A simple toggle switch changes over from broadcast to short wave signals. Requires 1—227 tube. Complete, mounted in a neat brown crackle finished box. Size 8" long, 3" high, 4" wide.

Cat. No. SW-4810. Converter. Our Price **$4.45**

R.C.A. licensed 227 tube Our Price **42c**

Powertone Television Receiver



An efficient T. R.F. Receiver chassis. Designed to cover from 85 to 210 meters. Provides reception of Television, Police, Amateur, Short-Wave Broadcast, Experimenter station, etc. Do not confuse this chassis with the usual short wave receiver. The set is radically different throughout. Designed to provide an extremely high degree of gain without side band cutting. The audio system responds to all frequencies from 15-50,000 cycles with a practically flat curve. More than ample to provide perfect television reception. A self-contained hum-free power supply is included producing ample reserve power for all needs.

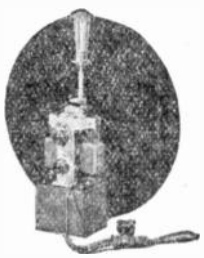
CIRCUIT:

T.R.F. with special provision to secure selectivity without side band cutting. Uses two stages of R.F. amplification—three element linear power detector coupled to a three element first and second audio and in turn to a 45 third audio stage. Employs latest high gain tubes— 2—'58's, 3—'56's, 1—'45 and 1—'80.

Cat. No. SW-4814. Powertone Television Receiver wired and tested, less tubes. Our Price **$17.95**

Complete set RCA licensed tubes. Our Price **$3.00**

Powertone Television Scanner



A radically new design feature and a lowered production cost schedule permit us to quote this scanning assembly at a price the amateur cannot overlook. The unit is designed to automatically keep in synchronism with the sending station. It has outperformed scanning equipment selling at a far higher price. The secret of perfect scanning is the disc itself. This important unit is mathematically correct. Laid out to insure precise placement and proper size of holes for best light and shade distribution. Designed correctly and assembled in a solid frame to minimize vibration. All moving parts are designed to reduce wear to a positive minimum. Will last for many years without attention.

Cat. No. SW-4811. Less Tube Our Price **$10.95**

Tube Our Price **$1.75**

Bud Police Thriller

A simple effective adapter. Enjoy all the pleasure of modern short wave reception on your own receiver. Simply plug the adapter into the detector socket—connect antenna and ground and you are ready to operate. All tuning is controlled by the broadcast receiver dial. Furnished in types for three element and screen grid tubes. Specify type number of tube used, screen grid or three element.

I. For use when ample space is available to plug directly into the detector socket.

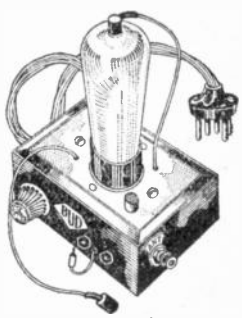
Cat. No. A-4812. Our Price **$1.76**

II. For use when the space is limited. The converter is contained in a neat bakelite tube with an adapter and plug.

Cat. No. A-4812. Our Price **$1.76**

III. De Luxe Model designed to produce the most efficient operation. Contained in a neat bakelite housing with built-in volume control. Complete with cable and plug for remote attachment.

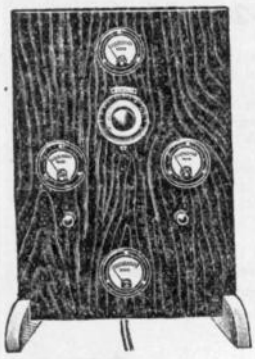
Cat. No. A-4813. Our Price **$1.90**



Short Wave Transmitting & Receiving Apparatus

The Powertone Grimes Transmitter

Designed by Frank Grimes, formerly of U. S. Signal Corps

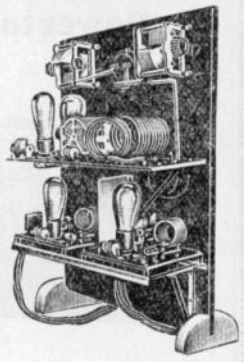


We are pleased to present this latest short wave transmitter design, adapted for all amateur requirements. The equipment is extremely flexible throughout, and embodies the finest features of present day commercial and amateur practice. May be applied to all uses where radiophone or C.W. transmission is required. It has been thoroughly tested under actual operating conditions and has produced consistent long distance range. Communication has been established with the far corners of the world.

CIRCUIT: Crystal controlled oscillator, doubler or buffer and push pull power amplifier. Peak output 40 watts on C.W. Provided with plug-in inductances for operation on the most popular amateur bands. Employs a '47 crystal oscillator, 210 doubler or buffer, and push pull 210 power amplifier.

GENERAL SPECIFICATIONS: Mounted on a neat vertical panel measuring 32 inches high and 16 inches wide. A plate current meter is provided for each stage; also an A.C. filament voltmeter checking the power amplifier filament.

POWER REQUIREMENTS: The entire outfit requires 250 volts at 35 M.A. 550 volts at 200 M.A. 7½ at 3.75 amperes, 2½ volts at 1¼ amperes. Bias voltage can be readily supplied by 2—45 volt B batteries



Cat. No. GR-1650. Crystal Kit of Parts, Complete with Crystal
Our Price **$19.50**

Cat. No. GR-1650-A. Buffer Kit of Parts.
Our Price **$14.50**

Cat. No. GR-1650-B. Amplifer Kit of Parts.
Our Price **$13.50**

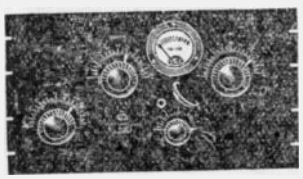
Cat. No. GR-1651-C. Power Supply Kit of Parts.
Our Price **$7.50**

Cat. No. GR-1652-D. Complete Kit of Parts for building the Powertone-Grimes 'Xmitter, including tubes and meters
Our Price **$54.50**

Cat. No. GR-1653-E. Powertone-Grimes 'Xmitter, completely wired, ready for operation, with Power Pack and Meters.
Our Price **$84.95**

Cat. No. GR-1654-F. Phone Speech Amplifier and Modulator for Powertone-Grimes 'Xmitter with double button microphone. Our Price **$40.00**

Electron Coupled Oscillator and Buffer Amplifier



Combines the excellent frequency stability characteristics of crystal controlled circuits with the ease of adjustment of a self-excited transmitter. Consists of a 24A Electron coupled oscillator carefully isolated and shielded feeding a '59 buffer or doubler amplifier. The output is sufficient to excite a P.P. 210 power amplifier to full output. Mounted on a standard 19" rack panel. All controls are panel mounted, and carefully engraved. Single meter reads plate current on either tube by means of plug and jack changeover.

Cat. No. REL-1653. Less tubes
Our Price **$55.50**

General Purpose Wavemeter

An accurately calibrated absorption type of wavemeter which completely covers the wavelength band from 17 to 560 meters. Equipped with a sensitive neon resonance indicator to permit extremely accurate readings. The instrument is supplied complete with 3 plug-in coils, mounted in a neat carrying case with coil compartment. Supplied with accurate calibration chart and open scale tuning indicator. Rigid mechanically—will absolutely hold calibration.

Cat. No. REL-1654.
Our Price **$15.95**

R.E.L. Amateur Band Spread Receiver

The standard by which others are judged. Circuit: screen grid, R.F. and detector. Provides A.C. or D.C. operation. Full dial spread tunning of the 20-40-80 meter amateur bands. Supplied with full scale R.E.L. vernier tuning dial. Direct calibrated "R" audibility scale. Smooth regeneration control adjustment. Mounted in a handsome walnut crystaline finished cabinet, measuring 11 x 7 x 9½ inches. Supplied with three R.E.L. skeleton low loss plug-in coils. Specify whether A.C. or D.C. model is desired.

A.C. models use 1—'35, R.F. tube, 1—'35 screen grid detector, and 1—'56 audio.

D.C. models employ 1—'36 R.F., 1—'36 detector and 1—'38 audio.

Cat. No. REL-1655. Less tubes
Our Price **$31.50**

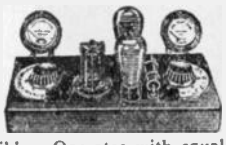
Cat. No. REL-1656. Special Powertest Power Pack with 280 and Amperite tube.
Our Price **$10.50**

50 Watt Telephone and Telegraph Transmitter

Answers the demand for a complete panel mounted short wave transmitter capable of consistent telephone and telegraph transmission over long distances. Mounted in a neat metal cabinet—all circuits are entirely shielded against inter-action. Employs a 20A oscillator modulated by a single 845 with a 250 speech amplifier. May be readily converted to oscillator amplifier operation or crystal controlled use. Comes complete with inductance coils for two amateur bands specified by you. Three panel mounted precision meters check the antenna current, oscillator and modulated plate current. Precision adjustment of all circuits. All controls are mounted on a handsome engraved panel, beautiful in appearance.

Cat. No. REL-1659.
Less Tubes. Our Price **$146.40**

30 Watt Push-Pull Transmitter and R.F. Amplifier



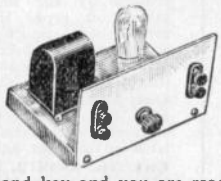
An extremely popular and compact short wave transmitter. Comes completely wired, ready to plug in tubes and coils and connect to power supply. Requires but a moment to connect. When used with a proper antenna world wide communication is possible. Operates with equal efficiency using two 210 or 2—245 tubes. With the former, 30 watts output can be realized with high circuit efficiency. Can be easily converted to be used as an R.F. amplifier. It will then work efficiently with units such as R.E.L. Electron Coupled Oscillator and amplifier or crystal control oscillator and amplifier.

Supplied less tubes and meters with one set of plug-in coils for specified band. Specify band desired.

Cat. No. REL-5806. Complete, wired, less tubes. Our Price..... **$15.45**

Cat. No. REL-5807. Additional coils per band. Our Price **$1.40**

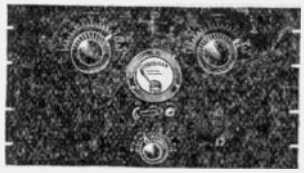
Audio Oscillator for Code Practice



A necessity for learning the code and keeping up your speed. **Produces** a clean sharp note that can be **adjusted** from approximately 300-4000 **cycle pitch. Requires single 230 tube** and 2 volts of battery. Connect to your phones and key and you are ready to operate. Mounted on a neat metal panel and base with bakelite binding post terminals.

Cat. No. PAO-1663. With 230 tube.
Our Price **$2.95**

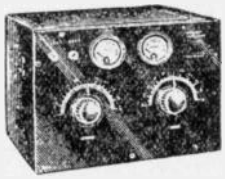
Crystal Oscillator and Amplifier Stage



A basic unit necessary to secure satisfactory frequency stability. Consists of a crystal oscillator using a '47 type tube and a '59 buffer doubler. Delivers ample output to fully excite two 210 tubes in push pull. Provides for plug-in crystal mounting. Furnished for mounting on any standard rack frame. Panel is standard 19 inches finished in black crystalline lacquer. A single meter controlled by a plug and jack arrangement checks plate current of oscillator and amplifier. Completely assembled, wired, and tested.

Cat. No. REL-1660.
Less Tubes. Our Price **$49.50**

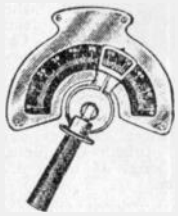
10 Watt Telephone and Telegraph Transmitter



Answers the complete requirements of a low powered and effective phone and C. W. transmitter. When properly installed consistent long distant communication can readily be obtained. Ideal for both beginners and advanced amateurs. Consists of a 210 oscillator modulated by a 250 type tube. Furnished with three plug-in inductance coils covering the 20-40-80 meter amateur bands. Provided with antenna and plate current meters. Cabinet of black crystalline finish. Measures 9 x 13 and 10 inches deep.

Cat. No. REL-1661. Kit, less tubes
Our Price **$59.98**

Transmitter Tuning Indicator Locking Type



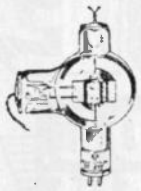
An extremely neat transmitter dial scale. Supplied with a 0-100 graduated indicator. There is ample space available to mark your particular circuit adjustments. Approximately 6 inches in diameter. Widely used on commercial short wave and broadcast transmitters. Finished in lacquered cadmium plate, permanent under all conditions. Set to the desired adjustment locks in position with a single movement.

Cat. No. REL-1662.
Our Price **$4.20**

Prompt Service - Shipments within 24 Hours

Short Wave Transmitting and Receiving Accessories

POWERTONE TRANSMITTING TUBES



Guaranteed to be the equal of any tubes on the market today. Each individual tube has been carefully checked throughout in production and measures to a definite high standard. Any defectives no matter how slight—are destroyed immediately. There are no "Seconds." Extremely high vacuum and uniform characteristics guarantee satisfactory operation under all circuit conditions.

Type	Description	Price
210-C	15 watt Oscillator and Power Amplifier	$3.50
211	50 watt Power Amplifier	14.85
203	50 watt Oscillator and Amplifier	12.95
242	50 watt Speech Amplifier	12.00
845	50 watt Power Amplifier and Oscillator	12.00
853	75 watt Oscillator and Amplifier	17.95
204	250 watt R.F. Oscillator and Amplifier	90.00
860	75 watt Screen Grid R.F. Amplifier	36.50
866	Half wave Mercury Wave Rectifier	3.45
872	Hot Cathode, Half Wave Mercury Rectifier	12.15

THEATRE AND INDUSTRIAL RECTIFIERS

Type	Description	Price
920	2 Amp. Full Wave Rectifier	$7.50
921	5 Amp. Half Wave Rectifier	10.50
922	5 Amp. Full Wave Rectifier	10.75
925	15 Amp. Half Wave Rectifier	15.00
03	Photo Electric Cell	9.95
868	Photo Electric Cell	7.50
261	Theatre Sound Tube	24.95
915	1 Amp. Full Wave Rectifier	4.95

Powertone Universal Wave Meter

A necessity for all amateurs and experimenters. Determines the wave length of the station to which you are listening. Also can be used to check transmitter frequency. Supplied with 3 coils covering the continuous band of 18-220 meters. Has resonance indicator. Substantially made with accurate plotted chart. Calibration guaranteed accurate within 3%. Mounted in neat carrying case with detachable cover.

Cat. No. WM-3758. Our Price .. **$9.95**

Copper Tubing for Inductance Coils

The ideal inductance coil material. Widely used in amateur and broadcast transmitter inductances. Pure electrolytic copper, soft drawn. We supply only brand new stock, direct from the factory.

Cat. No. CT-3765. ⅛ inch diameter
Our Price, per ft. **6c**

Cat. No. CT-3766. ¼ inch diameter
Our Price, per ft. **10c**

Cat. No. CT-3767. ⅛ inch diameter
Our Price, per ft. **12c**

Bruno Condenser Microphone

A neat efficient condenser microphone head. Fully machined from solid brass bar. Provided with diaphragm stretching device. Back plate is completely finished—adjusted for exact clearance.

Widely used in large public address installations and broadcasting studios.

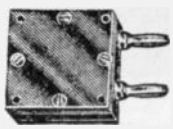
Chromium-plated front, measures 5" high and 2¼" deep. Frequency range from 30 to 10,000 cycles.

Cat. No. CM-7007. Our Price .. **$17.95**

A two stage pre-amplifier can be furnished for the Bruno Microphone, using either 2—230's or 2—864's. Specify type desired.

Cat. No. CM-7007A.
Complete with Tubes. Our Price **$10.95**

Crystal Holder and Transmitting Crystals



High quality selected quartz, free from flaws. Power type designed for oscillator service with a 210 or smaller tube.

Specify frequency desired.

Crystals are furnished at random frequencies throughout the 80 and 160 meter bands. X or Y cut guaranteed accurate to minus or plus 1% or better of stated frequency.

Cat. No. TC-3759. Finished Crystals in bands
Our Price **$2.95**

Cat. No. TC-3760. Oscillating blank at random frequencies.
Our Price **$1.50**

Cat. No. TC-3761. Nickeled brass plug-in crystal holder. Spring type contact.
Our Price **$1.95**

Cat. No. TC-3763. Base for crystal holder.
Our Price **39c**

G.R. Type Stand-off Insulators

The standard size insulator popular for mounting all "hot" equipment in transmitter construction. Small in size, measures 2" in diameter—2¼ inches high. Formed of heavy glazed porcelain — mechanically strong. Not affected by moisture or temperature variations. Ideal for mounting condensers, inductances and feed wires. Supplied in two colors, brown and black.

Cat. No. SI-3768.
Our Price, Each **5c**
Cat. No. SI-3769.
Our Price, Per Doz. **50c**

HAMS!!

Write for Bargain List No. 5 of Specials on Transmitting and Short Wave Receiving Apparatus.

50 Watt Socket

Constructed of heavy glazed bakelite base. Employs sturdy phosphor-bronze contact leaves, giving both bottom and side wiping contact—thus assuring perfect low loss resistance circuit connection. May be used in any circuit without fear of leakage or breakdown.

Cat. No. TS-3771. Price **$1.25**

Pyrex Transmitting Aerial Insulators

Used by U. S. government, commercial and broadcasting stations. For all transmitting and receiving aerials.

Cat. No. PI-7.5. 7½ inches overall for use on power up to 250 watts. Mechanical strength 1000 lbs.
Our Price **68c**

Cat. No. PI-3.58. 3⅝ inches overall. For use on power up to 50 watts. Mechanical strength 450 lbs. Our Price **20c**

Broadcast Type Standoff Insulators

Just the thing for antenna and feeder insulation. Specially designed for high power use but can be applied to any installation. Moulded from brown glazed porcelain. Dimensions 5¼ inches high, and 2½ inch square base.

Cat. No. SI-3770.
Our Price,
Per Dozen .. **50c**

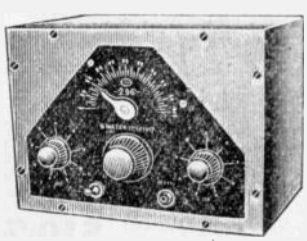
Pyrex Transmitting Lead-In Bowls

Provides great mechanical strength and electrical efficiency.

Complete with all fittings, including rubber gaskets. Diameter 2½"
Shipping wt. 3 lbs.

Cat. No. PTB-3772. .With 15" rod for founting through any wall. Our Price **$1.54**

R.E.L. 5 Meter Receiver



Incorporates time proven features resulting in the greatest possible circuit efficiency and tuning ease. Properly laid out for true band-spread tuning. Employs plug-in coils covering the 5 meter band—can be readily adapted to alter frequencies with ease. Mounted in a handsome grey crackle finished metal cabinet with neatly engraved bakelite front panel. Employs two '37 tubes and one '38 pentode. Requires 6 volts of "A" supply and 135-180 volts "B." Supplied with 8 ft. connecting cable.

Cat. No. REL-3772. (Less Tubes)
Our Price **$27.75**

R.E.L. 5 Meter Transmitter

A complete cabinet mounted 5 meter transmitter oscillator and modulator. Housed in a neat grey metal cabinet 13" x 7" x 6" with bakelite front panel. Employs Weston milliameter for accurate circuit checking. Employs 2—201A's and 2—233's for low power or 2—245's and 2—247's for medium power.

Cat. No. REL-3764
(Less Tubes & Power Supply.) Our Price.... **$27.75**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

POWERTONE

SHORT WAVE WORLD RECEPTION A.C. AND D.C. RECEIVERS

For years we have led the field in presenting radio parts, short wave and long wave receivers of quality at prices far below the regular prices of other radio concerns.

Our success and popularity has been founded on our **PROMPT SERVICE . . . QUALITY MERCHANDISE . . . LOWEST PRICES . . . COURTEOUS RESPONSE TO ALL QUESTIONS.** Purchase all your radio needs from TRY-MO RADIO CO., Inc., and rest assured that you are receiving the most for your dollar.

With radio interest centered on short waves TRY-MO immediately looked for the finest short wave receivers to distribute to people who demand the best for their money. TRY-MO has found them in the "POWERTONE" sets. You can have the utmost confidence in a Powertone because you will readily see by the descriptive copy that they are made of the best parts, and built by the most experienced short wave engineers. We guarantee that once you have purchased from TRY-MO you will be one of our thousands of Satisfied Customers.

TWO TUBE BATTERY - OPERATED RECEIVER

15 to 200 Meters

BROADCAST COIL

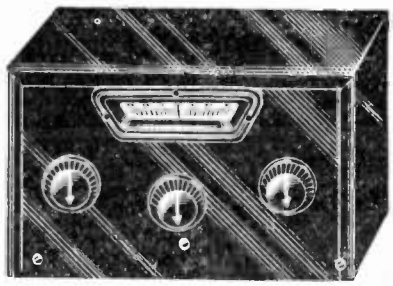
Covering from 200 to 550 meters may be obtained for

39c

The new two tube Powertone Short Wave Receiver was designed in response to a continuous demand for a highly sensitive and yet easily tuned short wave receiver.
It is capable of giving consistent reception of short wave stations located all over the U. S., and under favorable conditions, foreign stations.

Incorporates All Worthy Features

- ★ Hammarlund Tuning and Regeneration Controls.
- ★ Vernier Tuning Control (slow motion).
- ★ Low Background Noises.
- ★ Smooth Regeneration Control.
- ★ Multi-Mu and Power Pentode Two-Volt Tubes.
- ★ High Quality Audio Transformer for Quality Reception.
- ★ Complete Shielding Throughout.
- ★ Tuning Range 15 to 200 Meters.
- ★ Selectivity and Sensitivity.



This receiver requires 1—232 Multi-Mu detector tube, 1—233 power pentode output tube, 2—45 volt "B" batteries, 1—22½ volts "C" battery and 2—1½ volt dry cells.

The two volt tubes were chosen because of their sensitive response, as well as their low current consumption which results in low operating costs.

Four plug-in coils, covering wave lengths from 15 to 200 meters are furnished with the receiver. Shipping wt. 10 lbs.

Cat. No. SW5003. Powertone Receiver, wired, complete with tubes and coils (less batteries). Our Price..... **$9.95**

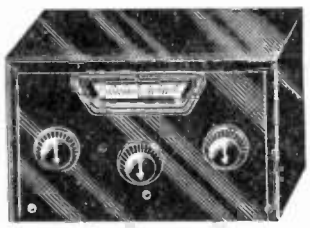
The receiver chassis is mounted in a beautiful metal cabinet, finished in a handsome black crackle. The front of the cabinet is equipped with three controls, regeneration control, tuning control, and filament control. A beautiful full vision vernier dial completes its professional appearance. Cabinet dimensions 11 inches long, 6½ inches wide, and 7 inches deep.

Cat. No. SW5005. Kit of parts, includes coils (already wound), blue prints, tubes, metal cabinet, punched and drilled base, in fact everything necessary for the construction of the "Powertone." **$7.95**

Set of Batteries (includes 3—45 volt "B" batteries, 1—22½ volt "C" battery, and 2—1½ volt dry cells). Our Price **$3.25**

THREE TUBE BATTERY - OPERATED RECEIVER

15-550 METERS

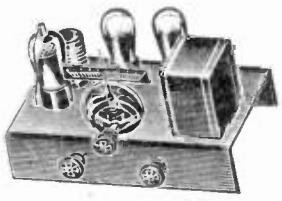


A receiver for the more advanced short wave enthusiast who wishes to reach out into all parts of the world for short wave thrills.
Similar in appearance to the Two Tube Receiver but has a hinged top to facilitate removal of plug-in coils.

Incorporates the same features as the Powertone Two Tube Receiver.
On actual test this receiver logged stations from London, South America and Germany, besides many located in the U. S.

If used with 3—45 volt "B" batteries, loud speaker reception at comfortable room volume may be obtained.

Broadcast coil covering from 200 to 550 meters may be obtained for 39c.



This receiver uses 1—234 R.F. Pentode, which is noted for its unusual sensitivity, and 2—230 tubes, one used as a detector and the other in the audio stage. Shipping weight, 10 lbs.

Cat. No. SW5006. Complete with coils, and Hy-Grade Sylvania tubes (less batteries). Our Price..... **$12.95**

The hinged top on the cabinet facilitates removal of plug-in coils. The cabinet is finished in a handsome black crackle. Three controls are mounted on the front of the cabinet. Tuning control, regeneration control, and filament control. Equipped with a beautiful full vision, slow motion dial. Cabinet dimensions 11 inches long, 6½ inches wide, 7 inches deep.

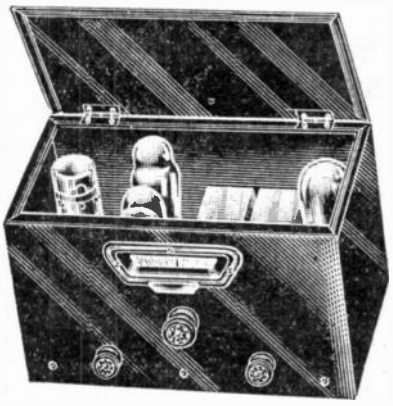
Cat. No. SW5007. Complete Kit (includes cabinet, coils, tubes and explanatory blue prints). Our Price..... **$10.75**

Set of batteries (3—45 volt "B," and 2—1½ volt dry cells). Our Price **$2.75**

Prompt Service - Shipments within 24 Hours

A. C. RECEIVERS

The Powertone A.C. operated Shortwave receivers are guaranteed to be humless and quiet. They have a special filterizing system which reduces any A.C. hum to a minimum, resulting in humless, loud, clear short wave reception.



5 TUBE SHORT WAVE RECEIVER

The Paramount of Powertone Short Wave Receivers

15 to 550 Meters

With this masterpiece of Short Wave engineering it is possible to reach out into the four corners of the earth in quest of short wave thrills. It is constructed of the finest parts money can buy.

Designed and built by men with years of experience behind them in the short wave field.

Just note some of the features which this Powertone Model boasts—

- New Type Tubes
- Hammarlund Regeneration Controls
- Electrostatically Shielded Power Transformers
- Lynch R.M.A. Color Coded Metallized Resistors
- Slow motion, Illuminated, Full-Vision, Vernier Dial
- Complete shielding to reduce Di-Electric Noises
- Simplicity of tuning
- Complete with Hy-Grade Sylvania Tubes (Carry 90 day unconditional guarantee)

HAMMARLUND Parts Are Used in the Manufacture of Powertone Receivers

Many amateurs who use this receiver laud its splendid receptive characteristics. Statements by "hams" have convinced us that the reception of the Powertone 5 Tube Short Wave Receiver is equal to or better than many of the higher priced sets.

Uses two '58 triple grid amplifier tubes, one '56 triode, one '80 type rectifier, and one '59 triple grid power amplifier tube. The Octo form coils, which are supplied with the receiver tune indiscriminately to all wavelengths from 15 to 200 meters. Broadcast coil covering from 200 to 550 meters may be used in this receiver.

Clear loudspeaker reception is had on all wavelengths. For those desiring to use earphones a jack is provided in the rear of the set for phones.

The cabinet is attractively finished in a handsome black crackle.

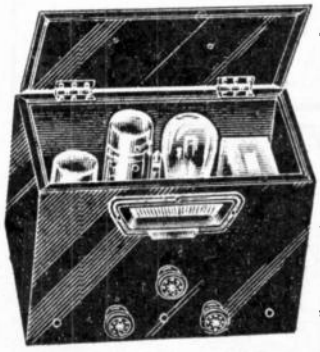
Hinged top on cabinet allows easy removal of plug-in coils. The receiver can use either a magnetic or dynamic speaker.

Cat. No. SW5008 completely wired and tested, with Octo form plug-in coils, Hy-Grade Sylvania Tubes, ready to play. Price **$24.95**

Jensen Permanent Magnet Dynamic speaker especially matched for this receiver. **$8.82**

Price Broadcast Coil 85c

3 Tube A.C. RECEIVER



15 to 550 Meters Three Tube Powertone Short Wave Receiver

Here is a short wave receiver that is ideally suited for those desiring to use headphones esclusively.

Does not require any batteries for operation; just plug it into A.C. line and receiver is ready for use.

Uses all late type tubes, 1-'56 general purpose triode, 1-58 triple grid amplifier, and 1-'80 type rectifier.

The special filterizing system used in the Powertone Receivers permits quiet, hum free reception. This is vital to the reception of short-wave signals, so as not to confuse line noises with signals. The receiver is equipped with four **Powertest Plug-in** coils which cover a wave length from 15 to 200 meters. The hinged top permits easy removal, and interchanging of coils.

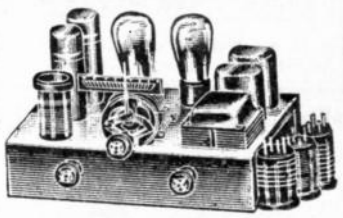
Full vision slow-motion dial allows easy and accurate tuning of the receiver. Equipped with a full set of matched **Hy-Grade Sylvania** tubes.

Cat. No. SW5009. Price Complete with tubes and coils nothing else to buy. **$14.95**

Cat. No. SW5010. Kit of parts, complete with blueprint, cabinet, tubes and coils. **$12.75**

Tube A. C. RECEIVER

Powertone 4 Tube Short Wave 15 to 200 Meters



A short wave receiver similar to the three tube model with the exception that it is possible to receive short wave stations from all parts of the U. S. on your loudspeaker.

With the aid of headphones this receiver is capable of logging short wave stations from all continents.

The receiver is exceedingly easy to tune, and oscillation is always under full control of the operator. The **full-vision illuminated dial** is accurate so that stations can be logged and found in their alloted positions at all times.

Uses one '56 triode, one '58 triple grid amplifier, one 80 type rectifier, and one '47 power pentode output tubes.

Equipped with the Famous Octo form coils, which cover the wave lengths from 15 to 200 meters.

This model contains the same features similar to the Powertone 5 Tube Model.

Comes enclosed in shielded metal cabinet, same as 5 tube model illustrated above.

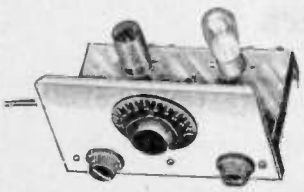
Cat. No. SW5011 Price, complete with all accessories, including Sylvania tubes and 4 Octo form coils. **$19.75**

Cat. No. SW5012. Complete kit of parts with tubes, 4 coils, blueprints, drilled base, and cabinet. Our Price **$16.95**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

"ROCKET" 2 TUBE Battery Operated SHORT WAVE RECEIVERS

1 Tube Short Wave Receiver



Especially designed for those wishing to explore the shortwave spectrum without overstraining their pocketbooks.

This receiver is extremely efficient and will tune from 15 to 200 meters. The most ardent short wave fan will be astonished by the signals intercepted by this simple and sensitive receiver. Requires one 230 screen grid two volt tube, two 1½ volt dry cells, and one 45 volt "B" battery. The panel of the receiver contains three controls, one for regeneration control, one for tuning control and one for filament control. For those desiring to build their own receiver a kit of parts may be secured. All the parts necessary for the construction of this receiver are included

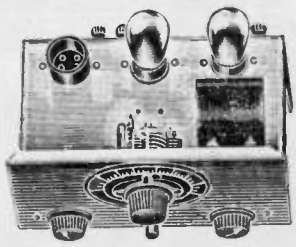
Cat. No. SW5013. Price of receiver wired with coils..... **$4.95**

Cat. No. SW5014. Price of complete kit, including schematic blue-print, and coils (already wound)..... **$3.95**

Price of complete set of batteries $1.39

Price of 230 tube ..... .75

2 Tube Short Wave Receiver Chassis



In the design of this receiver reception as well as the cost of construction were kept in mind. It is an extremely competent receiver and more advanced than the 1 tube set. Remarkable reception and simplicity of tuning make this a popular short wave set.

Constructed of the finest parts, Hammarlund tuning and regeneration control, Carter rheostat, Powertest short wave plug-in coils which cover a wave length from 15 to 200 meters and many other nationally known parts. Uses 2—230 type two volt tubes for perfect, and quiet reception. For those desiring the receiver in kit form, every conceivable part necessary for construction is furnished. No drilling or punching of holes is necessary, for the kit includes a punched and drilled metal panel and base.

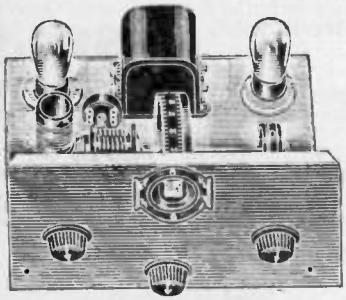
Cat. No. SW5015. Price of receiver complete with coils.... **$5.95**

Cat. No. SW5016. Price of complete kit of parts, including blue print..... **$4.25**

Price of 2—230 tubes (Sylvania)..... $1.50

Price of complete set of batteries (2—45 v. and 2—1½ v. dry cells) 2.25

"BEGINNERS TWIN" SHORT WAVE RECEIVER



This is a two tube dry battery operated receiver of exceedingly simple and reliable construction using a minimum number of parts consistent with satisfactory results.

It is available in kit or "knocked-down" form, and can be assembled and wired in a few evenings by any one capable of using a screwdriver, pliers, and soldering iron. It can also be obtained "in ready to work" form.

The entire active shortwave tuning range, from 15 to 200 meters, taking in broadcasting, commercial radiophone, aircraft, ship, amateur and police stations, is covered by a set of four Powertest plug-in coils, only one of which is used at a time.

The two tubes are of the '30 type. Their very low current requirements make ordinary No. 6 dry cells entirely satisfactory as the source of filament current. Two 45 volt "B" batteries are adequate for plate current, and will last many months. The set will also work satisfactory on one 45 volt battery but at a reduced volume.

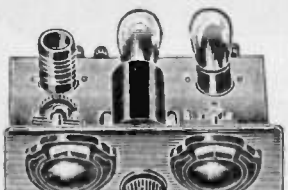
The set uses only the finest material available throughout its entire construction. Hammarlund tuning and regeneration controls, Hammarlund drum dial, Powertest Plug-in coils, Carter filament control are just some of the materials used.

The "Beginners Twin" is probably the best kind of introductory set for the beginner, who can readily make changes and improvements on it as he becomes more familiar with the short wave technique.

Cat. No. SW5017.—Price of receiver completely wired, tested, with 4 plug-in coils and two 230 Sylvania tubes **$9.95**

Cat. No. SW5018.—Price of complete kit of parts with drilled panel and base, coils, blue print and tubes **$7.95**

"DIAMOND OF THE AIR" 12,500 MILE SHORT WAVE RECEIVERS



Here are two short wave receivers that have swept the country by storm because of their regularity in "pulling in" short wave stations from all parts of the globe.

In the design and construction of the receiver only the finest nationally-known parts were used.

The receivers are constructed on a metal base, and have a metal panel to eliminate hand capacity.

The two tube receiver uses two 230 tubes. It is intended to be used with earphones, although it is possible to obtain reception from a loud speaker.

The three tube receiver uses 2—230, 1—34 tubes, and is more powerful than the two tube model in both receiving and reproducing signals. More distant short wave stations may be heard on this receiver than on the smaller model.

List of Parts which comprise the Two Tube Model

6½" x 9" metal panel, 6" x 9" metal base, both drilled and punched.

2—Hammarlund .00014 variable condensers.
1—Carter 20 ohm rheostat and switch.
1—Mignon Audio transformer.
2—Kurz-Kasch Vernier dials
3—Bakelite low loss sockets.
1—Micamold Antenna Equalizing Condenser.
1—.0001 Aerovox fixed condenser
1—5 Meg. Lynch Metallized resistor.
2—Eby twin Binding Posts.
1—Set of Powertest Plug-in Coils (15-200 Meters).
1—Powertest R.F. Choke
Complete set of hardware and accessories needed for construction of receiver.
Schematic blue print showing hookup of receiver

Cat. No. SW5019.
Price (Kit of Parts)..... **$7.70**

Cat. No. SW5020.
Price (Completely wired and tested, with coils)..... **$8.90**

Price (Set of matched Sylvania Tubes)..... $1.50

List of Parts Used in the Construction of Three Tube Model

1—Metal Panel measuring 10½" x 7¾".
1—Metal base measuring 8" x 10¾".
3—Hammarlund .00014 Midget Tuning Condensers.
1—Carter 20 ohm Rheostat and Switch.
1—Mignon Oversized audio transformer.
2—Kurz-Kasch Vernier Dials.
2—Sets of coils (8). Powertest Short Wave Coils (15-200 Meters).
1—5 Meg. Lynch Metallized resistor.
1—Powertest Bakelite R.F. Choke.
5—Bakelite Low Loss Sockets.
1—Micamold Antenna Equalizing Condenser
2—Eby twin Binding Posts.
Complete set of hardware and accessories.
Schematic Blue Print showing hookup of receiver is sent with each kit.

Cat. No. SW5021.
Price of complete kit with 2 sets of plug-in coils. **$10.50**

Cat. No. SW5022.
Price of complete receiver wired and tested. **$11.85**

Price of Set of Matched Sylvania Tubes (2—230, 1—34) $2.25

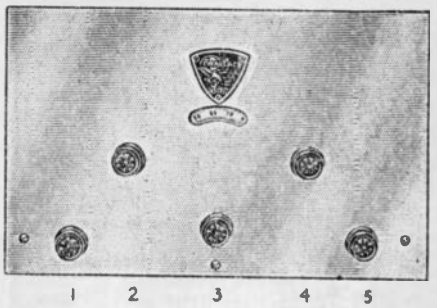
2—Broadcast Coils, Each ..... .29

Prompt Service - Shipments within 24 Hours

POWERTONE

WALLACE

Short Wave Receiver



Control No. 1—"On" and "Off" Switch.

Control No. 2—Band Spread Switch.

Control No. 3—Tuning Dial.

Control No. 4—Antenna Tuning Condenser.

Control No. 5—Regeneration Control.

Made By Powertone Electric Co. Exclusively

DESIGNED by Don C. Wallace, W6AM-W6ZZA, internationally known short wave expert and amateur. Under competitive tests he was able, when using this receiver, to hear more D.X. stations, and many which were entirely inaudible on any other. As a result he was awarded the "Hoover Cup" for premier short wave design and performance. The receiver is finely built of precision parts throughout. Proper circuit design and layout is the result of much painstaking labor. Each part has a definitely set purpose—and functions at peak efficiency at all times. Band spread tuning of the important amateur bands, 160, 80, 40, 20 meters, is controlled by means of a single panel switch.

The receiver, while fundamentally simple has been refined to the last degree. It produces an extremely high ratio of signal to noise. A control is provided for each important circuit, resulting in peak efficiency under all conditions. Heavily cadmium plated sub-base with black crackle metal front panel.

CIRCUIT:—

Ultra low-loss design to produce peak efficiency from aerial to headphones. A special system is used, which tunes the aerial circuit to the exact frequency of the sending station. Thus none of the energy is wasted, and at the same time considerable additional selectivity is obtained.

Special flat-wound silvered ribbon inductances are employed throughout, producing the highest possible circuit efficiency. A unique panel controlled inductance switching system suits the receiver to amateur "band spread" tuning or short wave listener requirements at will. Thus this receiver answers all short wave requirements.

Employs two 230 tubes. Requires two volts D. C. for filament operation, 45—90 volts of "B" battery.

FEATURES:—

*Band Spread and Continuous Tuning.
*Ultra Low-Loss Silver Ribbon Coils.
*A Control for Each Circuit.
*Tuned High Efficiency Antenna System.
*HAMMARLUND Dual Section Isolantite Tuning Condenser.
*Precision HAMMARLUND Tuning Dial.
*HAMMARLUND Regeneration Control.
*Highest Quality Audio Transformer.
*Precision HAMMARLUND R. F. Choke.
*Ultra Low-Loss HAMMARLUND Isolantite Sockets.
*Beautiful Black Crackle - Finished Panel.
*Rigid Steel Chassis.
*Equally Suited to Amateur or Short Wave Listener Uses.
*Precise Layout—The Result of Many Experiments.
*Zero Body Capacity.
*15 to 200 Meter Tuning Range.

No. 1 Coil :— 20- 32 Meters
No. 2 Coil :— 40- 60 Meters
No. 3 Coil :— 75-150 Meters
No. 4 Coil :—150-200 Meters

Price of complete kit of parts, including drilled panel and base, a choice of any one of the four plug-in coils and clear constructional blue print **$14.70**

Completely wired and tested ..... **$3.23** extra

Each Coil **$1.18**

Power Pack especially designed for this receiver described on page 53.

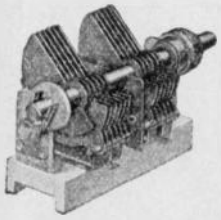
Everything from a Binding Post to a Transmitter

The Most Famous Radio Products In The World. HAMMARLUND Has Built Its Enviable Prestige in Building SUPER-QUALITY Products. Make TRY-MO Your Hammarlund Headquarters.

For Better Radio Hammarlund PRECISION PRODUCTS

Here Are All The New 1933 HAMMARLUND PRECISION PRODUCTS. TRY-MO RADIO Highly Recommends The Exclusive Use of HAMMARLUND Parts Wherever Possible For ULTRA-FINE RESULTS.

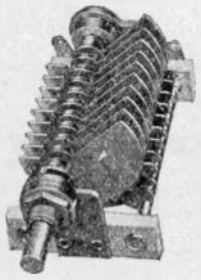
New Dual Midget Condenser



These Dual Condensers incorporate in their design every requirement of a high quality small size two-gang condenser. The entire condenser is built on a strong isolantite base including a shield plate between stators for isolation purposes. Their rigidity, low losses and careful construction provide for greatest electrical efficiency in all types of short wave receivers employing two-gang tuning condensers.

	Capacity per Section	Our Price
Cat. No. MCO-140-M	140 mmfds.	$2.82
Cat. No. MCO-100-M	100 mmfds.	2.59

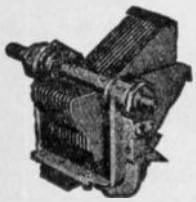
Double Spaced Midget Condenser



Wide spacing, special bearings and Isolantite make these condensers particularly suitable for ultra short wave receivers and transmitters. Air gap between plates is .0715".
Their small size adapts them to the compact types of transmitters now so much in vogue. For tuning amplifier stages in crystal controlled transmitters and for neutralizers up to 210's and 50 watters. Also as tuning condensers for master oscillator power amplifiers.

Cat. No.	Max. Cap.	Min. Cap.	Our Price
MC-35-X	35 mmf.	6 mmf.	$1.47
MC-50-X	50 mmf.	7 mmf.	1.74

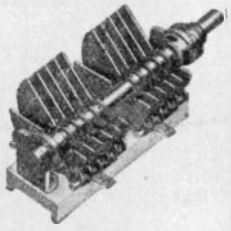
"Midline" Condensers



Years of leadership attest the remarkable perfection of "Midline" Condensers. Special shaped brass plates, full floating rotor, removable shaft, perfect bearings and contact, rib-reinforced aluminum alloy frame. "Parmica" low loss insulation.
Dual condensers to special order, also condensers with Straight - Frequency - Line plates, condensers of special capacities and condensers with double spaced or extra heavy plates.

Cat. No.	Maximum Capacity	Price
ML-23	.0005 mfd.	$2.64
ML-17	.00035 mfd.	2.50
ML-11	.00025 mfd.	2.35

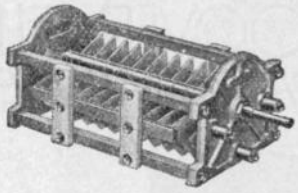
Double Spaced Dual Midget Condensers



This condenser is specially designed for efficiency at ultra high frequencies and may be used for either receiving or transmitting circuits. The wide spacing between plates materially aids frequency stability and the use of Isolantite for insulation assures the low loss factor so necessary in 5 meter work. The actual spacing between plates being .0715 inches, Max. each section 33 mmf. Min. 6 mmf.

Cat. No. MCO-35-X. **$2.65**

Hammarlund Transmitting Condensers



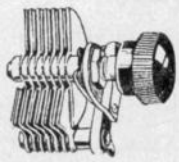
This new design, formerly incorporated only in high power transmitters, represents a marked advance in both design and construction for medium and low power installations. Wider spacing and rounding the edges of plates permit greatly increased voltages. Heavy cast aluminum end plates, four spacing bars and four isolantite insulating cross members, insure lowest losses and permanent stability under all conditions of temperature and humidity. Split stator condensers and condensers of special capacities or plate spacing can be supplied to order. EQUIPPED FOR PANEL MOUNTING and divided and tapped for base socket mounting.

Cat. No.	Plates	Max. Cap. Mmfds.	Voltage Rating	Our Price
TC- 30-A	7	30	6500	$2.94
TC- 50-A	11	50	6500	3.82
TC-100-A	21	100	6500	5.59
TC-150-A	31	150	6500	7.84
TC-225-A	47	225	6500	10.58
TC-100-B	11	100	3000	3.24
TC-150-B	17	150	3000	3.82
TC-225-B	23	225	3000	4.70
TC-335-BX	43	335	3500	7.06
TC-450-B	47	450	3000	7.06
TC-225-X	23	225	2000	4.70
TC-350-C	19	350	1000	2.94
TC-500-C	27	500	1000	3.24

Flexible Couplings

Permits tandem operation of any number of independent units without requiring exact shaft alignment. A great convenience and time saver.
The sides of the condenser are insulated from each other, allowing instruments in gang to be operated as independent electrical units. Made of Bakelized canvas, with brass bushings and for ¼" shafts. Four rust proofed and hardened steel set screws provide against shafts slipping. Overall diameter is 1½".
Cat. No. FC
Our Price **36c**

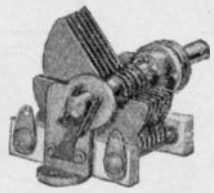
"Star" Midget Tuning Condenser



The most popular midget tuning condenser for set builders and experimenters. Can be used for short wave tuning, regeneration control, antenna coupling, vernier, etc. Light in weight, strong and compact in construction, smooth in operation. Low minimum capacity, low loss natural bakelite insulation, non-corrosive aluminum plates. Easy single hole mounting, ¼ inch shaft. Complete with bakelite knob.

Cat. No.	Capacity	Price
SM-15	15 mmf.	49c
SM-25	25 mmf.	49c
SM-50	50 mmf.	54c
SM-100	100 mmf.	59c

Improved Hammarlund Midline Midget Condensers



Their superiority is attested by their dominant position in amateur and experimental fields and their use by the more prominent manufacturers of short wave receivers, television equipment and high frequency apparatus in general. Isolantite insulation. Low loss construction. Compact and durable. Available in the following sizes:

Cat. No.	No. of Plates	Max. Cap. Mmf.	Our Price
MC- 75-M	11	80	$1.18
MC-100-M	14	100	1.35
MC-140-M	19	140	1.47
MC-200-M	27	200	1.64
MC-250-M	34	260	1.77
MC-325-M	43	320	2.06

The condensers enumerated above are the Midline Plate Types.

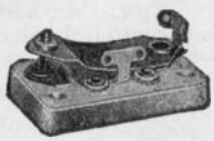
Semi-Circular Plate Types			
MC- 20-S	3	20	.88
MC- 35-S	5	35	.88
MC- 50-S	7	50	1.06
MC- 75-S	11	80	1.18
MC-100-S	14	100	1.35

Band Spread Midget Condenser

These condensers are designed for use as "band spread" tuning condensers for short wave receivers and for use in amateur band frequency meters. The "Tank" section can be set and locked at any desired capacity permitting the tuning section to spread narrow frequency ranges over the entire dial regardless of the range of the band or the coils used. Accurately fitted bearings at both ends of the condenser assures maximum and uniform efficiency.
Tank Capacity 100 Mmfd. Max.

	Max. Cap.	Min. Cap.	Our Price
Cat. No. MC-120-B	100 mmf.	20 mmf.	$1.75
Cat. No. MC-150-B	100 mmf.	50 mmf.	1.89
Cat. No. MC-175-B	100 mmf.	75 mmf.	2.06

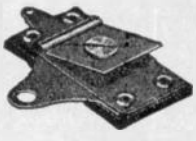
Adjustable Padding Condensers



Bases are Isolantite, conditioned to resist moisture and maintain constant volume and surface resistance. Only the most expensive imported mica is used. The phosphor bronze flexible plate is shaped to provide substantially straight-line-capacity increase. Fixed plates securely anchored. Fibre shock-pads prevent strains being set up in the base. Contact between plates is positive.

Cat. No. MICS-70	10-70 mmf.	29c
Cat. No. MICS-140	70-140 mmf.	35c
Cat. No. MICS-220	140-220 mmf.	40c
Cat. No. MICS-1000	600-1000 mmf.	60c

Equalizers



A very small condenser for neutralizing, balancing and trimming purposes. Useful for balancing multiple tuned circuits or for equalizing gang tuning condenser units. Adjustment of center screw provides gradual capacity change over a wide range. May be attached directly to binding post of socket or condenser. Mica dielectric, phosphor bronze flexible plate and bakelite base. Size of base is 1¼" x ¼".

Cat. No. EC-35	3-35 mmf.	23c
Cat. No. EC-80	25-80 mmf.	29c

Everything from a Binding Post to a Transmitter

A Complete Line of Hammarlund Precision Products in Stock

For Better Radio
Hammarlund
PRECISION PRODUCTS

Order Your Hammarlund Products From Try-Mo for Immediate Delivery

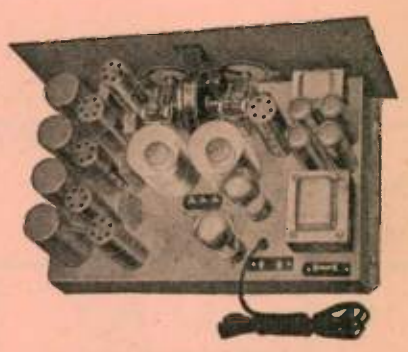
THE NEW IMPROVED COMET "PRO" 8 TUBE SUPER-HETERODYNE

The Only Professional SHORT-WAVE RECEIVER With Air-Dielectric I. F. Tuning Condensers

Designed to meet the exacting demands of professional operators and advanced amateurs interested in the reception of both code and voice signals in the frequency-range from 20,000 K.C. to 1,500 K.C., or 15 to 200 meters. Decided improvements are made possible through use of the new "50 series" tubes and employment of the recently developed "electron coupled" type of oscillator. A 3 watt 2A5 pentode output tube is now used in a special circuit to provide humless reception at either full loud speaker volume or on head-phones. An attractive metal cabinet of improved design is now standard equipment.

The New "PRO" retains all of the original features that made the receiver so popular, almost over night. Among these features are the following:

1—Sensitivity of better than ½ microvolt per meter. Selectivity of 1000 times at K.C. off resonance. Noise level so low as to be negligible.
2—Intermediate oscillator for C.W. code reception, also valuable as a "station finder" in searching for weak phone stations.
3—Provides "single signal" C.W. reception.
4—Band spread tuning at all frequencies within the range of the receiver.
5—Smooth control of sensitivity for noise suppression; vernier tuning controls.
6—Isolantite coil forms, coil sockets and condenser insulation. Litz wound intermediates. Complete shielding. Instrument type control panel.



Comet "Pro" Chassis

The "PRO's" remarkable efficiency is best attested by type of people that use it—Bell Telephone Laboratories, National Broadcasting Co., Columbia Broadcasting System, Naval Research Laboratory and hundreds of other nationally famous institutions. Shipping weight, 51 lbs.

Cat. No. PRO—"Pro" Receiver, less tubes. List $150.00..... **$88.00**

Cat. No. RRT—"Pro" Receiver, with tubes. List $162.55..... **$95.00**

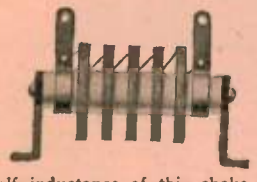
Cat. No. RRC—"Pro" Chassis, less tubes. List $135.00..... **$79.38**

The "PRO" for battery operation, listed below, uses four 39s, two 36s, and one 89. Shipping weight, 48 lbs.

Cat. No. PRB—"Pro" Receiver, less tubes. List $120.00..... **$70.50**

Cat. No. PBBT—"Pro" Receiver, with tubes. List $138.60..... **$81.50**

Heavy Duty Transmitting Chokes



Ideal for use in the plate circuits of high power transmitting tubes where the continuous plate current does not exceed 500 milliamperes. For intermittent operation this value may be exceeded by at least 50%. Although the self inductance of this choke is 5.3 millihenries, its distributed capacity has been held to the extremely low value of 1.5 micromicrofarads. Thus it is suitable for use in transmitters operating in any of the short wave bands. Five thin universal wound pies mounted on an Isolantite core with a tapped hole in each end. Mounted brackets may be removed and the choke mounted on a metal base or panel by means of a single machine screw. Overall size (without brackets), 1⅞" diameter by 2⅜" long. D.C. resistance, 12 ohms.

Cat. No. CH-500. Our Price..... **$1.32**

Comet All-Wave Super-het Receiver

Exactly the same as the COMET "PRO" model except for its tuning system and the cabinet used.
The Comet "All-Wave" Super-het is complete with dynamic speaker, tubes, and a Comet "Pro" chassis installed in an Oriental Burl Walnut Console as pictured. In addition a complete set of short wave coils covering the entire wave band between 15 and 550 meters. Operates on 110 volt, 60 cycles A.C.
Cat. No. SW-1.
Complete with matched tubes.

$104.40

Isolantite Low Loss Sockets

Made of Isolantite for lowest losses and highest surface resistivity. Glazed top and sides, rust proof side gripping contacts. Sub-panel or base mounting. 2¼" long by 1⅝" wide, standard 1 27/32" mounting centers.

Cat. No. S-4. Four prong
Cat. No. S-5. Five prong
Cat. No. S-6. Six prong } **36c**

Cat. No. S-7. Seven prong..... **54c**

High Impedance R. F. Chokes

A special process of helical winding and impregnating enables the forming of a very large inductance with a very low distributed capacity, making them very effective in both broadcast and short wave receivers. Ideally suited for detector plate circuits, B-plus and grid return leads and for R.F. filtering in general. Current carrying capacity of both sizes is 60 milliamperes. Bakelite case is 1⅝" high by 1⅞" diameter with mounting feet and terminals extending from the base portion.

Cat. No.	Inductance	Capacity	Resistance
RFC-85	85 millihenries	3 mmf.	215 ohms DC

Price **$1.18**

RFC-250	250 millihenries	2 mmf.	420 ohms DC

Price **$1.32**

Intermediate Frequency R.F. Transformer

These I.F. transformers are tuned by AIR DIELECTRIC. Isolantite-insulated condensers which hold their peak setting constant regardless of temperature or atmospheric conditions. They take the "if" out of the I.F. amplifier by insuring stability never possible before. 3 transformers provide one microvolt sensitivity and a selectivity of 1000 times at 10 k.c. off resonance. The twin coils are of 10/41 Litz with a power factor of .01 or a "Q" of 100. Coupling very slightly below optimum. Peaked at 465 k.c. but may be adjusted to any frequency between 425 k.c. and 525 k.c., depending on circuit conditions.

Cat. No. ATT. I.F. Transformer.
Our Price **$2.66**

BEAT FREQUENCY OSCILLATOR COIL

A compact oscillator inductance designed to provide a beat with the I.F. signal in any superheterodyne. Adjustable to produce 1000-1500 cycle audio beat. Well made—tuned by air condenser. Isolantite insulated. Used in "Pro." Provides "single signal" reception.

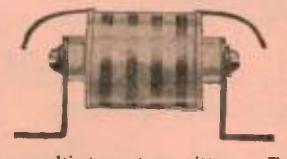
Cat. No. ATO. Our Price **$2.66**

Shielded Polarized R.F. Chokes

For use in high gain screen grid and other types of receivers. The coil unit is thoroughly shielded in an aluminum shell, resulting in minimum external field and permitting close, compact receiver design without any undesired coupling to cause instability or feedback. High impedance to all broadcast frequencies—low distributed capacity. Marked for high and low polarities of windings. Terminals extend from bottom of choke. Shell mounts with a single screw and is ⅝" high and 1⅛" in diameter.

Cat. No. SPC. Our Price..... **88c**

Isolantite R. F. Chokes



A low-loss frequency choke designed particularly for short wave and ultra wave receivers and transmitters. Its compactness and loud characteristics specially recommend it as a grid choke for multi-stage transmitters. Four windings on a sectionalized Isolantite spool—moisture proofed and protected by radio frequency lacquer and a covering of Cellophane. Choke measures 1⅜" x ⅞", has an inductance of 8 millihenries, a D.C. resistance of 70 ohms, a distributed capacity of 3 mmf., and a current carrying capacity of 125 milliamperes.

Cat. No. CH-8.
Our Price **66c**

Short Wave Coil Forms

The low losses and stability provide for efficient high frequency reception under all conditions, being made of extruded Isolantite, a material closely approximating the ideal qualities of fused quartz. Equipped with convenient black enamelled wooden handles. Surface is "non-skid", eliminating troubles encountered in winding on slippery surfaces. The numerous holes provided in the form make drilling unnecessary. Form is 1½" in diameter and 2½" long exclusive of knob and prongs. Made in four, five and six prong types to fit standard sockets.

Cat. No. CF-4. Four prongs
Cat. No. CF-5. Five prongs
Cat. No. CF-6. Six prongs } **59c**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

KEYS AND BUZZERS

Automatic Speed Bug

A refined low cost automatic key. Ideal for all services, amateur or commercial, radio or telegraph line. Makes up to 15 dots automatically by holding lever to one side. Dashes are made manually by holding to other side. Permits clean cut signalling at any desired speed. Fully adjustable to any desired speed and spring tension. This design is used in most commercial radio and land line telegraph offices. Finished with black enamel base, and silver plated metal frame. Heavy duty contacts handle practically all apparatus without relays.

Any one can learn to operate this key in a short time. Completely eliminates telegraphers paralysis or "glass" arm. The use of a "bug" is usually the proficient operator and a well planned station. Approved for the U. S. Signal Corps use. Has that ease of touch so essential to comfortable operation.

Cat. No. K-2719.
Our Price **$9.75**

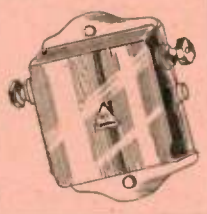
Hams, write in for your copy of our special bulletins for reduced prices on transmitting and receiving apparatus not listed in this catalog.

Powertone Sending Key

This popular design is widely used as a low power transmitting and code practice key. Mounted on mahogany finished base. The key is well balanced and fully adjustable for clearance and tension. Contacts are designed for heavy service. A commercial key at the amateur's price.

Cat. No. K-2720. Our Price **69c**

Powertone High Frequency Buzzer



A nickel plated high frequency buzzer, ideal for code practice and oscillation construction. Fully adjustable—the pitch can be readily set for the desired frequency. Will follow keying speeds up to 35 words per minute. Constructed for permanent duty.

Cat. No. K-2712
Our Price **59c**

Boy Scout Portable Triple Signal Set

Ideal for all communication purposes and learning the telegraph or wireless codes. Signals may be sent and received simultaneously by buzzer or sounder. Also a light for night blinker signal use. Adopted by the Boy Scouts of America. Contained in a neat metal box with triple jack control of the systems of signalling, which may be used. 4½ volt "C" battery is contained in the box. Furnished complete, less battery. Electric code plate is attached to panel. Measures 5½" x 4¼" x 2".

Cat. No. K-2723.
Individual Triple Signal Set. Our Price.. **85c**
Cat. No. K-2724. Duplex Set.
(2 of above with 40 ft. wire). Our Price **$1.70**
Cat. No. K-2725. 4½ Volt "C" Battery
for above unit. Our Price **19c**

When two of these sets are connected together it is possible to communicate by means of the Continental (wireless) or Morse (telegraph) codes. Place them anywhere up to 1000 ft. apart. One can send and receive from each point and break in on the other. Provides practice in both receiving and transmitting.

SIGNAL

MANUFACTURERS OF ELECTRICAL PRODUCTS

The pioneer manufacturer of telegraph instruments who has supplied the communication industries for years. Their products are used in every civilized country on the face of the globe. Known for their fine design and workmanship. Selected by exacting engineers as the best available.

Learners' Telegraph Set

A neat assembly of a high grade telegraph sounder and key. Both are mounted on a wood base. Ideal for learning the telegraph code or two sets may be used for communication between two points. Do not confuse this with cheap makeshift communication sets. Manufactured by the pioneer, who has supplied telegraph and radio equipment to the industry for years.

When two of these sets are connected together it becomes an easy matter to learn the telegraph code and enjoy regular communication. Extremely simple to install—a two wire line and two dry cells are required. The ground is used for the third or common connection.

Cat. No. K-2721.
Our Price **$2.74**

TWIN SIGNAL WIRELESS PRACTICE SET

A very instructive and scientific set that most any beginner can use. It will operate efficiently up to 1,000 ft. The addition of a few dry cells will bolster up signals if they come in weakly. 75 ft. of connecting wire is included in the outfit.

Each instrument is a complete sending and receiving unit equipped with a key, buzzer and code plate mounted on a metal base, which has rubber feet that protects table tops, and furniture. Complete set of instructions for connections and operating are included in each kit.

Sets may be had in two colors, maroon or gold.

Cat. No. 2702.
Our Price **$2.06**

Formerly Sold For $3.75

Signal Junior Key

Ideal for all transmitting and practice use. Precisely built and up to the usual high standard of all Signal equipment. The key is finely machined from solid brass. Follows standard telegraph design. Complete with stunting switch; a great convenience for telegraph line and transmitter testing. Fully adjustable. Mounted on a finely finished wood base, complete with binding posts.

Cat. No. K-2726.
Our Price **$1.32**

Leg Key

A new popular key. Requires two hole mount. May be clamped in position in a moments time. Finely finished in handsome brushed brass. Oversized hand contacts.

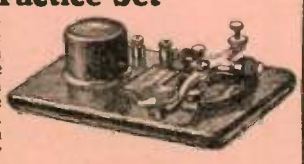
Cat. No. SKM101 ..... **$1.82**

Sounders

Black enamel bar frame, aluminum sounding bar and brass bridge. Mahogany finished wood base.

Cat. No. 2704. 112S 4 ohm.
Our Price **$1.62**
Cat. No. 2705. 113S 20 ohm.
Our Price **$2.76**

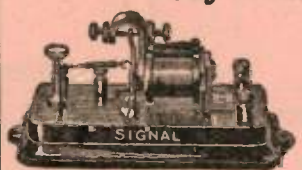
Practice Set



Just the instrument for those who want to learn the code. The code is painted on a little brass plate fastened to base. Equipped with high frequency buzzer.

Cat. No. 2706.
Our Price **$1.95**

Pony Relay



Recommended for use on all short and indoor lines. Very efficient and best grade materials used. Excellent workmanship.

M-104—4 ohms

Cat. No. 2703.
Our Price **$2.80**

High Frequency Buzzer

This type buzzer is the same as used on the R68 Practice Set. It is adjustable. Has standard resistance of 2 ohms. Black crystallized lacquer finish.

Cat. No. 2718.
Our Price **72c**

Heavy Keys

A very popular transmitting key used in most of the amateur stations. Made of heavy polished brass with bakelite finger rest.

Cat. No. 2707.
⅛ contact. Our Price **$2.00**
Cat. No. 2708.
¼ contact. Our Price **$2.18**
Cat. No. 2709.
⅜ contact. Price **$2.30**

Legless Key

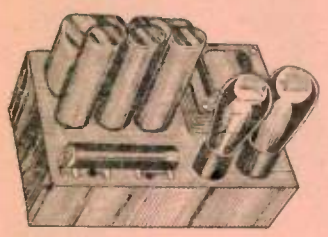
Highly polished and lacquered brass base, nickel plated lever, coin silver contacts.

Cat. No. 2710.
Our Price ... **$1.67**

We Guarantee to MEET or BEAT competition-

LAST MINUTE MONEY SAVERS

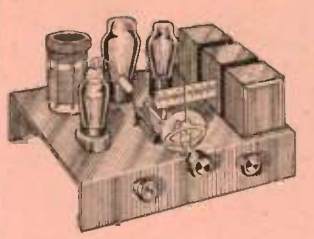
Powertone Short Wave Power Pack



The design of a satisfactory short wave power pack has been a problem deserving of careful consideration. After months of laboratory development work we are pleased to announce a brand new design which will satisfactorily operate any battery or A.C. short wave receiver. Designed to produce hum-free operation regardless of the circuit sensitivity. Special radio frequency filter completely eliminates tunable hum and disturbing oscillation. Incorporates automatic line voltage regulator which produces constant output voltages despite line variations. Output 250 volts D.C., tapped at 180-90-45 at 70 M.A., 2.5 volts at 10 amperes.

Cat. No. PP-5128. Complete with Tubes. (280 & Amperite Voltage Regulator). Our Price **$10.29**

Powertone Universal A.C. and D.C. Short Wave Receiver



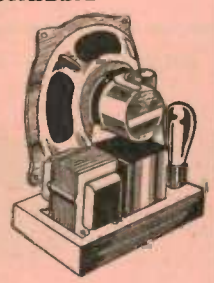
A brand new number. For the first time you can have a short wave receiver that operates on either A.C. or D.C. Employs all recently released tubes, 1—'78, 1—'43 and 1—'25-Z5. Tubes operate at full efficiency due to the special voltage rectification circuit used. Laboratory tests with these receivers have resulted in reception from all parts of the globe. Uses plug-in coils for maximum efficiency and wide band spread. Absolutely humless in operation. No external batteries required. Simply plug into any A.C. or D.C. light socket, attach aerial, ground and headphones or speaker and receiver is ready to operate.

Cat. No. SW-5114. Powertone Universal, complete kit of parts, including coils and blueprints. Our Price **$7.95**

Cat. No. SW-5113. Powertone Universal, wired and tested, less tubes, with 4 plug-in coils. Our Price.. **$9.95**

Cat. No. SW-5115. R.C.A. Licensed Tubes. Our Price **$3.25**

Powertone A.C. Dynamic Speaker Chassis



Special !!! Answers all A.C. dynamic speaker requirements. A neat chassis mounted dynamic speaker. Entirely humless in operation due to the use of an 8 mfd. condenser and a 280 rectifier tube. Can be used anywhere—simply plug into the A.C. line and connect to the output post on the receiver. Perfectly centered cone. Handles ample power with full realistic reproduction. Important! Specify type of power tubes in the receiver when ordering.

Cat. No. DSPR-5110. Our Price With Tube **$3.95**

Cello Ribbon Indoor Antenna

MADE OF DU PONT CELLOPHANE

Superior to other types for indoor use due to its large surface area and its Cellophane insulation made of Du Pont Cellophane. Its novel design harmonizes with any room setting.

Cat. No. A-5111. Our Price **74c**

Licensed under U. S. Patents 1,406,148

Stromberg-Carlson Audio Filter

Connects between the speaker or headphones and the receiving set. Improves the tone of the set and absolutely prevents breakdown and demagnetization. A necessity for any receiver. Has many other uses. Ideal for experimental resonance filter in attenuator systems, etc.

Cat. No. AF-5112. Our Price **49c**

POWER A-B-C Batteries

These batteries are ruggedly constructed and absolutely noiseless. Built by one of the largest manufacturers in the country.

45 VOLT HEAVY DUTY "B" BATTERY

Measures 7" high, 8" wide, 4½" deep. Individually tested cells. Tapped at 22½ volts. Ideal for use on sets drawing more than 20 M.A. Shelf life over one year. Weight 12 lbs.

Cat. No. B-5116. Our Price **$1.69**

22½ VOLT "C" BATTERY

Measures 2½" high, 3⅝" wide and 2" deep. Cells are carefully matched to insure maximum life and even characteristics. Shelf life better than six months. Ideal for "C" battery use in receivers and transmitters. Also popular as a "B" battery supply for portable equipment. Tapped at 4½, 16½ and 22½ volts. Weight 1 lb.

Cat. No. B-5118. Our Price **79c**

45 VOLT STANDARD "B" BATTERY

Measures 7" high, 8⅛" wide and 3⅛" deep. Cells are individually tested and graded. Tapped at 22½ volts. Recommended for use on 10 M.A. or greater drain. Ideal for use on the average short wave receiver. Weight 9 pounds.

Cat. No. B-5117. Our Price **99c**

4½ VOLT STANDARD "C" BATTERY

A most popular number. Used for A, B and C applications. Measures 3" high, 4" wide and 1⅜" deep. Shelf life over one year. Weight 1 lb.

Cat. No. B-5119. Our Price **35c**

STANDARD NO. 6 DRY CELL (1½ VOLT)

Properly designed to deliver longest life under radio filament operation. Can also be used for annunciator, ignition service, etc. Measures 6" high and 2½" diameter. Weight 2 lbs., 5 oz.

Cat. No. B-5120. Our Price **30c**

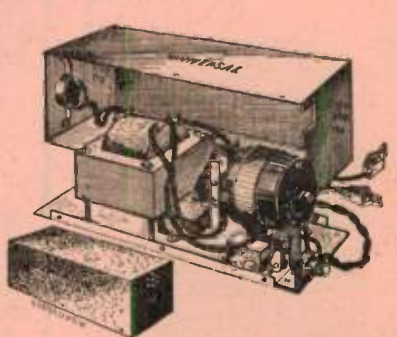
HEAVY DUTY LOW VOLTAGE SUPPLY BATTERY

A compact heavy duty battery. Measures 4¾" high, 2¾" wide and 1½" deep. Vertical type with top terminal. Ideal for use with low current 30 series tubes as a filament supply. May be used in receivers, oscillators, etc.

Cat. No. B-5121. Our Price **49c**

UNIVERSAL BATTERY CONVERTER

Ideal for Sound Trucks



A product of the Universal Microphone Co., long known as a manufacturer of high grade electrical equipment. Produces smooth unvarying power. For operating any 110 volt A.C. device from a storage battery. Extremely efficient; draws little current. Designed for long trouble free life; uses few moving parts. Completely encased as a protection against moisture and mechanical damage. Guaranteed unconditionally to be exactly as rated.

MODEL 60

Rated at 60 watts. For any amplifier using 2—245 tubes or the equivalent. Size 4½ x 5 x 10½". Operates on 6 volts.

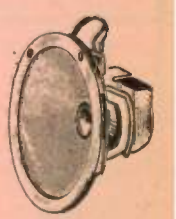
Net weight 10½ pounds.

Cat. No. BC-5122. Our Price **$16.46**

MODEL 150—Rated at 150 watts. Ample capacity to supply a push-pull 250 three stage amplifier, phone turntable and speaker field. Size 5½ x 6½ x 12". Requires 12 volt source. Weight 23 lbs.

Cat. No. BC-5123. Our Price **$35.28**

Powertone 5 Inch Magnetic Speaker Chassis



A small compact midget magnetic speaker. Will handle plenty of volume without distortion. Ideal for that new midget receiver. Can be mounted in any convenient position. Produces beautiful undistorted tone with ample volume for all needs. Extremely sensitive—ideal for use on short wave receivers. Used by many manufacturers of the new A.C. and D.C. midget receivers. Will satisfactorily handle the new high output power tubes. Ideal for use as an extra speaker on your present radio. Can be placed in any convenient position.

Cat. No. MS-5125. Our Price **$1.25**

Powertone Filtered Aerial Kit

Reduces man-made interference to an absolute minimum. Eliminates lead-in losses—thus increasing the efficiency of your set immeasurably. Why not bring your set up to date? Use this system which is fast becoming the standard of de luxe installation. Can be installed by anyone in a few minutes. Comes complete with instructions and detailed sketches.

FEATURES THAT MEAN SOMETHING!!!

- ★ Brings in more distance.
- ★ Reduces losses to an absolute minimum.
- ★ Sharpens tuning of the receiver.
- ★ Shields from man-made static.
- ★ Uses highest grade shielded lead-in wire.
- ★ Couplers are permanent in construction—mounted in aluminum can—moisture impregnated.
- ★ Will operate with any receiver.

Cat. No. 5126. Our Price **$1.95**

Necessities for Every Radio Man

Powertone Tube Checker

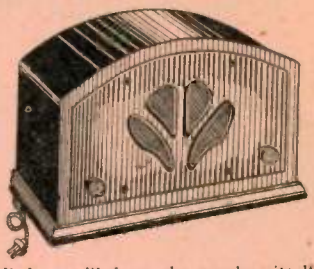
Simple-efficient; answers all tube test requirements. Checks all tubes released to date—readily adaptable to any future tube design. The indicating meter is of the highest quality obtainable—moving coil type—insuring extreme and permanent accuracy of readings. A unique feature is the filament voltage switching arrangement—permits 1.5, 2.0, 2.5, 3.3, 5.0, 6.3, and 7.5 volts, at 4, 5, 6, and 7 prong sockets Operates directly from 110 volt socket, with tapped primary voltage adjuster to permit readings on 105-115-125 volts. The panel is engraved satin finished metal, mounted in a de-luxe leatherette case with removable cover for portable or counter purposes. Measures 11 x 9 x 5 inches.

- ★ Grid shift test—clearly shows relative conductance values and true worth.
- ★ Supplied with simple chart—shows condition of tube at glance.
- ★ Tests both plates of rectifiers by pressing one button.
- ★ Uses latest type moving coil meter.
- ★ Portable—May be carried anywhere.
- ★ Equipped with primary voltage adjuster.
- ★ Checks all tubes.

Cat. No. PTC-3017. Our Price, wired and tested..... **$17.95**

Cat. No. PTC-3017K. Complete Kit of Parts. Our Price **$15.95**

Powertone "Pal" Speakers



Developed to answer all speaker requirements—supplied in both dynamic and magnetic models. Ideal for remote speaker installations—each cabinet contains switch and matched volume control. All models are mounted into a two toned walnut finished cabinet measuring only 10½ inches long, 6 inches wide, and 7 inches high. Will harmonize with all surroundings. Ideal for installations in hotel rooms, hospitals, schoolrooms, apartment houses, etc., where a centralized receiver will operate a number of these speakers. Because of the built-in volume control, volume may be controlled at will from the speaker itself.

Cat. No. JPS-3020. (With Jensen A.C. Dynamic Speaker) Our Price **$6.95**

Cat. No. RPS-3021. (With Rola A.C. Dynamic Speaker) Our Price **$6.95**

Cat. No. WPS-3022. (With Wright De Coster A.C. Dynamic) Our Price **$6.95**

Cat. No. PPS-3023. (With Powertone A.C. Dynamic Speaker). Our Price.... **$6.25**

All A.C. models are equipped with 280 rectifier tube and 8 mfd. dry electrolytic condenser.

MAGNETIC SPEAKERS

Cat. No. BMS-3024. (With B.B.L. Magnetic Speaker) Our Price **$3.95**

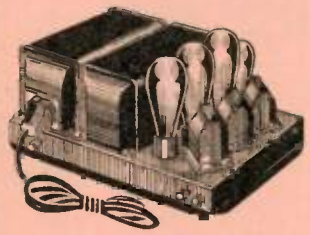
Cat. No. PMS-3025. (With Powertone Magnetic Speaker) Our Price **$2.85**

R.C.A. Victor Handmike

Designed for use in the most expensive phono and radio combinations placed on the market by the Radio Corporation of America. Provides true toned reproduction of music and voice. Ideal for use in home recording systems, and as a home broadcasting mike. Widely used in amateur stations and small portable public address systems. Neatly finished in brown gun metal enamel—complete with 5 foot cord.

Cat. No. VHM-215. Our Price **$1.25**

Samson Push Pull 210 Amplifier



A de luxe product built by a nationally-known manufacturer. Samson equipment may be found wherever the highest quality of sound equipment is used.

This amplifier is especially recommended for public address installations. May be adapted to phono pickup or radio pickup from detector of radio tuner.

Completely mounted in a rigid steel black enameled chassis frame—complete with A.C. line voltage adjustment. May be used with magnetic or dynamic speakers. Undistorted output 5 watts. Uses 4 tubes, 1—226, 2—210, and 1—281.

Cat. No. SPA-3019. Less tubes Our Price **$14.95**

Portable Leatherette Covered Cases

Just the thing for mounting your own set analyzers, tube checkers, wavemeters, portable receivers, etc. Durably built—will satisfactorily mount the heaviest equipment. Furnished with nickeled hinges, and fasteners. Removable cover. Equipped with handles. Available in the following sizes.

Cat. No. PC-3026. Case measures 10½ inches long, 7¾ inches wide and 2¼ inches deep. Our Price **$1.10**

Cat. No. PC-3027. Measures 10⅛ inches long, 8⅛ inches wide and 2⅞ inches deep. Our Price **$1.45**

Cat. No. PC-3028. Measures 9¾ inches long, 12¼ inches wide, and 3½ inches deep Our Price **$1.65**

Cat. No. PC-3029. Measures 16¾ inches long, 3 inches wide, and 7¾ inches deep. Our Price **$2.95**

Powertone Superheterodyne Combination Midget Receiver and Electric Clock

Neat, compact and efficient. Combines two necessities of the modern home—a modern efficient radio and an electric clock. The cabinet can be supplied in three different colors. Striking modernistic overlay. Distinctive in design and appearance.

Black & Gold
Blue & Gold
Red & Gold

INCORPORATES ALL NEW FEATURES

- ★ Latest superheterodyne circuit
- ★ High efficiency Tubes
- ★ Perfect performance and Tone Quality.
- ★ Clock is of precision construction and keeps accurate time. Tubes used 2—57, 1—58, 1—47, and 1—80 rectifier tube.

Cat. No. RMR-3018. Complete with tubes Our Price **$19.50**

Powertone Double Button Microphone

FEATURES:

- ★ Unusually Sensitive and Rugged.
- ★ Double Button "Mike."
- ★ For Voice and Music Reproduction.

Developed to meet the need of the amateur radiophone Station. May also be used for public address announcements. Accurately matched with well dampened diaphragm and balanced buttons, your assurance of long and satisfactory operation. Install a double button microphone and make your station thoroughly modern.

Cat. No. ADM-3030. Our Price **$2.40**

Powertone Desk Stand

FEATURES:

- ★ Extra Heavy Base.
- ★ Call Letters Cast Free.
- ★ Will Accommodate Any Standard "Mike."

A neat cast frame of ample size to mount the largest double button carbon microphone. Supplied with your call letters or name, cast in solid aluminum figures 1" high. Up to 5 letters furnished Stand is cast entirely of aluminum. Stand measures only 8½ inches high with a ring diameter of 5½ inches. Supplied complete with 8 springs. Weighs only 8 ounces.

Cat. No. ADS-3031. Our Price **$1.95**

Everything *from a* Binding Post *to a* Transmitter

LAST MINUTE MONEY SAVERS

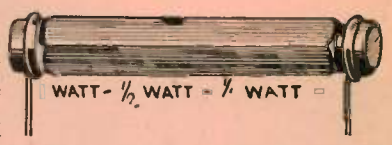
All Purpose Tube Rejuvenator

Why throw away your weak tubes? With this rejuvenator you can make them last longer and save considerable expense in making replacements. It has been estimated that 70% of the tubes now thrown away can be rejuvenated by this unique system. A clever circuit design makes possible full control over rejuvenating characteristics. Thus each tube receives exactly the proper treatment—cannot be overloaded or damaged in any way.

Renews all model tubes, including 864, 866, 34, 486, 283, 182B, 205D, 482A, 482B, 483, 985, 5Z5, 257, 36, 37, 38, 39, 41, 42, 44, 52, 64, 65, 66, 67, 68, 69, 70, 79, 85, 293, AD, KR1, GA, KR5, KRZZ, LA, PA, TI, 75, 84, AE, 15, 24, 27, 35, 46, 47, 49, 51, 56, 181, 295, 401, 484, KR20, KR25, PZH, Wunderlich, 59, 6A7, 6B7, 2A7, 2B7, etc. Full instructions are included with each outfit.

Cat. No. TR-5128.
Our Price **$9.95**

Powertest Carbon Resistors 1/3, 1/2 and 1 Powertone Watt R.M.A. Color Coded



A fortunate purchase enables us to offer these brand new R.M.A. color coded carbon resistors. A full assortment of resistance values in common use are available—in one watt, one-half watt and one-quarter watt rating. All resistors are brand new factory produced. They measure up to exacting standards of accuracy. Non-inductive—ideal for all purposes. Impervious to moisture and climatic changes.

Resistors are available in the following values:

100	800	5,000	15,000	60,000	200,000	3 Meg.
200	900	6,000	17,500	75,000	250,000	4 Meg.
250	1,000	7,000	20,000	80,000	500,000	5 Meg.
300	1,500	8,000	25,000	90,000	600,000	6 Meg.
400	2,000	9,000	30,000	100,000	750,000	7 Meg.
500	2,500	10,000	35,000	125,000	1 Meg.	8 Meg.
600	3,000	12,000	40,000	150,000	1½ Meg.	10 Meg.
700	4,000	13,000	50,000	175,000	2 Meg.	15 Meg.
						20 Meg.

Cat. No. R-5132. ⅓ Watt. Our Price .....
Cat. No. R-5133. ½ Watt. Our Price .....
Cat. No. R-5134. 1 Watt. Our Price **5c**

Powertone Portable Short Wave Receiver

Designed for reliable long distance short wave reception. Provides performance usually associated only with expensive fixed receivers.

CIRCUIT—Selective regeneration with one stage of flat response audio. Delivers excellent headphone reception when used on any good aerial. Supplied complete with plug-in coils covering wave length from 15 to 200 meters. Uses two 230 low current tubes for long battery life.

CASE—Handsome fabroid with detachable cover and genuine leather handle. Batteries are self-contained. Can be placed in operation in just a few minutes. Simply connect aerial and ground to clips provided on panel, and headphones to tip jacks, and the receiver is ready to operate.

Complete with coils and batteries, less tubes.

Cat. No. PSW-5130.
Our Price **$12.95**

Complete with tubes, coils, batteries and headphones, all ready to play.

Cat. No. PSW-5131.
Our Price **$15.15**

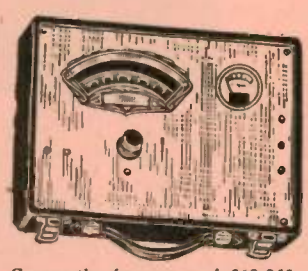
Hickock Point to Point Test Kit

Completely tests all receivers, including those using the latest 7-prong tubes, by the point to point systems accepted as the most efficient by the leading engineers. Readings are accurate within 1% tolerance.
D.C. Meter Voltage Scales—0-3, 0-30, 0-300, 0-600 Volts.
Resistance Scale—0-100, 10-20,000, 100-200,000, 1,000-2,000,000 and 10,000-20,000,000 ohms.
Resistance of Meter—1333 ohms per volt.
A.C. Meter Capacity Scales—.05-2 mfds.; .25-15 mfds.
A.C. Voltage Scales—0-8, 0-160, 0-40, 0-800.
Current Scales—0-40 M.A., 0-200 M.A.
The meters are of precision design with jewelled movements and external rectifier. Delivers all power from the 110 volt, 60 cycle A.C. line. Complete with line voltage adjuster. Size 6¼ x 7¼ x 3 inches.

Cat. No.
Complete. Our Price **$59.50**

Cat. No.
Carrying Case (not essential)..... **$5.95**

Powertone Portable Test Oscillator and Output Meter



A neat portable oscillator mounted in a serviceable fabroid carrying case. Supplied complete with detachable cover and leather handle. The oscillator provides a strong, clear signal over the entire broadcast band, 550 to 1500 k.c. Also a continuous band of 120 to 185 k.c. Covers the frequency of 260-262 and 475 k.c. Supplied with accurate output meter which gives correct readings on voice coil and high impedance output. Furnished in either A.C. or D.C. models. Leads are provided to attach a test coil for use in aligning, etc.

FEATURES:

- ★ Covers all necessary frequencies.
- ★ Provides comparative gain indication.
- ★ Extremely stable—will not shift calibration.
- ★ Directly calibrated on full vision vernier dial.
- ★ Aligns all T.R.F. of Super-Het coils.
- ★ Checks short wave coil characteristics.

D.C. model uses 1—230 low current consumption tube. Batteries can be mounted into the case. Requires no outside source of supply.
Cat. No. PTO-5135. With tube and batteries, all ready to operate.
Our Price **$16.95**

A.C. Model is all ready to operate. Just plug into A.C. line and oscillator is ready to work.
Same as Above, Less Output Meter—

A.C. Model .....
Battery Model **$10.95**

Cat. No. PTO-5136. A.C. Model with tube (Sylvania). Our Price.... **$15.95**

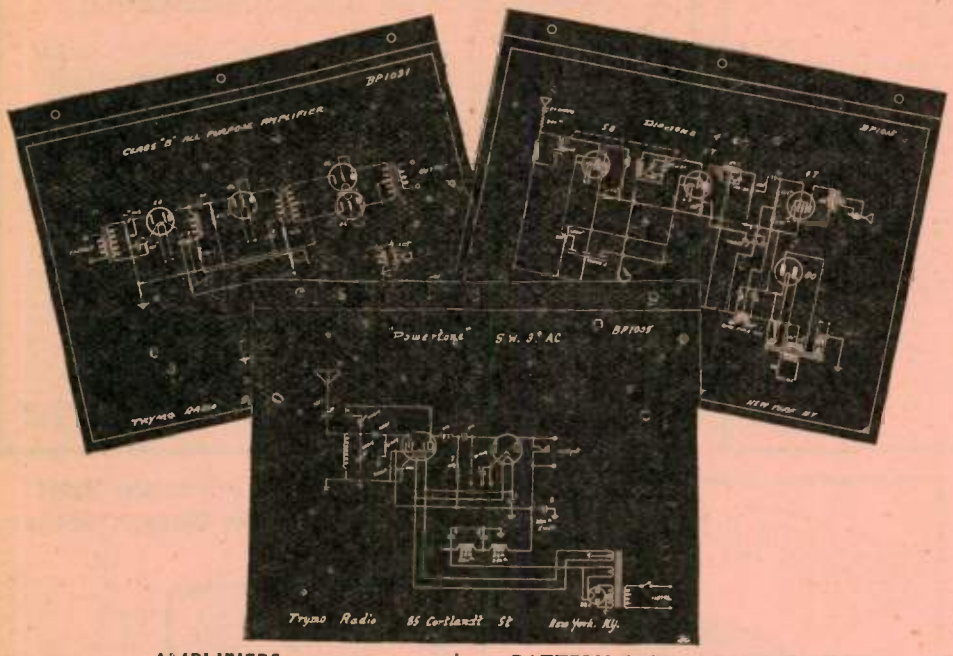
FREE ADVERTISING SIGN

Here is your opportunity to obtain, ABSOLUTELY FREE, this wonderful window sign-flasher. Send us your order for $25 or more of radio merchandise and you will receive this remarkable little silent advertiser. Place it in a conspicuous part of your window and watch your business pick up. It has proven results time and time again, keeping your name and your merchandise before the passing public. Beautiful, but not gaudy, it catches and holds the eye of the passerby, a potential customer. The flasher mechanism is simple and needs no attention. It consumes no current and will last indefinitely. Your name is placed upon the face of the sign in neat and attractive lettering, absolutely free of charge. The entire outfit with connecting cord and plug sent free of any charges whatever upon receipt of your order for merchandise totalling $25 or more. Shipping weight, 15 lbs.

SIGN ALSO SOLD SEPARATELY WITH NAME INSCRIBED, COMPLETE FOR $6.95.

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

BLUEPRINTS OF EVERY DESCRIPTION!



Amplifiers—Transmitters—Tuners—T.R.F. Receivers Super-Heterodyne Receivers —Power Packs—Short Wave Receivers

Here is a list of blueprints that will fill the needs of any serviceman, amateur, set constructor, etc.

They contain the circuits of all popular equipment used in the following branches of radio—short wave receiver and transmitter construction, public address design, broadcast receiver and chassis construction, and experimental equipment.

Our technical department is constantly experimenting and have developed new circuits which have proven in actual practice to be the logical designs. Each circuit is the outgrowth of considerable construction and experimenting, as we do not believe in releasing constructional data and blueprints until the equipment itself has proven entirely satisfactory in performance.

10c EACH

AMPLIFIERS

BP-AAS45— **Single 245 Amplifier**
Uses 1-'24, 1-'45 and 1-'80 tube.

BP-1037— **Single 247 Amplifier**
Uses 1-'24, 1-'47 and 1-'80 tube.

BP-1033— **Single 50 Amplifier**
Uses 1-'24, 1-'50 and 1-'81 tube.

BP-1018— **Direct Coupled 295 Amplifier**
Uses 1-'95, 1-'24 and 1-'80 tube.

BP-AA45— **Push Pull 245 3-Stage Amplifier**
Uses 2-'56, 2-'45 and 1-'80 tube.

BP-AA47— **Push Pull 247 Amplifier**
Uses 1-'24, 2-'47 and 1-'80 tube.

BP-AA50— **Push Pull 250 Amplifier**
Uses 2-'56, 2-'50 and 1-'83 tube.

BP-1034— **P. P. 250 3-Stage Amplifier**
Uses 1-'24, 1-'45, 2-250 and 2-281 tubes.

BP-1031— **Class "B" Dual 46 Amplifier**
Uses 1-'24, 3-'46 and 1-'83 tube.

BP-1025— **Portable Public Address Amplifier**
Uses 1-'79, 1-'82, 1-'37 and 1-'89.

BROADCAST RECEIVERS

BP-1015— **4 Tube Diamond of the Air**
Uses 1-'57, 1-'58, 1-'47 and 1-'80.

BP-1016— **5 Tube Diamond of the Air**
Uses 2-'58, 1-'57, 1-'47 and 1-'80.

BP-1017— **Pathfinder 6 Tube D.C. Receiver**
Uses 2-'39, 1-'36, 1-'37 and 2-'48.

BP-1011— **Superheterodyne 5 Tube Powertone Receiver**
Uses 1-'57, 1-'58, 1-'55, 1-'47 and 1-'80 tubes.

BP-1012— **7 Tube Powertone Superheterodyne**
Uses 2-'58, 2-'57, 1-'47, 1-'56 and 1-'80 tubes.

T-108BC— **Superheterodyne 8 Tube Powertone Receiver**
Uses 1-'57, 1-'55, 3-'58, 2-'45 and 1-'80 tubes.

BP-ACDC— **Universal A.C. and D.C. Receiver (4 Tubes)**

BP-5UAD— **5 Tube Universal A.C. and D.C. Receiver**

BATTERY OPERATED SHORT WAVE RECEIVERS

T-104BC— **Everyman Short Wave 2 Tube Receiver**
Uses 2-230 tubes.

BP-1005— **Powertone 2 Tube Short Wave Receiver**
Uses 1-232 and 1-233 tubes.

T-115BC— **Rocket 2 Tube Short Wave Receiver**
Uses 2-230 tubes.

BP-1002— **Diamond of the Air Short Wave Receiver**
Uses 2-230 tubes.

BP-BT— **Beginners Twin Short Wave Receiver**
Uses 2-230 tubes.

BP-WPR— **Powertone-Wallace Short Wave Receiver**
Uses 2-220 tubes.

BP-1003— **Powertone 3 Tube Receiver**
Uses 2-230 and 1-234.

BP-1041— **Diamond of the Air 3 Tube Receiver**
Uses 2-230 and 1-234 tubes.

A.C. SHORT WAVE RECEIVERS

BP-1005— **3 Tube Powertone A.C. Short Wave**
Uses 1-'56, 1-'57 and 1-'80.

BP-1005A— **4 Tube A.C. Receiver**
Uses 1-'56, 1-'58, 1-'47 and 1-'80.

BP-1006— **5 Tube A.C. Short Wave Receiver**
Uses 2-'58, 1-'56, 1-'59 and 1-'80.

BP-1040— **Band Spread 2 Tube A.C.**
Uses 1-'58, 1-'47 (separate power pack)

SHORT WAVE SUPER-HETERODYNES

T-102BC— **Short Wave Super-Het with Heterodyne Oscillator**
Uses 2-'58, 1-'24, 1-'56 and 1-'80.

BP-1001— **Short Wave Converter**
Uses 1-'56, 1-'57 and 1-'80 tube.

BP-1023— **Short Wave Adapter (1 Tube)**
Uses 1-227 or 56 tube.

R.F. TUNERS

BP-1007— **3 Tube T.R.F. Tuner**
Uses 2-'58 and 1-'56 tubes.

BP-1008— **4 Tube T.R.F. Tuner**
Uses 3-'58 and 1-'56.

TRANSMITTING EQUIPMENT

T-107BC— **Crystal Oscillator**
Uses 1-247 tube.

T-106BC-1— **Buffer Stage**
Uses 1-'46.

T-106— **Output Stage**
Uses P.P. 46.

BP-10— **Output Stage**
Uses P.P. 210.

T-103BC— **Crystal Controlled Transmitter**
Uses 1-'47 and 1-'46.

T-112BC— **Indicating Wave Meter**

BP-1024— **Hartley Oscillator**
Uses 1-210.

BP-1030— **Crystal Stage**
Uses 1-210.

T-101BC— **Frequency Monitor**
Uses 1-'24, 1-'27 and 1-'80.

BP-1027— **550 Volt Power Supply**
Uses 2-281, 550 volt at 150 M.A.

BP-1028— **425 Volt Power Supply**
Uses 1-282 tube, 425 volts at 150 M.A.

BP-1029— **2000 Volt Power Supply**
Uses 2-866, 2000 v. at 200 M.A.

MISCELLANEOUS ITEMS

T-110BC— **Tube Short Checker**

T-111BC— **Carleton Tube Checker and Analyzer**
Tests all new tubes.

BP-1101— **Amplifier and Transmitter Modulator**
Uses 1-'56 and 3-'46 tubes.

T-114BC— **Speaker Field Supply**
Uses 1-280 tube.

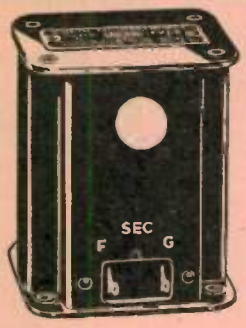
BP-1035— **Microphone Pre-Amplifier**
Uses 1-230 tube.

Prompt Service - Shipments within 24 Hours

TRANSFORMERS AND CHOKES

SANGAMO AUDIO OUTPUT INPUT TRANSFORMERS

Input and Output Transformers



Here is your opportunity to purchase the best for only a few cents more than what you would pay for a far inferior product. A dynamic speaker can be used in conjunction with the type H.X. and B.X. Sangamo transformers. The input transformer has a high primary inductance, thus assuring maximum amplification at low frequencies. The secondary is accurately divided to secure practically identical frequency characteristics. Has excellent reproductive qualities. The output transformer has an impedance that matches the voice coil impedance of any standard dynamic speaker. Size 3"x2½"x2⅝". Shipping weight, 2 lbs. each.

Cat. No. IT1149. Input Transformer, ea. **94c**
Cat. No. OT1149A Output Transform., ea. **94c**
Per Pair $1.85

Audio Transformer

As fine a transformer as has ever been built. The musical range runs from approximately 32 vibrations per second for the lowest note to about 10,000 vibrations per second on the highest note. The curve of this transformer is as near perfect as possible. Well insulated and shielded. The lowest prices ever quoted for such high quality transformers. Size 3x2½x2⅝". Shipping weight, 2 lbs.

Cat. No. AT1148. Each **94c**

Powertest 2½ Volt Filament Transformer C.T. 6 Amperes

A high quality transformer built to our specifications by one of the largest transformer manufacturers. Has a 110 volt primary and a 2½ volt center tap, secondary winding at 6 amps. Measures 2½" high and 2⅛" wide at the base. Color-coded flexible leads. Ruggedly constructed and guaranteed to give rated amperage. Shipping wt., 2 lbs.

Cat. No. FT2619.
Our Price **95c**

Filament Transformer

2½ volts at 11 amps. 2½ volts at 3 amp

Will deliver 2½ volts in two windings. One of the windings gives 2½ volts at 11 amperes and the other 2½ volts at 3 amperes. May be used in any receiver or amplifier where separate 2½ volt filament windings are needed. All windings are center tapped. Primary 110 volts, 60 cycle.

Cat. No. 1150.
Our Price **$1.10**

P.P. Output Transformer

A transformer that we can fully recommend to the serviceman. We can assure uninterrupted service. It is sealed within an attractive black case. Can be universally mounted. Equipped with well insulated flexible leads. 3¼ in. tall, 2½ in. long, 2⅜ in. wide.

Cat. No. 1152.
Our Price **95c**

Pacent Shielded Input Transformer

This transformer can be used for coupling two 171 A's, two 250's, two 245's to various types of speakers. It has a primary of 4000 ohms center tapped. The secondary windings are as follows: Secondary No. 1 4000 ohms impedance having a tap at 500 ohms. Secondary No. 2 15 ohms having a tap at 5 ohms.

Cat. No. 1151.
Our Price **$1.25**

Speaker Field Transformer

Generously constructed—heavy lamination stack. An exceptionally high quality unit. Sealed in handsome metal case. The coil and lamination are scientifically treated so as to make them impervious to atmospherics. Can be used for "B" battery eliminator or for field supply for dynamic speakers having 2500 ohm fields. Makes use of a 280 rectifying tube. 110 volt primary, 5 volt secondary for 280 tube, and high voltage secondary 600 ohm center tapped.

Cat. No. 2611. Our Price. ... **$2.25**

Stromberg Carlson No. 3A Audio Transformer

This transformer has excellent characteristics and may be used for replacement purposes in any receiver. Is totally shielded and has Permalloy laminations. The gain is sufficient to deliver good volume in receiver or amplifier.

Cat. No. 1153.
Our Price **85c**

Haynes Griffin Audio Choke

We suggest this famous Haynes Griffin audio choke for the short wave enthusiast who wishes to construct his own impedance coupled amplifier. Can also be used in power amplifiers where audio chokes are specified. Size: 3¼x2⅜x1¾". Shipping wt., 2 lbs.

Cat. No. AC2620.
Our Price **89c**

Acme 30 K.C. Intermediate Frequency Transformers

To provide increased signal strength. Impregnated coils are machine wound. It has excellent characteristics and may be used for replacement purposes on most super-heterodyne sets.

Cat. No. 614.
Our Price **65c**

¼ Amp. D. C. Choke

Specifications:
¼ amp. filter choke.
.1 henry.
250 milliamperes.
40 ohms D.C. resistance.

A choke which can be used on either D.C. sets or "A" eliminators. Shipping wt., 3 lbs.

Cat. No. CT2621.
Our Price **$1.49**

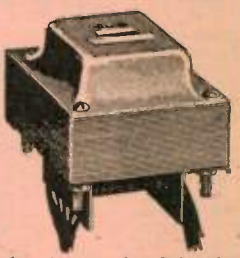
R.C.A. Photophone Parallel Plate Choke

R.C.A. Part No. R.T. 106. Reactor used on "J" Photophone System. 400 henries at 4 m.a. R.C.A. Part No. R.T. 107. Reactor used on "J" Photophone System. 100 henries at 14 m.a. 600 ohms resistance. Shipping wt., 4 lbs.

Cat. No. CT2622.
Our Price ... **$2.50**

POWER TRANSFORMERS

4 and 5 Tube Midget Power Replacement Transformer



A transformer that can be used as a replacement in most any 4 or 5 tube midge receiver in use today Lamination 1 inch has 4 windings with shield between primary and secondary grounded to core.

Specifications:
Primary, 110-115 v., 50-60 cycle A.C.
Plate secondary, 340-340 volts, 40 ma.
Filament No. 1—5 volts, 2 amp. for 280 tube.
Filament No. 2—2½ v., 5½ amp., center tapped.
Watts output—41, pri. current approx. .4 amp.

Cat. No. RT2624.
Our Price **85c**

5 and 6 Tube Power Transformer

Cat. No. PT2625.
Our Price
$1.39

Specifications:
Lamination, 1⅜".
Primary, 110-115 volts, 50-60 cycle A.C.
Electrostatic shield between primary and secondary.
Plate secondary, 325-325 v.-50 m.a.
Filament No. 1—5 volts, 2 amps., for 280 rectifier.
Filament No. 2—2½ volts, 7 amps., C.T.
Watts output, 44.

7-8-9 Tube Power Transformer

A specially designed power transformer which can be used by all radio men in building either high priced radio receivers or in the construction of small public address systems. Built of the highest grade silicon steel core. A feature that makes this transformer stand out from the rest is that it has 3—2½ volt windings center tapped—a feature which permits the use of this transformer as a replacement for most any type receiver.

Specifications:
Primary—105 to 120 volts, 50-60 cycle A. C.
Electrostatic shield between primary and secondary grounded to core.
Plate secondary—400-400 volts at 125 m.a.
Filament No. 1—5 volts at 2 amperes for 280 tube.
Filament No. 2—2½ volts, 7 amps., center tapped.
Filament No. 3—2½ volts, 9 amps., center tapped.
Size:

Cat. No. PT2626.
Our Price **$1.83**

Powertest Midget Power Transformer

Its unique design makes it readily adaptable for all servicemen in their replacement work. Soldering lugs are mounted on coil for easy soldering below sub-panel.

Specifications:
Primary—110-115 volts, 50-60 cycle A.C.
Plate winding—350-350, 50 m.a.
Filament No. 1—5 volts, 2 amps., for 280 tube.
Filament No. 2—2½ volts at 7½ amperes, center tapped.

Cat. No. PT2627.
Our Price **85c**
All of the above Power Transformers can be used with any of the New Type Tubes.

Replacement Transformer Coil

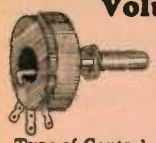
Excellent output choke and output transformer ready to slip on your core. Secondary of transformer 15 ohms. Primary matches plate impedance of 171 and 245 tubes. Size 1½x1⅛x 1¼". Core hole ⅞" x ⅛". Shipping wt., 1 lb.

Cat. No. 2623.
Our Price **20c**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Volume Controls & Power Rheostat

Powertest Replacement Volume Controls



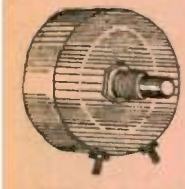
Ideal for all replacement purposes. Finely made—Accurate resistance values. Long life. Available with blank removable back cover. Can instantly be interchanged with snap-on power switch.

Type of Control	Value	Taper
Rheostat	10 ohms	Uniform
Rheostat	20 ohms	Uniform
Rheostat	30 ohms	Uniform
Rheostat	50 ohms	Uniform
Potentiometer	100 ohms	Uniform
Potentiometer	200 ohms	Uniform
Potentiometer	400 ohms	Uniform
Potentiometer	600 ohms	Uniform
Potentiometer	800 ohms	Uniform
Potentiometer	1,000 ohms	Uniform
Potentiometer	2,000 ohms	Uniform
Potentiometer	3,000 ohms	Uniform
Potentiometer	4,000 ohms	Uniform
Potentiometer	6,000 ohms	Uniform
Potentiometer	5,000 ohms	Tapered
Potentiometer	7,500 ohms	Tapered
Potentiometer	10,000 ohms	Tapered
Potentiometer	10,000 ohms	Uniform
Potentiometer	15,000 ohms	Taper
Potentiometer	25,000 ohms	Uniform
Potentiometer	25,000 ohms	Taper
Potentiometer	30,000 ohms	Taper
Potentiometer	50,000 ohms	Uniform
Potentiometer	100,000 ohms	Taper
Potentiometer	200,000 ohms	Uniform
Potentiometer	250,000 ohms	Taper
Potentiometer	500,000 ohms	Taper
Potentiometer	1 megohm	Taper

Cat. No. VC-1154. All controls less A.C. Switch. Our Price **39c**

Cat. No. VC-1155. 110 Volt Snap-On Switch. Our Price **29c**

Frost 200,000 Ohm Volume Control

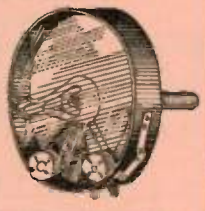


Suitable for use as a grid circuit control in amplifiers and receivers. Employs the famous Frost Resistance Element and Control Slider. Smooth running. Constant in value.

Cat. No. VC-1157. Our Price **39c**

Centralab 500,000 Ohm Volume Control and Switch

Used in many nationally known receivers. A graphite type resistance element. Properly designed to reduce wear. A carefully insulated switch mounted on the back. Case is extremely thin, requiring little back of panel space.



Cat. No. VC-1158. Our Price **49c**

Genuine Philco Volume Controls

A complete line of replacement controls for this popular manufacture of receivers. The serviceman should always keep a supply on hand. Lower your replacement costs. Insure maximum profit. Fully guaranteed to be precisely designed for each receiver. Please state model.

Cat. No. VC-1159.

MODEL	PRICE	MODEL	PRICE
3	75c	71	48c
4	75c	76	39c
7	90c	77	75c
15	60c	86	84c
20	75c	87	84c
21	75c	90*C	90c
30	90c	90*D	45c
35	90c	90*E	45c
35B	90c	91	48c
50	75c	95	93c
51	45c	96	84c
52	45c	111	84c
85	60c	112*F	84c
70*A	90c	112*G	84c
70*B	45c	511	84c

Carter "Hi-Watt" Rheostat and Voltage Control

A heavy duty design—ideal for power application. Employs the famous steel frame construction necessary for maximum power capacity. Withstands extremes of temperature without damage. Ideal for use as a variable dropping or power control device. Available in the following sizes: 75; 150; 200; 300; 400; 1000; 2000; 3000; 4000; 10,000; 50,000; 70,000.

Cat. No. VC-1169. Our Price, Each..... **$1.25**

Carter Shielded Volume Controls

Metal cased—accurately rated—small in size. Available in the types listed below:

Values in Ohms	Values in Ohms	Values in Ohms
1	50*	2000
5	100	3000
10	200*	5000*
20	500	10000
50	1000	20000*
		40000*

*NOTE: Controls listed with (*) are supplied only less power switch. All other controls are complete with self contained power switch. All units are rheostats with two terminals.

Cat. No. VC-1160. Our Price **29c**

Carter Midget Volume Controls

Very compact in size. Metal frame construction. Requires single hole mount. Contact is exceptionally smooth running.

Values in Ohms	Values in Ohms	Values in Ohms
½	10	400
1	25	10,000
2	50	50,000
3	75	500,000
4	200	

All above controls are two terminal rheostats. Also a limited quantity of 200,000 ohm controls, some of which are three terminal potentiometers.

Cat. No. VC-1161. Our Price **19c**

Carter "MW" Volume Controls

An oversized volume control. Ideal for heavy duty use. Particularly as cathode bias controls. Suited for use as a rheostat in power dissipating circuits. Comparatively small in size. Single hole panel mount.

Values in Ohms	Values in Ohms	Values in Ohms
⅛	15	250
½	25	1000*
¾	40	2000
1	50	3000*
2	100	5000*
6	150	6000*
10	200	7000*

Note: All controls are rheostats except those marked with (*).

Cat. No. VC-1162. Our Price **25c**

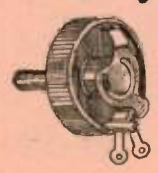
"Humdinger" Hum Control

A handy adjustable resistor. Ideal for all applications requiring a device that can be set in position desired. Single hole panel mounting. Heavy wire wound construction. Will dissipate plenty of heat without damage.

Two Term. Controls	Three Term. Controls
2 ohms	6 ohms
3 ohms	10 ohms
6 ohms	20 ohms
30 ohms	

Cat. No. VC-1163. Our Price **10c**

Yaxley 15 Ohm Rheostat



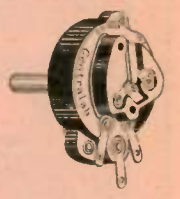
Small in size—finely built. A product of the nationally known Yaxley organization. Requires single hole panel mount. Ideal for the construction of portable or fixed equipment. Large rated current capacity—will handle up to ¾ of an ampere.

Cat. No. VC-1164. Our Price **12c**

Centralab

Volume Control with Switch

Made up with special tapers of resistances for the fundamental volume control circuits used in radio and is carried in stock as a standard replacement control. The sizes listed below will take care of most service work. Each has a 1¼" shaft which may be cut to appropriate size. Bushing ½" long. If you are in doubt as to the type required, order, giving name of set and model number.



Available in the following sizes

1,000 ohms	20,000 ohms	200,000 ohms
2,000 ohms	25,000 ohms	250,000 ohms
3,000 ohms	50,000 ohms	500,000 ohms
5,000 ohms	100,000 ohms	750,000 ohms
10,000 ohms	150,000 ohms	1 megohm

Cat. No. VC-115. Our Price **49c**

With Switch—10 cents extra

Centralab 200,000 Ohm Potentiometer

A carbon element type. Popular thin case design. Smooth wiping contact. Ideal for all construction purposes. Guaranteed to be constant in value. Quiet in operation.

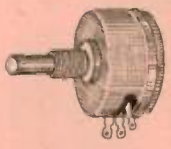
Cat. No. VC-1165. Our Price **19c**

Centralab 5000 Ohm Volume Control

A Centralab air cooled volume control. Slider rides smoothly, no rasping noises or scratches. 5000 ohms resistance.

Cat. No. 5611. Our Price **19c**

Eby Volume Control



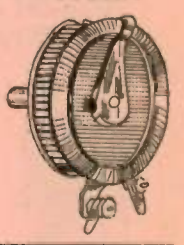
Specially designed for grid bias control circuits. Resistance elements 4700 ohms variable with 300 ohm fixed resistance in series. Can be used for many purposes. Fine mechanical construction insures quiet operation and long life.

Cat. No. VC-1166. Our Price **29c**

Centralab Power Rheostat

3 OHMS

Widely used in "A" power pack control. Also as transmitter secondary filament control rheostat. Steel frame. Resistance element wound on asbestos material. Will stand extreme heat without breakdown.



Cat. No. PR-1167. Our Price **10c**

Centralab Phono Pickup Control

Simply plug the pickup phone tip lead in the jacks mounted in one end. Attach phone tip terminal cord to amplifier or radio set. Graphite resistance insures smooth adjustment of volume. May be used with all makes of pickups. High or low impedance models. Small in size—moulded in genuine bakelite. Complete with arrow knob.

Cat. No. PC-1168. Our Price **69c**

We Guarantee to MEET or BEAT competition-

Aluminum Cans, Shields, Bases & Panels

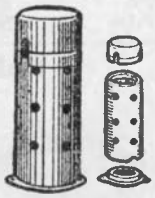
'56, '57, '58, Tube Shields

Accurately designed to achieve the best results in connection with the new '56, '57, and '58 R.F. pentode tubes. Their dimensions are such that complete shielding action is obtained without effectively increasing the inter-element capacitance of the tubes. All mounting parts are included.

Cat. No. 1420 ..... **10c**

We carry a complete line of tube shields for every type of tube made. A huge, special purchase enables us to undersell competitors.

'36, '37, '38 Automobile Tube Shields



Tube shields scaled down to size to meet the requirements of the 6.3 volt automotive type tubes. Mounting parts are included.

Our Price **10c**

Two Piece Tube Shields

These two piece tube shields are slightly different in design than any formerly offered. Lower half comes complete with 6/32 mounting screws. Design is such that a small shielding action remains even with the upper half of shield removed for testing

Our Price **10c**

Aluminum Tube Shields

A substantially constructed tube shield. Formed of heavy aluminum—designed to provide proper ventilation at no sacrifice of adequate shielding. Furnished in two pieces.

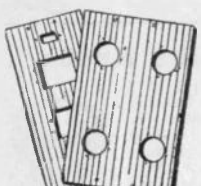
Cat. No 1472.
With Base. Our Price..... **10c**

Powertone Coil Shield

Formed of heavy tinned metal. Non-magnetic. Causes no appreciable loss or detuning effects. While designed for mounting of inductances and transformers may also be used as a choke, transformer or condenser can.

Cat. No.	Dimensions	Price
1436.	2¾" x 2½"	7c
1437.	3⅛" x 2½"	7c

Special Cut Panels



These panels are treated for high voltage use. Panel with the circular holes measures 23½ x 13, ¼ inch thick. Holes will permit the insertion of any 2½" meter. Panel with rectangular holes measures 23½ x 8 x ¼ inch thick. 2 small holes (½ x 1⅛) are placed on the outside, 2 large holes (3⅛ x 2¾) are in the center.

Ideal for the construction of testboards, transmitter sub-panel, etc.

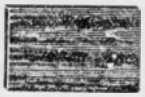
Cat. No. 1473. Round hole.
Cat. No. 1474. Square hole. Price **$1.00** ea.

Screen Grid Caps

Tinned spring caps for making connection to the control grid terminal of screen grid tubes. Makes a sure wiping contact.

Cat. No. 1423
Our Price, Each **3c**

Bakelite and Hard Rubber Panels



A selected stock of the highest grade bakelite and hard rubber. Even ⅛" thickness and perfect finish guaranteed. Furnished in standard black finish.

Cat. No.	Size	Hard Rubber	Bakelite
1438	7 x 10	.48	.96
1439	7 x 12	.58	1.18
1440	7 x 14	.68	1.42
1441	7 x 18	.87	1.83
1442	7 x 21	1.01	1.02
1443	7 x 24	1.22	2.12
1444	7 x 26	1.33	2.65
1446	7 x 28	1.45	2.90
1447	7 x 30	1.55	3.09

Aluminum Panels

Finished in pure aluminum. Bright finish. A beautiful lustre may be applied by the use of washing soda and steel wool. Supplied in 1/16" (No. 14 gauge) stock as standard. Other thicknesses on special order. Packed separately to avoid scratching.

Cat. No.	Size	Price of Aluminum
1411	7" x 10"	32c
1412	7" x 12"	35c
1413	7" x 14"	51c
1414	7" x 18"	69c
1415	7" x 21"	75c
1416	7" x 24"	89c
1417	7" x 26"	1.01
1418	7" x 30"	1.14

Sheet panels per square inch cut to size.

Cat. No.	Thickness	Price of Aluminum
1475	1/32"	1c
1476	1/16"	1½c
1477	3/32"	1¾c
1478	1/8"	2c

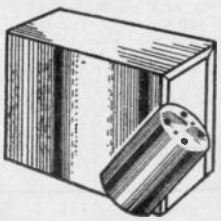
Aluminum Shield Cans

No. 14 guage ⅛" thick material supplied complete with corner posts.

Cat. No.	Dimensions Length	Depth	Height	Price
1401	9"	5"	6"	.98
1402	6"	6"	6"	1.35
1403	8"	8"	6"	1.95
1404	5"	5"	6"	1.00
1405	10"	8"	6"	2.50
1406	14"	7"	6"	2.50
1407	12"	6"	6"	1.75
1408	12"	7"	6"	1.95
1409	18"	9"	6"	3.25

Special size shield can be furnished in Aluminum to order. Cut drilled and engraved to specifications. Send us your complete specifications for an attractive price. Accurately machined and formed—satisfy the most critical.

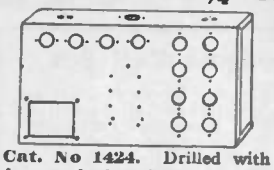
Replacement Cans



Assorted sizes and shapes. Ideally suited for those wishing to build their own condenser blocks or shield unenclosed power transformers. Heavily tinned to prevent tarnishing. Also ideal for shielding wavemeters, oscillators, monitors, etc.

Cat. No.	Sizes available	
1430	5"x1¼"x2⅜"	25c
1431	4¾"x3⅞"x3⅜"	25c
1432	5"x3¾"x2⅜"	25c
1433	5¾"x5"x3⅛"	25c
1434	5½"x2¾"x2⅛"	25c
1435	6"x5"x3¼"	25c

10" x 18" x 2¾" Metal Chassis

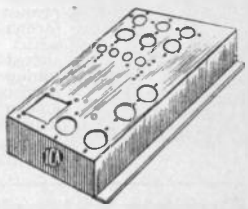


Made from a special metal of high electrical conductivity. Obtainable with hole or without holes. The holes drilled are for tubes, sockets, transformer, coils, etc.

Cat. No 1424. Drilled with holes for standard sockets. Our Price..... **89c**
Cat. No 1425. Undrilled.
Our Price **79c**

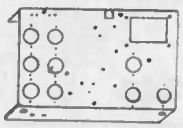
8" x 13" x 2¾" Metal Chassis

A chassis for smaller receivers cut and drilled as shown in the figure. Also available blank but bent for those able to do their own drilling and cutting.



Drilled
Cat. No. 1426 **69c**
Undrilled
Cat. No. 1427 **59c**

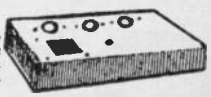
8⅛"x13¼"x3¼" Metal Chassis



Drilled and cut to receive component parts of a small midget receiver. Power transformer aperture and coil openings ready cut for the benefit of those without power tools.

Cat. No. 1428.
Our Price **79c**

Amplifier Sub-Base



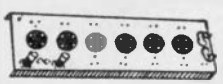
An ideal size for the construction of small amplifiers, power supplies, etc. Has apertures cut for three sockets and a power transformer. Formed of heavy sheet metal. Strong enough for use for large transformers chokes, etc. Special nickel plated finish will not corode.

Cat. No. 1471.
Price **79c**

BLANK METAL BASES

Cat. No.	Height	Width	Length	Price
SB	2½	4	10	35c
SB	2½	5	10	45c
SB	2½	7	12	55c
SB	2	5½	15	65c

Metal Sub-Base and Socket Assembly



Consists of a heavy metal strip on which six UX wafer sockets are mounted. Ideal for the construction of resistance coupled amplifiers for television use, or the assembly of speech amplifier and modulator units. Can be used in tube testers or as a spare inductance coil rack.

Cat. No. 1471.
16 Inches Long, 4 Inches Wide. Price.... **39c**

Short Wave Receiver Can and Sub-Base

A well designed can and sub-base. Ideal for the construction of Shortwave receivers. Has panel cut out for fan type modernistic full vision dial, for regeneration control and an antenna trimmer mount. Holes in base are for standard wafer, or isolantite sockets. Silver finish, will not tarnish.

A handsome finished can, commercial in appearance. Finished in enamel crackle. Base measures 6¼ x 11 x 1¾ deep. Can measures 6½" x 11" x 7".

Cat. No. 1429A.
Can only **$1.35**
Cat. No. 1429B.
Base only **$1.35**
Cat. No. 1429.
Complete combination, can and base.... **$2.50**

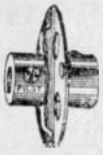
PILOT PRODUCTS

Superheterodyne Coil Set

The well known No. 242 kit. Designed for the construction of a band pass superheterodyne receiver. This design is adopted by 80% of the highest quality receivers and represents the best of present day practice. The kit contains one band pass coil, one oscillator coil and two special fixed condensers. Requires the addition of the proper number of I.F. transformers for the receiver you wish to construct. Designed for use with four gang tuning condensers. Coils measure 1¾ inches in diameter by 5¾ and 4 inches long respectively.

Cat. No. P-242. Our Price **$2.25**

Flexible Extension Coupling



For use with all devices requiring a rugged coupling device. Strong enough for use with ganged tuning devices. No backlash. Designed to operate as a universal joint, compensating for out of line devices.

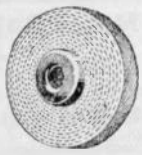
Cat. No. P-12A. Our Price **24c**

Intermediate Frequency Transformer

Ideal for use with No. 242 coil kit. Peaked for 175 kc operation. Mounted in strong aluminum can, measuring 4⅛ inches high, and 2¾ inches in diameter. A hole is provided in the top for trimmer adjustment—not necessary to take can apart for balancing. Furnished in a set of three matched units.

Cat. No. P-241. Our Price **$3.25**

R. F. Chokes



May be used in all transmitters and receivers within their wave length of current ratings. Special bank winding minimizes distributed capacity. Paraffin impregnated. Single hole mounting.

Cat. No. P-132. 18 M.H. designed for 175 kc. Rated to carry 40 M.A. Our Price **30c**

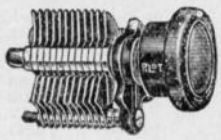
Cat. No. P-131. 30 M.H. effective between 15 and 600 meters. Rated at 60 M.A. Our Price **75c**

Dynamic Speaker Field Exciter

Completely answers the demand for a smooth steady source of field current for dynamic speakers. Delivers 100 volts at 110 M.A. Ample for any speaker ranging from 800 to 2500 ohms resistance. Mounted in a neat crackle finished steel can. Completely self contained—no exposed high voltage leads—cannot be shorted or tampered with. Conservatively rated for continuous use. Ideal for use on public address systems and remote speaker installations.

Our Price, With Tube **$2.95**

Pilot Midget Condensers



A complete line of midget variable condensers. With bakelite end plate insulation and single hole mounting. Furnished complete with knob. Due to their unique construction they may be readily altered for special circuits. Can be easily converted to double space use. Standard ¼" shaft. Shipping weight. 3 lbs.

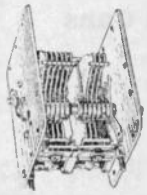
Cat. No.	Capacity	Price
PJ-5	.000015 mfd.	49c
PJ-7	.000025 mfd.	49c
PJ-13	.000050 mfd.	54c
PJ-23	.000100 mfd.	59c

Centraling Tuning Condensers

Developed to answer the demand for a compact, efficient, tuning condenser that is low in cost. Furnished with a centraline tuning curve midway between straight line frequency and straight line capacity. Has removable shaft feature—may thus be used for clockwise or counter-clockwise tuning. Single hole panel mounting. All units have brass pigtail rotor contact.

Cat. No.	Capacity	Price
P-1611	.00016	$1.05
P-1613	.00025	1.05
P-1617	.00035	1.10
P-1623	.0005	1.25

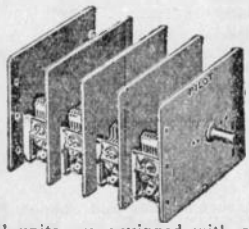
Short Wave Dual Gang Condenser



A compact dual gang condenser. Ideal for converter and all other gang tuning purposes. Double spaced plates insure accuracy of calibration. High shields between sections prevent inter-action between circuits. Shields measure 4½ x 3¼ inches. Over all length 3 inches.

Cat. No. P-3135. .00014 mfd. capacity **$3.00**

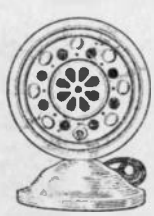
Precision Type Shielding Condenser



Developed to meet the exacting requirements of balanced superheterodyne circuits. Each section has a separate compensator for precise balancing purposes. Ruggedly constructed. High shields between sections and at the ends. Ideal for laboratory and calibrated apparatus construction purposes. The shields measure 4½ x 3¼. All units are equipped with a ¼ inch shafts. All are of .00032 capacity.

Cat. No.	Sections	Depth Back of Panel	Price
P-3115.	1	1½ in.	$1.05
P-3130.	2	3 in.	2.00
P-3145.	3	4½ in.	3.00
P-3160.	4	6 in.	4.00

Pilot Miracle Microphone



An inexpensive instrument that will give wonderful results. It is not a toy but a genuine microphone made by one of the largest radio parts manufacturers in the world and backed by their reputation. There is a world of fun in this microphone. Instructions for connecting to radio enclosed in each carton.

Cat. No. 4712. Our Price **85c**

Precision Type Dial

A carefully designed vernier provided with smooth working reduction gear. Dial scale is unusually clear with large black figures on white celluloid scale. Provided with dial light socket. Complete with embossed white plate. Used on the famous Pilot Super Wasp line of short wave receivers.

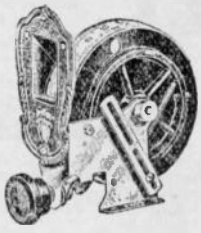
Cat. No. P-1282L. Our Price **$1.10**

Full Vision Dial

Modernize your receiver by installing one of these new type tuning indicators. Provides full illuminated dial scale with hair line tuning indicator. Mechanism is cam and lever design reducing 180° condenser rotation to a 90° scale movement. Rugged construction, long trouble free life. Easy to mount. Complete with dial lamp and panel escutcheon.

Cat. No. P-1287. Our Price **$1.25**

Standard Drum Dial



A single illuminated drum dial which may be applied to short wave or broadcast receiver construction. Beautiful in appearance—noiseless in operation. Sufficient tension to carry the largest gang tuning condenser without slip or backlash. Complete with embossed dial plate.

Cat. No. P-1285L. Our Price **$1.25**

Art Vernier Dial

A neat moulded bakelite vernier tuning dial. Positive friction drive. Will operate multi-gang condensers without backlash. Supplied with a continuous calibrated scale or clockwise or counter clockwise operation. Mounts with single machine screw. 4" high 3⅛" wide.

Cat. No. P-1278. Black Bakelite Our Price **50c**

Cat. No. P-1279. Brown Bakelite Our Price **50c**

Moulded Bakelite Knobs

A handsome set of 3 matched bakelite knobs. Moulded in two toned walnut bakelite. Handsome in appearance. Will fit standard ¼ inch shaft. Ideal for rheostats, tuning condenser, switch, etc. Set consists of two ⅞" knobs and 1—1¼" knob.

Cat. No. PK-2. (Set of Three) Our Price **29c**

Bakelite Knob

A beautiful two toned bakelite knob. Handsome fluted end plate design. Will fit all ¼ inch shafts. Well insulated. Ideal for all constructional purposes.

Cat. No. PK-1. Our Price **10c**

We Guarantee to MEET or BEAT competition

PILOT PRODUCTS
Standard for the Radio Man

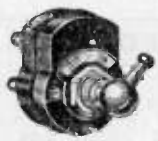
Rheostats and Potentiometers

A wire wound type. Formed on special non shrinking strip. Will withstand heating without damage or loosening wire element. Enclosed in dust proof bakelite housing. Single hole mount. Complete with two toned bakelite knob. Dimension 2" diameter, ⅞" thick.

Cat. No.			
P-906.	Rheostat	6	ohms
P-920.	"	20	"
P-930.	"	30	"
P-200.	Potentiometer	200	ohms
P-400.	"	400	"
P-931-P	"	100	"
P-932-P	"	2000	"
P-3000.	"	3000	"

Rheostats and Potentiometers
Our Price, each **50c**

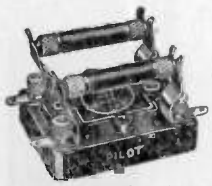
Lever Panel Switch



This rotary lever switch can be applied to practically all set and power unit construction. Extremely compact. Housed in a neat bakelite case. Prevents short circuit. Unusually strong springs guarantee long service. Rated to carry 3 amperes at 110 volts A.C.

Cat. No. P-46. Price **30c**

Resistance Coupling Unit



This compact assembly is ideal for the construction of resistance coupled amplifiers, etc. Consists of a bakelite block on which two pairs of resistance clips are mounted. A depression in the center of the block permits mounting any desired value of Pilot condenser. Thus any desired combination of resistance and capacity may be employed. Also used as a dual ballast or resistor clip.

Cat. No. P-501. Resistance mounting less condenser **25c**

Cat. No. P-500. Resistance mounting with .01 Pilot Condenser. Our Price **75c**

4 and 5 Prong Universal Mounting Sockets

May be used for base board or sub panel mounting. Finely formed of genuine bakelite. Strong spring brass contacts to prevent circuit noises. Solder lug terminals.

Cat. No. P-216. 4 prong type
Cat. No. P-217. 5 prong type

Our Price, Each **15c**

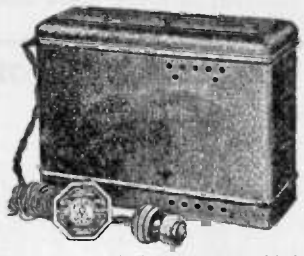
Screw Type Sockets

Simply drill a hole through the base board. One hole is required for each terminal and connections may be made through the bottom by means of solder lugs and nuts. A very popular item in the construction of analyzers and small compact equipment. Genuine bakelite construction. Reduces panel space to a minimum.

Cat. No. P-214. 4 prong type
Our Price, Each **15c**

Cat. No. P-215. 5 prong type
Our Price, Each **15c**

Standard ABC Power Pack



A complete line of factory assembled power packs which cover all ordinary requirements. Deliver smooth steady power with excellent regulation. Extremely compact in size-mounted in japanned steel cases 10 in. long 7 inches high, 3¼ inches wide.

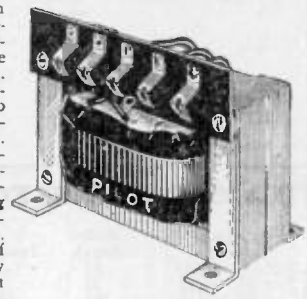
Model K-111 pack supplies 60 M.A. at 200 volts D.C. tapped at 180-135-90-45 volts. Three low voltage windings are provided which supply 5 volts at 1 ampere, 2½ volts at 8 amperes. 1½ volts at 4 amperes. Delivers ample power for any receiver using 2-171A, 4-224A, or 227, and 4-226.

Model K-112 pack supplies 90 M.A. at 300 volts D.C., tapped at 180, 135, 90, 45 volts. A variable resistor provides full control of these four values. Filament windings delivers 5 volts at 2 amperes, 2½ volts at 11 amperes. Used to supply up to 2-245's, 7-24A's, 1-280.

Cat. No. K-111. Price **$16.35**

Cat. No. K-112. Price **$18.95**

Replacement Audio and Push Pull Transformers



A line of high grade encased replacement transformers. Available for every need. Not to be confused with the so called general replacement types. Each model designed for a specific purpose — thus guaranteeing you 100% satisfactory operation. Cores are made of special alloy which prevent saturation and distortion. Lamination 3¼ x ⅞. Diameter of coil 2½ inches.

Push pull input, designed to couple a 227 tube with P.P. 247 tubes

Cat. No. P-436 Our Price **$2.45**

Push pull input, designed to couple a 237 into 2—238 tubes.

Cat. No. P-463. Our Price **$2.50**

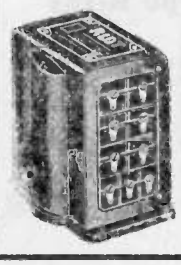
Push pull output for coupling P.P. 238 to a 2 ohm permanent magnetic voice coil.

Cat. No. P-464. Our Price **$2.25**

High quality audio transformer

Cat. No. P-468. Our Price **$2.65**

Jumbo Power Transformer

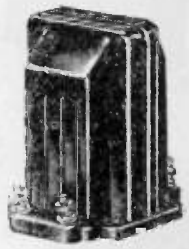


Place this neat crackle finished power transformer in that new power pack you are constructing. Handsome in appearance. Conservatively rated. Leads terminate in solder lug and machine screw.

Rated to supply 330 volts each side of center tap at 65 M.A., 2½ volts at 8 amperes, and 5 volts at 2 amperes. Designed for use on receivers employing up to nine tubes.

Cat. No. P-432. .. Our Price **$5.25**

Amplifying Transformers for 171A Tubes



A line of popular transformers which are bakelite cased. Extremely neat in appearance. Will cover the entire audio range with true fidelity. Under actual test these transformers have been placed in a jar of water for a period of one month, and after being removed had been found to be in perfect condition. We recommend these transformers for all laboratory, and replacement purposes.

Cat. No. P-391. 3½-1 ratio audio transformer. Our Price **$1.35**

Cat. No. P-399. Push-Pull Input Our Price **$1.80**

Cat. No. P-401. Push-Pull Output impedance. Our Price **$1.80**

Heavy Duty Power Pack ABC Supply

Will supply ample power for all types of modern receivers. Assembled in a neat metal case measuring 14½ inches long by 6¼ inches wide and 6 inches high. Rated to deliver 300 volts at 125 M.A., D.C. Tapped for required lower voltages. Filament windings supply 5 volts at 6 amperes, 2½ volts at 12 amperes, 2½ volts at 3.5 amperes and 5 volts at 2 amperes. Output is steady and unusually free from hum or ripple. Conservative rating assures long life and negligible temperature rise.

Cat. No. K-139. Our Price **$24.00**

Amplifying and Headphone Transformers

This transformer was principally developed to answer the requirements for short wave reception. Provide a high amplification factor per stage. Due to their special design static and man-made interference is suppresed to a negligible value—without affecting reproduction. The No. 416 transformer is designed to match the characteristics of the headphones to the plate circuit of the receiver, improving reception and preventing de-magnetization.

Cat. No. P-416. Headphone Transformers. Our Price .. **$1.40**

Cat. No. P-413. 3¼-1 Audio Transformer. Our Price .. **$1.25**

Cat. No. P-413Y. 5-1 Audio Transformer. Our Price .. **$**

62

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

THORDARSON Plate-Filament-Audio Transformers

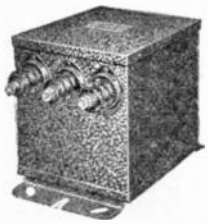


Fig. A

Thordarson, the pioneer manufacturer, is unusually well equipped to produce high quality, accurate designs for every need. Considered by many as "the standard of the industry." Finely built with oversized cores, and plenty of copper wire accurately wound, insures a dependable line which will not overheat or break down under the most severe conditions. Neatly mounted—finished in black enamel.

Fig. B

PLATE SUPPLY TRANSFORMERS

Cat. No.	Primary Voltage	Secondary Voltage	Secondary D.C. Current	Volt-Amperes	Size inches	Our Price	Fig.
PSP1135	115	1500-1100 ct	.080	100	5x5.2x6	$8.23	B
PSP1136	115	2000-3000 ct	.110	300	7.5x5.8x7.5	11.17	B
PSP1137	115	3000-4000 ct	.140	500	5.5x6.8x9.3	14.70	A
PSP1138	115	3000-4000 ct	.250	1000	7x7.3x10	17.64	A
PSP1140	110-220	1050 ct	.150	125	6.1x5.6x6.6	11.76	A
PSP1141	110-220	3740 ct	.250	750	7.1x9x7.1	20.58	A
PSP1142	110-220	3860 ct	.750	2200	10x12x10	49.98	A
PP81143	115	510 D.C.	.200	125	6.3x6.8x10.5	11.76	A
PSP1144	115	1120 ct. 2-Sec. 7.5 ct	.100 2.5	150	4.5x5.3x5.8	5.29	C
PSP1145	115	1230 ct 2-Sec. 7.5 ct	.130 2.5	175	4.5x5.3x5.8	7.05	C
PSP1146	115	1290 ct 2-Sec. 7.5 ct	.170 2.5	210	4.8x6.3x5.8	8.82	C
PSP1147	115	968 ct	.200	90	3.8x4.4x5	4.70	D

Fig. C

Fig. D

MICROPHONE LINE AND AUDIO TRANSFORMERS

Cat. No.	Purpose	Turn Ratio	D.C. Resistance Primary	D.C. Resistance Secondary	Primary Henries @ D.C.	Primary D.C.	Primary A.C.	Sec. Henries	Our Price	Fig.
1122	Single Button Mike to grid	1–64	1.9	3230	0.22	.015	3	900	1.76	A
1123	Double button Mike to grid	1-22	41.0	6700	1.69	*	3	830	2.94	A
1124	Double Button Mike to grid	1–27	15.4	9710	2.11	*	3	1580	4.99	B
1125	Tube to line	3.5–1	538	19.5	16.0	0	8	1.3	5.29	B
1126	Line to grid	1-15	24.4	7745	11.0	0	25	2475	5.29	B
1127	Mixer or Mike to line	1–1	15.6	18.0	6.3	0	3	6.3	5.29	B
1128	Audio Interstage	1–3.2	1324	5217	37.5	.005	25	398	1.76	C
1129	Audio Interstage	1–3	2380	8480	76.0	.005	25	683	2.35	A
1130	Autoformer	1–1.3	1304	2034 total	69.0	.005	25	117 total	1.76	A
1132	Push Pull Input	1–2	1319	3206	57.5	.006	25	230	2.35	A
1133	Push Pull Input	1–3	2320	8980	80.0	.005	25	720	2.69	A
1134	Push Pull Interstage	1–2	4310	10,030	407.0	*	25	1628	4.12	E

* D.C. in primary balances out.

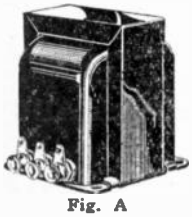


Fig. A

Fig. B

Fig. C

Fig. E

FILAMENT TRANSFORMERS

Cat. No.	Primary Voltage	Secondary Voltage	Volt-Amps.	Insulation	Fig.	Size Inches	Our Price
1111	115	2.5 ct 10 amp.	25	5000	A	3.5x4 x4.5	$4.41
1112	110–220	2.5 ct 10 amp.	25	5000	B	5.1x5.8x4.1	7.06
1113	110–220	5 ct 20 amp.	100	10000	B	6.1x5.6x6.6	8.82
1114	115	12 ct 6.7 amp.	80	2200	C	3.5x4 x4.5	3.53
1115	115	12 ct 14.6 amp.	175	2200	C	4.5x5 x6	5.88
1116	115	7.5 ct 4.7 amp.	35	1600	A	3 x3.3x3.8	3.53
1117	115	5 ct 4 amp.	20	1100	A	2.5x3.3x3.4	2.65
1118	115	15 volts 3 amp.	45	1100	A	3 x3.3x3.8	2.35
1119	115	2.5 volts 3 amp. 2.5 ct 9 amp. 2.5 ct 3.5 amp.	40	1600	E	2.9x2.9x3.5	3.53
1120	115	1.5 volts 3 amp. 2.5 ct 3.5 amp.	15	1100	A	2.5x3 x3.3	2.35

All primaries are for 60 cycle current.

Fig. A

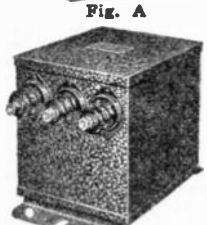


Fig. B

Fig. C

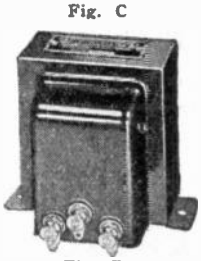


Fig. E

Audio Transformer

An audio coupling transformer made specifically for set manufacturers. It has a very good response over the entire audio frequency band. Adaptable to use in any audio device. Turn Ratio 3 to 1. A universal interstage transformer for service replacement purposes in all types of receivers. Size 1⅛"x2"x2⅛".
Cat. No. AT613.
Our Price $1.03

Replacement Audio Transformer Type R-103

Larger than the R-100—for work requiring best audio response. Response extends well into the low and high registers without response peak. Universal mounting. Size 2¾ x 1⅞ x 2".
Cat. No. 605.
Our Price $1.18

Replacement Audio Transformer —Type R-100

A replacement audio transformer of low cost and unfailing service. Very satisfactory response over entire audio frequency range. Equipped with universal mounting bracket.
Cat. No. AT604.
Our Price $1.03

Everything *from a* Binding Post *to a* Transmitter

SILVER-MARSHALL TRANSFORMERS

There is nothing finer than these Silver-Marshall Transformers. Their exclusive system of building Audio and Power Transformers have become universally recognized as an asset to construction of fine receivers.

347 Power Transformer

Replacement for Silver-Marshall 724 A.C. Fully shielded and mounted, handles 10 tubes, has following windings: 1-2½ v., 12 amps.; 1-2½ v., 3 amps., C.T.; 1.5 v., 2 amps., H.T.; 375 volts C.T. 25 and 60 cycles.
Cat. No. PT4010.
Our Price **$3.20**

360 Power Transforme r

Fully shielded and mounted, handles 7 tubes, has following windings: 1-2½ volts, 12 amperes C.T.; 1.5 volts, 2 amps. Delivers 350 volts through rectifier 110 volt primary. May be used as a Jackson Bell Replacement. Size 4" high, 4⅝" wide, 4" long.
Cat. No. PT4011.
Our Price **$3.10**

10091 Audio Transformer

Exclusive S-M system of building audio transformers has become a universally recognized asset to the construction of fine receivers. Ratio 3½ to 1. May be used for first or second stage.
Cat. No. AT4004.
Our Price **$1.00**

220 Audio Transformer

Provides substantially straight-line amplification from 30 to 5000 cycles. After 5000 cycles the amplification falls off rapidly to discriminate against static, regenerative squeals, and noise level beyond the musical range. Turns ratio 3:1 for both first and second stage operation with any standard tubes.
Cat. No. AT4001.
Our Price **69c**

346 Power Transformer

Fully shielded and mounted, handles 10 tubes, windings as follows: 1-2½ v., 14 a., C.T.; 1.5 v., 2 a., H.T.; 375 v. rectified voltage. Primary 110 v. Size: 4⅝" high, 5⅝" wide, 4" long. 60 and 25 cycles.
Cat. No. PT4009.
Our Price **$3.45**

10120 Power Transformer

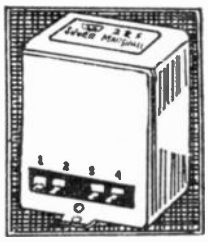
The line of Silver-Marshall power transformers includes models for every receiver need. Their enormous popularity is due, not only to low prices but to generous design and conservative rating. Every one is free from hum; operates at rated loads without overheating. 1144 volts—70 m.a., 2-'81 Rectifier tubes; 7½ volts, 1.25 a.; 2½ volts, 1¾ amps.; 1-'50, 1-'24 tubes. 5" high, 5¼" wide, 3½" long.
Cat. No. PT4005.
Our Price **$4.95**

10121 Output Transformer

A new Universal output choke designed to couple two standard power output tubes in push-pull such as 171A, 245, or 250 type to 15, 30, or 60 ohm loads by means of a four tapped secondary.
Cat. No. OT4006.
Our Price **79c**

10175 Power Transformer

Will handle 8 tubes. Will operate on 25 or 60 cycles and has parallel primaries for 110 v. or 220 v. operation. Size 3½ x 4½ x 5". Windings: 1-2.5 v., 14 a.; 1.5 v., 2 a. H.T. delivers 375 volts through rectifier.
Cat. No. PT4007. Our Price **$3.95**



256 Second Stage Audio Transformer

A companion transformer to type 255 for use between standard first and second stage amplifier to provide a similar curve. Effective transformation ratio 3.5 to 1. An audit amplifier using one 255 and one 256 transformer will give the same amplification at 65 cycles as at 1,000 cycles, a rise between 65 and 3,000 cycles and a flat curve on up to 8,000 cycles or more.
Cat. No. PT-4007A.
Our Price **70c**

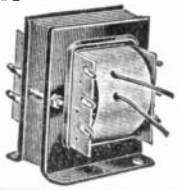
222 Output Transformer

For use between the last power tube and loud speaker, to prevent "blasting" or damage to the speaker from direct current. This transformer possesses the further unique advantage of bringing out absent low notes from inferior amplifiers or improving the tone quality of the best receivers by virtue of the primary windings impedance, being suited to the impedance of a standard speaker. Turns ratio 1:1.89
Cat. No. OT4002.
Our Price **70c**

257 Push Pull Input Transformer

A push-pull input transformer designed to operate between one standard amplifier tube and two voltage or power amplifier tubes of any standard type. Its effective transformation ratio is 1.8 to 1 and its frequency characteristic is flat from 45 to 8,000 cycles when operated out of one standard amplifier tube and feeding into two standard power tubes.
Cat. No. IT4003.
Our Price **69c**

Power Transformer for Heater Tubes and Push-Pull 45's



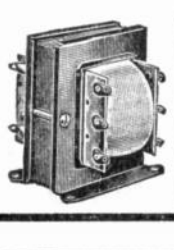
Delivers 730 volts Center Tapped. 60 mills.
5 Volts Center Tapped. 2 amperes.
2.5 volts at 3 amps.
2.5 volts at 9 amps.
Overall dimensions are 3⅞ x 4½ x 4⅝.
Cat. No. 602.
Our Price **$4.20**

Power Transformers for Sub-Panel Mounting for Heater Type Tubes and Push-Pull 245

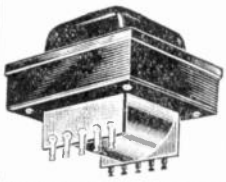
Delivers 750 volts, center tapped. 110 mills.
2½ volts center tapped.
2½ volts center tapped. 9 amps.
2½ volts center tapped. 3 amps.
5 volts at 2 amps.
Overall dimensions 3¼ x 3⅝ x 5⅛.
Cat. No. 603.
Our Price **$3.60**

Power Transformers for 226-171 Tubes

Type T-3381



Delivers 600 volts center tapped. 100 mills.
5 volts at ¼ ampere
1.5 volts at 2 amperes
5 volts Center tapped at 2 amperes
1.5 volts at 3 amperes
2.5 volts at 2 amperes
Overall dimensions 3¼ x 4 x 4.
Cat. No. 601.
Our Price **$3.00**



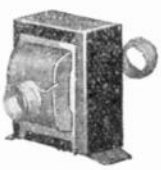
Power Transformers

Thordarson offers three types of different capacities. The transformers bolt directly to the chassis with the terminal lugs protruding below for convenient assembly. A cup shield covers the top of the transformer.

Cat. No.	Type No.	Size	Sec. 1	Sec. 2	Sec. 3	Price
606	T-5002	3⅛x2⅞	2½V. 5a. C.T.	5V. 2a.	670V. C.T. 40 Ma.	$2.10
607	T-4900	3⅛x4	2½V. 8a. C.T.	5V. 2a.	675V. C.T. 70 Ma.	2.40
608	T-5003	3⅛x4	2½v. 12a. C.T.	5V. 2a.	760V. C.T. 80 Ma.	2.70

Input and Output Transformers

Has excellent audio response. It can be used in all conventional push-pull circuits. The overall turn ratio is 3 to 1. Size 1⅞" x 2" x 2⅞" high.



Cat. No. 607-A.
Our Price **$1.20**
No. T-2999

Push Pull Output

Designed to couple a pair of 245 or 171 tubes to the voice coil of a dynamic speaker having an impedance of about 7 ohms. The turn ratio is 33 to 1. Size 1⅞" x 2" x 2⅞" high.

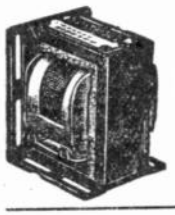
Cat. No. 608-A.
Our Price **$1.05**
No. T-3399

Iron Core Filter Choke

Designed for use by set manufacturers, adaptable to all types of service use. Has an inductance of 19 hanries measured at 25 volts A.C. It has a current carrying capacity of 80 m.a. D.C. Size 2⅝" x 2¼" x 2⅛" high.

Cat. No. 609.
Our price **$1.05**
No. T-4707

Push Pull Output Choke

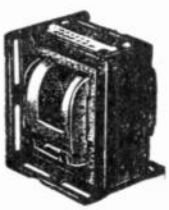


A unit of the highest quality designed to couple '71 or '45 tubes in pushpull to a high impedance speaker or to the coupling transformer of a dynamic speaker.
Size 2⅜"x1⅞"x2".
Cat. No. 611.
Our Price **$1.20**
No. R-102

Replacement Choke

Designed to replace defective or inadequate filter or speaker coupling chokes in circuits where it is not required to carry more than 75 milliamperes of current. Furnished with universal mounting and solder lugs.
Size 2⅜"x1⅞"x2".
Cat. No. 612.
Our Price **$1.05**
No. R-105

Push Pull Input



A high grade pushpull input transformer for service work. Is equipped with universal mounting bracket and convenient soldering lugs for connection. Suitable for use with all standard power tubes.
Size 2⅜"x1⅞"x2".
Cat. No. 610.
Our Price **$1.35**
No. R-101

Kenyon All Purpose Amplifier Components

Fig. 1C

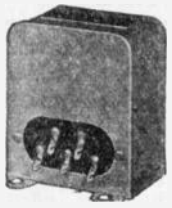


Fig. 2C

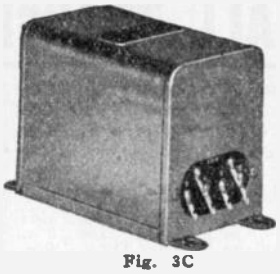


Fig. 3C

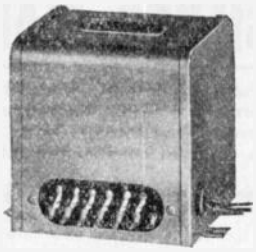


Fig. 1LC

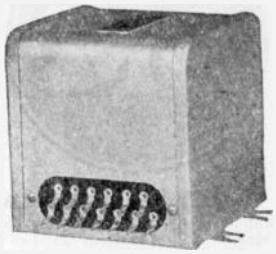


Fig. 2LC

The items described below represent the finest materials obtainable in medium priced amplifier equipment. These components are particularly suited for use in amplification equipment and radio receivers.

Refinements in design and controlled production result in a unit which is unapproachable for overall quality in material of this price range. A uniformity of physical appearances has been maintained in the construction of these units. This tends to simplify the layout of a neatly balanced piece of equipment. The cases have a special silver finish which adds to the professional appearance of an amplifier on an aluminum or cadmium plated base.

INPUT TRANSFORMERS CLASS A

B-31—Mounting 1C
Input transformer from 1 plate to 1 grid. 3:1 ratio. Price **$2.70**

B-12—Mounting 1C
Input transformer from 1 plate to 2 grids in push-pull. 2:1 ratio. Price **$3.00**

BLG*—Mounting 1C
Input transformer from universal line to one grid. Price **$3.30**

BPR—Mounting 1C
Input transformer, two windings on primary, one for a detector plate or high impedance pickup to one grid, another for a double button mike or low impedance pickup to one grid. Price **$3.30**

B-22—Mounting 2C
Two plates to two grids. 1.75 to 1 ratio on each side. Price **$3.60**

MIXING MATCHING TRANSFORMERS

BLL*—Mounting 1C
Mixing transformer from a universal line to a universal line. Price **$3.30**

B-500-L—Mounting 2C
Audio line matching transformer. Will handle up to 20 watts. Input 500 ohms. Output 4 ohms, 8 ohms, 15 ohms. Price **$4.80**

OUTPUT TRANSFORMERS CLASS A

BPL*—Mounting 1C
Output transformer from a detector plate to a universal line. Price **$3.30**

B-2450—Mounting 2C
Output transformer from push-pull 245 plates to a 500 ohm line and 15 ohm line, tapped at 8 ohms, and 4 ohms. Price **$3.30**

B-2250—Mounting 2C
Output transformer from push-pull 250 or triple twin plates to a 500 ohm line and a 15 ohm line, tapped at 8 ohms and 4 ohms. Price **$3.90**

B-1250—Mounting 2C
Output transformer from a single 250, 245 or triple twin plate to 15 ohms tapped for 8 ohms and 4 ohms. Price .. **$3.30**

B-2470—Mounting 2C
Output transformer from 247 to a 15 ohm voice coil, tapped at 8 ohms and 4 ohms. Price **$3.00**

BP-247—Mounting 2C
Output transformer from push-pull 347's to a 500 ohm line and a 15 ohm line tapped at 8 ohms and 4 ohms. Price **$3.30**

B2480—Mounting 2C
Output transformer from push-pull 48 plates to a 500 ohm line and a 15 ohm line, tapped at 8 ohms and 4 ohms. Price **$3.90**

Bp-380—Mounting 2C
Output transformer from push-pull 38's to a 15 ohm line tapped at 8 ohms and 4 ohms. Price **$3.60**

INPUT TRANSFORMERS CLASS "B"—CLASS "A" PRIME

B791—Mounting 1C
Driver input transformer from single 79 or 19 plate to two 79 or two 19 grids in Class B amplification. Price .. **$3.60**

B451—Mounting 2C
Driver transformer from a single 245 or 250 plate to two 245 or 250 grids in Class A Prime amplification. Price.... **$3.60**

B891—Mounting 1C
Driver input transformer from a single 89 plate to two 89 grids in Class B amplification. Price **$3.60**

B461—Mounting 2C
Driver input transformer from a single 46 plate to two 46 grids in Class B amplification. Price **$3.60**

B591—Mounting 2C
Driver input transformer from a single 59 plate to two 59 grids in Class B amplification. Price **$3.60**

BM1—Mounting 2C
Driver input transformer from push-pull 245 plates to two 210 grids in Class B amplification. Price **$3.60**

BC1—Mounting 2C
Driver input transformer from push-pull 250 plates to two 203A grids in Class B amplification. Price **$4.50**

OUTPUT TRANSFORMERS CLASS "B"—CLASS "A" PRIME

B450—Mounting 3C
A prime output transformer from two 245 or two 250 plates to a 500 ohm line and a 15 ohm line tapped at 8 ohms and 4 ohms. Price **$4.50**

B790—Mounting 1C
Class "B" output transformer from push-push 79 or 19 plates to a 15 ohm line tapped at 8 ohms and 4 ohms. Price **$3.60**

B590—Mounting 3C
Class "B" output transformer from push-push 59 plates to a 500 ohm line and a 15 ohm line, tapped at 8 ohms and 4 ohms. Price **$3.60**

B890—Mounting 1C
Class "B" output transformer from push-push 89 plates to a 15 ohm line, tapped at 8 ohms and 4 ohms. Price ... **$3.60**

B460—Mounting 3C
Class "B" output transformer from push-push 46 plates to a 500 ohm line and a 15 ohm line tapped at 8 ohms and 4 ohms. Price **$3.60**

B46RF—Mounting 3C
Class "B" output transformer from push-push 46 plates to R.F. modulator. Secondary winding 4,000 ohms. .Price **$3.90**

B59RF—Mounting 3C
Class "B" output transformer from push-push 59 plates to R.F. modulator. High impedance secondary. Price **$3.90**

BMO—Mounting 3C
Class "B" transformer from push-push 210 plates to R.F. modulator. High impedance secondary. Price **$4.50**

B-203RF—Mounting 1LC
Class "B" output transformer from push-push 203A plates to a high impedance load. Price **$9.00**

POWER TRANSFORMERS

B-79PT—Mounting 3C
Class "B" plate and filament supply transformer for a push-push 79 amplifier and tuner. Primary 115 volts A.C. 60 cycles. Secondaries: 280-280 at 75 M.A., 2½ volt C.T. for 82 rectifier. 6.3 volts C.T. for 79, 89 and 37 filaments. Price **$4.20**

B-46PT—Mounting 2LC
Class "B" plate and filament supply transformer for a push-push 46 amplifier and tuner. Primary 115 A.C. 60 cycles. Secondaries: 570-0-570 at 150 M.A., 2½ volts C.T. at 3 amps., 2½ volt C.T. at 10 amps. Price **$6.00**

B-59PT—Mounting 2LC
Class "B" plate and filament supply transformer for a push-push 59 amplifier and tuner. Primary 115 volts A.C. 60 cycles. Secondaries: 570-0-570 at 165 M.A., 2½ V. C.T. for two 59 filaments. 5 Volts, 3 amps for 83 rectifier, 2½ volts C.T. at 10 amps. for amplifier or tuner. Price..... **$7.20**

B-245PT—Mounting 1LC
Plate and filament supply transformer for a push-pull 245 or 247 amplifier or tuner. Primary 115 volts 60 cycle A.C. Secondaries: 375-0-375 at 100 M.A., 5 volts at 2 amps, 2½ volts C.T. at 3 amps. 2½ volts C.T. at 10 amps. Price **$4.50**

B-250PT—Mounting 2LC
Plate and filament supply transformer for a push-pull 250 amplifier and tuner. Pri. 115 volts A.C. 60 cycles. Secondaries 600-0-600 at 150 M.A., two 7½ volts C.T. 3 amp windings, one 2½ volt 10 amp., winding. Price **$6.00**

FILAMENT TRANSFORMERS

B2—5FT—Mounting 2C
Filament transformer. Secondary 2½ volts C.T. 10 amps. 2000 volt insulation. Price **$3.00**

B7-5FT—Mounting 2C
Filament transformer. Secondary 7.5 volts C.T. at 3 amps. 2000 volt insulation. Price **$3.00**

B-5FT
Filament transformer. Secondary 5 volts C.T. at 4 amps. 2000 volt insulation. Price **$3.00**

FILTER REACTORS

BC-100—Mounting 3C
Filter choke 10 heneries. Max. D.C. 200 M.A. D.C. resistance 100 ohms. Price **$2.40**

BC-110—Mounting 3C
Class B input filter choke. D.C. resistance 100 ohms. Price **$2.40**

BC-210—Mounting 2C
Filter choke 15 heneries, Max. D.C. 150 M.A. D.C. resistance 210 ohms. Price **$2.40**

BC-350—Mounting 2C
Filter choke 30 Heneries. Max. D.C. 90 M.A. D.C. resistance 350 ohms. Price **$2.10**

* The Kenyon Universal line makes possible a variety of desirable impedance arrangements. By a new method of coil design the effective impedance values are maintained throughout the useful audio range.

Terminations on the Universal line are available for a 50 ohm line to a dynamic microphone or to parallel single button microphone—a 200 ohm or a 500 ohm line for a double button microphone and low impedance pick-ups:—other combinations are a 200 ohm line and a 500 ohm line simultaneously used, three 200 ohm lines simultaneously used, or three 500 ohm lines simultaneously used.

New All Purpose Amplifier Components

BRG—Ribbon mike to grid of tube. Price.. **$3.53**

B-2A30—P.P. 2A3 plates to 4000, 2000, 500, 15, 8, and 4 ohms. Price..... **$3.72**

B2A3PT—Plate and fil. trans. for 2A3 tubes. Sec. 375-0-375 at 115 M.A., 5 v.-3A., 2½ v. C.T. at 10 A., 6.3 v. C.T. at 2.5 A. Price **$4.70**

B53PT—Class B plate and fil. trans. for 53 tube. Sec. 420-0-420 at 100 M.A., 5 v.-3 A., 2½ v. C.T. for 53 filament, 2½ v. C.T. at 7 amps. Price **$4.41**

B531—Driver input from 59 plate to 2-53 grids in Class B. Price **$3.53**

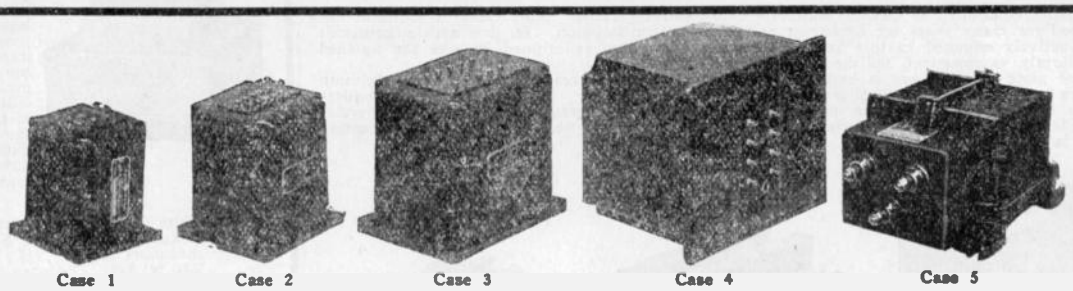
B530—Class B output from P.P. 53 plates to 500, 15, 8, and 4 ohms. Price.... **$3.53**

B-53RF—Class B output from P.P. 53 plates to 7500, 4000 and 2500 ohms. Price **$3.72**

Prompt Service-Shipments within 24 Hours

Kenyon Laboratory Standard Audio Components

ONLY THE FINEST MATERIALS AVAILABLE ARE USED IN THE CONSTRUCTION OF KENYON PRODUCTS



Case 1 Case 2 Case 3 Case 4 Case 5

KENYON TRANSFORMER COMPANY MANUFACTURES THE MOST COMPLETE LINE OF TRANSFORMERS

The ideal transformer possesses four important characteristics: high efficiency—uniform response—low wave form distortion—reliability. All these points are inherent in Kenyon Laboratory Standard units—plus a fifth minimum inductive and electrostatic pickup. This fifth detail is of particular importance in modern A.C. operated audio equipment where there are large electrostatic potentials and strong magnetic fields tending to be amplified to high output hum levels. High permeability cast iron housings have been developed which through proper dynamic symmetry practically eliminate all electromagnetic pickup from stray fields. Electrostatic shielding is incorporated in the coil structure.

Kenyon hyperloy core materials and engineered coil construction combine to produce audio units having an extremely flat frequency characteristic.
Universal and special windings have been incorporated in a large number of the Laboratory Standard Components. Data on the impedance combination available are furnished with each transformer.

INPUT TRANSFORMERS

KLG—Case 1
Input to grid: Carbon or dynamic microphone or low impedance pick-up to one grid. Primary designed for multiple line connections. Terminations available are 50, 125, 200, 250, 333, and 500 ohms. Secondary impedance 120,000 ohms. Price... **$9.00**

KL-2G—Case 1
Input to grid: Carbon or dynamic microphone or low impedance pick-up to 2 grids. Primary designed for multiple line connections. Terminations available are 50, 125, 200, 250, 333, and 500 ohms. Secondary in 2 sections; impedance 60,000 ohms each side of center. Price **$12.00**

KL-845-2G—Case 2
Input to grid: Primary designed for multiple line connections. Terminations available are 50, 125, 200, 250, 333, and 500 ohms, into 2 50 watt grids at a plus 20 level. Price..... **$12.00**

COUPLING TRANSFORMERS

KA-11—Case 1
Cascade, single plate with single grid. Turn ratio 1:1. Limit 5 M.A. D.C..... **$6.00**

KA-31—Case 1
Cascade single plate to grid. Turn ratio 3:1. Limit 5 M.A. D.C. Price **$4.80**

KA-12—Case 1
Input, 1 plate to 2 grids. Turn ratio 2½:1 each side of center. Limit 8 M.A., D.C. Secondary in 2 sections. **$7.20**

KA-22—Case 2
Input, 2 plates to 2 grids. Turn ratio 1.8:1 each side of center. Primary and secondary each in two sections. Limit unbalanced primary current 4M.A., D.C. Price **$12.00**

KSG-23—Case 2
Input, 2 screen grid plates to 2 grids. Turn ratio 1:1. Limit unbalanced. Price **$12.00**

KPLG—Case 2
Single plate and 500 ohm line to 1 or 2 grids. Primary in two sections. One winding will match the plate of tubes like the 201A, 112A, 230, 231, 226, 227, 237, 56, 55 and 85. Second section designed for a double button microphone or a low impedance pickup. Secondary in two sections. Price **$12.00**

KPUG—Case 1
Input, high or low impedance pick-ups to single grid. Primary 4,000 ohms tapped at 2,000, 1,000 and 500 ohms. Price **$9.00**

MIXING TRANSFORMERS

KALL—Case 1
Input, two-button carbon microphone, moving coil microphone or low impedance pickup to a multiple line. (50, 125, 200, 250, 333 and 500 ohms.) Price **$9.00**

KLM-200—Case 1
Input, 1 or more moving coil microphones or low impedance pickups in parallel to a multiple line. (50, 125, 200, 250, 333 and 500 ohms.) Primary 30 ohms tapped for 25, 15 or 10 ohms. Price **$9.00**

KMF—Case 1
Dual filter unit, designed to minimize cross talk and packing in carbon microphone circuits. Price **$9.00**

OUTPUT TRANSFORMERS

KDL—Case 1
Output: Will match the plate of tubes like the 201A, 112A, 230, 231, 226, 227, 237, 55 and 85. Secondary designed for multiple line connections. Works at 0 level. Price **$9.00**

K-2DL—Case 1
Output: Primary will match push-pull plates of tubes like 201A, 112A, 230, 231, 226, 227, 237, 56, 55 and 85. Secondary designed for multiple * line connections. Price **$9.00**

KPPMD—Case 2
Two 250, two 245 or two triple twin plates to a high impedance line and a low impedance line. High impedance line designed for 4,000 ohms or 1,000 ohms. Low impedance line designed for 15 ohms tapped at 7½, 4½, 3, and 1.3 ohms. Price **$9.00**

KPPD—Case 2
Two 250, two 245 or two triple twin plates to a tapped voice coil line.** Price..... **$7.20**

KPP-500—Case 2
Two 250, two 245 or two triple twin plates to a multiple * line and a TAPPED VOICE COIL LINE. Price **$12.00**

KPP-845—Case 4
Two 845 plates to a Multiple * line and a TAPPED VOICE COIL LINE.** Price **$21.00**

KLS-15—Case 3
15 watt audio line matching transformer. Input designed for 200, 500, 2,000, or 4,000 ohm line. Output tapped for 2, 3½, 5, 7½, 15, 30, 45, or 60 ohm line. Price **$12.00**

KLL-50—Case 3
50 watt audio line matching transformer. Input designed for multiple * line connections, namely 50, 125, 200, 250, 333, and 500 ohms. Output designed for multiple * and tapped Voice Coil** connections, namely, 500, 333, 250, 200, 125, 50, 15, 7.5, 4.5, 3, and 1.3 ohms. Price **$18.00**

MATCHING TRANSFORMERS CLASS "B" INPUT TRANSFORMER

KB-46-0—Case 2
Two 46 plates in Class B amplification to a multiple * line and a tapped Voice Coil Line.** Price **$13.20**

KB-59-0—Case 2
Two 59 plates in a Class B amplification to a Multiple * line and a Tapped Voice Coil Line.** Price **$13.20**

KB-46RF—Case 3
Two 46 tubes in Class B amplification to modulate two 210, or one 203A, or two 203A, or two 852, or to a broadcast line. Specify tubes to be matched, or secondary impedance desired. Price **$18.00**

KB-59RF—Case 3
Two 59 tubes in Class B amplification to modulate two 210's, or one 203A, or two 203A's, or two 52's or to a broadcast line. Specify tubes to be matched or secondary impedance desired. Price **$18.00**

KB-203A—Case 5
Two 203A's in Class B amplification to modulate one 203A, or two 203A's, or two 852's, or to a broadcast line. Specify tubes to be matched or secondary impedance desired. Primary and secondary leads terminate in porcelain bushings. Price **$30.00**

REACTORS

KC-40-60—Case 2
Tapped filter choke. 40 henry, 60 M.A. D.C. resistance 625 ohms. Price..... **$4.20**

KC-15-120—Case 2
Tapped filter choke. 15 henry, 120 M.A. D.C. resistance 210 ohms. Price **$4.20**

KC-20-200—Case 4
Tapped filter choke. 20 henry, 200 M.A. D.C. resistance 120 ohms. Price **$10.80**

KTC-15-180—Case 3
Tapped filter choke. 15 henry, 180 M.A. D.C. resistance 100 ohms. Price **$6.00**

KC-12-200—Case 3
Saturated filter choke for Class B amplification. 12 henrys, 200 M.A. D.C. resistance 97 ohms. Price **$6.00**

KC-300-5—Case 1
Audio filter and parallel feed choke. 300 Henrys, 3 M.A. D.C. resistance 6,000 ohms. Price **$4.80**

KC-700-5—Case 2
Audio filter and parallel feed choke. 700 henrys, 5 M.A. D.C. resistance 3,200 ohms. Price **$12.00**

FILAMENT TRANSFORMERS SECONDARY WINDINGS CENTER TAPPED

KFT-2.5—Case 2
Filament transformer for 2½ volt A.C. tubes. Primary 110 volts, 60 cycle A.C. Secondary 2½ volts, 14 amps. 2,000 volt insulation. Price **$3.60**

KFT-66—Case 3
Filament transformer for 66 mercury vapor rectifier tubes. Primary tapped for 100, 110, 115, 125 volts, 60 cycle A.C. Secondary 2½ volts, 10 amps. 12,000 volt insulation. Price **$9.00**

KFT-72—Case 4
Filament transformer for 872 mercury vapor rectifier tubes. Primary tapped for 100, 110, 115, 125 volts, 60 cycle A.C. Secondary 5 volts, 20 amps. 12,000 volt insulation. Price .. **$13.20**

KFT-66-45—Case 4
Filament transformer for 866 and 50 watt power tubes. Primary tapped for 100, 110, 115, 125 volts, 60 cycle A.C. Secondary 2½ volts, 10 amps., 10 volts, 7 amps. 10,000 volt insulation. Price **$15.00**

PLATE TRANSFORMERS

KTPT—Case 3
Tuner power transformer. Primary 110 volts, 60 cycle A.C. Secondary 250 volts each side of center at 50 M.A. One 5 volt, 2 amp. winding for 280 rectifier. Price **$9.00**

KPT-245—Case 3
Primary tapped for 100, 110, 115, and 125 volts, 60 cycle A.C. Secondary 375 volts each side of center at 125 M.A. 2½ volts C.T. 14 amp. winding for tuner or amplifier. 2½ volt C.T. winding for two 245's or two 247's. Price **$12.00**

KPT-46—Case 4
Plate transformer for Class B operation with 46 or 59 tubes. Primary tapped for 100, 110, 115 and 125 volts, 60 cycle A.C. Secondaries: 590 volts each side of center at 200 M.A. 5 volts C.T. 3 amps., for full wave 83 rectifier. 2½ volts C.T. for power tubes in Class B. 2½ volts center tapped, 14 amps. for tuner or amplifier. Price **$13.20**

KPT-250—Case 4
Primary tapped for 100, 110, 115, 125 volts, 60 cycle A.C. Secondaries: 600 volts each side of center, 175 M.A. One 7½ volt C.T. 3 amp. winding for 2—281 rectifiers. Two 7½ volt C.T. windings for filaments of each 250. One 2½ volt center tapped 14 amp. winding for tuner. Price **$15.00**

* The Kenyon MULTIPLE line makes possible a variety of desirable impedance arrangements. By a new method of coil design the effective frequency discrimination has been maintained practically identical through all impedance values. The terminations available are: 50, 125, 200, 250, 333, and 500 ohms.

** The Kenyon TAPPED VOICE COIL line is a terminal arrangement designed to take care of one or a number of voice coil lines. Various impedances can be obtained with a negligible difference in frequency discrimination. The impedances available are 1.3, 3, 4.5, 7.5, and 15 ohms.

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

KENYON TRANSMITTING EQUIPMENT

Kenyon transmitting equipment is quality material—conservatively rated. This class of material has been manufactured for many years for broadcast and amateur transmission. In line with suggestions from specialists actively engaged in this field, these units have been redesigned to give the finished apparatus a uniformly symmetrical, polished, professional appearance.
The regulation of plate transformers is better than 5%, and the D.C. resistance of both modulation and filter reactors is kept as low as possible consistent with good design. Although standard products only are listed, the scope of manufacture on this type of equipment covers practically all commercial requirements. Plate and filament transformers can be furnished up to 66,000 volts. Filter reactors can be supplied in all types.

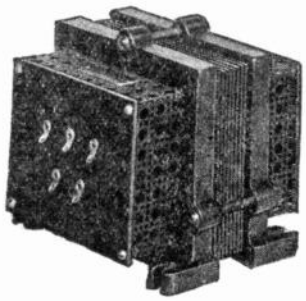
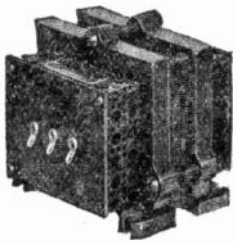
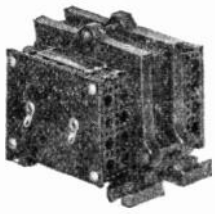


Plate Transformer



Filament Transformer



Choke

Plate Transformers

Type		
KPTA	750 v. e.s.—165A 2—7½ V.— 3 A. windings 1—2½ V.—10 A. winding	$ 8.40
KPTB	1000/1500 V. e.s.—.200 A.	12.00
KPTC	1500/2000 V. e.s.—.250 A.	18.00
KPTD	2000/3000 V. e.s.—.350 A.	38.40

Filament Transformers

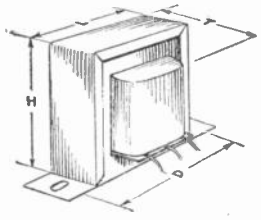
Type		
KF-83	5 V.— 6 A. C.T. 3,000 V.	$ 5.40
KF-250	5 V.— 6 A. C.T. 7.5 V.— 2.5 A. C.T. 3,000 V. 7.5 V.— 2.5 A. C.T. 7.5 V.— 2.5 A. C.T.	6.00
KF-860	2½ V.—10 A. C.T. 10,000 V.	3.60
KF-872	5 V.—20 A. C.T. 10,000 V.	7.20
KF-217	10 V.— 7 A. C.T. 10,000 V.	7.20
KF-845	10 V.— 7 A. C.T. 5,000 V.	6.00
KF-204	11 V.— 8 A. C.T. 5,000 V.	6.00
KF-212	14 V.—12 A. C.T. 5,000 V.	8.40
KF-849	11 V.—10 A. C.T. 10,000 V.	8.40
KF-851	11 V.—31 A. C.T. 10,000 V.	15.00

Filter & Modulation Chokes

Type		
KFRA	10 Hy. 200 M.A. 220 ohms	$ 5.40
KFRB	20 Hy. 200 M.A. 240 ohms	8.40
KFRC	30 Hy. 200 M.A. 190 ohms	12.00
KFRD	8 Hy. 300 M.A. 200 ohms	6.00
KFRE	15 Hy. 300 M.A. 230 ohms	9.00
KFRF	25 Hy. 300 M.A. 180 ohms	13.50
KFRG	30 Hy. 500 M.A. 120 ohms	18.00
KMRA	30 Hy. 150 M.A.	9.00
KMRB	30 Hy. 250 M.A.	18.00
KMRC	50 Hy. 350 M.A.	30.00

NOTE: Primaries on filament and plate transformers are for 115 volts A.C., 50/60 cycles. Primaries of 220 volts A.C. for 50/60 cycles operation, or for 25 cycles operation can be furnished on request. Prices on application.

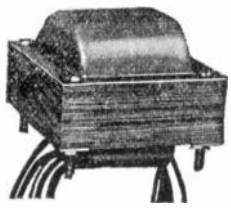
Kenyon Replacement Audio Transformers, Chokes, Filament and Power Transformers



The components listed below are widely used by leading radio receiver manufacturers and enterprising servicemen. Size has been kept to a minimum for replacement work and compact requirements. All items are individually boxed in handsome containers.

General Description	Our Price
KA-114—Input Transformer, 1 plate to 1 grid, 4:1 ratio	$.78
KA-115—Input Transformer, 1 plate to 2 grids, 2:1 ratio	.81
KR-119—Same as KA-114, for upright mounting, takes up less chassis space	.78
KR-115—Same as KA-115, for upright mounting, takes up less chassis space	.81
KA-116—Input Transformer, 1 plate to 2 grids, 2:1 ratio	.84
KA-34 —Same as KA-114, has better low frequency response	.93
KO-471—Single 47 plate to voice coil	.98
KO-472—Push-Pull 47 plates to voice coil	.98
KC-350—Filter Choke, 30 Henry, 75 M.A., resistance 350 ohms D.C.	.99
KA-35 —Same as KA-115, has better low frequency response	$.96
KA-36 —Same as KA-116, has better low frequency response	.99
KA-23 —Push-Pull plates to push-pull grids, 1¼ to 1 ratio	1.02
KPG —High Impedance Pickup to 1 grid	1.02
KSMG —Single button microphone to 1 grid	1.02
KMG —Double button microphone to 1 grid	1.02
KO-451—Single 45 plate to voice coil	.78
KO-452—Push-Pull 45 plates to voice coil	.78
KC-200—Filter Choke, 20 Henry, 50 M.A., Resistance 200 ohms D.C.	.57
KC-800—Filter Choke, 30 Henry, 25 M.A., Resistance 800 ohms D.C.	.57

Standard Power Transformers



Kenyon flush type power transformers are now in use in more than a million radio sets. All transformer coils are vacuum impregnated to prevent burnouts from adverse moisture effects. To facilitate easy and quick identification of all leads the transformer voltage data is stamped on the outside coil layer of each unit.

Type

K-40—Plate and filament transformer for 4 tube midget sets in type S mounting. Base dimensions 3⅛ x 2⅛; mounting dimensions 2¼ x 2⅛. Primary 115 V., 50-60 cycles. Secondaries 650 volts at 40 M.A. D. C.; 5 volts at 2 amps. 2½ volts C.T. at 5½ amps. Electrostatic shield and 2½ V. C.T. grounded. Price..... **95c**

K-54—Plate and filament transformer for 4 and 5 tube midget sets, in type S mounting. Base dimensions 3⅛ x 2⅛; mounting dimensions 2¼ x 2⅛. Primary 115 V., 50-60 cycles. Secondaries 670 volts C.T., 50 M.A. D.C.; 5 volts at 2 amps. 2½ volts C.T. at 7 amps. Electrostatic shield and 2½ V. C.T. grounded. Price.. **$1.20**

K-67—Plate and filament transformer for 6 and 7 tube receivers. Base and mounting dimensions same as K-56. Primary 115 volts, 50-60 cycles. Secondaries: 700 volts C.T. 75 M.A. D.C., 5 volts at 2 amps. 2½ volts 9 amps. Electrostatic shield grounded. Price..... **$1.50**

K-67X—Same as K-67 with extra 2½ volt winding. Price..... **$1.65**

K-87—Plate and filament transformer for 7-8 tube receivers. Base and mounting dimensions same as K-56. Primary 115 volts, 50-60 cycles. Secondaries: 650 volts C.T.—100 M.A. D.C., 5 volts at 2 amps. 2½ volts at 12 amps. Electrostatic shield grounded. Price **$1.80**

K-87X—Same as K-87 with extra 2½ volt winding. Price..... **$1.95**

K-90—Plate and filament transformer for 9 and 10 tube receivers and power amplifiers. Base and mounting dimensions same as K-56. Primary 115 volts, 50-60 cycles. Secondaries: 750 volts C.T.—100 M.A. D.C., 5 volts at 2 amps. 2½ volts C.T. at 4 amps. 2½ volts C.T. at 12 amps. Electrostatic shield grounding. Price **$2.10**

Note: Flush type units are available either with lug or lead terminations.

Power and Filament Transformers

Type No.	Description	H"	L"	T"	D"	Our Price
K-10	Filament Transformer, 2½ volts at 10 amps. C.T. Primary 110 v., 60 cycle, A.C.	2¼	2¾	1⅞	3⅛	$.90
K-6	Filament Transformer, 2½ volts at 6 amps. C.T. Primary 110 v., 60 cycle, A.C.	1⅛	2 1/16	1½	2¾	.75
KPB	"B" Eliminator Power Transformer, 500 v. C.T. at 50 m.a. and 5 v. at 2 amps. C.T. Primary 110 v., 60 cycle, A.C.	2¼	2¾	2½	3⅛	1.32

Filter Chokes

Type No.	Description	H"	L"	T"	D"	Our Price
KC-200	20 Henrys. 50 m.a. D.C. resistance 200 ohms.	1⅛	2 1/16	1½	2¾	$.78
KC-350	30 Henrys. 90 m.a. D.C. resistance 350 ohms.	2¼	2¾	2½	3⅛	1.35
KC-40	.1 Henry. 250 m.a. D.C. resistance 40 ohms.	2 1/16	3	2¾	3⅛	1.20

We Guarantee to MEET or BEAT competition

Kenyon--Universal Replacement Power Transformers

The Kenyon Transformer Company as one of the foremost suppliers of transformers for radio manufacturers, is particularly suited as a source of supply for replacement transformers. Due to superior design, pretested materials and controlled production, the transformers described herein can be depended upon to stand up in service.

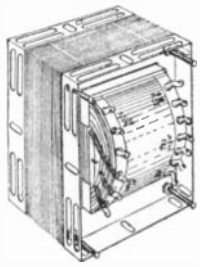


Fig. 45

The chart below indicates the great number of receivers in which these transformers can be installed with a minimum of improvisation. The mounting bracket used on Kenyon transformers is an exclusive development as illustrated. Any mounting dimension between the limits given below can be obtained, and the items can be mounted flat without alteration. The transformer voltage data is marked at the lugs so that the possibility of improper connections is eliminated. An insulating cover slips into the side of the transformer after installation. It covers up all live contacts so that the set owner cannot touch them. At the same time this gives the unit a completely enclosed, finished appearance.

Advance Electric Co.
American Bosch
F. A. D. Andrea
Atchison Radio Co.
Audiola
Automatic Radio Co.
Nathaniel Baldwin, Inc.
Carteret Radio Lab.
Crosley Radio Co.
Dewald
Echophone Radio Mfg. Co.
Emerson
General Electric
General Motors
Gilbert, R. W.
Gray & Danielson
Halson
Hyatt Elec. Corp.
Jackson Bell Co.
Jewell Mfg. Co.
Keller-Fuller
Lang
National Trans. Co.
Patterson Radio Corp.
Philco
Pierce Airo, Inc.
Pilot
Plymouth Radio Corp.
Premier Elec. Co.
Premier Radio Co.
Remler
Republic Radio Co.
Simplex Radio Co.
Sparks Withington
Steinite Mfg. Co.
Transformer Corp.
Trav-ler Mfg. Co.
U. S. Radio and Television
Waltham Radio Corp.
Zaney Gill Corp.
Zenith

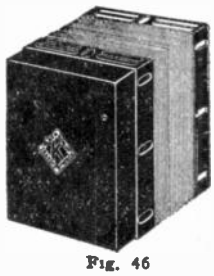


Fig. 46

Type Number	Primary	Hi. V. Secondary	Low V. Secondaries	Overall Dim.	Mounting Dim. (Small Side)	Mounting Dim. (Large Side)	Price
TYPE KR-1	115 volts 50/60 cycles	700 v. C.T., 125 M.A.	5 Volts 2 Amp. 2.5 V. C.T. 3 Amp. 2.5 v. C.T. 10½ Amp.	3¾x4⅝x3⅜	1⅞ to 2⅞x1⅜ to 2⅞	1⅞ to 2⅞x1⅞ to 3¾	**$2.40**
TYPE KR-2	115 volts 50/60 cycles	700 v. C.T., 85 M.A.	5 Volts 2 Amp. 1.5 Volts 4.2 Amp. 2.5 V. C.T. 1.75 Amp. 5 V. C.T. 1.5 Amp.	3⅛x3¾x2⅞	1⅞ to 2⅞x¾ to 2⅝	1⅞ to 2⅞x1⅜ to 3⅞	**$1.80**
TYPE KR-3	115 volts 50/60 cycles	580 v. C.T., 85 M.A.	5 Volts 2 Amp. 2.5 V. C.T. 1.5 Amp. 2.5 V. C.T. 8.5 Amp.	3⅛x3¾x2⅞	1⅞ to 2⅞x¾ to 2⅝	1⅞ to 2⅞x1⅜ to 3⅞	**$1.80**
TYPE KR-4	115 volts 50/60 cycles	580 v. C.T., 85 M.A.	5 Volts 2 Amp. 2.5 V. C.T. 1.5 Amp. 2.5 V. C.T. 7.5 Amp. 5.0 V. C.T. 1.5 Amp.	3⅛x3¾x2⅞	1⅞ to 2⅞x¾ to 2⅝	1⅞ to 2⅞x1⅜ to 3⅞	**$1.80**
TYPE KR-5	115 volts 50/60 cycles	1100 v. C.T., 150 M.A.	7.5 V. 2½ Amp. 7.5 V. C.T. 2½ Amp. 2.5 V. C.T. 10 Amp. 1.5 V. C.T. 6.3 Amp.	3¾x4⅝x4⅜	2⅞ to 3⅞x1⅜ to 2⅞	2⅞ to 3⅞x1⅞ to 3¾	**$3.90**

Chart Indicating Replacements for Standard Radio Sets

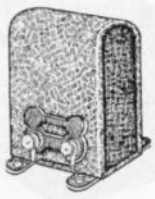
Manufacturers	Model No.	Trans. No.
American Bosch Corp.	48, 58, 60	KR-1
"	28	KR-2
"	29	KR-5
Amrad Corporation	A. C. 6, A. C. 6C, A. C. 7	KR-2
"	81	KR-1
"	70	KR-5
Apex	36, 37, 50, 60, 80	KR-2
"	29, 31, 32, 41, 42, 46, 47, 48	KR-1
Atwater Kent	36, 37, 38, 40, 42, 43, 44, 45, 52, 56	KR-2
"	35, 35C, 35F, 60, 60C, H-1, H-2, L-1	KR-1
"	L-2, F. P.	KR-1
"	66	KR-5
Brandes Kolster	6F, J, K, L, R, K20, 21, 22, 23	KR-2
"	25, 27, 37, 42, 7 A. C.	KR-2
"	B-10, 15, 16	KR-4
"	K43, 80, 82, 90, 92, 930	KR-1
"	K24, K45	KR-5
Bremer Tully Mfg. Co.	6-40, 6-42, 7-70, 7-71	KR-2
Brunswick Radio Corp.	2KRO, 3KRO, 3KR6, 5KR, 5KRO	KR-2
"	5KR6, PR-17-18, R-1	KR-2
"	3NC8, 5NC8, 5NO	KR-4
"	3NW8	KR-5
"	14, 15, 21, 22, 31, 81, 82, S-81, S-82	KR-1
Colonial Radio Corp.	31 A. C.	KR-2
"	32 A. C., 33 A. C., 34 A. C., 35 A. C.	KR-1
"	36, 36P, 37, 37P, 38 A. C., 44, 47, 48	KR-1
Columbia Phono Co.	C-1, C-2, C-3, C-4, 930	KR-2
"	SG-8	KR-1
"	C-5, 902, 930, 931, 950, 961, 980	**KR-5**
Crosley Radio Corp.	104, 105, 106, 602, 608, 609, 610, 704	**KR-2**
"	704A, 704B, 706	KR-2
"	41, 41A, 42, 804	KR-4
"	53, 54, 57, 58	KR-3
"	30S, 31S, 33S, 34S, 40S, 41S, 42S	KR-1
"	45S, 63, 82S, 77-1, 120	KR-1
Everendy	1, 2, 3	KR-2
"	30	KR-4
"	40, 50	KR-1
Erla	R-1	KR-5
"	224 A. C., 224B, 225, 230, 245	KR-1
F. A. D. Andrea, Inc.	10, 11, 16, 17, 20, 30, 31, 32, 50-E-180	KR-4
"	50E-180Z, 70E-180, 70E-180Z, 72E-180	KR-4
"	72E-180Z, RP62UA, RP62CA, RP65UA	KR-4
"	RP65CA, 262UA, 265UA, 262CA	KR-4
"	265CA	KR-4
"	25, 25F, 40, 41, 42, 44, 46, 47, 45KU	KR-1
Federal	H-10, H-40, H-41	KR-2
"	K-10, K-40, K-41	KR-4
"	M-35, M-40, M-41, M-45, M-46	KR-1
Freed Eisemann	NR-55, 56, 57, 60, 80	KR-2
"	NR70-470, NR-85	KR-5
"	NR-78, 79, 90, 95	KR-1
Freshman (Earl)	G, K, M	KR-2
"	H, N, 2N	KR-5
"	21, 22	KR-4
"	31, 32, 33, 41	KR-1
General Electric	H-31, 51, 71	KR-1
General Motors	25, 26, 27, 28, 43, 48, 5069, 5077, 5080	KR-2
"	A-120, 130, 140, 252, 253, 254, 255	KR-1
"	256, 257, 258	KR-1
Graybar	311	KR-2
"	600	KR-3
Graybar	700, 770, 900	KR-1
A. H. Grebe & Co.	A. C.-6, A. C.-7	KR-2
"	270, 285, 450	KR-4
"	412, 428	KR-5
"	AH-1, HS-4, 3, 4, SK4	KR-1
Grigsby-Grunow Co.	70	KR-2
"	180	KR-5
"	20, 21, 22, 23, 52, 90, 90B, 100, 100B	KR-1
"	130, 130A, 131, 132, 230A, 233	KR-1
Kellogg	523, 526, 533, 534	KR-1
"	K-50	KR-5
Colin B. Kennedy Co.	60, 826B	KR-2
"	10, 20	KR-1
Lang	M-7	KR-1
Philco	511, 521, 531, 541, 551, 561, 571, 82, 86	KR-2
"	20, 20A, 40	KR-4
"	65, 76, 77, 77A, 90, 90A, 92, 95, 96	KR-1
"	96A, 112, 112A, 112E, 211, 211A, 212	KR-1
"	212A, 296, 296A	KR-1
Pilot Radio & Tube Corp.	K-113, K-117, K-126, K-128	KR-1
R. C. A. Victor Co.	17, 18, 33, 50, 51	KR-2
"	44, 46, 47, 66	KR-3
"	62	KR-4
"	64, 67	KR-5
"	15, 48, 80, 82, 86, RE39, 35, 57	KR-1
Silver Marshall	C, G, J, R, 30, 33A, 34A, 35A, 36A	KR-1
"	724 A. C., 727SW	KR-1
Sonora Phonograph Co.	31, 33, 35	KR-1
Sears-Roebuck	1320, 1322, 1324, 1430	KR-1
Sparks Withington Sparton	5, 9	KR-3
"	25, 26, 30	KR-1
Splitdorf	Abbey 171	KR-2
Steinite Radio Co.	261, 262	KR-2
"	40, 40A, 45A	KR-4
"	50, 50A, 102, 102A	KR-5
"	40C, 41C, 60C, 70, 80, 95, 102C	KR-1
Stewart Warner Co.	801, 801A, 811, 811A	KR-2
"	900, 901, 902, 903, 911, 912, 913, 950	KR-1
"	951, 952, 953, 961, 962, 963, R100	KR-1
"	A-B-E	KR-1
Story and Clark	36, 43-51	KR-1
Stromberg Carlson	635, 636, 638	KR-4
"	641, 642, 652, 654	KR-3
"	19, 20, 25, 26, 846, 848	KR-1
Temple Corp.	8-60, 8-61, 8-80, 8-81, 8-90, 8-91	KR-1
Transformer Corp.	51, 53, 55, 60, 61, 70	KR-1
United Air Cleaner Co.	11, 12, 15, 16, 104, 106, 660, 666, 666C	KR-1
"	444	KR-1
U. S. Radio & Tel. (Apex)	36, 37, 50, 60, 80	KR-2
"	29, 31, 32, 41-60, 42-60, 46, 47, 48, 10	KR-1
Wells-Gardner	72, 82	KR-1
Westinghouse	WR-4, WR-5, WR-6, WR-7	KR-1
Wurlitzer	6 Tube, 80, 83, 84, 85, 86, 88	KR-2
Zenith Radio Corp.	11E, 14E	KR-2
"	33, 33X, 34, 35, 35A, 342, 352, 352A, 362	KR-4
"	362X, 422	KR-4
"	34P, 35P, 35PX, 35AP, 35APX, 37A	KR-5
"	39, 39A, 40A, 41, 42, 342, 342P, 352PX	KR-5
"	352APX, 392, 392A	KR-5
"	52, 53, 54, 55, 57, 60, 61, 62, 64, 67, 70	KR-1
"	**71, 72, 73, 77, 80, 522, 532, 542, 602**	KR-1
"	612, 613, 622, 642, 672	KR-1

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Chokes—Audio, Input and Output Transformers

Powertone Shielded Audio Transformer

5-1 and 3-1 Ratio



A popular priced audio transformer built to exact specifications. The manufacturers of this unit are pioneers in the radio transformer field, and their product is famed for its workmanship. Our enormous buying volume enables us to purchase these fine audios at surprisingly low prices, and you benefit accordingly. Their tone quality and attractive appearance equal that of the finest high priced audio transformers on the market. They are especially recommended for use with the best of circuits. Dimensions: 3¼x2¼x2¾". Shipping wt., 2 lbs.

Cat. No. AT2628. 3-1 ratio. Each..... **49c**

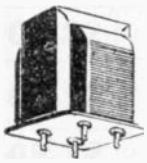
Cat. No. AT2629. 5-1 ratio. Each..... **49c**

R.C.A. Push-Pull Input and Output Transformer

A push-pull audio unit with the output and the input transformers in one housing. The output transformer is designed to connect directly to the voice coil of any dynamic loudspeaker, whose voice coil has an impedance of from 10 to 25 ohms. The transformers are designed for use with 245 tubes, but will give equally fine results when used with 171's, 247's. The primary of the input transformer is of sufficient high impedance to operate out of power detector.

Cat. No. 1OT2614.
Our Price **69c**

Thordarson 1-1 Ratio Output Transformer



Can be used in conjunction with the power output of any set, and to match the impedance of any dynamic speaker output. Will couple a magnetic speaker to the output of any A.C. set. Size—2½x2½x3". Shipping wt., 5 lbs.

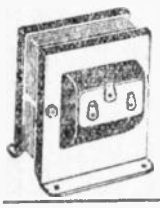
Cat. No. 2603.
Our Price **58c**

R.C.A. 106 Output Transformer

The genuine output transformer as used on the R.C.A. Model 106 dynamic speakers. Brand new and guaranteed. Primary 350 ohms and secondary 10 ohms. An exceptionally good "buy" on our part enables us to offer you this high grade output transformer at a new low price. Size—3¼x2¾x4¾". Shipping wt., 4 lbs.

Cat. No. 2606. Our Price **35c**

Thordarson Push-Pull Output Transformer



Will handle up to and including 250 tubes in push-pull parallel. Mounted on a heavy cast iron frame. Laminations of high grade silicon steel. Where matching transformers it may be connected to secondary for perfect matching. Size—3½x3x3¼". Shipping wt., 5 lbs.

Cat. No. 2607.
Our Price **$1.10**

Kelford Output Transformer

To work with a single output into a high impedance magnetic speaker. Will save the voice coil winding from burning out. Size—4½x2¼x3¼". Shipping wt., 2 lbs.

Cat. No. 2617.
Our Price **49c**

Thordarson Interstage Push-Pull Audio Transformer

Unshielded

For coupling two stages of push-pull amplification. Adaptable for use in power amplifiers to prevent tube distortion in the first stage. Can be used with either 245, 247 or 250 type power tubes. Dimensions: 3½x3x3¼ inches high. Shipping wt., 5 lbs.

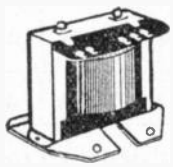
Cat. No. AT2602.
Our Price **$2.49**

Silver Marshall No. 241 Output Transformer

Recommended for the constructor who wishes to use his old magnetic speaker on the new type electric sets, and at the same time save the winding from burning out. Size 3½x2¼x2¾". Shipping wt., 4 lbs.

Cat. No. OT2630.
Our Price **95c**

Speaker Replacement Output Transformers

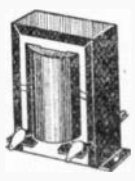


The exact duplicates of the transformers that are being used on the speakers listed below. The primaries of the transformers can be matched to any type power output and the secondaries matched to the exact voice coil resistance. The transformers can be had to match any type power tubes—112-A, 171-A, 245, 247, 248, 249, 250, 279, 210, etc. Available for either push-pull or single output tubes. Shipping wt., 2 lbs.

Available for the following speakers:

Cat. No.		Price
OT2631.	Rola Model F-5	**95c**
OT2632.	Rola Model F-6	
OT2633.	Rola Model K-7	
OT2634.	Rola Model K-9	
OT2635.	Jensen Model D-15	
OT2636.	Jensen Model D-16	
OT2637.	Jensen Model D-9	
OT2638.	Wright De Coster 6 inch Mod	
OT2639.	Wright De Coster Infant Mod	
OT2640.	Wright De Coster Juvenile	

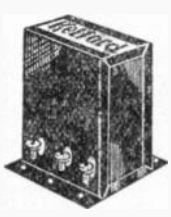
Powertest Output Transformer



A heavy duty transformer built of the highest grade materials. Will match 45, 50, 71 power tubes. Measures 3⅛ inches high and 3¼ inches wide at the base. Shipping wt., 2 lbs.

Cat. No. OT2641.
Our Price **59c**

Kelford Gain Transformer



A combined gain transformer and choke to be used ahead of any power stage. Encased in a black lacquered can. Size—3¼x2⅛x2½". Shipping wt., 5 lbs.

Cat. No. 4706.
Our Price **$1.25**

T.C.A. Push-Pull Input Transformer

Can be coupled to push-pull tube combination. Secondary is center tapped. Core is encased in a metal cover which provides mounting brackets. Ideal addition for serviceman's kit. May be used as input transformer for a single tube by using two outside leads. Size—2x1¾x3⅛". Shipping wt., 2 lbs.

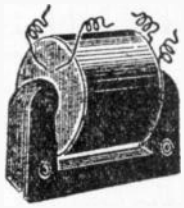
Cat. No. 2605.
Our Price **69c**

Sangamo Push-Pull Input Transformer

An unusual buy for the serviceman requiring a high grade input transformer as used in the best of our commercial receivers. Overall dimensians; 3½x2⅜x1¼". Shipping wt., 2 lbs.

Cat. No. 1T2604.
Our Price **59c**

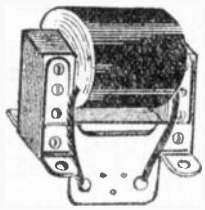
Ware Type Audio Transformer



Tone quality—that vital requirement in audio frequency transformers—is successfully attained by this transformer. Amplifies the entire band of audible frequencies truthfully and faithfully. Can be used in any circuit. Size—3½x2½x1⅝". Shipping wt., 2 lbs.

Cat. No. 2615.
Our Price **69c**

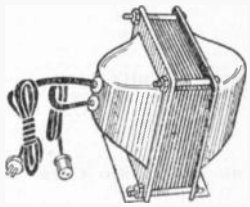
Edison Audio Transformer



Has a Permalloy Core, the most expensive lamination in transformers. May be universally used. Formerly used on the Edison set. Excellent tone quality is obtained from these transformers. It has a ratio of 3 to 1. Size 3x2½x1¾". Shipping wt., 2 lbs.

Cat. No. 2616.
Our Price **85c**

Brunswick Step-Down Transformers



A 110 volt, 60 cycle A.C. radio set can now be used in localities having 220 volts A.C., by merely interposing between the 220 volt line and the receiver. Transformers come complete with plug for connection to radio and power supply. Shipping wt., 8 lbs.

Cat. No. ST2643. **$2.95**

Silver-Marshall Stepdown Transformer 220-110 Volts

Input 220-250 volts, 50-60 cycle A.C. rated at 160 watts. For use where 220 volts, 60 cycle A.C. current is supplied. These transformers adapt current of 220 volts to any A.C. radio or other electrical appliances that do not consume current up to 160 watts. Shipping wt., 5 lbs.

Cat. No. 4705.
Our Price **$2.49**

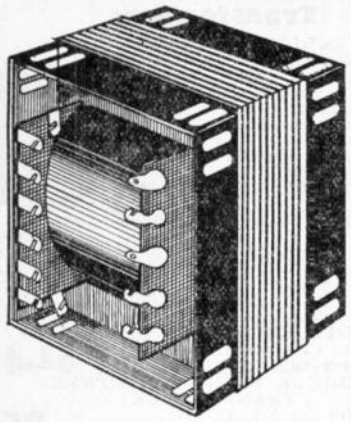
R.C.A. Photophone 20 Henry Double Choke

Reactor on voltage amplifier on "H" Photophone set. 2 Units of 20 henries inductance. Can be used in any type public address system as filter chokes. Tested at 1,500 volts A.C., coil to core. Black japanned finish. Leads protrude from bottom of can to facilitate wiring. Shipping wt., 12 lbs.

Cat. No. CT2644.
Our Price **$2.49**

Everything from a Binding Post to a Transmitter

DEALER'S AND SERVICEMAN'S POWER TRANSFORMERS



All Powertest transformers are properly designed and made of high grade materials and assembled in a workmanlike manner. They have the universal mounting bracket, which allows the transformer to be inverted or mounted in any type position and at the same time facilitates wiring on the soldering lugs. Hookups are furnished with each of the three types of transformers.

Type PT-6U for Receiver Using 4-5-6 Tubes

Primary 115 volts 50-60 cycle A.C. Electrostatic shield grounded to the core. Plate secondary 330-330 volts 60 M.A. Filament No. 1—5 volts at 2 amperes for rectifier tube. Filament No. 2—2½ volts at 3 amperes, center tapped. Filament No. 3—2½ volts 5¼ amperes, center tapped.

Cat. No. PT-5005. Our Price **$1.59**

Type P.T.-9U For Receivers Using 7-8-9 Tubes

Primary 110-115 volts 50-60 cycle A.C. Electrostatic shield grounded to the core. Plate secondary 330-330 volts 75 M.A. Filament No. 1—5 volts 2 amperes for rectifier tube. Filament No. 2—2½ volts 3 amperes, center tapped. Filament No. 3—2½ volts 9½ amperes, center tapped.

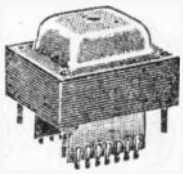
Cat. No. PT-5006. Our Price **$1.70**

Type P.T.-12U for Set Using 10-11-12 Tubes

Primary 110-115 volts 50-60 cycle A.C. Electrostatic shield grounded to core. Plate secondary 330-330 volts 100 M.A. Filament No. 1—5 volts 2 amperes for rectifier tube. Filament No. 2—2½ volts 3 amperes center tapped. Filament No. 3—2½ volts 14 amperes center tapped.

Cat. No. PT-5007. Our Price **$2.10**

Reliable 5 and 6 Tube Power Transformer

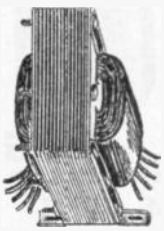


Flat mounting and made of the very best laminations available. Invaluable for replacement purposes. Can be used where ever 5 or 6 tubes of the new type '50 series are to be used in a receiver. Soldering lugs protrude from bottom of the transformer coil to simplify ease of wiring.

Specifications: Primary 110-115 volt 50-60 cycle A.C. Secondary 330-330 at 60 M.A. Filament No. 1—5 volts, 2 amperes. Filament No. 2—2½ volts at 7 amperes.

Cat. No. PT-5008. Our Price **$1.25**

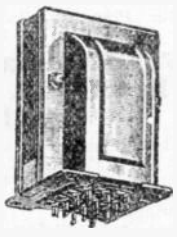
Universal Replacement Power Transformer



A universal replacement power transformer that can be used in almost any circuit using 4—226, 1—227, 2—171-A, and 1—280. Also an excellent filament transformer for building a tube tester. Specifications: Primary 110-115 volts. 50-60 cycle A.C. Plate secondary 330-330, 55 M.A. Filament No. 1—1½ volts at 8 amperes. Filament No. 2—2½ volts at 3 amperes. Filament No. 3—5 volts at 2½ amperes. Filament No. 4—5 volts at 2½ amperes.

Cat. No. PT-5009. Our Price **$1.95**

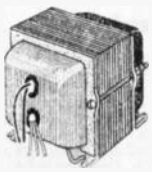
Hammarlund Power Transformer



The name Hammarlund is a guarantee of high quality and performance. A power transformer suitable for use in public address amplifiers and field supply for dynamic Speakers. Specifications: Primary—90-150 volts, 50-60 cycle A.C. Filament No. 1—2½ volts, 10 amps. Filament No. 2—5 volts, 2 amps. Plate secondary —375-375 125 M.A.

Cat. No. PT-5010. Our Price **$2.95**

Reliable Field Supply Transformer

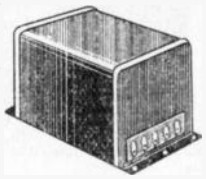


For the serviceman and dealer who wishes to construct a field supply for his D.C. field dynamic we highly recommend this field power transformer. The four mounting feet of the transformer makes it practical for easy mounting.

Specifications: Primary 110-115 volts, 50-60 cycles. Filament No. 1—5 volts, 2 amps. Plate secondary, 330-330 50 M.A.

Cat. No. PT-5011. Our Price **$2.25**

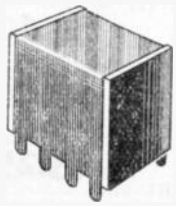
R.T. 27 Photophone Field Supply Transformers



Designed to operate four parallel 1000 ohm speaker fields. Intended for use with the Rectox Dry disc rectifiers. May be used with new mercury vapor tubes if a separate filament transformer is available. Primary for 110 or 220 volt operation on 60 cycles. Supplies D.C. output 100 volts at .4 amps.

Cat. No. FT-5018. Our Price **$2.25**

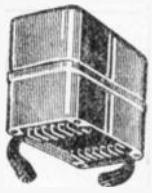
Victor Tapped Filter Choke



A compact metal cased power choke. Ideal for building your own power pack. The low resistance winding will operate efficiently in circuits drawing up to 125 M.A. The tapped section is of low inductance (5 henries). Suitable for use in mercury vapor power packs as the input and main filter Choke.

Cat. No. FC-5012. Our Price **95c**

Bosch Model 28 Power Transformer



Efficient for use with all sets using up to 4—226, 1—227, 1—280, and 2—171A. Rated at 200 volts each side of center, at 60 M.A. Has filament winding supplying 1½ volts, 2.2 volts, and 5 volts. Mounted in silver finished case.

Cat. No. PT-5013. Our Price **$2.95**

FOR MODEL 48

Uses 3—224, 1—227, 2—245, 1—280 tubes.

Cat. No. PT-5013-A. Our Price **$3.55**

FOR MODEL 58

Uses 4—224, 1—227, 2—245, 1—280 tubes.

Cat. No. PT-5013-B. Our Price **$3.55**

FOR MODEL 60

Uses 5—224, 1—227, 2—245, 1—280 tubes.

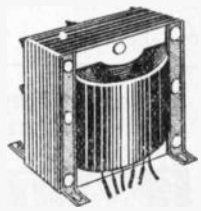
Cat. No. PT-5013-C. Our Price **$3.63**

Grebe Audio Transformer

A heavy duty audio transformer. Made with large core and oversized coil. Provides full frequency response. Mounted in neat black japanned case. May be used for replacement purposes in any receiver.

Cat. No. AT-5014. Our Price **79c**

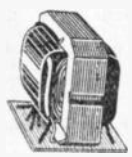
Crosley 706 A. C. Power Transformer



May be used as a replacement in many sets in use. Designed for use with 4-226, 1-227, 2-71's, 1-80 as a half wave rectifier. Windings supply following voltage: 250-0-250 volts at 60 M.A., 1.5 volts, 2.2 volts, 5 volts. Uncased with four mounting angle feet. Pigtail terminals color-coded.

Cat. No. PT-5016. Our Price **$1.15**

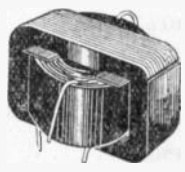
Colonial 32 Power Transformer



Here is a real buy. 50% of the sets that require servicing use a transformer rated similar to this number. Supplies 350-0-350, 2.5, 50. For use with 4—24, 1—27, 2—45, 1—80. An uncased design carefully assembled. Supplied complete with solder lug terminals.

Cat. No. PT-5017. Our Price **$1.95**

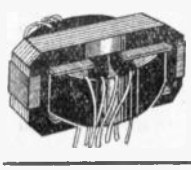
R.T. 72 Photophone Output Transformer



Designed to couple a 40 watt P.P. 845 Amplifier to dynamic voice coils. A tapped secondary is provided to take care of all needs. Tapped at 20 ohms and 10 ohms for the series operation of two speakers or the series parallel operation of four. Ideal for parallel feed in any high quality P.A. system. Special alloy core provides wide frequency range.

Cat. No. OT-5019. Our Price **$3.95**

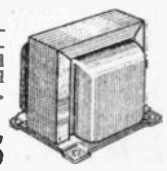
P.T. 75 Power Transformer



Ideal for use to supply a voltage amplifier panel. Filament supply for four 226 type tubes. Center tapped plate winding delivers 250 volts each side. Tapped primary for 110 or 220 volts A.C. 60 cycle operation.

Cat. No. PT-5020. Our Price **$2.95**

Columbia Input Push Pull Transformer



An excellent input push pull transformer. Ideal for the construction of public address systems and set repair. Special core material provides wide frequency response. Mounted in compact metal case.

Cat. No. IT-5015. Our Price **$1.25**

Prompt Service - Shipments within 24 Hours

Replacement Power Transformers

PHILCO Power Transformers Guaranteed Replacements

Guaranteed to be identical mechanically and electrically to the original part. Supplied with wide mounting flange and sub-panel lugs. All units listed below have 110 volts, 60 cycle core. Other voltages quoted on application. An easy repair job is assured on these popular sets. Furnished color coded as original. Also with diagram, thus assuring rapid replacement. Suited for amplifier and short wave construction. Designed for continuous duty without overheating. Average shipping weight 8 lbs.

Chassis	Tubes Used (1-'80 and)			Philco Part	Cat. No.
20–220	3-'24s;	1-'27;	2-'71A	4234	PT-519
50	3-'24s;	1-'47;	1-'80	5266	PT-520
65	2-'24s;	1-'27;	2-'45s	3516	PT-521
70	4-'24s;	1-'27;	2-'45s	5117	PT-522
76–77	3-'24s;	1-'27;	2-'45s	3868	PT-523
86–82	4-'26s;	1-'27;	2-'71s	3271	PT-524
87	4-'26s;	1-'27;	2-'45s	3400	PT-525
90	4-'24s;	2-'27;	2-'45s	4938	PT-526
90	4-'24s;	2-'27;	1-'47	5362	PT-527
90	4-'24s;	2-'27;	2-'47s	6072	PT-528
95–96	3-'24s;	3-'27;	2-'45s	3752	PT-529
111–211	4-'24s;	4-'27;	2-45s	4446	PT-530
111–211	4-'24s;	4-'27;	2-47s	5594	PT-531
511	4-'26s;	1-'27;	1-'71A	3073	PT-532

Our Price **$2.65**

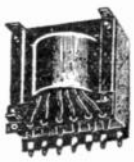
Stancor Replacement Power Transformers

EXACT DUPLICATES

Exact duplicates in every case of the original transformer—physically and electrically. No redrilling necessary. Similar terminal arrangement. All units have the same voltage and current rating as the original. Conservatively designed for long trouble-free life. Operate without the slightest heating. Each transformer individually boxed, complete with terminal chart.

Model	Cat. No.	List Price	Net Price
Atwater Kent			
55, 55C (early)	PT-1900	$9.75	$4.90
55, 55C (late)	PT-1901	9.50	4.65
80, 83	PT-1902	7.00	3.50
82, 85	PT-1903	7.00	3.50
87, 89, 89P	PT-1904	7.75	3.65
H1, H2, L1, L2	PT-1905	7.00	3.50
Brunswick			
S14, S21, S81, S82	PT-1906	7.50	3.60
Majestic			
21, 22, 23(Model 20 chassis)	PT-1907	9.00	4.25
Philco			
111, 211	PT-1908	7.55	3.25
112, 212 (245)	PT-1908	7.55	3.25
112, 212 (247)	PT-1910	7.35	3.20
20, 220	PT-1911	5.90	2.85
500 series, 65	PT-1912	6.10	3.00
70, 270, 370, 470, 570	PT-1913	6.10	3.00
76, 77	PT-1914	6.10	3.00
86, 87	PT-1915	5.90	2.90
90 (Uses 1-247)	PT-1916	6.10	3.00
95, 96, 296	PT-1917	7.15	3.50
R.C.A. Victor			
17, 18, 33, 50, 51	PT-1918	6.10	3.00
Victor R14, R15, RE17	PT-1919	6.75	3.25
80, 82, 86	PT-1920	7.10	3.50
Spartan			
25, 26, 26AW	PT-1927	11.50	5.00
101, 110, 111, 111A	PT-1921	7.50	3.37
301	PT-1922	12.00	5.75
410, 420	PT-1923	8.00	4.00
AC7, 62, 63	PT-1924	7.50	3.50
Zenith			
10, 11, 12	PT-1925	17.50	3.50
50, 60, 70	PT-1926	7.40	3.40

For Brandes Models B10, B11, B15, B16



Identical and fully guaranteed, thus assuring easy replacement in these popular sets. Massive core and oversized coil provides long trouble-free life. Popular for powerpack and amplifier construction.

May be readily adapted to either sub-panel or baseboard mount. Supplied with 110 volt, 60 cycle core only. Average shipping weight 10 lbs.

BRANDES B10—B11 TRANSFORMERS

Rated to supply (5) '27, (1) '71A, (1) '80.

Cat. No. PT-546. Our Price **$3.25**

BRANDES B15—B16 TRANSFORMERS

Rated to supply (5) '27, (2) '45, (1) '80.

Cat. No. PT-547. Our Price **$4.50**

Columbia Kolster Models

Genuine replacement units for this popular line. Assure freedom from service difficulties. May be used in building amplifiers, transmitter powerpacks, etc. Large oversized construction insures freedom from heating. Excellent voltage regulation. Kolster designed these with a 100% safety factor. All supplied with 110 volt, 60 cycle primary.

KOLSTER K20, K21, K22, K23, K25, K27

For use with (4) '26, (1) '27, (1) '71A, (1) '80. K23, K21 models use (5) '26. Shipping weight 9 lbs.

Cat. No. PT-548. Our Price **$4.25**

KOLSTER K24

For use with (5) '26, (1) '27, (1) '10, (2) '81. Shipping weight 11 lbs.

Cat. No. PT-549. Our Price **$5.20**

KOLSTER K43, K48

For use with (3) '24, (2) '27, (2) '45, (1) '80. Shipping weight 9 lbs.

Cat. No. PT-550. Our Price **$4.60**

KOLSTER K44

For use with (3) '24, (2) '27, (2) '50, (2) '81. Shipping weight 14 lbs.

Cat. No. PT-551. Our Price **$6.50**

COLUMBIA MODELS 930, 300

For use with (1) '26, (1) '10, (2) '81. Shipping weight 13 lbs.

Cat. No. PT-552. Our Price **$3.25**

COLUMBIA MODEL 950

For use with (4) '26, (1) '27, (1) '50, (1) '81. Shipping weight 14 lbs.

Cat. No. PT-553. Our Price **$4.50**

Majestic Push-Pull Transformers

Cat. No.	Type	Models	Part No.	Our Price
PT-536.	Output	70, 71, 82, 180	64	$.75
PT-537.	Straight Audio	90	134	.75
PT-538.	Input	70, 71, 72, 90, 91, 92		.75

Colonial Power Transformers

FOR MODEL 32 A.C.

Uses 4-224s, 1-227, 2-245s and 1-280 tubes.

Cat. No. PT-533. Our Price **$2.75**

FOR MODEL 33 A.C.

Uses 3-224s, 1-227, 2-245s and 1-280 tubes.

Cat. No. PT-534. Our Price **$3.50**

FOR MODEL 31 A.C.

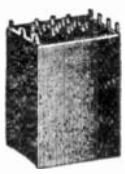
Uses 2-227s, 2-226s, 2-171As and 1-280 tubes.

Cat. No. PT-535. Our Price **$3.50**

Shipping weight, 7 lbs.

Genuine RCA Victor Power Transformers

RADIOLA 104



Designed for use in the RCA 104 power amplifiers. This transformer delivers filament and plate power for use with any 210 or 250 amplifier. Ample current available to operate a push-pull amplifier. 65 volt primary. Ballast resistor adapting to 110 volt, 60 cycle operation.

Cat. No. PT-554. Our Price **$1.75**

Cat. No. 556. (Ballast resistor) 90c

Cat. No.	Models	Price
PT-557.	Victor 35, 39, 57	$1.70
PT-558.	Radiola 80, 82, 86	1.60
PT-559.	Graybar 700, 770, 900	1.70
PT-560.	G. E. 31, 51, 71	1.70
PT-561.	Westinghouse WR 5, 6, 7	1.70

RADIOLA BRUNSWICK RPA NO. 935

For use with (1) 281, (1) 250.

Cat. No. PT-562. Our Price **$1.45**

RADIOLA PUSH-PULL POWER TRANSFORMER

For use with (2) 171, (1) 280.

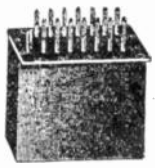
Cat. No. PT-563. Our Price **95c**

RCA Victor "Superette" R7, G.E. S22, Graybar 8" Midget

Original replacement part. May be used in many popular receivers. Used with (2) '35, (2) '27, (1) '24, (2) '45, (1) '80. Shipping weight 6 lbs.

Cat. No. PT-564. Our Price **$1.89**

Radiola Models 64 and 67; Victor Models 9-18 and 9-54



This power transformer is not the genuine part but the exact duplicate in physical characteristics. A large oversize power transformer has been built to our specifications for use with this receiver. Has 3 separate 2½ volt filament windings; for 8-27s; 2-7½ volt windings; 1100 volt high voltage at 200 mils. Guaranteed. Shipping weight, 14 lbs.

Cat. No. PT-539. Our Price **$6.95**

Radiola Models 44, 46, 47

Identical to above in appearance. A Quality Transformer in every respect; built exactly like the original RCA Part No. 8472, for 8-'24s; 1-'45, and 1-'80. Brand new and guaranteed to equal the original in service. Shipping weight 10 lbs.

Cat. No. PT-540. Our Price **$2.15**

Same as above for 220 V. A.C. Part No. G.W. 262.

Cat. No. PT-541. Our Price **$3.95**

For Radiola Models 60 and 62; Brunswick 3NC 8 and 5NC 8; Graybar Model 60

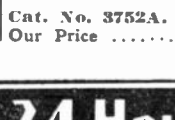
Identical to above in appearance. An exact duplicate of RCA Part No. 8344, and the correct replacement for the above receivers. For use with 7-'27s, 1-'71A, and 1-'80. Brand new and guaranteed. Shipping weight 11 lbs.

Cat. No. PT-542. Our Price **$2.15**

Same as above for 25 cycles. Part No. G. W. 46.

Cat. No. PT-543. Our Price **$2.75**

6 Tube Catacombs



Have you a Radiola, Brunswick or Victor Super lying in some corner because of a defective "Cat."? No need at all for this. Bring it out and dust it off, for here is a chance to get genuine replacement catacombs for your defective sets. 6 tube panels.

Cat. No. 3752A. Our Price **$2.95**

Prompt Service-Shipments within 24 Hours

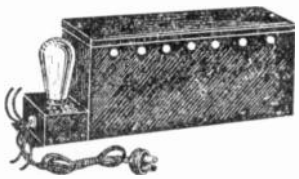
Genuine PHILCO Replacement Parts

Model	Dials	Drive Belts	Electrolytic Condensers	Field Coils	Filter Chokes	Filter Condensers	Friction Drives	Pilot Lamps	Resistors	Speaker Cones	Switches, On and Off	Transformers, Input	Transformers, Output	Transformers, Power	Tone Control	Volume Control
3	$0.21	$ ...	$ ...	$5.40	$....	$ ...	$ ...	$0.18	$ ...	$0.45	$0.75/.60	$ ...	$1.20	$ ...	$ ...	$0.75
4	....	....	1.05	....	.90	....	....	.12	.30	....	.75	....	....	2.10	....	.75
7	....	....	....	5.40	....	....	....	.18	....	.45	.90	....	.75/1.05	....	....	.90
15	.12	.15	.90	....	1.50	....	....	.09	....	....	.75	1.95	.84	....	.27	.60
20	.24	....	....	.75	.90	2.25	.12	.12	....	.45	.30	1.35	1.20	4.20	....	.75
21	.24	....	1.20	.75	.90	....	.12	.12	.27	.45	.30	1.35	1.20	4.20	....	.75
30	....	....	....	.24	....	....	....	.36	.36	....	.30	....	1.65	1.65	.33	.90
35	....	....	....	.39	....	....	....	.36	....	....	.99	....	....	1.35	.99	.90
85B	....	....	....	.39	....	....	....	.36	....	....	.99	....	....	1.35	.24	.90
50	.24	....	1.05	1.05	....	.75	.12	.12	....	.36	.24	....	.75	2.55	....	.75
51	.24	....	1.05	1.05	....	.66	.12	.12	.51	.36	.24	....	.75	2.55	....	.45
52	.24	....	1.05	1.05	....	.66	.12	.12	....	.36	.24	....	.75	2.55	....	.45
65	.09	.15	....	1.95	1.50/1.65	5.55	....	.12	.75	.39	.30	2.10	1.20	6.00	....	.60
70*a	.36	....	1.05	1.35	.90	....	.19	.12	.27	.45	.30	....	1.20	3.90	.24	.90
70*b	.36	....	1.05	1.35	.90	.60	.19	.12	.27	.45	.30	....	1.20	3.90	.18	.45
71	....	.15	.93/1.05	....	....	.40	....	.09	.10	....	.24	....	.75	2.25	.21	.48
76	.09	.15	....	1.95	1.50	3.75	....	.12	.76	.39	.30	1.80	1.20	5.40	....	.39
77	.12	.15	....	1.95	1.50	3.75	....	.12	.60	.39	.30	1.80	1.20	5.40	.33	.75
86	.09	.15	....	1.95	2.25	9.00	....	.18	.96	1.50	.24	1.65	1.20	4.20	....	.84
87	.12	.15	....	1.95	1.50/2.25	7.50	....	.12	.75	.39	.33	1.65	1.20	6.30	....	.84
90*c	.36	....	1.05	1.35	.90	....	.19	.12	.33	.39	.30	1.65	1.20	4.20	.33	.90
90*d	.36	....	1.05	1.35	.90	....	.19	.12	.24	.39	.30	....	1.20	3.25	.27	.45
90*e	.36	....	1.05	1.35	.90	.60	.19	.12	....	.39	.30	1.35	1.20	3.00	.33	.45
91	....	.15	1.05	....	.90	....	....	.09	....	....	.24	1.35	.81	2.85	.30	.48
95	.09	.15	....	1.95	1.50	3.90	....	.12	.60	.39	.30	2.10	1.20	4.95	....	.93
96	.12	.15	....	1.95	1.50	3.90	....	.12	.60	.39	.30	2.10	1.20	4.95	.33	.84
111	.12	.15	....	1.95	1.50	3.90	....	.12	.27	.39	.30	2.10	1.20	4.95	.33	.84
112*f	.12	.15	....	3.00	1.50	3.90	....	.12	.27	.39	.30	2.10	1.20	4.65	.33	.84
112*g	.12	.15	1.05	3.00	.90	1.05	....	.12	....	.39	.30	1.95	1.20	4.20	.30	.84
511	.09	.15	....	....	....	7.20	....	.18	.99	1.15	.45	....	....	4.20	....	.84

*a—Without automatic volume control.
*b—With automatic volume control.
*c—Using 2-45 tubes.
*d—Using 1-47 tube.
*e—Using 2-47 tubes.
*f—Using 2-45 tubes.
*g—Using 2-47 tubes.

Only our tremendous purchasing power enables us to offer these values in Genuine Philco Parts. Statistics show that Philco is the largest distributor of receivers. We have found from past experience that there is a great demand for replacement parts for these receivers. Unfortunately, certain unscrupulous concerns are selling parts that are not genuine, but odd parts placed in similarly finished cases. Of course, such replacements are by no means satisfactory. Why not play safe—buy from Try-Mo—each unit is genuine, brand new stock, mounted in a case stamped with the Philco identifying numbers. Backed by both Try-Mo and Philco.

A.B.C. Power Pack



An excellent pack to use when modernizing old type battery receivers. Will supply voltages for five 226's, one 227, two 171's and one 280 rectifier tubes. Contains a complete power pack including power transformer, choke, condensers, voltage dividers, resistors, etc.
Has 1—2½ volt winding, 1—1½ volt winding, and two 5 volt windings. A high and low switch are included in the pack for variation of voltages. Supplies 180 volts with taps at 45 and 90 volts. A separate outlet is provided for the field of an A.C. dynamic speaker. Weight 20 pounds. Measures 15¾ x 6¾ x 2¾". Operates on 110 volt, 60 cycle A.C.

Cat. No. PP-7008.
Our Price $6.50

Atwater Kent Power Packs

The packs are housed in a can identical to the original, but without the cover (the cover of the original unit may be used). Made to original specifications and every one is guaranteed. The condensers, choke, and transformers are rated far above the standards set by the manufacturer.

For Models 40-56-57—
Cat. No. PP-7009.
Our Price $3.85

For Models 42-44-45-52—
Cat. No. PP-7010.
Our Price $3.85

For Models 43-46-47-53—
Cat. No. PP-7011.
Our Price $6.75

Majestic

REPLACEMENT POWER TRANSFORMERS

Cat. No.	Item	Set Model	Price
PT-7012..	Filament transformer..	180	$1.20
PT-7013..	Plate transformer.....	180	1.20
PT-7014..	Filament transformer..	70 series	.90
PT-7015..	Plate transformer.....	70 series	.90
PT-7016..	Filament and plate Transformer	90 series	1.65
PT-7017..	Double choke.....	.....	.75
PT-7018..	Filament and plate transformer	90B-100B	4.20
PT-7019..	Filter choke, 100 mils.	70 series	.50
PT-7020..	Double filter choke, 250 mills.	90 series	1.25
PT-7021..	Power transformer....	130, 131, 132, 233.....	3.50
PT-7022..	Power transformer....	71, 72 (pack 7BP6).....	3.50
PT-7023..	Power transformer....	130, 131	3.50
PT-7024..	Power transformer....	130A-132-133-830A	3.50
PT-7025..	Filament transformer..	180 comb.	6.95
PT-7026..	Plate transformer.....	(227-250-281)	4.25
PT-7027..	Filament and plate in one can	71-72	3.60
PT-7028..	Power transformer....	21-22-23, 50 series.....	3.75
PT-7029..	Filament and plate transformer	90B-100B	4.25

Crosley A.C. Power Converter Model 104-R

Originally designed for the No. 602, No. 702 Crosley Bandbox receivers. May be used on any set within its voltage and current rating. Rated to deliver 210 volts at 60 ma., 1½ volts at 4.2 amps., 2½ volts at 1.75 amps., 5 volts at 1 amp. Tapped to deliver 180 and 90 volts "B" and 40 volts "C." This unit uses a large oversize hum filter with a triple 8 mfd. filter condenser. Input rating 200-250 volts, 25 to 60 cycles. Uses 1—280 rectifier tube. Mounted in a crackle finished steel can.

Cat. No. PP-4707. Power unit less 280 tube, (with cable). Price.... **$4.95**

Crosley A.C. Power Converter Model 106

Rated at 210 volts at 60 ma. tapped at 180 and 90 B,—40 C. Also supplies 2½ volts at 1.75 amp., 5 volts at 1 amp. Designed for use on 110 volts 50-60 cycles. Uses one Raytheon B.H. rectifier tube.—Designed for use on Bandbox No. 602-No. 702.
Cat. No. PP-4708. (with connecting cable). Our Price..... **$3.95**

Stepdown Transformers

110 to 20 Volts

A heavy duty transformer designed to step down voltages from 110 volts A.C. to 20 volts A.C. Heavily constructed of the finest laminations available. Completely shielded. Dimensions: 2⅛" high, 2½" wide, and 2¾" deep. Leads are brought out for easy wiring. Shipping weight, 3 pounds.

Cat. No. ST-7030.
Our Price 89c

Special Pentode Output Transformer

Designed to couple dynamic speakers with voice coils from 8 to 15 ohms, to single or push pull 247 tubes. Heavily constructed of the finest laminations. A huge purchase of these transformers enables us to sell them at such a ridiculously low price.

Cat. No. OT-7031. For Single 247 Tube.
Cat. No. OT-7032. For P.P. 247 Tubes.
89c Each

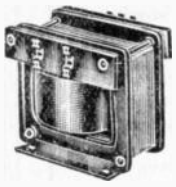
Powertest Unshielded Audio Transformers

An unshielded audio transformer that can be used as a replacement in almost any receiver. Comes with mounting brackets. The laminations are made of Silicon steel. Ratio 3.5 to 1.

Cat. No. AT-7033.
Our Price 49c

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

POWERTEST *High Quality* POWER TRANSFORMERS



Uncased Filament Transformers

This type transformer is intended to supply the demand for an open mounting filament transformer for use in transmitters and power amplifier systems. Primary and secondary connections are brought out to heavy soldering lugs on bakelite terminal boards. All secondary windings are center tapped at the exact electrical center of the windings.

Cat. No.	Pri. Voltage	Sec. Voltage	Sec. Amperes	Insulation Volts	Our Price
FT2645.	115	2.5	10	10,000	$2.90
FT2646.	115	7.5	5	3,000	3.50
FT2647.	*Tapped	7.5–7.5	5–5	3,000	4.50
FT2648.	*Tapped	10	7	3,000	4.25
FT2649.	*Tapped	11	7	3,000	4.35
FT2650.	*Tapped	14	7	3,000	4.35
	115	5	8	3,000	3.50

* Tapped primaries 105-115-125 volts.

Cased Filament Transformers

A transformer that has been very popular for power amplifier systems in outdoor work or in transmitter installations in humid sections of this country and in the tropics. It is completely cased and sealed in moisture proof compound. The electrical characteristics are identical to the Uncased Transformer type listed at left.

Cat. No.	Pri. Voltage	Sec. Voltage	Sec. Amperes	Insulation Volts	Our Price
FT2655.	115	2.5	10	10,000	$3.20
FT2656.	115	7.5	5	3,000	3.80
FT2657.	*Tapped	7.5–7.5	5–5	3,000	4.80
FT2658.	*Tapped	10	7	3,000	4.55
FT2659.	*Tapped	11	7	3,000	4.65
FT2660.	*Tapped	14	7	3,000	4.65

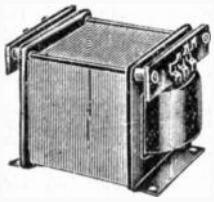
* Tapped primaries 105-115-125 volts.

Microphone Transformers

For the first time there are available a complete line of microphone and mixing transformers at popular prices. This entire line is uniform in appearance, completely cased and finished in black or green crinkle. The transformers are impregnated in a moisture proof compound.

Cat. No. MT2653. Single button, 200 ohms to grid. Our Price.....**$1.75**
Cat. No. MT2654. Double button, 200 ohms to grid. Our Price..... **2.25**

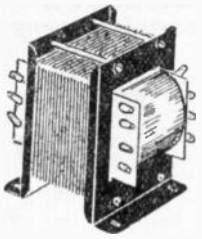
Uncased Plate Transformers



An uncased plate transformer used mostly in small transmitters and public address systems where compactness is desired. Because of its excellent regulation this transformer is ideal for Class "B" work with new mercury vapor rectifier tube or with 81 tube in Class "A."

Cat. No.	Pri. Voltage	Sec. Voltage	Sec. M.A.	Insulation Volts	Our Price
LT2651.	115	600 c. t. 600	200	2,000	$5.75
LT2652.	115	750 c. t. 750	150	2,000	6.00

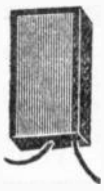
Thordarson Power Transformers



Can be used to supply power for 2-210 or 2-250, 2-281 and 8-2½ volt tubes. Will furnish A B C supply for every tube. Will work exceptionally well when used in amplifiers or transmitters.

Specifications:
Primary, 110-115 volts.
High voltage secondary, 750-750 volts at 150 M.A.
7½ volts for 2-81 Center Tapped.
7½ volts for 2-50's or 2-10's center tapped.
2½ volts at 14 amperes.
1½ volts at 12 amperes.
2,000 volt insulation.
Size—6" high, 4¼" wide, 5" deep.
Shipping wt., 12 lbs.
Cat. No. PT4703.
Our Price **$4.95**

Crosley Heavy Duty Choke



A heavy duty 30 henry choke which will pass 100 mills. Ideal for use as brute force filter, and as a replacement for all Crosley receivers. Fully shielded in brown metal case, with long connecting leads. Shipping wt., 2 lbs.
Cat. No. CT2671. ..... **59c**

Crosley Choke

An 85 mil., 30 henry choke for Crosley receivers or any power pack. In an attractive rounded black case. Fully shielded. Long leads. Mounting screws already fastened on base. Shipping wt. 2 lbs.

Cat. No. CT2673.
Our Price **37c**

Uncased Chokes

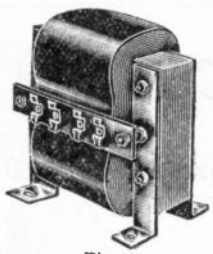


Fig. 1

Fig. 2

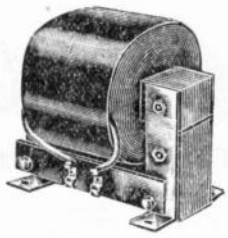


Fig. 3

These chokes are rugged in construction, low in resistance and have high insulation. You will find them very satisfactory for filter or modulation purposes.

FIGURE 1—

Cat. No.	Henries	M.A.	Insulation, Volts	Our Price
CT2661.	15-15	160	5,000	$5.50
CT2662.	15-15	220	5,000	8.10
CT2663.	15-15	320	5,000	10.00
CT2664.	15-15	500	5,000	11.00

All of These Chokes are Double Units.

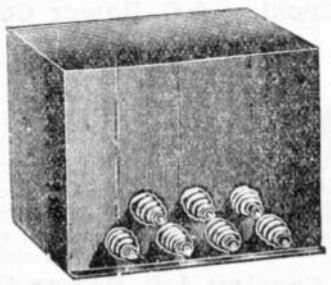
FIGURE 2—

Cat. No.	Henries	M.A.	Insulation, Volts	Our Price
CT2665.	15	150	3,000	$2.25

FIGURE 3—

Cat. No.	Henries	M.A.	Insulation, Volts	Our Price
CT2666.	30	160	5,000	$5.50
CT2667.	30	220	5,000	8.10
CT2668.	30	320	5,000	10.00

Cased High Voltage Plate Transformers

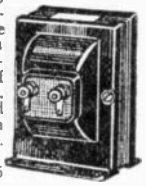


A high voltage plate transformer used largely in transmitters and heavy duty public address work. It is conservatively rated and represents extensive experience in high voltage power transformer design. This type of transformer requires careful workmanship, design and construction in order to obtain the proper regulation necessary in its performance. Leads are brought out to porcelain stand-off insulators. Cases are made from very heavy gauge steel and finished in black crackle.

All of These Transformers Have a 10,000 Volt Insulation.

Cat. No.	Pri. Voltage	Sec. Voltage	Sec. M.A.	Our Price
LT2669.	115	1500-1000- 750 V. E.S.C.	200 M.A.	$11.50
LT2670.	115	2000-1500-1000 V. E.S.C.	300 M.A.	16.50

Thordarson Choke 30 Henry - 100 Mill



Can be used for 210 or 250 push-pull receivers. Will handle 100 mills., plus an overload of 15%. Replacement for most of the standard receivers. Sturdily constructed and provided with mounting brackets. Size 3½ x 3 x 3¼" Shipping weight, 5 pounds.

Cat. No. CT2601.
Our Price **95c**

Hammarlund Chokes 125 mil. - 30 Henry

Will safely handle 125 mills., plus an overload of 15%. It is a standard 30 henry filter choke with a D.C. resistance of 500 ohms. Sturdily constructed and provided with excellent mounting facilities. Excellent for use in transmitters or power amplifiers for public address systems. Size 3¼ x 3¼ x 2½". Shipping wt., 3 lbs.

Cat. No. CT2674.
Our Price **$1.25**

Crosley Power Pack Choke

Original Crosley chokes. 30 henry, 85 mills. For replacement purposes or use in any power pack or receiver. **Fully** shielded. Comes in neat black shield can with flexible leads. Size 4¼ x2½x1¾". Shipping wt., 2 lbs.

Cat. No. CT2618.
Our Price **45c**

We Guarantee to MEET or BEAT competition-

REPLACEMENT POWER TRANSFORMERS

These replacement power transformers are characterized by exact conformity to original specifications and by high safety factors. They can be mounted on the chassis without any remounting or drilling. In many cases these transformers are heavier and sturdier than the original. Electrically the transformers have characteristics identical with the original units or better. Plate and filament voltages are correct for normal operation. Each transformer is packed in a carton which contains, when necessary, a diagram clearly showing terminal layout or color code and the current and voltage of each winding.

Name and Models	Cat. No.	Our Price
AIRLINE		
Series 57	PT8001	$3.25
ALL AMER. MOHAWK		
(With Maj. power pack)	PT8002	2.85
Lyric G	PT8003	2.25
90 series	PT8004	3.50
APEX		
41	PT8005	3.95
36-37	PT8006	3.95
80	PT8007	3.10
31	PT8008	3.75
ATWATER KENT		
36, 37, 38	PT8009	1.50
40, 42, 44, 45, 52, 56	PT8010	2.75
40, 42, 44, 45, 52, 56, Complete Pack	PT8011	3.85
43, 46, 47, 53	PT8012	2.75
43, 46, 47, 53, Complete Pack	PT8013	5.50
55, 55C, Early Type	PT8014	3.75
55, 55C, Later Type	PT8015	3.75
55F, 55FC	PT8016	4.25
60	PT8017	4.50
66	PT8018	4.25
70	PT8019	4.50
85	PT8020	3.35
96	PT8021	4.50
L Series, H Series	PT8022	3.35
AMRAD		
Bel Canto Series 81	PT8023	3.15
BOSCH		
28	PT8024	3.50
48	PT8025	3.50
58	PT8026	3.50
60	PT8027	3.50
BRANDES		
B10-B11	PT8028	3.25
B15-B16	PT8029	4.50
29-825	PT8030	4.50
BREMER TULLY		
7-70, 7-71	PT8031	3.00
14, 21, 31, 81, 82	PT8032	3.35
S-20A, S-21A	PT8033	8.50
BRUNSWICK		
2KR0, 3KR0, 3KR6, 5KR, 5KR0, 5KR6	PT8034	1.70
3NC8, 5NC8	PT8035	2.10
S14, S21, S31, S81, S82	PT8036	3.25
S-14-S21, 25 cycle	PT8037	3.25
15-22	PT8038	3.25
COLONIAL		
28AC	PT8039	3.60
31AC	PT8040	3.50
32AC	PT8041	2.75
33AC-34AC	PT8042	3.75
COLUMBIA		
300-930	PT8043	4.75
901	PT8044	5.95
950	PT8045	4.65
COLUMBIA KNIGHT		
Screen Grid No. 8	PT8046	3.65
Screen Grid	PT8047	3.65
CROSLEY		
Power Converter 104, 105, 106 Bandbox	PT8048	1.45
602 Bandbox	PT8049	2.95
AC-7	PT8050	2.45
Power Converter 104R, 105R	PT8050A	1.10
608	PT8051	.90
704A	PT8052	1.95
30S, 31S, 33S, 34S	PT8053	2.45
6 G	PT8054	3.75
EARL		
21, 22	PT8055	2.35
24, 31, 32, 33, 41	PT8056	2.85
24, 31, 32, 33, 41, Coil only	PT8056A	1.95
EVEREADY		
1, 2, 3	PT8057	2.85
30	PT8058	3.10
40, 50	PT8059	2.65
EDISON		
R4, R5, R6, C4	PT8060	3.65
FADA		
10, 11, 30, 31, 16, 17	PT8061	3.25
25	PT8062	3.65
35, 35B	PT8063	3.60
41, 42, 44, 46, 47	PT8064	3.25
43	PT8065	3.25
50, 70, 71, 72 for E420	PT8066	$3.70
50, 70, 71, 72 for E180	PT8067	3.25
75, 77	PT8068	3.70
45 (KU)	PT8069	3.20
(Special)	PT8070	3.75
KA 60	PT8071	3.95
FREED EISEMAN		
NR60	PT8072	3.40
NR57A	PT8073	3.40
NR85	PT8074	3.70
NR80	PT8075	3.70
FREED		
55, 56	PT8076	2.35
65, 78, 79, 90, 95	PT8077	2.75
21-22-55-56 25 cycle	PT8078	3.55
220 volt	PT8079	3.55
24-31-32-33-41, 65-78-79-90-95, 25 cycle	PT8080	3.95
220 volt	PT8081	3.95
FRESHMAN		
Q	PT8082	1.95
QD	PT8083	2.65
G60S Fil. Supply	PT8084	.95
G60S Plate Supply	PT8085	2.15
M12	PT8086	4.95
N11	PT8087	5.25
N 25 cycles	PT8088	5.25
GENERAL ELECTRIC		
H31, H51, H71	PT8089	1.70
T41	PT8090	1.64
GRAYBAR		
311	PT8091	1.64
700, 770, 900	PT8092	1.70
600	PT8093	3.25
No. 8 Midget	PT8094	1.80
60-62	PT8095	2.95
RC 3	PT8096	2.75
GENERAL MOTORS		
"A," 120, 130, 140, 150, 160	PT8097	3.70
KENNEDY		
10-20	PT8098	3.70
KELLOGG		
Model K50 (245 Output)		3.95
Model K50 (250 Output)		5.95
KING		
J	PT8099	4.50
KNIGHT		
8/9 (Transformer and Choke)	PT8100	3.75
KOLSTER		
6J, 6K, 6R	PT8101	3.60
6H	PT8102	3.95
K20, K21, 22, 23, 25	PT8103	4.25
K24	PT8104	5.20
K43, K48	PT8105	4.60
K44	PT8106	6.50
K45	PT8107	6.95
MAJESTIC		
70, 71, 72 (7BP6) Plate & Fil. Trans. Complete	PT8108	1.50
90, 91, 92 (9BP6) Plate & Fil. (110V)	PT8109	2.10
70 Plate	PT8110	.90
70 Filament	PT8111	.90
90B, 100B	PT8113	4.00
180 (8P6) Plate	PT8114	4.25
180 (8P6) Filament	PT8115	4.25
130A	PT8116	3.50
130	PT8117	3.50
20 and 50 Series	PT8118	3.75
MARTI		
5	PT8119	4.95
MOHAWK		
90	PT8120	3.70
Set Using Majestic Pack	PT8121	2.70
OZARKA		
90 AC	PT8122	4.75
PEERLESS		
21, 22, 23, 651, 652, 653	PT8123	2.30
(Courier 65)	PT8124	2.49
K-70-20-22	PT8125	4.75
PHILCO		
20, 220	PT8126	$2.45
50, 51	PT8127	2.45
65	PT8128	2.45
70	PT8129	2.45
76, 79	PT8130	2.45
86	PT8131	2.45
87	PT8132	2.45
90 (245 Output)	PT8133	2.45
90 (247 Output)	PT8134	2.45
95, 96	PT8135	2.45
111, 211 (245 Output)	PT8136	2.45
111, 211 (247 Output)	PT8137	2.45
511, 512, 513, 514, 515, 531, 551, 571	PT8138	2.45
RCA		
17, 18, 33, 50, 51	PT8139	1.62
44, 46, 47	PT8140	2.10
60, 62	PT8141	2.10
66	PT8142	3.25
41 Receptor Pack	PT8143	3.75
64, 67	PT8144	7.15
42, 48	PT8145	1.62
80, 82, 86	PT8146	1.70
Superette (8 Tubes)	PT8147	1.90
60 25 cycles	PT8148	3.25
SONORA		
A31 (60 Cycle)	PT8149	3.10
B31 (25 Cycle)	PT8150	4.95
E	PT8151	4.25
STEINITE		
40A-45A	PT8152	3.15
50 (250 Output)	PT8153	4.05
261, 262 Complete Power Pack	PT8154	5.95
40C	PT8155	3.25
SPARTON		
AC7, 62, 63	PT8156	2.28
69, 79, 79A, 89	PT8157	3.52
930	PT8158	3.95
89A	PT8159	5.60
109	PT8160	6.40
101, 110, 111, 574, 870	PT8161	7.35
589, 591, 593, 931	PT8162	3.95
301, 564, 570	PT8163	6.95
600, 610, 620, 737	PT8164	3.90
STEWART WARNER		
101A	PT8165	3.25
530, 535, 715, 720, 750, 801A	PT8166	3.95
102A	PT8167	3.50
202A	PT8168	3.75
STROMBERG CARLSON		
635, 636	PT8169	3.95
641, 642, 652, 654	PT8170	3.55
846, 848	PT8171	3.50
12, 14	PT8172	3.70
25, 26	PT8173	4.95
19, 20	PT8174	3.50
638	PT8175	6.25
846 Speaker Exciter (Power transformer only)	PT8176	4.50
TEMPLE		
SG No. 8	PT8177	4.25
8-60, 8-80, 8-90, 8-61, 8-81, 8-91	PT8178	3.50
VICTOR		
R32, RE45, R52, New Type	PT8179	1.89
14, 15, 17	PT8180	1.62
35, 39, 57	PT8181	1.70
7-11, 7-25, 7-26, 17-8	PT8182	1.62
9-18, 9-54	PT8183	6.95
R7AC	PT8184	1.88
R-32, RE-45, 25 cycle, old type	PT8185	2.65
WESTINGHOUSE		
WR4	PT8186	1.64
WR5, WR6, WR7	PT8187	1.64
ZENITH		
ZE9, 911, 914	PT8188	2.80
50, 60, 70 Series, ZE50, ZE60, ZE70 Power Unit	PT8189	4.10
ZE18	PT8190	3.75

If the transformer you desire is not listed herewith, write for quotations, stating the make and model of the set, and the tubes used. Our price will surely save you money.

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

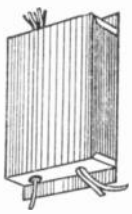
Transformers and Condenser Blocks

Igrad Certified Condenser

A finely constructed filter condenser block. Has a total capacity of 10½ mfd. rated at 500 working volts. Ideal for use as a replacement in innumerable popular receivers. Divided into a number of sections. Heavily wax impregnated. Brand new in original factory package. A certified replacement part. Dimensions 4½ x 4 x 2¾ inches. Has ten individual sections. Supplied complete with color-coded leads.

Cat. No. IC-883.
Our Price **49c**

Brunswick Superheterodyne Replacement Condenser Blocks



For Models 11-12-16-18-33-17-24-25

A complete line of genuine replacement blocks for these popular receivers. Brand new fresh stock—each item guaranteed 100% perfect. Exact replacements for the above mentioned receivers. No extra holes needed to be drilled to mount this condenser—will fit exactly as the old one. Specify tubes in set when ordering.

Cat. No. BB-4114.
Our Price **$2.95**

Majestic Replacement Condenser Blocks

Every block is an exact reproduction of the original Majestic part. We guarantee that each and every component part is equal to or better than the original Majestic specifications. This is our pledge that these blocks will stand up. Each product is backed by our reputation of years of service to the trade. All items are brand new.

Cat. No. CB-4104. MAJESTIC 7BP6. Using 171 Power Tubes. Shipping weight 5 lbs. Price **$1.75**

Cat. No. CB-4105. MAJESTIC 9BP6 (Using 245 Power Tubes). Shipping weight 5 lbs. Price **$1.75**

Cat. No. CB-4106. MAJESTIC 8BP6 (Using 250 Power Tubes). Uses 1000 volt working volt condensers. Shipping weight 5 lbs. .Our Price.... **$3.50**

Cat. No. CB-4107. MAJESTIC MODEL 70 SERIES. Shipping weight 5 lbs. Our Price..... **95c**

Cat. No. CB-4108. MAJESTIC MODEL 90 SERIES. Shipping weight 5 lbs. Our Price..... **95c**

Cat. No. CB-4109. MAJESTIC "B" ELIMINATOR REPLACEMENT BLOCKS. Our Price

Cat. No. CB-4110. MAJESTIC SUPER "B" BLOCK. Shipping weight 5 lbs. Our Price.... **$1.75**

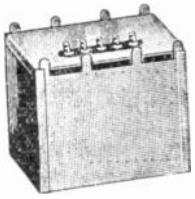
Cat. No. CB-4111. MAJESTIC MASTER "B" ELIMINATOR BLOCK. Our Price..... **$1.75**

Cat. No. CB-4112. MAJESTIC SPECIAL "B" ELIMINATOR BLOCK. Our Price..... **$1.75**

Cat. No. CB-4113. MAJESTIC "A" ELIMINATOR BLOCK. Our Price **$2.25**

Victor Replacement Condenser Blocks for Models R-32, RE-45, R-52, RE-75

For Models R-32, RE-45, R-52, RE75



A replacement condenser for these popular models of Victor receivers. They are guaranteed against any mechanical defects. Contain 1—5 mfd. section, 1—3 mfd. section, one 2.5 and .5 mfd. sections. Each condenser is carefully tested before leaving our laboratories. Housed in a brown metal container.

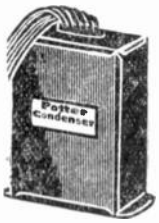
Cat. No. CB-4122A. Price **75c**

LATE VICTOR MODELS

Identical to the above listed condenser but does not have the .5 mfd. tap.

Cat. No. CB-4122.
Our Price **$1.75**

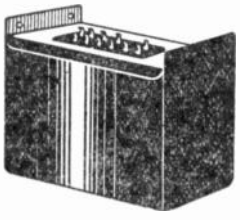
Potter Filter Condenser for Zenith Models



Genuine replacement for Zenith models 22-59. May also be used as replacement in many other receivers and amplifiers now on the market. Contains 1—2 mfd. section, 2—4 mfd. sections, 2—.25 mfd. sections. Size 6½ x 4½ x 2½". Shipping weight 5 pounds.

Cat. No. FC-4118. Price.. **75c**

Brunswick Condenser Blocks For 8-20 and 8-20A

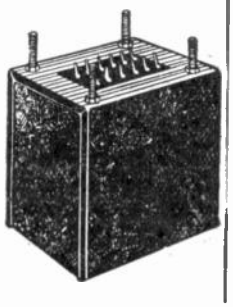


Genuine Brunswick Condenser blocks for the above mentioned receiver. These are the exact, factory built Brunswick condenser blocks, and guaranteed They are not rebuilt jobs such as are floating on the market today.

Cat. No. BB-820A.
Our Price **$4.95**

Genuine Bremer Tully and Brunswick Condenser Blocks

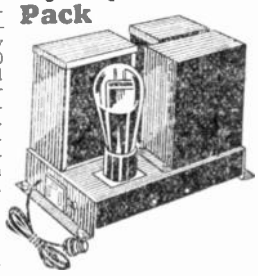
For Brunswick Models 14-21-31, S-14-21-31
Bremer Tully Models 81-82, S-81,S-82



Genuine line of condenser blocks for these popular receivers. Do not confuse these with the so-called genuine blocks being offered at ridiculously low prices. Each item is in perfect condition—as it is received from the factory.

Cat. No. BTB-81.
Our Price **$4.95**

Bremer-Tully 6-40 Power Pack

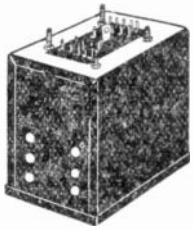


A finely constructed power unit—designed to supply 450 volts at 70 M.A. May be used with high power amplifiers, transmitters, etc. Supplies smooth, hum-free power. Designed for use with the 8-20, 8-20A B.T. receivers. Supplies the following voltages: 450 volts at 70 M.A., 90 volts for detector and R.F. tubes and 135 volts for the first audio stage. Filament voltages of 7.5 volts at 2.5 amperes, 1.5 volts at 4.2 amperes, 2.5 volts at 3.5 amperes. Designed for use with 4—226, 2—227, 2—210. Mounted in a neat crystalline finished case. Requires 1—281 tube.

Cat. No. PP-4120. Bremer-Tully 6-40 Pack. Our Price..... **$14.50**

Cat. No. PP-4121. Bremer-Tully 7-70 Pack. Similar in appearance to the above but for use with P. P. 171A tubes. Uses 280 tube. Our Price **$12.50**

Genuine Bremer-Tully Condenser Block for Models 6-40, 7-70, 8-20, 8-20A



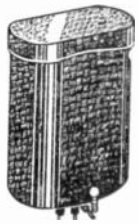
A brand new genuine line of blocks for these extremely popular receivers. The design and physical characteristics are identical to the condenser blocks being used in the above receiver at the present time. They are absolutely guaranteed against any defects.

Cat. No. BT-640.
For Bremer-Tully 6-40. Our Price.. **$3.75**

Cat. No. BT-770.
For Bremer-Tully 7-70. Our Price.. **$4.75**

Cat. No. BT-820.
For Bremer-Tully 8-20. Our Price.... **$5.75**

Genuine Brunswick Audio



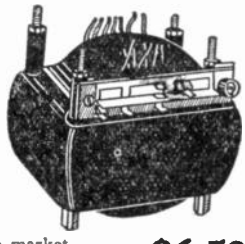
The original parts used in these receivers. Finely made of special core material with coil construction. Produces unrivalled tonal beauty in any receiver.

FIRST STAGE AUDIO TRANSFORMER
Cat. No. AT-4115.
Our Price **$3.50**

SECOND STAGE AUDIO TRANSFORMER
Cat. No. AT-4116.
Our Price **$3.50**

PHONO INPUT TRANSFORMER
Cat. No. IT-4117.
Our Price **$3.50**

Genuine Brunswick Power Transformer B15-22-32-42



A genuine replacement power transformer for these popular receivers. May be used for either 25 or 60 cycle, 110 volts A.C. Supplies 4—224A, 2—245, 1—280. Supplies 360 volts D.C., 2.5 volts at 7 amps., 2.5 volts at 3 amps., 5 volts at 2 amperes. Contains tapped primary for accurate voltage. Can be used as a replacement on most of the receivers now on the market.

Cat. No. PT-4119. Our Price **$6.50**

Everything from a Binding Post to a Transmitter

Use Powertest Blocks for Replacements

REPLACEMENT CONDENSER BLOCKS

The following list of condenser blocks are of the highest quality, and in every case superior to the original in electrical specifications. The physical dimensions have been duplicated in every respect.

In the manufacture of these condensers only the finest parts were used. Every condenser is guaranteed to perform as the original.

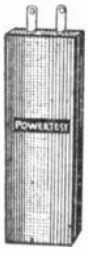
Manufacturer	Cat. No.	Price
AIRLINE		
Series C 7	CBS201	$2.75
ALL AMERICAN MOHAWK		
Model Lyric No. 90	CBS202	2.35
With Maj. Power Pack	CBS203	3.75
APEX		
Model 41	CBS204	1.90
Models 46 & 46A	CBS205	1.75
Models 47 & 47A	CBS206	1.75
Model 80	CBS207	2.85
Complete Power Pack	CBS208	6.95
36-37	CBS209	2.75
48-48A	CBS210	2.35
ATWATER KENT		
Model 36 Condenser Block (Serial below 260,000)	CBS211	1.85
Model 36 Condenser Block (Serial above 260,000)	CBS212	1.85
Model 37-38 Condensers Only (No Chokes)	CBS213	1.15
Model 37-38 Condenser and Choke Assembly	CBS214	1.55
Model 40 Condenser Only	CBS215	1.25
Model 45 Condenser Assembly	CBS216	1.75
Models 46-47 and 53 Condenser Assembly	CBS217	1.75
Models 42, 44, 45 and 52 Complete Power Unit	CBS218	3.85
Models 40, 56 and 57 Complete Power Unit	CBS219	3.85
Models 43, 46, 47 and 53 Complete Power Unit	CBS220	5.95
Model 66	CBS221	2.75
Model 70	CBS222	2.75
Models 55, 55C, Early and Late Type	CBS223	2.55
Models 55F, 55FC, Early and Late Type	CBS224	2.55
Model 85	CBS225	2.50
Model L	CBS226	2.50
Model 96	CBS227	3.50
BALDWIN		
Model 80	CBS228	2.50
BOSCH		
Model 28	CBS229	2.70
Model 20-825	CBS230	4.50
Model 48	CBS231	2.25
Model 58 & 60	CBS232	2.75
Models 5 and 5A	CBS233	1.55
Model 20	CBS234	2.50
Model 40	CBS235	2.50
Model 73	CBS236	2.25
Model 133	CBS237	2.25
Model 31 & 32	CBS238	2.25
Model 91	CBS239	2.75
Model 7A D.C.	CBS240	2.75
Models 59, 59A	CBS241	2.95
BRANDES		
Models B-10 and B-11	CBS242	1.50
Models B-15 and B-16	CBS243	1.85
BREMER TULLY		
Models 8-20A, 8-21A	CBS244	3.15
Models 6-40, 6-41	CBS245	3.50
Models 7-70, 7-71	CBS246	3.70
Models 81 and 82	CBS247	2.50
Models 14-21	CBS248	2.50
BRUNSWICK		
Models PR-17-18	CBS349	1.85
Models 2KR0, 5KR0, 5KR6	CBS250	1.85
Models 5N0, 5NC8, 3NC8	CBS251	2.50
Models S-14 and S-21	CBS252	2.50
Models 15 and 22	CBS253	1.85
Models 81 and 82	CBS254	2.50
COLONIAL		
Midget (6 lead by pass)	CBS255	2.25
28 A.C.	CBS256	2.75
36 (4 lead by pass)	CBS257	1.48
COLUMBIA RADIO		
Model Screen Grid 8	CBS258	2.60
COLUMBIA-KOLSTER		
Model C-5	CBS259	3.25
Models C-6, C-7	CBS260	2.00
Model 961	CBS261	3.25
COLUMBIA KNIGHT		
Screen Grid	CBS262	2.20
CROSLEY		
124	CBS263	2.25
EARL, C. A.		
Models 21 and 22	CBS264	2.40
Models 31, 31S, 32, 32S, 33, 33S	CBS264	2.40
Model 41	CBS265	2.40
EDISON		
Model E2	CBS267	$4.95
Models R-4, R-5, C-4	CBS268	2.75
Models Jr. SRC3	CBS269	4.95
R-4, R-5, C4 25 cycle	CBS270	4.95
R6, R-7	CBS271	2.75
EVEREADY		
Models 30, 40	CBS272	2.75
1, 2, 3	CBS273	2.60
50	CBS274	2.75
ERLA		
A-2	CBS275	3.75
FADA		
Models 25, No. 1780X	CBS276	2.75
Models 35, 35Z, No. 1790X	CBS277	2.75
Model 25 (Late) No. 1801X	CBS278	3.00
Models 42, 44, 46, 47, No. 1830X	CBS279	2.75
Models 50, 70, 71, 72, 75, 77, E420, No. 1492MS	CBS280	3.75
Models 10, 11, 30, 31	CBS281	3.00
Models 16, 17, 20, 32	CBS282	3.25
Model KA60	CBS283	3.75
E-180 (18) "Special"	CBS284	3.75
FEDERAL		
D, E, F, G	CBS285	1.50
K	CBS286	1.75
FREED		
Models 55, 56	CBS287	2.25
Models 65, 78, 79, 90 and 95	CBS288	2.25
FREED-EISEMANN		
Model NX57	CBS289	1.85
Model 411	CBS290	2.75
Model 480 A.C.	CBS291	1.85
Model 480 D.C.	CBS292	2.25
NR 85	CBS283	2.95
NR 60	CBS294	2.50
NR 70	CBS295	2.95
NR 80	CBS296	1.50
FRESHMAN		
Model "Q"	CBS297	.95
Model "QD"	CBS298	2.50
Model N (All Models)	CBS299	3.25
Model G-60S	CBS300	2.25
Model M-60S	CBS301	2.95
Model M-12	CBS302	3.25
GENERAL ELECTRIC		
Model T-41	CBS303	5.50
Models H-31, 51 and 71	CBS304	4.00
GENERAL MOTORS		
Models 120, 130, 140, 150, 160, "A" Chassis	CBS305	3.75
GRAYBAR		
Model 311	CBS306	1.85
Models 44, 46, 47	CBS307	2.50
Models 700, 770, 900	CBS308	4.00
Models 60, 62	CBS309	1.85
RC 3	CBS310	4.95
GREBE		
Model AC-6	CBS311	3.00
Model SK-4	CBS312	2.00
SH 4	CBS314	3.50
KING		
J	CBS315	4.25
KOLSTER-COLUMBIA		
Model 6-H	CBS316	3.15
Models 6J, 6K, 6R	CBS317	2.25
Models K20, 22, 25, 27	CBS318	1.70
Models K21, K23	CBS319	1.95
Model K-24	CBS320	3.25
Models K-43, K-48	CBS321	1.95
Model K-44	CBS322	2.25
Model K-45	CBS323	3.25
Model 90	CBS324	4.50
Model 901	CBS325	4.50
Model C6	CBS326	3.25
JACKSON BELL		
Model 62	CBS327	4.95
MAJESTIC		
Model 70, Series 7 PB6 Power Unit	CBS328	.95
Model S0-180, 8P6 Power Unit	CBS329	1.95
Model 90, Series 9PB6 Power Unit	CBS330	.95
Models 90-B, 100-B	CBS331	1.65
Model 50	CBS332	2.25
Model 20 including Choke and Input	CBS333	4.75
Super B and Master B	CBS334	1.25
Special Master B	CBS335	1.25
130, 130A	CBS336	4.15
"A" Elim.	CBS337	2.75
No. 30	CBS338	2.95
MAYFLOWER		
8	CBS339	2.25
OZARKA		
90 AC	CBS340	$3.75
PEERLESS		
Model 65-70	CBS341	2.50
PHILCO		
Model 20	CBS342	3.95
Model 65, Part No. 3515, 25 Cycle	CBS343	1.85
Model 87, Part No. 3401	CBS344	1.85
Models 76 and 77	CBS345	3.95
Models 511, 512, 513, 514, 515, 531, 551, 571	CBS346	3.50
Model 220	CBS347	3.95
Model 82	CBS348	1.85
Model 66	CBS349	1.85
62, Part No. 3654	CBS350	1.85
RCA-RADIOLA		
Models 17 and 50	CBS351	1.40
Models 18, 33 and 51	CBS352	1.40
Model 30-A Filter	CBS353	2.25
Model 30-A By Pass	CBS354	2.25
Models 44, 46 and 47	CBS355	2.35
Model 60	CBS356	1.85
Model 62 Filter	CBS357	2.15
Model 64 Filter Block	CBS358	5.50
Model 66 Filter Block	CBS359	1.85
Model 67 Filter Block	CBS360	5.50
Models 80, 82 and 86	CBS361	2.65
Model 41 Receptor Pack	CBS362	2.95
Models 42 and 48	CBS363	4.95
30A	CBS364	5.75
SONORA		
E	CBS365	2.80
SPARTON		
Model 109	CBS366	2.35
Model AC-5	CBS367	2.50
Models AC-7, 62 and 63	CBS368	3.00
Models 69, 79 and 89	CBS369	2.65
Model 301-A	CBS370	3.25
Models 930 and 931	CBS371	2.35
SPLITDORF ABBEY		
Model 171	CBS372	3.30
M5	CBS373	4.50
STEINITE		
Model 40	CBS375	3.35
Model 50	CBS375	3.05
Model 70	CBS376	2.85
Model 45	CBS377	3.25
261 (Complete Power Pack)	CBS378	5.95
STEWART-WARNER		
Models Using Majestic Power Unit	CBS379	3.95
530, 535, 715, 720, 750, 801	CBS380	3.95
STROMBERG-CARLSON		
Models 635 and 636	CBS381	3.50
Model 638	CBS382	3.50
Models 641, 642, 652 and 654	CBS383	4.75
Models 846 and 848	CBS384	4.25
Models 641, 642, 652 and 654 Filter Conductor	CBS385	3.85
Models 641, 642, 652 and 654 Output Assembly	CBS386	5.50
TEMPLE		
SG No. 8	CBS387	2.63
8-60, 8-80, 8-90, 8-61, 8-81, 8-91	CBS388	4.50
U. S. RADIO & TELEVISION		
36-37	CBS389	2.75
41	CBS390	2.15
46-46A	CBS391	1.75
47-47A	CBS392	1.75
80	CBS393	2.85
48-48A	CBS394	2.35
VICTOR		
Model 9-18	CBS295	5.50
Models R-32, RE-45, R-52, RE-75	CBS396	.95
Models 34, 35, 39 and 57	CBS397	3.15
Models 7-11, 7-26	CBS398	1.85
Model 7-25	CBS399	1.85
Models 14, 15 and 17	CBS400	5.50
AP 736 Power Unit	CBS401	4.75
WILLARD		
"B" Elim.	CBS402	2.95
ZENITH		
Model ZE-10 Power Unit	CBS403	2.95
Models ZE-11, Z-14 Power Unit No. 22-41	CBS404	2.95
Model ZE-13, Power Unit No. 22-46	CBS405	3.95
Model ZE-18, Power Unit No. 22-57	CBS406	4.25
ZE8 (2 Blocks 13-7)	CBS407	6.95
ZE6	CBS408	4.95
ZE9, 11E, 14E	CBS409	2.80
ZE6	CBS409A	4.95

POWER TEST

HY-VOLTAGE DRY ELECTROLYTIC CONDENSERS

CONDENSERS can be no better than the experience put into them. Distinctive Powertest processes, evolved from a wealth of experience, produce a very superior product—a fact readily proved by comparative tests.
These Dry Electrolytic Condensers can be mounted in any position. The leakage current of these units is very low, they are surge proof and self healing. Powertest condensers comprise the most complete line of Dry Electrolytic capacitors on the market, because of their unusual value for both original installation and replacement use.
They are unaffected by extremely low temperature. Quick replacements can easily be made without even removing the inoperative condenser from the set.
When connecting any electrolytic condensers observe the polarity of the terminals and never use them on raw alternating current.

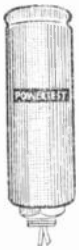
Single Sections Cardboard Containers



These condensers are supplied in four series of peak voltage ratings. Lower capacity sections, in horizontal instead of vertical are listed elsewhere on this page.

Cat. No.	Cap. Mfd.	D.C. Peak Voltage	Dimensions	Price
803	4	500	4¼x1⅛x⅝	**$.35**
804	6	500	4¼x1⅛x⅞	**.40**
805	8	500	4¼x1⅛x⅞	**.41**
805A	10	500	4⅜x1⅜x1¼	**.63**
805B	12	500	4⅜x1⅜x1¼	**.73**
SC10	10	110	4¼x1⅛x⅝	**.36**
SC25	25	110	4¼x1⅛x⅞	**.41**
SC52	25	50	4¼x1⅛x⅝	**.36**
SC50	50	50	4¼x1⅛x⅞	**.42**
SC51	50	25	4¼x1⅛x⅝	**.36**
SC53	100	25	4¼x1⅛x⅞	**.42**

Single Hole Mounting Dry Electrolytic Condensers



Since these units are absolutely dry they can be mounted in any position without in any way affecting their efficiency. When mounted as inverted units, with the terminal projecting down under the sub-panel, wiring is simplified and a clean cut job, without unsightly wiring is assured on the upper side of the sub-panel. Leads protruding from condenser are color coded.

Cat. No.	Capacity Mfd.	Diameter	Length	Price
807	2	1½"	2⅛"	**$.40**
808	4	1½"	2⅛"	**.42**
809	8	1½"	4⅛"	**.53**
8090	12	1½"	4¼"	**.98**
810	4-4	1⅜"	4⅛"	**.73**
810A	8-4	1½"	4⅜"	**.93**
811	6-6	1½"	4⅜"	**.93**
811A	8-8	1½"	4⅜"	**1.10**

All of these condensers have a peak voltage of 500 volts D.C.

Multiple Sections Large Round Cans Inverted Mounting

Single hole mounting is a valuable feature of this model. Uses ¾-inch hollow mounting stud, fitting the standard hole required for single unit inverted electrolytics. Separate color coded leads are brought out from each section.

Cat. No.	Cap. Mfd.	Length	Diameter	Price
S148	4-8	4⅝"	2½"	**$1.06**
S166	6-6	4⅝"	2½"	**1.06**
S168	6-8	4⅝"	2½"	**1.21**
S188	8-8	4⅝"	2½"	**1.29**

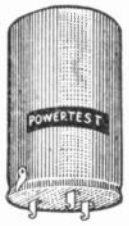
All of these condensers have a peak voltage of 500 volts D.C.

Midget Type Electrolytic Condensers

In tremendous demand as a replacement part for the latest console and midget receivers. Extremely well designed to produce steady capacity under all operating conditions.

Cat. No.	Capacity	Peak Volt.	Price
PC-44	4-4 (Common Neg.)	175	**46c**
PC-48	4-8 (Common Neg.)	175	**62c**
PC-88	8-8 (Common Neg.)	175	**70c**
PC-168	16-8 (Common Neg.)	175	**86c**
PC-168-CP .	16-8 (Common Pos.)	175	**92c**
PC-55	5-5 (Common Pos.)	35	**32c**
PC-555	5-5-5 (Common Pos.)	35	**46c**

Multiple Section Dry Electrolytic Condensers



Made to fill the requirements of manufacturers, experimenters and servicemen for multiple section electrolytic condensers, in the round type can originally used for both wet and dry condensers. They can be used as either original or replacements where a sturdy, metal case, compact multiple section electrolytic condenser is required.
All units are provided with screw terminals and fitted with soldering lugs.
They may be mounted in any position by means of suitable mounting rings.
The condensers are all of the 4⅜-inch standard length. All are rated at 400 working voltage and 500 peak voltage.

Cat. No.	Cap. of Mfd. Sect.	Total Cap. Mfds.	Diameter of Can	Price
MM44	4-4	8	2½"	**$1.15**
MM444	4-4-4	12	2½"	**1.20**
MM4444	4-4-4-4	16	3"	**1.95**
MM88	8-8	16	2½"	**1.15**
MM888	8-8-8	24	3"	**1.55**
MM8888	8-8-8-8	32	3"	**2.05**
MM99	9-9	18	2½"	**1.20**
MM248	2-4-8	14	2½"	**1.35**
MM288	2-8-8	18	3"	**1.95**
MM2816	2-8-16	26	3"	**2.05**
MM448	4-4-8	16	2½"	**1.80**
MM515	5-15	20	2½"	**1.25**
MM1818	18-18	36	3"	**2.20**
MM9918	9-9-18	36	3"	**2.25**
MM1188	8-8-18-18	52	3½"	**3.20**
MM9988	9-9-18-18	54	3½"	**3.20**

Flat Mounting Cardboard Electrolytics

These models are similar to the upright type, but use two mounting flanges, with a mounting eyelet in each, which are part of the box, adapting it for flat mounting. Separate terminals are brought out from each section.

Cat. No.	Cap. Mfd.	D.C. Peak Voltage	Dimensions	Price
SC8	8	500	4¼x1⅜x1¼	**$.49**
SC46	4-6	500	4¼x1⅜x1¼	**.80**
SC44	4-4	500	4¼x1⅜x1¼	**.70**
SC48	4-8	500	4¼x1⅜x1¼	**.90**
SC66	6-6	500	4¼x1⅜x1¼	**.89**
SC68	6-8	500	4¼x1½x1⅞	**.98**
SC88	8-8	500	4¼x1½x1⅞	**1.03**

Dry Electrolytic Cartridge Condensers

Constructed in strong round tubes, self-supporting with 2 inch base wire leads. This type is now widely adapted for audio by-passing, offering high capacity in small space at low cost.

Cat. No.	Cap. Mfd.	D.C. Work. Voltage	Dimensions	Price
SC525	5	25	2¼x ⅝	**$.19**
MC75	7.5	25	2⅛x ¾	**.20**
MC10	10	25	2⅛x ¾	**.20**
MC25	25	25	2⅛x1⅛	**.20**
SC5025	50	25	2¼x1¼	**.29**
MC250	2	50	2⅛x ¾	**.23**
MC550	5	50	2⅛x 1⅛	**.24**
MC750	7.5	50	2⅛x1⅛	**.25**
MC1050	10	50	2⅛x1⅛	**.25**
SC2550	25	50	2¼x1¼	**.37**
MC2100	2	100	2⅛x ¾	**.23**
MC5100	5	100	2⅛x1⅛	**.29**
SC1000	10	100	2¼x1¼	**.39**
MC1200	1	200	2⅛x ¾	**.29**
MC2200	2	200	2⅛x 1⅛	**.30**
SC4200	4	200	2¼x1¼	**.39**

Multiple Sections

These multiple section condensers are made in two types. One type is a plain cardboard container for sub-panel or sub-base mounting, the other a rectangular aluminum can for mounting above base.
Sections are thoroughly insulated from each other and from the container. Separate terminal lugs are brought out from each section. Overall height 4⅜ inches. Peak voltage 500 volts D.C.

CARDBOARD CONTAINERS

Cat. No.	Capacity	Dimensions	Price
MS44	4-4	4⅜x1⅜x1¼	**$.70**
MS46	4-6	4⅜x1⅜x1¼	**.80**
MS48	4-8	4⅜x1⅜x1¼	**.90**
MS66	6-6	4⅜x1⅜x1¼	**.90**
MS68	6-8	4⅜x1½x1⅞	**1.00**
MS88	8-8	4⅜x1½x1⅞	**1.05**
MS444	4-4-4	4⅜x2⅛x1⅞	**1.00**
MS666	6-6-6	4⅜x2⅛x1⅞	**1.15**
MS888	8-8-8	4⅜x2⅛x1⅞	**1.40**

RECTANGULAR METAL CANS

Cat. No.	Capacity	Dimensions	Price
RS44	4-4	4⅜x1⅜x1¼	**$.86**
RS46	4-6	4⅜x1⅜x1¼	**.90**
RS48	4-8	4⅜x1⅜x1¼	**.98**
RS66	6-6	4⅜x1⅜x1¼	**.98**
RS68	6-8	4⅜x1½x1⅞	**1.10**
RS88	8-8	4⅜x1½x1⅞	**1.29**
RS444	4-4-4	4⅜x2⅛x1⅞	**1.08**
RS666	6-6-6	4⅜x2⅛x1⅞	**1.30**
RS888	8-8-8	4⅜x2⅛x1⅞	**1.60**

Stud Round Cans With Mounting

Single section units in round aluminum cans, 1⅜ inches diameter. A ¼ inch diameter threaded mounting stud is attached to the bottom. The negative terminal is grounded to the can; the positive connection is made to a lug at the bottom.

Cat. No.	Cap. Mfd.	D.C. Peak Voltage	Dimensions Height	Dimensions Diam.	Price
SS1025	10	25	1¾	1⅜	**$.40**
SS2525	25	25	1¾	1⅜	**.45**
SS1050	10	50	1¾	1⅜	**.44**
SS2550	25	50	1¾	1⅜	**.50**
SS2220	2	220	2⅝	1⅜	**.36**
SS4220	4	220	2⅝	1⅜	**.38**
SS2500	2	500	2⅝	1⅜	**.38**
SS4500	4	500	2⅝	1⅜	**.45**
SS6500	6	500	4⅞	1⅜	**.51**
SS8500	8	500	4⅞	1⅜	**.57**

Single Section Cardboard Containers

Small and compact—requires a minimum amount of space. Mounted in a wax cardboard container. Withstands extreme amount of temperature without damage or capacity change.

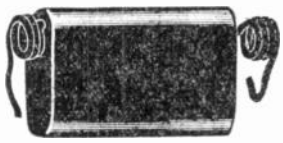
Horizontal Mounting

Cat. No.	Cap. Mfd.	D.C. Peak Voltage	Dimensions	Price
BS2500	2	500	⅛x2½x⅛	**$.32**
BS2350	2	350	¾x2⅛x¾	**.30**
BS2220	2	220	¾x2⅛x¾	**.27**
BS4220	4	220	⅛x2⅛x⅛	**.32**
BS5110	5	110	⅛x2⅛x¾	**.32**
BS1050	10	50	¾x2⅛x¾	**.32**
BS1025	10	25	¾x2⅛x¾	**.30**
BS2525	25	25	⅛x2⅛x⅛	**.35**

Prompt Service - Shipments within 24 Hours

By-Pass & Fixed Condensers

Powertest Non-Inductive Hangup Replacement Condensers



These wax sealed paper dielectric sections are coated with wax which thoroughly protects sections from moisture. Two wire leads extend from each condenser which facilitates service work when repairing sections for filter blocks or by-pass condensers.

Cat. No.	Cap.	Work Voltage	Size	Our Price
842	.1	400	⅜x⅞x1¾	$.14
843	.25	400	⅜x⅞x1¾	.16
844	.5	400	⅝x1⅛x1¾	.22
845	.5	400	⅜x1½x3⅛	.22
846	1.	400	⅝x1⅛x3⅛	.36
847	2.	400	1x2⅛x3⅛	.77
848	1.	400	⅞x1⅜x4⅜	.36
849	.1	600	⅝x1⅛x1⅛	.18
850	.25	600	⅜x1½x3¼	.20
851	.5	600	⅝x1⅛x3¼	.31
852	1.	600	⅞x2⅛x3¼	.54
853	2.	600	⅞x1⅜x4⅜	.62
854	.5	1000	⅝x1⅜x4⅜	.48
855	1.	1000	1⅛x2⅛x4⅜	.67
856	2.	1000	2⅛x2⅛x4⅜	1.16
857	.1	1250	⅜x1⅝x4⅜	.28
858	.5	1250	⅞x7⅞x4⅜	.78
859	1.	1250	1⅜x1⅞x4⅜	.96

Sangamo Mica Condensers

Considered the finest for all-around radio use. Enclosed in a bakelite case. Guaranteed to be within 10% of rated capacity. Will stay accurate permanently.

Cat. No. 3988
Sangamo Type A

Mfd.	Our Price
.001	29c
.002	29c
.003	35c
.004	35c
.005	41c
.006	50c
.008	59c
.01	67c
.015	70c

.00005, .0001, .00015, .00025, .0005 — **23c**

Resistor Clips—per pair **6c**

Sprague Condenser

Metal cased. Long lasting. Excellent for by-passing, filter circuit, bias resistance, etc. Handy lugs for easy soldering. Capacity .1.

Cat. No. 3930.
Our Price **25c**

Potter .1 Mfd. By-Pass Condenser

A compact metal cased by-pass and low voltage filter condenser. Ideal for set service work. Finished for ready mounting. With stranded three-inch flexible leads. Rated at 200 working volts.

Cat. No. C-4012.
Our Price **10c**

Igrad Cell Type By-Pass

Compact in size with flexible tin terminal strips. Requires no mounting. Merely solder in place. Heavily wax impregnated. Mounted in neat cardboard container. May be placed in position in a few minutes.

Cat. No. C-4013. 200 v. rating .04 mfd. Our Price **14c**

Cat. No. C-4014. 400 v. rating .05 mfd. Our Price **14c**

Capacitator Kit

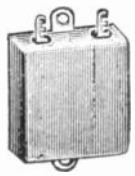
A handy kit for the serviceman. Consists of condensers for any type of set. Has a varied assortment of those commonly and rarely used. Quantities, capacities, and voltages are listed.

Cat. No. 882
Price of Kit **$6.50**

Quantity	Capacity	Voltage
2	.0001 mfd.	600 D.C.
3	.00025 mfd.	600 D.C.
2	.001 mfd.	400 D.C.
2	.002 mfd.	400 D.C.
3	.006 mfd.	400 D.C.
3	.01 mfd.	400 D.C.
6	.02 mfd.	400 D.C.
4	.05 mfd.	400 D.C.
6	.1 mfd.	200 D.C.
6	.1 mfd.	400 D.C.
4	.25 mfd.	200 D.C.
3	.25 mfd.	400 D.C.
3	.5 mfd.	200 D.C.
3	.5 mfd.	400 D.C.

Powertest .1-.1 By-Pass Condensers

A very popular sized condenser, comes encased in metal container. Tested at 300 volts.



Cat. No. 3936.
Our Price **25c**

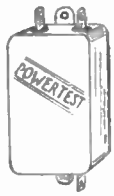
Polymet Condenser

Widely used as grid condensers, plate by-passing, for impedance and resistance coupling. Will withstand voltages up to 300. Power factor and radio frequency loss very low. Capacity .1.

Cat. No. 3931.
Our Price **25c**

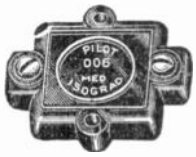
Powertest .01-.01 Condenser

Tested at 400 volts D.C. Contains two .01 mfd. condensers. Equipped with two brackets to facilitate mounting.



Cat. No. 3987.
Our Price **19c**

Pilot Bakelite Fixed Condensers



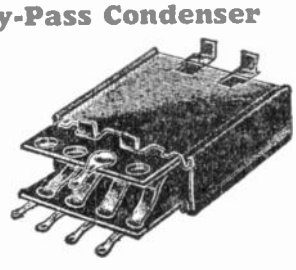
A series of fixed condensers for special mountings where threaded bushings, moulded into the condensers, are required. Also recommended for permanent laboratory setups and temporary connections, for which the threaded terminals are particularly convenient.

Cat. No.	Capacity	Cat. No.	Capacity
3919	.00002	3928	.00045
3920	.00003	3929	.0005
3921	.00004	3930	.0015
3922	.00005	3931	.002
3923	.00006	3932	.0025
3924	.00007	3933	.003
3925	.00015	3934	.004
3926	.00025	3935	.005
3927	.00035		

Our Price **15c**

R.C.A. By-Pass Condenser

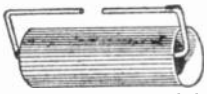
Adaptable for R.F. circuits which specify by-passing. Contains 1-.5 mfd. section and 3-.1 sections. Sealed in metal container and tested at 400 volts. A handy unit for the serviceman.



Cat. No. 3918
Our Price **15c**

Cartridge By-Pass and Filter Condenser

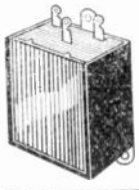
The popular roll type wax paper insulated condenser. A certified product. Ideal for all purposes. A full assortment of all voltage ratings and capacities are available for all purposes. Heavily impregnated in moisture-proof wax with flexible pigtail leads.



Cat. No. C-4017.—
Tubular paper Condensers thoroughly impregnated in wax. The handiest type to use.

Cap'y. Mfd.	Work Volts	Your Cost	Cap'y. Mfd.	Work Volts	Your Cost
.01	200	8c	.06	400	12c
.02	200	8c	.1	400	12c
.03	200	9c	.2	400	15c
.05	200	9c	.25	400	16c
.1	200	10c	.3	400	18c
.2	200	11c	.5	400	22c
.25	200	11c	.1-.1	400	22c
.3	200	16c	.05-.05	400	25c
.5	200	15c	.004	600	10c
.1-.1	200	17c	.005	600	10c
.2-.2	200	23c	.006	600	10c
.01	400	10c	.01	600	10c
.02	400	10c	.015	600	12c
.03	400	11c	.02	600	12c
.05	400	11c	.1	600	16c

Polymet Dual .5 Metal Cased By-Pass Condenser



Small in size. Ideal for receiver by-pass replacement. Rated at 300 working volts D.C. Mounted in neat metal can. Readily fastened in position. Capacity .5 mfd each section. Polymet's reputation assures long trouble-free service.

Cat. No. C-4020.
Our Price **39c**

Fast .5 Mfd. Metal Can By-Pass Condenser

A very popular number. Rated at .5 mfd.-200 working volts. Terminals are solder lugs. Side eyelets for ready mounting.

Cat. No. C-4018.
Our Price **19c**

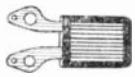
Pilot .1 Mfd. Non-Inductive By-Pass Condenser

A non-inductive type filter and by-pass condenser. Has tinned flexible strip terminals. Ideal for short wave apparatus construction. Cardboard cased wax impregnated. Rated at 300 working volts.

Cat. No. C-4019.
Our Price **19c**

Sprague Midget Condensers

Ideal for all by-pass, feed, and low voltage filter uses. One of the most compact paper condensers on the market. Conservative rating. Designed for continuous duty at rated voltage. Available in two sizes only. Moisture-proof heavily impregnated. Ideal for all purposes.



Cat. No. C-4015. 400 working volts .006 mfd. Our Price **9c**

Cat. No. C-4016. 400 working volts .1 mfd. Our Price **9c**

Micamold By-Pass Condenser Strip

Contains the following condenser units—2-.1, and 1-.5 mfd. condenser. For use where replacement condensers are necessary.

Cat. No. 3957.
Our Price **23c**

Finest Quality Paper Dielectric Condensers

The Significance Of The Trade-Mark WEGO FULTIME:

Ever since 1913 WEGO condensers have set new high standards in the field of paper dielectric condensers. Unstinted efforts and the clear conviction of an ideal to attain have, through the co-operative efforts of the research engineers, designers and factory operatives evolved processes entirely new and different, materials so vastly improved and so far better than the usual that the results have astounded a grateful industry.

***WEGO FULTIME*—Always on the job because of their extreme dependability and reliability. "WE-GO FULTIME" No wonder then that "GREEN FOR SAFETY" properly and adequately characterizes these fine condensers.**

200 Volt Bypass

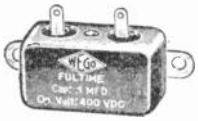
Rated at 200 Volts D.C. (115 Volts Rect. A.C.)

A low voltage bypass condenser for radio and audio frequencies, in an inverted drawn metal case. Note the small, neatly designed container.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
EB-10	.1 mfd.	¾"	1¾"	1"	$.18
EB-25	.25	¾"	1¾"	1"	.21
EB-50	.5	¾"	1¾"	1"	.24
EB-100	1.	¾"	2"	1⅞"	.32
EB-200	2.	1⅛"	2"	1⅞"	.53
EB-400	4.	1¾"	2"	1⅞"	.95

400 Volt Filter

Rated at 400 Volts D.C. (230 Volts Rect. A.C.)



In small, green enamel, drawn metal case. For use only as AF and RF bypass on high voltage D.C. receiver circuits. These units are used by servicemen who appreciate quality products.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
EF-10	.1 mfd.	¾"	1¾"	1"	$.24
EF-25	.25	¾"	1¾"	1"	.26
EF-50	.5	¾"	1¾"	1"	.32
EF-100	1.	¾"	2"	1⅞"	.42
EF-200	2.	1⅛"	2"	1⅞"	.63
EF-400	4.	1¾"	2"	1⅞"	1.27

250 Volt Bypass

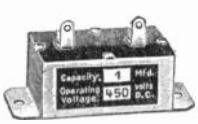
Rated at 250 Volts D.C. (120 Volts Rect. A.C.)

An utterly brand new type of small low voltage condenser, designed for hard usage. Rugged terminals, mounted on a large insulating strip afford durability under many re-soldering operations.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
JB-10	.1 mfd.	¾"	1¾"	1"	$.26
JB-25	.25	¾"	1¾"	1"	.29
JB-50	.5	¾"	1¾"	1"	.32
JB-100	1.	¾"	1¾"	1"	.42

450 Volt Filter

Rated at 450 Volts D.C. (240 Volts Rect. A.C.)



Uniformity, neatness and precise construction characterize these small, fine condensers. Demand them and get utmost satisfaction.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
JF-10	.1 mfd.	¾"	1¾"	1"	$.40
JF-25	.25	¾"	1¾"	1"	.45
JF-50	.5	¾"	1¾"	1"	.48
JF-100	1.	¾"	1¾"	1"	.58

300 Volt Bypass

Rated at 300 Volts D.C. (150 Volts Rect. A.C.)

Another new and novel type of condenser. Watchcase thinness, for use in limited space. These newly developed condensers have been placed on the market after many years of experimental research and are the thinnest ever offered.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
MB-10	.1 mfd.	2"	1¾"	⅜"	$.34
MB-25	.25	2"	1¾"	⅜"	.40
MB-50	.5	2"	1¾"	⅜"	.42
MB-100	1.	2"	1¾"	⅜"	.50
MB-200	2.	2"	1¾"	¾"	.82
MB-400	4.	2"	1¾"	1¼"	1.18

600 Volt Uncased Bypass & Filter

Rated at 600 Volts D.C. (440 Volts Rect. A.C.)

Superlatives do not adequately describe these small, well built units which stand ACE High with the Service Technicians. For replacing defective blocks and single condensers of all types with a rating of up to 600 Volts D.C. working voltage, there are none better. You can tell by the finer points of construction. They are surely the universal replacement units to use.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
UN-10	.1 mfd.	1¾"	1⅛"	⅛"	$.21
UN-25	.25	1¾"	1¼"	⅛"	.24
UN-50	.5	1¾"	1⅜"	½"	.29
UN-100	1.	1¾"	1¾"	¾"	.45
UN-200	2.	1¾"	2¼"	1⅜"	.69
UN-201	2.	3½"	2¼"	¾"	.69
UN-400	4.	3½"	2"	1½"	1.17

600 Volt Filter

Rated at 600 Volts D.C. (440 Volts Rect. A.C.)

No exaggeration, but the very smallest, the most compact and the most dependable units of their rating made. Here is a condenser which has found wide and immediate acceptance throughout the trade. You'll use them always once you have tried them.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
HV-10	.1 mfd.	2"	1⅛"	⅝"	$.48
HV-25	.25	2"	1½"	⅝"	.56
HV-50	.5	2"	1¾"	⅝"	.61
HV-100	1.	2"	1¾"	⅝"	.66
HV-200	2.	2"	1¾"	1¼"	1.06
HV-400	4.	2"	1¾"	2⅛"	1.85

400 Volt Tubular Bypass

Rated at 400 Volts D.C. (220 Volts Rect. A.C.)

These small, compact and efficient units come in three sizes, but they'll fill the bill in the best possible way. They are impregnated in several special-process vacuum vats and the containers are small, well insulated and light in weight yet very strong and durable.

Type	Capacity	Dimensions	Our Price
TL-10	.1 mfd.	2" long x 1/4" dia.	$.24
TL-25	.25	2" long x 5/16" dia.	.26
TL-50	.5	2" long x 13/32" dia.	.32

800 Volt Filter

Rated at 800 Volts D.C. (660 Volts Rect. A.C.)

Again we are miles ahead in engineering, perfection and performance. Tiny, but reliable! The capacity tolerance has been brought down to within 5% plus or minus, as closely as the most advanced engineering skill will permit. The ratings are most conservative and are in strict accord, not with old fashioned antiquated concepts but with recognized advanced engineering practice.

Type	Capacity	Dimensions Height	Width	Depth	Our Price
HS-10	.1 mfd.	2"	1¼"	5/16"	$.58
HS-25	.25	2"	1¼"	⅜"	.63
HS-50	.5	2"	1½"	⅜"	.69
HS-100	1.	2"	1¼"	1¼"	.90
HS-200	2.	2"	1¼"	2⅜"	1.46
HS-201	2.	4⅝"	2⅜"	¾"	1.46
HS-400	4.	4⅝"	2⅜"	1¼"	2.38
HS-401	4.	4½"	1¾"	1¼"	2.38

600 Volt Tubular Bypass & Filter

Rated at 600 Volts D.C. (440 Volts Rect. A.C.)

Without doubt the best of their kind. Smallest in size, greatest in strength, both physically and electrically, for use in all construction and repair work. THE Television condenser.

Type	Capacity	Dimensions	Our Price
TW-A	.0001 mfd.	1⅜" long x 1/4" dia.	$.16
TW-B	.0002	1⅜" long x 1/4" dia.	.16
TW-C	.00025	1⅜" long x 1/4" dia.	.16
TW-D	.0005	1⅜" long x 1/4" dia.	.16
TW-E	.001	1⅜" long x 1/4" dia.	.16
TW-F	.002	1⅜" long x 1/4" dia.	.16
TW-G	.005	1⅜" long x 1/4" dia.	.18
TW-H	.006	1⅜" long x 1/4" dia.	.18
TW-I	.01	1⅜" long x 1/4" dia.	.18
TW-J	.02	2¼" long x 1/4" dia.	.21
TW-K	.03	2¼" long x 1/4" dia.	.21
TW-L	.04	2¼" long x 1/4" dia.	.21
TW-M	.05	2¼" long x 1/4" dia.	.21
TW-N	.06	2¼" long x 1/4" dia.	.26
TW-O	.08	2¼" long x 1/4" dia.	.26
TW-P	.1	2¼" long x 1/4" dia.	.26

We Guarantee to MEET or BEAT competition-

X-Mitting Condensers

750 Volt X-Mitter Filter

Rated at 750 Volts D.C. (650 Volts Rect. A.C.). Test Voltage 3000 Volts D.C. Especially designed for low power, airplane and portable amateur transmitters. Light, neat, trim and efficient.

Type	Capacity	Dimensions Heig't	Width	Depth	Our Price
HR-100	1 mfd.	2"	1¼"	2⅜"	$1.06
HR-200	2	2"	2¾"	2⅜"	1.59
HR-400	4	4⅛"	2¾"	2"	2.65

1000 Volt X-Mitter Filter

Rated at 1000 Volts D.C. (750 Volts Rect. A.C.) Test Voltage 3500 Volts D.C. Designed for all around use and incorporating the most desirable features, making this type the standard of comparison.
Wego-made condensers are in use by many thousands of amateurs and more than 500 broadcasting stations in the U. S. A. They represent, by far, the finest condensers that can be purchased.

Type	Capacity	Dimensions Heig't	Width	Depth	Our Price
HP-100	1 mfd.	4½"	1¾"	1¾"	$1.59
HP-200	2	4½"	2¾"	1⅝"	2.65
HP-400	4	4½"	3⅛"	2¾"	4.76

1500 Volts X-Mitter Filter

Rated at 1500 Volts D.C. (1000 Volts Rect. A.C.) Test Voltage 4000 Volts D.C. This type is for use by the amateur who wants dependability at a price well within his reach.

Type	Capacity	Dimensions Heig't	Width	Depth	Our Price
HT-100	1 mfd.	4½"	1¾"	1¾"	$1.99
HT-200	2	5"	4¾"	2⅝"	3.44
HT-400	4	5"	4¾"	2⅝"	5.82

Powertest "Power" Filter Electrolytic Condenser

800 Volts Working

1000 Volts Peak

These newly developed electrolytics make possible the construction of transmitters and power amplifiers at extremely low cost.

They are encased in a special impregnated can. Scientifically designed, built to operate safely at their rated working voltages.

Cat. No.	Capacity	Size	Our Price
819	2	1¼x2¼x5" High	$.80
820	4		1.09
821	8		1.85

Dual Bypass Condensers

This compact unit consists of two high grade paraffin insulated wax paper condensers. Both are rated at .1 mfd. at 300 Volts D.C. working voltage. Ideal for replacement uses in receiver bypass service. Small in size—a general purpose model for replacement in practically all makes of receivers.

Cat. No. DC-157..... **19c**

WEGO FULTIME CONDENSERS

The art of making fine quality paper dielectric condensers is one of the most carefully guarded secrets in the engineering field. Only by long, tedious experiments, arduous and patient research has WEGO been able to achieve such a wonderful goal as is represented today by the internationally famous WEGO condensers. Wego condensers have long set the standards for excellence and perfection in paper dielectric condensers. There can be no mistake about this. Ask the men who sell and use them!

200 Volt X-Mitter Filter

Rated at 2000 Volts D.C. (1600 Volts Rect. A.C.) Test Voltage 6000 Volts D.C. For high power amateur and medium power broadcast stations. Insulation and general construction features unsurpassed.
These units are most popular with the amateur and broadcasting stations. Finest by proved results!

Type	Capacity	Dimensions Heig't	Width	Depth	Our Price
HK-100	1 mfd.	5"	4¾"	2⅝"	$3.70
HK-200	2	5"	4¾"	2⅝"	6.61
HK-400	4	6"	6¼"	6"	11.64

Dry Electrolytic Condenser Kits

Complete Assortment—Services All Popular Receivers

Every service man should have at least one of these kits. Consists of a complete set of all sizes used in popular receivers. A product of the Powertone laboratories. With this kit you are prepared to service all present day receivers. True design assures low replacement cost—guarantees maximum profit from each service call. Each condenser is rated for continuous duty at proper working voltage. Units are of dry electrolytic design—the proven type for maximum life and constant capacity. Multiple and Upright types have negative terminal grounded to can. Other types have color-coded pigtail leads or lugs. Clearly marked capacity values on each condenser. All 500 Volts peak rating. Shipping weight 3 lbs.

One each of the following types:

Cardboard Cased Models

Capacity	Dimensions
4 mfd.	4½ x 1⅛ x ⅝"
6 mfd.	4¼ x 1⅛ x ⅞"
8 mfd.	4¼ x 1⅛ x ⅞"
10 mfd.	4⅜ x 1⅜ x 1¼"
12 mfd.	4⅜ x 1⅜ x 1¼"
4-8 mfd.	4⅜ x 1⅜ x 1¼"
6-8 mfd.	4⅜ x 1⅜ x 1¼"

Round Metal Can Types

Capacity	Diameter
8 mfd.	Standard Inverted
10 mfd.	Standard Inverted
12 mfd.	Standard Inverted
8-8 mfd.	2½" Upright
8-8-8 mfd.	3" Upright

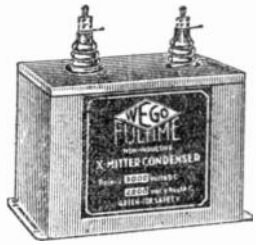
Cat. No. DC-158
Complete kit as listed above..... **$8.95**

Potter 1 Mfd. Bypass Condenser

Small in size. Designed for sub-panel mount—bottom terminal lugs. Rated at 1 mfd.—300 working volts. A necessity for receiver construction, power amplifier repair, and general service work. A product of one of the largest manufacturers of quality condensers.

Cat. No. DC-159 ..... **24c**

3000 Volt X-Mitter Filter



Rated at 3000 Volts D.C. (2200 Volts Rect. A.C.). Test Voltage 10,000 Volts D.C. For highest power amateur and high power broadcast stations. Years of constant service PROVE their excellence.

Type	Capacity	Dimensions Heig't	Width	Depth	Our Price
HM-100	1 mfd.	6"	4¾"	4¾"	$7.94
HM-200	2	6"	8¾"	4¾"	13.23
HM-400	4	6"	8¾"	8¾"	25.40

5000 Volt X-Mitter Filter

Rated at 5000 Volts D.C. (3300 Volts Rect. A.C.) Test Voltage 15,000 Volts D.C. One of the many types of WEGO condensers in constant service in thousands of stations throughout the world.

Type	Capacity	Dimensions Heig't	Width	Depth	Our Price
HQ-100	1 mfd.	6"	4⅜"	4⅜"	$13.23
HQ-200	2	6"	10¼"	5⅛"	23.81
HQ-400	4	6"	10¼"	10¼"	44.98

7000 Volt X-Mitter Filter

Rated at 7000 Volts D.C. (5000 Volts Rect. A.C.) Test Voltage 21,000 Volts D.C. Only the finest engineering, materials and workmanship can result in such dependability as WEGO affords.
Most of the television stations in the country are equipped with Wego Condensers. This outstanding fact is the finest proof of their dependability and excellence.

Type	Capacity	Dimensions Heig't	Width	Depth	Our Price
HZ-100	1 mfd.	6¼"	9⅞"	5½"	$35.28
HZ-200	2	6¼"	9⅞"	9⅞"	66.15
HZ-400	4	6¼"	19¾"	9⅞"	149.07

Mershon Electrolytic Filter Condensers

Used as factory equipment in many nationally-known receivers. Proven design—puncture proof—constant capacity—long life. Negative terminal connects to container. Positive leads terminate in bolts with solder lugs. Rated at 450 Volts A.C. working. Each condenser brand new in original container. Carefully labelled. Ideal for the construction of that new receiver amplifier or power pack.

Cat. No. DC-160

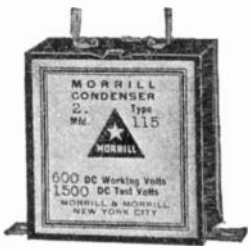
Type	Anodes	Capacity	Price
Inverted Types			
S4	1	4 mfd.	58c
S6	1	6 mfd.	63c
S8	1	8 mfd.	68c
S10	1	10 mfd.	75c
S18	1	18 mfd.	85c
Upright Types			
S8	1	8 mfd.	68c
D8	2	8 mfd. ea.	1.10
T8	3	8 mfd. ea.	1.65
D20 (Sparton set replacement)	2	15-5 mfd.	2.95
Q32	4	8 mfd. ea.	3.50
T36 (Zenith 52 replacement)	3	9-9-18 mfd.	2.95
Q52 (Crosley replacement)	4	18-18-8-8 mfd.	4.50

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

MORRILL CONDENSERS and RESISTORS

Morrill Condensers and Resistors are manufactured by one of the oldest and largest electrical concerns, whose products are standard with Telefunken. They are exceptionally well made by special processes which are the result of half a century of manufacturing and operating experience. They are rated on an extremely conservative basis, will stand up under the hardest use within their ratings and insure the ultimate in reliability and freedom from breakdown.

Non Inductive By-Pass Condensers



Eliminate comebacks.
Stand up under extreme voltage peaks.
Can be conveniently stacked and mounted.
Exceptionally compact.
Assure your customer satisfaction.

250 Working Volts D.C.—500 Test Volt.

Cat. No.	Type	Mfds.	Size	Our Price
101	1	01	2 x1¾x ⅝	$ .32
102	5	.1	2 x1¾x ⅝	.32
103	6	.25	2 x1¾x ⅝	.27
104	7	.50	2 x1¾x ⅝	.29
105	8	1.	2 x1¾x ⅝	.34
106	19	2.	2 x1¾x1	.54
107	11	4	2 x1¾x1⅜	1.18

600 Working Volts D.C.—1500 Volts D.C.

Cat. No.	Type	Mfds.	Size	Our Price
108	111	.1	2 x1¾x ⅝	$ .32
109	112	.25	2 x1¾x ⅝	.38
110	113	.5	2 x1¾x ⅝	.41
111	114	1.	2 x1¾x ⅝	.45
112	115	2.	2 x1¾x1	.72
113	117	4	2⅛x1¾x1¾	1.26

700 Working Volts D.C.—1500 Test Volts. D.C.

Cat. No.	Type	Mfds.	Size	Our Price
114	097	1.	1⅞x1⅜x2	$ .72
115	098	2.	2⅛x1⅞x2⅜	1.08
116	109	4.	2⅛x1⅞x4¾	1.72

Morrill Carbon Resistors

2 Watts
10 Ohms to
10 Megs.
Our Price
21c

2 WATT

Morrill Carbon Resistors maintain their accuracy under severe conditions of use, are noiseless, moisture proof, and very generously rated. They are made by a special process which insures their standing up.

TABLE OF RESISTOR VALUES

Ohms	Ohms	Ohms
100	7000	250000
200	8000	300000
250	10000	400000
300	15000	500000
400	20000	600000
500	25000	700000
600	30000	800000
800	40000	900000
1000	50000	Megohms
1500	60000	1.
2000	70000	1.5
2500	75000	2.
3000	80000	2.5
4000	100000	4.
5000	150000	5.
6000	200000	10.

Cat. No. 131—

1 Watt, 500 ohm to 4 meg.
Our Price **21c**

Type U Uncased Condensers

These condensers are ideal for use where compactness is required. They are furnished with 5" pigtail leads. Are particularly adaptable for service and replacement requirements as well as for use by manufacturers.

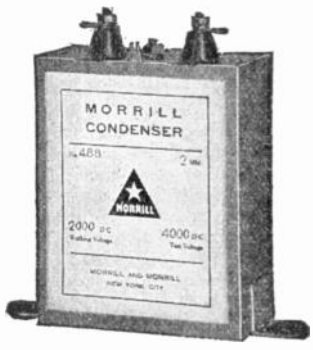
Cat. No.	Type	Mfds.	Size	Our Price
117	U881	.1	1¾x1⅛x ¼	$ .25
118	U882	.25	1¾x1⅛x ¼	.28
119	U883	.5	1¾x1¾x ⅜	.33
120	U884	1.	1¾x1¾x ½	.43
121	U885	2.	2 x1¾x ⅞	.65
122	U886	4.	2 x1¾x1¾	1.11

Morrill Tropical High Voltage Condensers

These tropical oil impregnated paper condensers of non-inductive type, set new standards of condenser performance. They will stand up under the most severe operating conditions of voltage, temperature and moisture.

Type No.	Mfd	Can size—inches H	W	D	Price
	800 D.C. Working Volts				
814	1	2¼	1¾	⅞	$1.63
814	2	2¼	1¾	1⅜	2.00
816	4	2¼	1¾	2¾	2.88
	1000 D.C. Working Volts				
1014	1	2¼	1¾	1⅜	1.75
1015	2	2¼	1¾	2¾	2.75
1016	4	6¾	4¾	1¼	6.23
	1500 D.C. Working Volts				
1514	1	2¼	1¾	2¾	2.50
1515	2	6¾	4¾	1¼	5.25
1516	4	6¾	4¾	2	7.88
	2000 D.C. Working Volts				
2014	1	6¾	4¾	1¼	6.00
2015	2	6¾	4¾	2	7.25
2016	4	6¾	4¾	3	11.00
	3000 D.C. Working Volts				
3014	1	6¾	4¾	1¼	6.38
3015	2	6¾	4¾	2	10.00
3016	4	6¾	4¾	4	17.50
	4000 D.C. Working Volts				
4014	1	6¾	4¾	3	11.37
4015	2	6¾	4¾	4	20.00
4016	4	6¾	4¾	8	37.50
	5000 D.C. Working Volts				
5014	1	6¾	4¾	4	15.37
5015	2	6¾	4¾	8	26.00

Morrill Transmitting Condensers



Morrill Transmitting Condensers are finding a wide acceptance throughout the country with the amateurs, manufacturers of amplifiers, P.A. Systems and broadcasting stations who insist on using quality parts in their equipment. They are provided with heavy insulated terminals, mounting feet, and grounding lugs. Rugged construction and conservative rating give these condensers extra long life.

Cat. No.	Mfds.	Type	Wkg. Voltage	Test Voltage	Our Price
133	1	644	1000	2000	$1.65
134	2	645	1000	2000	2.75
135	4	647	1000	2000	4.95
136	1	457	1500	3000	1.75
137	2	458	1500	3000	2.85
138	4	460	1500	3000	5.00
139	1	487	2000	4000	3.10
140	2	488	2000	4000	5.60
141	4	490	2500	4000	9.75

Tubular Condensers

TYPE G TUBULAR CONDENSERS

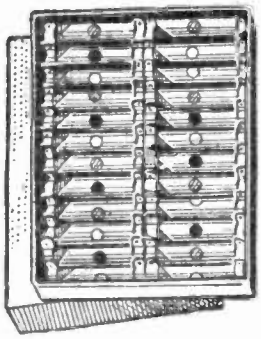
These condensers are used where low capacities at applied voltages up to 600 volts D.C. are required, such as for coupling condensers in resistance coupled circuits. Tinned pigtail wire leads are securely connected at each end and will not pull out. These condensers are of high mechanical strength and maintain their electrical characteristics under rigorous working conditions.

Cat. No.	Type	Mfd.	Length	Diameter	Our Price
123	G742	.0001	1¼	⅜	$ .10
124	G746	.001	1¼	⅜	.10
125	G747	.002	1¼	⅜	.10
126	G748	.005	1¼	⅜	.10
127	G749	.01	1¼	½	.13
128	G750	.02	1¼	½	.18
129	G751	.05	1¼	⅜	.18
130	G752	.1	2	½	.25

Morrill condensers are used by "Hams" and Broadcasting stations throughout the world.

Everything *from a* Binding Post *to a* Transmitter

R. M. A. Coded Resistors and Resistor Kits



R.M.A. COLOR CODED RESISTANCE KIT 1 WATT RESISTORS

Consists of 36 of the most commonly used sizes in present day receivers. Rated at one watt with extremely accurate resistance values. Their long tinned leads and small size permit easy replacement and soldering. Odd-sized values can be obtained by connecting two or more resistors in series or parallel. A compact kit and easy to carry. The resistances are R.M.A. color coded for easy identification.

Cat. No. 4601. Our Price **$3.45**

The following Resistances comprise this kit:

100	500	1500	10000	100000	1 meg.
150	600	2000	15000	125000	2 meg.
200	750	2500	20000	200000	3 meg.
250	850	3000	25000	250000	5 meg.
350	900	4000	30000	500000	7 meg.
450	1000	5000	50000	750000	10 meg.

FREE!

A SENSATIONAL OFFER

We are giving away, absolutely free, a Readrite ohmmeter with each purchase of this resistance kit. Tests resistances up to 10,000 ohms. TAKE ADVANTAGE OF THIS UNUSUAL OFFER.

Carbon POWER Resistors

RMA Color Coded

Moulded from special resistance material under tremendous pressure. The resistance material is carefully ground and graded before manufacture. Thus the finished units are practically homogenous, insuring freedom from the resistance change and heating common to most carbon resistors. All units are carefully graded to insure accuracy of value. Practically non inductive in construction. Suitable for any application whether short wave, laboratory or receiver use. A tremendous purchasing power enables us to offer this unusual value.

Ohms	Ohms	Ohms
100	900	20,000
150	1,000	25,000
200	1,500	30,000
250	2,000	50,000
350	2,500	100,000
450	3,000	125,000
500	4,000	200,000
600	5,000	250,000
750	10,000	500,000
850	15,000	750,000

1, 2, 3, 5, 7, 10 megohms

Cat. No. CR-4805.
Our Price, EACH **8c**
Cat. No. CR-4806.
Our Price, PER DOZEN **89c**
Cat. No. CR-4807.
Our Price, PER HUNDRED **$6.95**

Wirt 1/3 - ½ - 1 Watt R.M.A. Color Coded Resistors

Wirt Laboratories to fill the definite need for accurate noiseless metalized resistors. Moulded under tremendous pressure, accurately fused. Non hydroscopic. Non-inductive—may be applied to any circuit, regardless of frequency. Will satisfy the most critical. Resistance value is constant despite temperature change; when used within distance rating. Supplied in all standard sizes and resistance values. Each unit is color coded.

Ohms	Ohms	Ohms	Megs
100	6000	50,000	3
250	7000	100,000	3½
500	8000	150,000	4
1000	9000	250,000	5
1500	10,000	300,000	6
2000	12,500	400,000	7
2250	15,000	500,000	8
2500	17,500	Megohms	9
3000	20,000	1	10
3500	25,000	1½	
4000	30,000	2	
5000	40,000	2½	

Cat. No. 4659.
Our Price, EACH **10c**
PER DOZEN **$1.10**

FREE! RMA Color Code Chart

An extremely handy adjunct to any service shop. Quickly identifies all color coded resistors. Saves time, money and patience. Full instructions are included with each card. Free with purchase of 3 or more resistors.

LYNCH METALLIZED RESISTORS

The standard of the resistor field. Used in the highest grade manufactured equipment. Permanent—noiseless. Moulded in special ceramic material. Protected against mechanical damage, heat and moisture effects. Absolutely constant in value. Extremely low self-inductance and distributed capacity. Ideal for short wave purposes. Standard stock resistance values for all usual purposes. Special values up to 100 megohms may be furnished on order. Prices quoted on application.

FEATURES

- ★ Production tests insure accuracy and close tolerance.
- ★ End caps permanently moulded to resistance element for constant value.
- ★ Convenient pigtail lugs may be mounted in any position.
- ★ Complete wattage ratings for all usual purposes.
- ★ Conservative wattage rating insures freedom from deterioration and heating.
- ★ Permanent in resistance value, not affected by temperature or humidity.

ARE AVAILABLE IN THE FOLLOWING VALUES:

Ohms.	Ohms.	Ohms.	Ohms.	Ohms.	Ohms.
50	750	8,000	50,000	250,000	3,000,000
100	1,000	9,000	60,000	300,000	3,500,000
150	2,000	10,000	75,000	500,000	4,000,000
200	3,000	12,000	90,000	750,000	5,000,000
250	4,000	15,000	100,000	1,000,000	6,000,000
300	5,000	25,000	125,000	1,500,000	7,000,000
400	6,000	30,000	150,000	2,000,000	8,000,000
500	7,000	40,000	200,000	2,500,000	9,000,000
					10,000,000

Cat. No. 8370—
½ Watt—Type LF4½—50 ohms to 5. meg. Our Price, each **18c**

Cat. No. 8371—
1 Watt—Type LF4—50 ohms to 10 meg. Our Price, each **18c**

Cat. No. 8372—
2 Watt—Type LR4—50 to 250,000 ohms. Our Price, each **24c**

Cat. No. 8373—
3 Watt—Type LM3—50 to 250,000 ohms. Our Price, each **30c**

FREE! FREE! Lynch Resistance Manual

A carefully compiled list of the resistance values used in leading radio sets. Also contains important data on the use of each resistor and the symptoms of faulty performance. Tells you where to look for that hard to find trouble. Also RMA color code and fundamental resistor circuits. Complete data on the use of multipliers which alone is worth the cost of the book is contained therein. Free with each purchase of ten Lynch resistors or may be purchased at 59c each.

LYNCH HANDI-PAK RESISTANCE KIT

A common assortment of the sizes ordinarily used in service work. A necessity for the rapid and accurate servicing of all makes of sets. Furnished in three different kits. Each kit comes complete with simple resistance formulas which can be applied by anyone. By the use of these formulas and the resistance available, an infinite number of effective resistance values can be obtained.

HANDI-PAK No. 1

1 Watt Values

500; 1,000; 2,000; 10,000; 20,000; 50,000; 100,000; 250,000; 500,000; 2 megohm (1 of each value).

Cat. No. 905.
Our Price **$1.80**

HANDI-PACK No. 2—1 Watt Values

250; 400; 5,000; 15,000; 25,000; 40,000; 60,000; 70,000; 200,000; 1 megohm (one of each value).

Cat. No. 906.
Our Price **$1.80**

HANDI-PACK No. 3—2 Watt Values

500; 1,000; 2,000; 2,500; 3,000; 5,000; 10,000; 20,000; 25,000; 50,000 (one of each value).

Cat. No. 907.
Our Price **$2.40**

Wire Wound and Carbon Resistances

LEBRENCO VARIABLE GRID LEAK

Adjustable from 100,000 ohms up to 10 megs. Will increase the selectivity and sensitivity of any receiver by permitting critical detector grid biasing. Unaffected by temperature and maintains accuracy of range and resistance.

Cat. No. 5604.
Our Price **25c**

Amsco Grid Gates

Sealed airtight as protection against moisture. Resistances are dependable and will not change value. Available in following ohmage:
500-1,000-2,500-50,000-100,000-250,000 and 500,000 ohms.

Cat. No. 5605.
Our Price .....Each **5c**
Dozen 50c

Carborundum Grid Leaks

They have earned themselves the reputation as being the best. Available in the following sizes: 75,000, ½ meg., 1 meg., 2 megs., 4 megs. and 8-10 megs.

Cat. No. 5606.
Our Price **5c**

Enameled Fixed Resistor and Grid Leak

4200

A popular value. Rated at 60 watts and 4200 ohms. One or two of these in series will operate as grid leaks on up to 50 watt tubes. Permanent fused enamel protects resistance element and distributes heat. Easily mounted.

Cat. No. R-5615. Our Price **49c**

Vitreous Resistor

450

A common value used in service work. Ideal for use as a dropping resistor. More than one can be connected in series to insure proper value. Rated at 60 Watts and 450 ohms. Used by a leading set manufacturer in his custom-built line.

Cat. No. R-5616. ..... **49c**

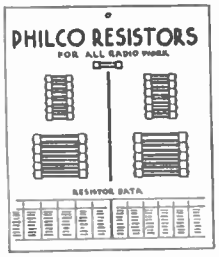
Fada Resistors 75, 600, 16,000 Ohms

Three popular values used as replacement in many popular sets. Ideal for bias and voltage divider construction. The smaller value is used as a primary regulating resistor.

Rated as follows: 75 ohms—15 Watts; 600 ohms—15 Watts; 16,000 ohms—25 Watts.

Cat. No. R-5614. ..... **25c**

Philco Resistor Kits



A handy kit of 25 metalized color-coded resistors. An assortment of the values in common use. Every serviceman should have at least one of these handy cards. The card contains 15 ½ watt and 10 1 watt resistors. All on handy cardboard display card listing 37 resistors used in Philco receivers. All resistors are marked with Philco part number as well as R.M.A. color coded.

Contains the following Philco part numbers:

3525	3767	4410 (2)	5256
3526	3768	4411	5279
3542	3769	4412 (2)	5310
3656	4237 (2)	4417 (2)	5331
3766	4409	4518 (2)	5385

Cat. No. R-5617. **$2.50**

HARDWICK-HINDLE Adjustable Resistors

A refined adjustable resistance. Especially suited for power applications. Resistance element vitreous enamel. Wound on heat-resisting base. Strong mechanically, easy connection is assured by large solder lugs. A strip of resistance wire is exposed permitting the application of variable taps or sliders.

Extra Sliders Available..... **10c** each

Type K 25 Watts
2 in. long 5/8 o.d.

Cat. No. 5601.

Resis. in ohms	Max. Current in m.a.	Our Price	Resis. in ohms	Max. Current in m.a.	Our Price
1	5000	.42	1000	158	.42
2	3500	.42	1500	129	.42
3	2800	.42	2000	112	.42
5	2225	.42	2250	105	.42
10	1500	.42	2500	100	.42
20	1100	.42	3000	91	.42
50	700	.42	4000	79	.42
100	500	.42	5000	71	.42
200	353	.42	6000	64	.42
300	289	.42	7000	60	.42
500	224	.42	8000	56	.45
750	182	.42	9000	52	.45
800	177	.42	10000	50	.50

Type K 50 Watts
4 in. long 5/8 o.d.

Cat. No. 5602.

Resis. in ohms	Max. Current in m.a.	Our Price	Resis. in ohms	Max. Current in m.a.	Our Price
100	700	.65	4000	112	.65
200	500	.65	5000	100	.65
300	406	.65	6000	91	.72
400	353	.65	7000	84	.72
500	316	.65	8000	79	.72
800	252	.65	9000	74	.80
1000	224	.65	10000	71	.80
1500	182	.65	12000	65	.80
2000	158	.65	15000	58	.86
2500	141	.65	20000	50	.90
3000	129	.65	25000	45	.90
			30000	41	.92

Type K 60 Watts
6 in. long 5/8 o.d.

Cat. No. 5603.

Resis. in ohms	Max. Current in m.a.	Our Price	Resis. in ohms	Max. Current in m.a.	Our Price
100	865	.86	4000	137	.86
200	610	.86	5000	122	.86
300	500	.86	6000	112	.86
400	432	.86	7000	103	.92
500	387	.86	7500	100	.95
750	316	.86	10000	87	1.05
1000	274	.86	15000	71	1.15
1500	224	.86	20000	61	1.15
2000	194	.86	25000	55	1.22
2500	173	.86	30000	50	1.25
3000	158	.86	40000	43	1.27

Hardwick-Hindle Screw-in-Type Resistors

Rated at 60 watts. Maximum length 5¾". Maximum diameter 1 inch.

Cat. No.	Resistance	Cat. No.	Resistance
4602	5	4608B	75
4603	10	4609	90
4604	15	4610	125
4605	22	4611	220
4606	30	4612	250
4607	45	4613	440
4607A	50	4614	500
4608	60	4615	700
4608A	62	4616	1000

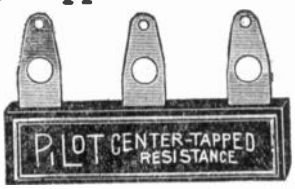
Price, each **75c**

Carter 6 & 25 Ohm Resistors

Handy resistors. Eyelet terminals are carefully tinned, insuring ease of connection. Ideal for use as a voltage dropping, center tap, or series dial light resistance. Can be readily connected in series or parallel to secure any desired value. Will carry 1 ampere.

Cat. No. 5610.
Price **5c**
Cat. No. 5610B.
Price ..... **50c** per Doz.

Pilot Center Tapped Resistors



The Pilot center tapped resistors being only 1½" long can be connected directly across the filament post of the tube sockets, and when so installed save considerable wiring. They obviate the necessity for center taps on the filament of the power transformer, thus keeping the hum in an A.C. receiver at a minimum. Available in 10-20-50-75 ohms.

Cat. No. 5607.
Our Price **15c**

Wire Wound Resistances

Wound on flat fiber strips. Available in following ohmages:

1	8	30	400
2	10	40	600
3	15	50	700
4	20	100	800
6	25	200	1,000

Cat. No. 5608.
Our Price **10c**

Center Taps

6	20	100
10	40	200
15	60	400

Cat. No. 5609.
Our Price **10c**

Serviceman's Handi-Pocket 36 Resistance Kit

An assortment of resistors all sizes, shapes and types worth many times its selling price. An ideal assortment for the serviceman to carry about with him for servicing.

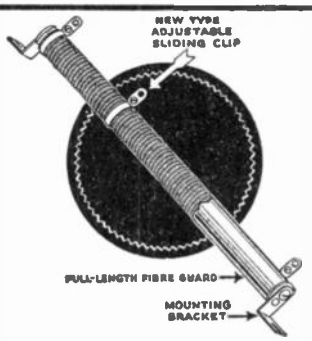
1 watt resistors are: 200, 300, 400, 500, 600, 750, 800, 1000, 1200, 1500, 2000, 7000, 25,000, 100,000, 250,000, 750,000 ohms. In megohms the following are available: 1, 1¼, 1½, 2, 2½, and 6 megs.
2 Watt: 75, 100, 600, 10,000.
3 Watt: 400, 1000, 4700, 6000, 16,000.
Wire wound center tapped: 15, 25.
Wire wound: 450, 1000, 1400.

Cat. No. 4660. Complete kit of the above enumerated Resistors may be had for **$1.50**
Cat. No. 4661. Price each for one watt as listed above..... **3c**
Cat. No. 4662. Price each for 2 Watt as listed above..... **4c**
Cat. No. 4663. Price each for 3 Watt as listed above..... **10c**
Cat. No. 4664. Price each for Wire Wound Center Tapped..... **10c**
Cat. No. 4665.
Price each for Wire Wound..... **7c**

Prompt Service - Shipments within 24 Hours

TRUVOLT

A brand new line of 10 watt resistors. Answers the requirements for small compact receiver applications. Ideal for replacing burned out voltage divider sections, series resistor uses, etc. Finely constructed for long life and constant resistance. Employs the same refined design used in the Truvolt 25-50-75 watt sizes.

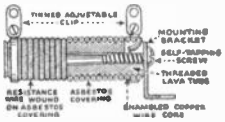


The Most Adaptable of all Resistors

New 1933 Design—Greatly Improved 1000 Volt Insulation. Since their introduction to the radio industry, they have held first place in popularity with the serviceman and experimenter by their absolute merit.

Their unique patented construction offers many advantages over the usual type resistor—such as:

Larger diameter—more uniform heat distribution—increased radiating surface—easier adjustment—adjustable clip designed to afford more effective resistance—cooler operation—larger wire size for given resistance value—end brackets supplied with each B, C, and D resistor—protective insulating sleeve supplied with each resistor—1000 volt insulation—self-tapping screws supplied to fit inside diameter of tube.



TYPE A—10 WATTS

Type	Resistance in Ohms	Current M.A.
A-.01	1	3150
A-.02	2	2200
A-.025	2.5	2000
A-.03	3	1800
A-.05	5	1400
A-.075	7.5	1150
A-.1	10	1000
A-.15	15	815
A-.2	20	700
A-.25	25	630
A-.3	30	570
A-.5	50	450
A-.75	75	360
A-1	100	315
A-2	200	220
A-3	300	180
A-4	400	158
A-5	500	141
A-8	800	112
A-10	1000	100
A-12.5	1250	89
A-15	1500	81
A-20	2000	70
A-25	2500	63
A-30	3000	56
A-40	4000	50
A-50	5000	45
A-75	7500	36
A-100	10000	31
A-150	15000	26
A-200	20000	20
A-250	25000	16

Any Size.
Our Price, Each..... **29c**

TYPE B

25 Watts 1/8" x 2"

Type	Resistance in Ohms	Current Milliamperes	Our Price
B-1	100	500	$ .50
B-2	200	353	.50
B-3	300	289	.50
B-4	400	250	.50
B-5	500	224	.50
B-7-5	750	182	.50
B-8	800	177	.50
B-8.5	850	165	.50
B-10	1000	158	.50
B-12.5	1250	141	.50
B-15	1500	129	.50
B-20	2000	112	.50
B-22.5	2250	105	.50
B-25	2500	100	.50
B-30	3000	91	.50
B-35	3500	84	.50
B-40	4000	79	.50
B-45	4500	75	.50
B-50	5000	71	.50
B-60	6000	64	.50
B-70	7000	60	.50
B-72	7200	59	.50
B-75	7500	58	.50
B-80	8000	56	.54
B-90	9000	53	.56
B-100	10000	50	.58
B-120	12000	45	.58
B-150	15000	41	.58
B-200	20000	35	.67
B-250	25000	32	.67
B-300	30000	29	.73
B-400	40000	25	.76
B-500	50000	22.5	.82

TYPE C

50 Watts 1/2" x 4"
With one extra sliding clip.

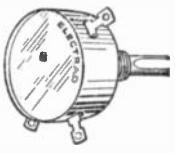
Type	Resistance in Ohms	Current Milliamperes	Our Price
C-1	100	700	$ .79
C-2	200	500	.79
C-3	300	406	.79
C-4	400	353	.79
C-5	500	316	.79
C-7.5	750	259	.79
C-8	800	252	.79
C-10	1000	224	.79
C-12.5	1250	200	.79
C-15	1500	182	.79
C-20	2000	158	.79
C-22.5	2250	149	.79
C-25	2500	141	.79
C-30	3000	129	.79
C-35	3500	119	.79
C-40	4000	112	.79
C-45	4500	105	.79
C-50	5000	100	.79
C-60	6000	91	.88
C-70	7000	84	.88
C-72	7200	83	.88
C-75	7500	82	.88
C-80	8000	79	.88
C-90	9000	74	.88
C-100	10000	71	.97
C-120	12000	65	.97
C-150	15000	58	.97
C-200	20000	50	1.06
C-250	25000	45	1.09
C-300	30000	41	1.12
C-400	40000	35	1.15
C-500	50000	32	1.18
C-600	60000	29	1.24
C-800	80000	25	1.33
C-1000	100000	22.5	1.47

TYPE D

75 Watts 1/2" x 6"
With one extra sliding clip.

Type	Resistance in Ohms	Current Milliamperes	Our Price
D-1	100	865	$ .94
D-2	200	610	.94
D-3	300	500	.94
D-4	400	432	.94
D-5	500	387	.94
D-7.5	750	316	.94
D-8	800	306	.94
D-10	1000	274	.94
D-12.5	1250	245	.94
D-15	1500	224	.94
D-20	2000	194	.94
D-22.5	2250	182	.94
D-25	2500	173	.94
D-30	3000	158	.94
D-35	3500	146	.94
D-40	4000	137	.94
D-45	4500	129	.94
D-50	5000	122	.94
D-60	6000	112	.97
D-70	7000	103	.97
D-72	7200	102	.97
D-75	7500	100	1.00
D-80	8000	97	1.00
D-90	9000	91	1.00
D-100	10000	87	1.12
D-120	12000	79	1.12
D-150	15000	71	1.26
D-200	20000	61	1.26
D-250	25000	55	1.32
D-300	30000	50	1.32
D-400	40000	43	1.32
D-500	50000	39	1.47
D-600	60000	35	1.62
D-800	80000	31	1.62
D-1000	100000	27	1.62

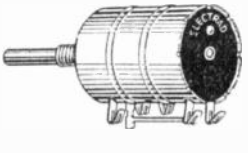
"U" Pad Attenuators



The ELECTRAD Type "U" Attenuator provides a simple inexpensive control where relatively constant impedance is desired. May be used for such applications as control of phonograph pick-up or control of individual magnetic speakers or headphones connected to the same voice line. Available in 500, 4000 and 10000 ohm impedance. Specify impedance.

Our Price **$1.18**

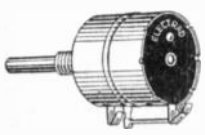
"T" Pad Attenuators



Useful for the volume control of microphones, electrical phonographs, talking picture amplifiers and other sound amplifying and distribution systems. Constant impedance is maintained throughout the adjustment of knob. Available in 15, 200, 500, 3000 and 5000 ohm impedance. Please specify type when ordering.

Our Price **$2.10**

"L" Pad Attenuators

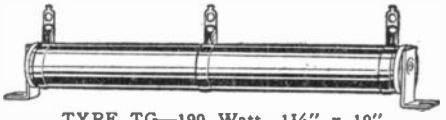


Similar uses as the "T" Attenuators and available in 15, 200, 500, 3000 and 5000 ohm impedance.

Please mention impedance desired when ordering.

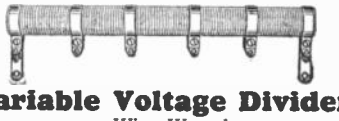
Our Price ..... **$1.50** each

Wire Wound Grid Leaks *For Transmitters*



TYPE TG—190 Watt—1¼" x 10"

Total Resistance Ohms	Resistance of Sections-Ohms	Max. Working Current in Milliamperes	Our Price
5000	2500-25000	195	$1.76
10000	5000-5000	137	2.06
15000	5000-5000-5000	112	2.65
20000	10000-10000	97	2.50
30000	15000-15000	79	2.94
50000	25000-25000	61	3.27
100000	50000-50000	43	3.57



Variable Voltage Dividers

Wire Wound

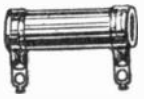
This universal air-cooled voltage divider has 4 sliding taps which enable the serviceman to obtain voltages depending upon the particular type of circuit in which it is used..

Cat. No. C-130-S—Total resistance 13,000 ohms, 4 taps, capacity 50 watts
Our Price **$1.23**

Cat. No. C-250-S—Total resistance 25,000 ohms, 4 variable taps, capacity 50 watte
Our Price **$1.38**

Cat. No. D-250-S—Special heavy duty tapped voltage divider where excessive current is used. Total resistance 25,000 ohms, with 4 sliding taps. Capacity 75 watts. Our Price **$1.83**

Vitreous Enameled Wire Wound Resistors



A carefully designed resistor which offers longer life and permanent resistance value.

An improved method is used to clamp the wire to the contact bands, which insures permanent connections. There are no protrusions which will result in chipped enamel and corrosions at this critical point.

50 Watt Rating

Available in the following ohms.

10	700	3,000	9,000	25,000
20	750	4,000	10,000	30,000
50	1,000	5,000	12,000	40,000
100	1,500	6,000	12,500	50,000
250	2,000	7,000	15,000	60,000
500	2,250	7,500	17,500	75,000
	2,500	8,000	20,000	100,000

Sizes up to 25,000 ohms
Our Price ..... **59c** ea.
Sizes 30,000 to 100,000 ohms
Our Price ..... **88c** ea.

20 Watt Rating

Available in the following ohms

5	300	1,100	2,500	7,500
10	350	1,200	2,750	8,000
25	400	1,250	3,000	10,000
50	500	1,500	3,500	12,500
75	650	1,750	4,000	15,000
100	750	1,850	4,500	25,000
150	800	2,000	5,000	35,000
200	850	2,250	6,000	
250	1,000	2,400	7,000	

Sizes up to 10,000 ohms
Our Price ..... **29c** ea.
Sizes 12,500 to 35,000 ohms
Our Price ..... **38c** ea.
Sizes over 35,000 to 100,000 ohms
Our Price ..... **42c** ea.

ELECTRAD VOLUME CONTROLS

And New "Snap-On" Switch Assembly

The new "Snap-On" switch on the Electrad volume controls is a welcome addition to the Serviceman. Refer to our list for the proper unit you desire. We have taken extreme care in its compilation and you can have the utmost faith in its accuracy.
Volume Controls listed for 59c have extra long shafts for any type mounting, without A.C. switch. The new "Snap-On" Switch is made for use only with these controls selling for 59c. The rest are made according to specifications of originals.

Manufacturer	Stock No.	Your Cost
A. C. DAYTON CO.		
AC63, AC65, AC66	RI-203	$0.59
Navigator	F-200	1.27
ALL AMERICAN MOHAWK CO.		
S-6, S-7, S-8	RI-240	.59
Model 90, Model "J," Model "J" with Pentode	RI-201	.59
AC-226, 227, 60, 61, 62, 65, 66	RI-203	.59
Lyric, "J," "H," 96, 90, C6, 70, 73, 75, 80, 83, 84, 86, 88, Lyric Model D, A	RI-201	.59
6 Tube Electric Set, Mohawk, Lyric K	RI-203	.59
B-7	FB-479-T	2.12
11-D, 19-D, 29-D, 34-D, 19-H, 29-H, 34-H	R-1802-T	1.32
AMRAD CORPORATION		
S-522, DC6, DC6-C, DC7, DC67-C, S733, S733-C, 80	RI-204	.59
82, 83, 7100, 70, AC-7, AC-7-C	RI-201	.59
AC-6, AC-6-C, 84	RI-203	.59
81	RI-205	.59
ATWATER KENT		
43, 44, F, P, L1, L2	R-1726	.92
55, 55C, 60, 60C, 61, 61C, 66	RI-278	.59
55	R-1524-T	1.59
H	R-1757-T	1.85
82	RI-433-P	1.19
80	RG-460-P	.92
84, 84F	RG-402-PG	1.19
86, 86F	RG-403-PG	1.19
82DC	RG-404-P	.92
82Q-85	RG-405	.66
37, 38, 40, 42, 44, 52 (Strip)	R-1738	.39
55, 60, 66 (Strip)	R-1742	.39
89, 89F, 85Q, 92, 627	RI-206	.59
87	RI-277	.59
BALKITE RADIO CO.		
A-3, A-5, A-7	RI-202	.59
B-7, B-9, F, C	RI-201	.59
Models L-7, LC-7	RI-240	.59
Model "E"	RI-201	.59
BOSCH		
35 Cruisers, 57, 87, 66, 76, 76L, 46DC	RI-204	.59
96, DC-96, 146, 166, 176, 46AC, 126, 107, 116	RI-203	.59
62 DC, 44	RI-233	.59
28, 29	R-1747	.92
5-A, 205	RI-409-P	1.06
40	RG-492-P	.66
7A, 20, 20J, 20K, 20L, 31, 36, 73, 133, 135, 74	RG-493-P	.92
80, 84	RG-494	.66
60, 63	RI-495	.66
100 (Auto Radio)	RI-496	.66
48AC, 54DC	R-1832-T	.45
242E, 250, 312	RI-203	.59
250, 312 (Tone Control)	RI-242	.59
BREMER-TULLY MFG. CO.		
6, 81, 82, 14, 21, 31, 81A	RI-202	.59
6-40, Counterphase-8	RI-203	.59
7-70, 7-71, 8-20, 8-21	RI-201	.59
S-81, S-82, 83 (25 cycle)	RI-233	.59
81, 82	RI-241	.59
BRUNSWICK, BALKE, COLLENDER CO.		
B-17, P, R, 17-8	RI-401	.79
2KR, 5KR, 2KRO, 5KRO, 3KR8, 5KR6	RI-402	.79
3NC8, 3NW8, 5NC8	RI-404	.79
17, 24, 25, 4PA, VA	RI-203	.59
S14, S21, S31, S81, S82	RI-424-P	1.32
10, DC14, DC21, DC31	RI-234	.59
R1	RI-278	.59
D11, 12, 16, 33	RI-365	.79
14, 21, 31	RI-202	.59
31	RI-202	.59
10	RI-277	.59
COLONIAL RADIO CORP.		
16-6, 16-5, 17-5, 20-21	RI-204	.59
47, 48	RI-240	.59
44, 50, 46	RI-201	.59
Model No. 2	RG-498-P	1.06
32 AC	R-1651-T	1.32
COLUMBIA RADIO		
Model SG-8	R-1827-P	1.19
COLUMBIA PHONOGRAPH CO.		
31, 33	RI-277	.59
32, 34	RI-240	.59
CROSLEY RADIO CORP.		
602, 608, 609, 1¼" Shaft	R-1723-G	.66
804 (Short Shaft)	R-296	.66
Buddy, Chum	RI-274	.59
30S, 31S, 33S, 34S	RI-241	.59
AC-7	RI-282	.59
82S, 40S, 41S, 42S, 45S	R-1687	.66
Early 40-S	R-1711	.66
77, 84, 92, 28, 121, 121-1, Series B, 127	RI-203	.59
53	RI-242	.59
54, 57, 58, 120, 55, 56	RI-201	.59
705	RI-348	.66
122	RI-278	.59
125, 124	RI-240	.59
610 (Female Shaft)	R-1712	.79
706 (Long Shaft)	RI-347	.79
704, 704B, 705, 706DC, 706AC	R-1724	.66
26	RI-504	.66
59	RI-592-G	.79
EARL RADIO CORP.		
31, 32, 41	RI-202	.59
21DC, 22DC, 24DC, 31DC, 32, SDC, 21AC, 22AC	R-1748-T	1.32
EDISON CORP., THOMAS A.		
SC, C1, C2, E-175	R-1675	.66
R-6, R-7	RI-203	.59
R200	RI-202	.59
Models R1, R2, R3 (Front Unit, Regeneration Control)	R-1713	.79
EVEREADY		
1, 2, 3	R-1747	.92
34	RI-275	.59
30, 40, 50	FB-473-T	2.12
FADA		
41, 42, 44, 46, 47	RI-206	.59
Model 45 (KU)	RI-278	.59
472UA, CA, 45/72, 10, 11, 31, 10Z, 11Z, 30Z, 31Z, 50, 70, 71, 72	R-147	.66
262, 265UA, CA, RP65UA, RP62, UA, CA, 7AC, 475	R-60	.66
16, 17, 32, 16Z, 32Z, 18 DC, 1653-AB	R-277	.66
20, 20Z, 25, 25Z, 15M, 15MZ, 35, 35Z	RI-325	.66
75, 77	RI-279	.59
475-A, 471	RI-531	.92
KY Chassis used in 66 Receiver, RE Chassis used in 73, 85 Receivers, RA Chassis used in 74, 76, 83, 87, 88, 89 Receivers	RI-203	.59
KW Chassis used in 48, 49 Receivers (Neon Tube Control)	RI-560	.59
RA Chassis used in 74, 76, 83, 87, 88, 89 (Neon Tube Control)	RI-241	.59
KO, KOC Chassis used in 51, 53, 57, 45 Receiver	RI-560	.59
RC Chassis used in 78, 79 Receivers	R-1848-T	1.32
FRESHMAN		
Masterpiece, Equaphase	RI-204	.59
G-Q-15, Q-16, 2H, M, 2N	RI-201	.59
H, K, L, LS	RI-203	.59
FREED-EISEMAN RADIO CORP.		
NR7, 8, 9, 10, 12, 20, 40, FE15, 18, NR800, 77	RI-204	.59
NR-60, 57, 70, NR30, DC & AC	RI-201	.59
NR-78, 79, 95	RI-202	.59
NR55, AC & DC	RI-203	.59
GENERAL ELECTRIC CO.		
H-71, H-51, H-31	RI-277	.59
H-32	RI-202	.66
T-12	RI-382	.66
K-62	RI-385	.66
Model T-12-D	RI-201	.66
GENERAL MOTORS RADIO CORP.		
Six Junior, 6-61, 6, 6B, 5050, 35	RI-204	.59
Day Fan Nos. 8AC, 5003, 5091, 5077, 5080	RI-201	.59
216, 217, 219, 250	RI-240	.59
Chassis S1A, S1B	RI-111-P	1.06
Chassis S2A, S2B, S3A, S3B, Models 252, 253, 254, 255, 256, 257, 258	RI-156-P	1.06
Chassis S4A, S4B	RI-132-P	1.06
GRAYBAR ELECTRIC CO.		
311	RI-402	.79
600	R-1741-TP	1.59
700, 770, 900	RI-381-G	.79
GREBE & CO., A. H.		
AC6, AC7, 428, HS-4	RI-201	.59
AH1	RI-276	.59
SK-4AC	RI-488	.66
HS-4 Models 1, 2, 3, 4	RI-202	.59
SK4DC	RI-234	.59
GRIGSBY-GRUNOW CO.		
70, 70B, 120, 121	RI-201	.59
180, 90, 91, 92, 100B	RI-202	.59
130-A	RI-276	.59
20, 21, 22, 23	R-1513-PG	.92
15, 15B, 25, 150	RI-240	.59
Auto Radio 110	RI-242	.59
Majestic 25B and 35 Chassis	RI-278-P	.88
Majestic Chassis 15, Models Havenwood, Ellswood and Sherwood, Majestic Chassis 150, Model Castlewood, Phono Combination	RI-440-PG	1.19
Majestic 60 Chassis	RI-441	.66
Majestic 130 Chassis	RI-438	.66
Majestic Chassis 150, Castlewood, Phono Comb. (Phono. Volume Control)	RI-439	.66
Majestic 25 Chassis, Models Brentwood, Cheltenwood and Brucewood	RI-444-PG	1.19
Majestic 90, 90B, 100, 100B (Equalizer)	R-1688	.79
Majestic 30 Chassis	R-1741-TP	1.59
Majestic 100 Chassis	R-1809-T	1.32
Majestic 50 Chassis	R-1810-T	1.32
200	RI-549	.66
210	RI-551	.66
KELLOGG SWITCHBOARD		
5 Tube B, and 7 Tube A, 533, 534, 535, 536	RI-202	.59
425, 426	RI-201	.59
KENNEDY CORP., COLIN B.		
5, 6, 7, 15, 16, 20, 30, 220, 281 (Battery Models)	RI-204	.59
10	RI-202	.59
80	RI-203	.59
Short Wave Unit for 826, 30, 32	RI-205	.59
20 AC	FB-577-T	2.12
42	RI-201	.59
Models 52, 52A	RI-450-G	.79
Model 56	RI-446-PG	1.19
Model 62	RI-449	.66
26	FG-479-T	2.12
24	RI-269	.59
44, 48	RI-240	.59

We Guarantee to MEET or BEAT competition

VOLUME CONTROLS, RESISTANCES

ELECTRAD Volume Controls (Continued)

Manufacturer	Stock No.	Your Cost
KOLSTER RADIO CORP.		
22, 25, 27, 37, 6J, 6K, 6R, 8A K-45	RI-204	$0.59
	RI-205	.59
980, 205, C1, C2, C4, C5, C6, C7	RI-203	.59
K-60, K-62	RI-234	.59
K110, K112, K120, K122, K130, K132, K140, K142, K113, K123, K133, K143	RI-614-F	1.06
K114	RI-615	.66
K-20, 22, 25, 27, 37, 21, 23, B10, 15, 16, K42, K70, K72, K80, K82, K-90, K92	RI-201	.59
MONTGOMERY WARD & CO.		
2822, 2895, 2897, 2827, 111, 811, 111X, 811X	RI-202	.59
3035, 3037, 3065, 3067, 1522, 1562, 20W, 62-520, Model 49, 26P, 26PX	RI-201	.59
1355, 1955, Recital	RI-206	.59
62, 1040	RI-282	.59
181, 187	RI-278	.59
26W Chassis, 27W Chassis, Commander, Cavalier	RI-240	.59
PEERLESS		
Series 20, Peerless	RI-203	.59
Series K-70	RI-278	.59
Courier 65	RI-275	.59
PHILCO		
82, 5, 86, 87, 511, 521, 531, 541, 551, 561, 571, 581	R-1664	.53
Transitone 95, 96, 96A, 30, 211, 211A, 15, 47, 911, 91B, 91X, 111, 111A	RI-203	.59
71H, 71L, 71B	RI-206	.59
70, 70A, 90, 90A	R-1824-T	1.32
76	RI-273	.59
Model 95	RI-480	.66
Models 112, 112A, 112E, 212, 212A, 212E	RI-479	.66
Models 20, 20A, 70, 70A, 270, 270A, 220	R-1735	1.32
Models 50, 50A	R-1823-T	1.32
RCA VICTOR CO.		
Radiola 16	RI-400	.92
Radiola 17, 50, 41, 7-25, 7-54, Radiola 18, 33, 51, 7-11, 7-22,	RI-401	.79
	RI-402	.79
Radiola 44, 46, 47	RI-403	.79
Radiola 60, 62	RI-404	.79
Radiola 64, 67, 9-18, 9-54	RI-405	.79
Radiola 64 (Sensitivity Control)	RI-406	.79
Radiola 66	RI-407	.79
Radiola 80, 82, 86, 35, 39, 51,	RI-381-G	.79
Radiola R-5, R5X	RI-382	.66
Radiola Superett R7A	RI-383-G	.79
Radiola R-11	RI-385	.66
Radiola Superett (Tone Control)	RI-379	.79
Radiola 46 DC	RI-408	.66
Radiola RAE 59, RAE 79, R50, R55, RE28	RI-413	.66
Radiola RAE 26, R11 (Tone Control)	RI-380-P	1.06
Radiola 80 Series (Phono. Volume Control)	RI-384	.66
Radiola 42	FB-570-T	2.12
Model 33A	RI-272	.59
R-32, RE45, RE52, RE75	R-1706-T	1.59
R-15, 48, 92	FB-228-T	2.12
R-14	FB-271-T	2.12
RE-35, RE-39, 57	FB-336-T	2.12
SILVER-MARSHALL		
37, 38, 39, 782, 770	RI-202	.59
C Super, Model "A," Model "F," "D," "E," 726	RI-234	.59
Model 36A, 710, 740, 724	RI-233	.59
620, 630, 635, 644	RI-204	.59
SC-2	RI-273	.59
722-30, 30B, 60B, 75B-90B, 712, Model B	RI-283	.59
Bearcat-Midget, SMD1 Super, R Superhet, Q. S. W. Super, 727 Allwave	RI-240	.59
	RI-208	.59
37, 38, 39	RI-201	.59
716, "J," "G"	RI-277	.59
SONORA PHONOGRAPH CO.		
3R, 4R, 2RP, 25	RI-561	.66
B-31	RI-232	.59
STEWART-WARNER CORP.		
Models 950, 980, Battery 950, 970, R100C, DC	R-1759-T	1.32
900-811	RI-202	.59
R100A, R100B, R100E	RI-208	.66
Models 102A, B. E., R101A, R101B	RI-202	.59

Manufacturer	Stock No.	Your Cost
STROMBERG CARLSON TELEPHONE MFG. CO.		
1A, 1B, 501, 502, 601, 602, 633, 634, 523, 524	RI-204	$0.59
635, 636 (Short Shaft)	RI-32	.66
(Double Shaft)	R-1437	.53
846, 848 (Double Shaft)	R-1684	.66
(Long Shaft)	RI-31	.66
641, 642, 652, 654 (Long Shaft)	RI-31	.66
(Double Shaft)	R-1436	.53
25, 26	RI-276	.59
638 DC	RI-372	.66
Models 10, 11, 16, 17	RG-481	.92
Models 19, 20, 21	RG-482	.66
Models 12, 14	RG-483	.92
Models 22, 24, 27	RG-484	.92
Models 38, 39, 40, 41	R-1826-T	1.32
TEMPLE CORP.		
8-61, 8-81, 8-91	R-1681-T	1.32
UNITED AIR CLEANER CORP.		
106B, 440, 10B, 666C, 666, 104	RI-201	.59
Sentinel 114	RI-203	.59
110, 108A, 108B, 99	RI-240	.59
7 Tube Super	RI-282	.59
108 Super Midget	RI-242	.59
U. S. RADIO & TELEVISION CORP.		
Case 80, Apex 36, 37, 50, 60, 90, 99	RI-201	.59
Apex 31, 32, DC Model 33, Model 30 Auto, Gloriatone Late 27, 26, 29, 32, Apex 49, Batt. Gloriette 20	RI-240	.59
Gloriatone Early 27	RI-276	.59
Gloriatone 28, 29, 32	RI-274	.59
No. 8 Series Super Heterodyne, No. 10 Series Super Heterodyne	RI-206	.59
7 Series, Pentode	RI-203	.59
SPARKS-WITHINGTON		
49, 5-26, 5-15, 39, 6-26, 6-15	RI-204	.59
5, 9	RI-361-P	1.06
10	RI-360-P	1.06
15	RI-359-P	1.06
25, 26	RI-358-P	1.06
110AC, 301, 111A, 101, 103, 109, 589, 600, 610, 620, 930, 931, 79A, 89A, 69, 737, 574, 870, 591, 593, 564, 570, 740, 750	RI-357	.66
410, 420 (Junior, Jewell)	R-1717-TP	1.59
AR-19 (Auto Radio)	RG-480	.79
Sparton 41	RI-241	.59
STEINITE		
40, 50, 102, 40C, 60C, 102C, 70, 80, 95, 991, 992, 993, 26, 15, Models 412, 420 (Model 15 Chassis), Models 210, 230, 420, 450 (Model 17 Chassis)	RI-202	.59
Models 421, 425 (Model 21 Chassis), Models 203, 600, 605, 630, 635, 642, 643 (Model 22 Chassis), 22, 28, 261, 262, Model 423 (Model 23 Chassis)	RI-201	.59
Models 700, 705, 706, 725, 642B (Model 26 Chassis), Models 700, 701 (Model 28 Chassis)	RI-277	.59
WESTINGHOUSE ELECTRIC & MFG. CO.		
WR-5, WR-6, WR-7, WR-8	RI-381-G	.79
WR-10, WR-10A	RI-383-G	.79
WR-14	RI-382	.66
WR-15	RI-385	.66
WR-7, WR-9 (Phono. Volume Control)	RI-384	.66
WR-4	FB-228-T	2.12
ZENITH RADIO CORP.		
14, 15, 16, 17, 27, 39, 6 Tube Zenette, 33, 34, 35, 35A, 342, 352, 352A, 362, 333, 353, 34-P, 342P, 40A, 41, 42, 422, 35PX, 35APX, 352PX, 352APX, 37A, 55	RI-202	.59
52, 53, 54, 60, 61, 62, 64, 67, 602, 613, 622, 642, 672	RI-205-P	.92
5 Tube Zenette	RI-205	.59
5 Tube Zenette with Pentode	RI-201	.59
Hyper-Merton, 82, 89, 822, 892, 10, 11, 12, 102, 112, 122	RI-240	.59
70	RI-205	.59
	R-1434-TP	1.59

ELECTRAD Snap-On Volume Controls

Wire Wound up to 5000 OHMS—Carbon Resistance Type over 5000 OHMS

Can be used in all types of volume control circuits in all makes of radio receivers. Sturdily constructed for extra long life. Wire wound on fibre strip. Carbon resistance type—covered with separate wire segments on which contact is made. This type of construction permits smooth contact surface and prevents wearing down of resistance element. Unit enclosed in cadmium plated steel case with bakelite back, diameter 1⅞ in., depth ⅝ in. Shaft is ¼ in. diameter, extends 2 inches, easily cut to any desired length for they are made of aluminum.

All of the controls are of the potentiometer type. To use as a rheostat simply make connection to center and either one of the outside terminals. The snap-on feature eliminates the necessity of keeping duplicate values of controls on hand.

Stock No.	Ohms Taper	Stock No.	Ohms Taper
RI-204	Rheostat 10 Unif.	RI-560	.....7500 Tap.
RI-269	.....20 Unif.	RI-240	.....10000 Tap.
RI-270	.....30 Unif.	RI-283	.....10000 Unif.
RI-271	.....50 Unif.	RI-573	.....12000 Rev.
RI-272	.....100 Unif.	RI-201	.....15000 Tap.
RI-273	.....200 Unif.	RI-279	.....25000 Unif.
RI-274	.....400 Unif.	RI-280	.....25000 Tap.
RI-282	.....600 Unif.	RI-241	.....30000 Tap.
RI-275	.....800 Unif.	RI-205	.....50000 Unif.
RI-276	.....1000 Unif.	RI-202	.....75000 Rev.
RI-232	.....2000 Unif.	RI-242	....100000 Tap.
RI-233	.....3000 Unif.	RI-281	....200000 Unif.
RI-277	.....4000 Unif.	RI-208	....250000 Tap.
RI-234	.....5000 Unif.	RI-203	....500000 Tap.
RI-278	.....5000 Tap.	RI-206	...1000000 Tap.

All above controls are potentio. type **59c**

110 Volt Snap-on Switch.. **29c**

Wire Wound Enameled Resistors

½ x 2 Isolantite tube.—5 watt rating.

Made by winding the best quality enameled Nichrome wire on refractory tubes, which are then completely insulated and sealed in a moisture and heat resisting enamel of enduring quality. The lugs are of monel metal for good electrical contact and they are solder dipped for easy soldering. Particularly suitable for use as divider resistors, multipliers for voltmeters, and general laboratory work.

Cat. No.	Ohms		Cat No.	Ohms	
EV-5	500	$ .50	EV-19	35000	.73
EV-6	1000	.50	EV-20	40000	.73
EV-7	2000	.50	EV-21	50000	.73
EV-8	3000	.50	EV-22	60000	.73
EV-9	5000	.59	EV-23	75000	.73
EV-10	7500	.59	EV-24	80000	.73
EV-11	10000	.73	EV-25	90000	.73
EV-12	12500	.73	EV-26	100000	.73
EV-13	15000	.73	EV-27	125000	.88
EV-14	17500	.73	EV-28	150000	.88
EV-15	20000	.73	EV-29	200000	1.03
EV-16	25000	.73	EV-30	250000	1.32
EV-18	30000	.73	EV-31	500000	2.06

Shielded 75 Watt Truvolt Resistors

Embodies the popular Truvolt basic construction have a perforated metal cage enclosure. Complete with 3 extra adjustable taps. 7⅛" overall length. 6¼" distance between mounting centers. ⅝" outside diameter.

Cat. No.	Ohms	Price	Cat. No.	Ohms	Price
SD-1	100	$1.09	SD-50	5000	1.09
SD-2	200	1.09	SD-60	6000	$1.12
SD-3	300	1.09	SD-70	7000	1.15
SD-4	400	1.09	SD-72	7200	1.15
SD-5	500	1.09	SD-75	7500	1.18
SD-7-5	750	1.09	SD-80	8000	1.18
SD-8	800	1.09	SD-90	9000	1.24
SD-10	1000	1.09	SD-100	10000	1.32
SD-12-5	1250	1.09	SD-120	12000	1.32
SD-15	1500	1.09	SD-150	15000	1.47
SD-20	2000	1.09	SD-200	20000	1.47
SD-22-5	2250	1.09	SD-250	25000	1.56
SD-25	2500	1.09	SD-300	30000	1.56
SD-30	3000	1.09	SD-400	40000	1.56
SD-35	3500	1.09	SD-500	50000	1.62
SD-40	4000	1.09	SD-600	60000	1.65
SD-45	4500	1.09	SD-800	80000	1.71
			SD-1000	100000	1.76

POWERTEST RESISTORS

Production is rigidly controlled—only those units which pass severe accuracy and breakdown tests survive. Ideal for all uses when Wire Wound Resistors are required.

Wound on a special refractory tube of non-oxidizing resistance wire. Each type is a conservatively engineered product—not a haphazard product as are many competitive makes.

KEY

A—Add 2c to net price for each additional tap.
B—Add 3c to net price for each additional tap.
C—With Edison Base add 10c to net price.
D—With brackets add 6c to net price.
E—Extra adjustable bands—3c each.
F—Add 10c for Non-Inductive Bleeder Resistors.

Watts	Lgth.-Diam.	Resistance	Price
2	2 x ⅜	26,000 to 40,000 ohms	$.34
2	2 x ⅜	41,000 to 50,000 ohms	.40
A			
5	1 x ⅜	1 to 20 ohms	.22
5	1 x ⅜	21 to 50 ohms	.19
5	1 x ⅜	55 to 900 ohms	.19
5	1 x ⅜	1,000 to 10,000 ohms	.22
5	1 x ⅜	11,000 to 15,000 ohms	.25
A			
5	1¼x ⅜	16,000 to 25,000 ohms	.28
A			
5	2 x ⅜	1 to 20 ohms	.22
5	2 x ⅜	21 to 50 ohms	.19
5	2 x ⅜	55 to 900 ohms	.19
5	2 x ⅜	1,000 to 10,000 ohms	.22
5	2 x ⅜	11,000 to 15,000 ohms	.25
5	2 x ⅜	16,000 to 25,000 ohms	.28
A			
5	2 x ½	1 to 20 ohms	.22
5	2 x ½	21 to 50 ohms	.22
5	2 x ½	55 to 900 ohms	.19
5	2 x ½	1,000 to 10,000 ohms	.22
5	2 x ½	11,000 to 15,000 ohms	.28
5	2 x ½	16,000 to 25,000 ohms	.31
5	2 x ½	26,000 to 40,000 ohms	.38
5	2 x ½	41,000 to 50,000 ohms	.44
A			
10	2 x ⅜	5 to 50 ohms	.28
10	2 x ⅜	55 to 750 ohms	.25
10	2 x ⅜	800 to 10,000 ohms	.28
10	2 x ⅜	11,000 to 25,000 ohms	.34
10	2 x ⅜	26,000 to 40,000 ohms	.40
10	2½x ⅜	41,000 to 50,000 ohms	.50
A			
15	3 x ⅜	5 to 20 ohms	.34
15	3 x ⅜	25 to 50 ohms	.31
15	3 x ⅜	55 to 750 ohms	.28
15	3 x ⅜	800 to 10,000 ohms	.34
15	3 x ⅜	11,000 to 25,000 ohms	.40
15	3 x ⅜	26,000 to 40,000 ohms	.44
15	3 x ⅜	41,000 to 50,000 ohms	.53
A			
20	4 x ⅜	10 to 50 ohms	.38
20	4 x ⅜	55 to 750 ohms	.31
20	4 x ⅜	800 to 10,000 ohms	.40
20	4 x ⅜	11,000 to 25,000 ohms	.44
20	4 x ⅜	26,000 to 40,000 ohms	.47
20	4 x ⅜	41,000 to 50,000 ohms	.53
A			
25	5 x ⅜	10 to 50 ohms	.44
25	5 x ⅜	55 to 750 ohms	.38
25	5 x ⅜	800 to 10,000 ohms	.47
25	5 x ⅜	11,000 to 25,000 ohms	.50
25	5 x ⅜	26,000 to 40,000 ohms	.53
25	5 x ⅜	41,000 to 50,000 ohms	.59
A			
35	4 x ⅛	10 to 50 ohms	.57
35	4 x ⅛	55 to 750 ohms	.47
35	4 x ⅛	800 to 10,000 ohms	.59
35	4 x ⅛	11,000 to 25,000 ohms	.63
35	4 x ⅛	26,000 to 40,000 ohms	.63
35	4 x ⅛	41,000 to 50,000 ohms	.67
D—B—C			
50	5 x1	50 to 90 ohms	.72
50	5 x1	100 to 750 ohms	.59
50	5 x1	800 to 10,000 ohms	.62
50	5 x1	11,000 to 25,000 ohms	.67
50	5 x1	26,000 to 40,000 ohms	.69
50	5 x1	41,000 to 50,000 ohms	.72
D—B			
50	6 x ⅛	50 to 90 ohms	.72
50	6 x ⅛	100 to 750 ohms	.59
50	6 x ⅛	800 to 10,000 ohms	.63
50	6 x ⅛	11,000 to 25,000 ohms	.67
50	6 x ⅛	26,000 to 40,000 ohms	.69
50	6 x ⅛	41,000 to 50,000 ohms	.72
B—C—D			
75	8 x ⅛	50 to 90 ohms	1.10
75	8 x ⅛	100 to 750 ohms	.88
75	8 x ⅛	800 to 10,000 ohms	.76
75	8 x ⅛	11,000 to 25,000 ohms	.82
75	8 x ⅛	26,000 to 40,000 ohms	.86
75	8 x ⅛	41,000 to 50,000 ohms	.88
75	8 x ⅛	51,000 to 100,000 ohms	1.10
C—B—D			

BLEEDER RESISTORS—CENTER TAP

Watts	Lgth.-Diam.	Resistance	Price
75	8 x1	5,000 ohms	$.79
75	8 x1	10,000 ohms	.79
75	8 x1	20,000 ohms	.86
75	8 x1	50,000 ohms	.94
75	8 x1	100,000 ohms	1.20
D—F			
100	9½x1	5,000 ohms	.91
100	9½x1	10,000 ohms	1.01
100	9½x1	20,000 ohms	1.03
100	9½x1	50,000 ohms	1.07
100	9½x1	100,000 ohms	1.29
D—F			

With Brackets—Add 6c.

VARIABLE RESISTORS WITH SLIDING BANDS

Watts	Lgth.-Diam.	Adjustable	Resistance	Price
5	1¾x ⅜	1	500- 5,000 ohms	$.25
10	2 x ⅜	1	1,000-10,000 ohms	.31
15	2½x ⅜	1	3,000-15,000 ohms	.47
20	4 x ⅜	2	5,000-25,000 ohms	.53
25	5 x ⅜	3	10,000-25,000 ohms	.59
30	4½x ¼	3	5,000-10,000 ohms	.63
40	5¼x ¼	4	13,000-25,000 ohms	.67
50	6 x ¼	6	36,000-50,000 ohms	.94
75	8 x ¼	6	5,000-10,000 ohms	.97
75	8 x ⅛	6	15,000 ohms	1.07
75	8 x ⅛	6	25,000 ohms	1.22
75	8 x ⅛	6	50,000 ohms	1.39
75	8 x ⅛	6	100,000 ohms	1.41
100	9½x1	6	5,000 ohms	1.03
100	9½x1	6	10,000 ohms	1.07
100	9½x1	6	15,000 ohms	1.10
100	9½x1	6	25,000 ohms	1.29
100	9½x1	6	50,000 ohms	1.45
100	9½x1	6	100,000 ohms	1.51
E				

POWERTEST REPLACEMENT VOLTAGE DIVIDERS

A complete line of receiver voltage dividers, dropping and bias resistors. A production model for all regular sets. Designed to conform in physical and electrical specifications with the original factory design in all cases. Greatly simplifies service problems. Replacement with POWERTEST units guarantees satisfaction. No second service call—place in the receiver and forget.

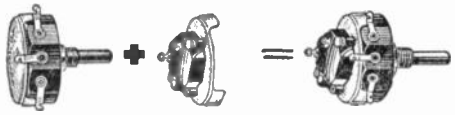
Amrad 7 A.C.	4080 ohms	2175-1555-350	$.60
" 70	8600 ohms	5000-3600	.57
" 82	2475 ohms	475-300-1000-700	.63
Apex 27	23800 ohms	10700-8400-4700	.66
" 48	2970 ohms	70-2200-700	.54
Balkite 180B	10800 ohms	6000-3000-1800	.69
Brandes B.10	8540 ohms	5600-0-1000-140-1800	.66
" B.16	2955 ohms	2500-45-410	.63
Bosch Type Edison Base	20 ohms		.57
" 48	4400 ohms	950-1450-2000	.57
" 49	4400 ohms	1950-800-1650	.63
" 58	5730 ohms	950-180-1950-2050	.66
" 62	4250 ohms	1400-2600-2500	.66
" 260R	7480 ohms	3700-2270-1510	.63
Bremer-Tully 6-40	16720 ohms	3000-560-6500-5000-1660	.73
Brunswick P.14	10700 ohms	300-100-700-2600-7000	.63
" PR8-B17	9100 ohms	1900-200-2500-4000-2500	.66
" 5KR7-3KR-2KR	3940 ohms	1600-1900-440	.66
" 3NC8-5NC8	1290 ohms	400-350-350-190	.69
" 3NW8	7980 ohms	2200-300-4000-1280	.66
" 3NW8	3040 ohms	1500-1000-250-130-160	.69
Colonial No. 28 A.C.	125000 ohms	50000-50000-25000	.76
" No. 28 A.C.	15500 ohms	8500-7000	.63
" No. 28 A.C.	7200 ohms	1000-4000-2200	.63
" 32 D.C.	34.9 ohms		.90
" 32-33-34 A.C.	121000 ohms	60000-50000-11000	.76
" 31 A.C.	111000 ohms	37000-37000-37000	.73
" 36 D.C.	176 ohms	4-36-136	.88
Columbia Kolster 500	2635 ohms	2100-120-430	.63
" 931	9055 ohms	6000-2200-135-700	.69
" 950	13100 ohms	9000-3200-140-70-700	.66
" 960	50000 ohms	3000-20000	.30
" 961C5	8050 ohms	7200-60-90-700	.66
Crosley 704	5000 ohms	3475-1525	.47
" 705 D.C.	140 ohms	95-45	.50
Edison R1	1500 ohms	750-750	.35
Fada 18 D.C.	250 ohms	200-40-10	.63
Freed 958	4750 ohms	4000-0-750	.66
" NR95	5000 ohms		.63
Freed Eisemann NR60	6350 ohms	2000-350-0-4000	.73
" NR80	4350 ohms	4000-0-350	.66
" NR80	3750 ohms	2000-1750	.59
" NR85	2350 ohms	2000-350	.57
" NR85	4250 ohms	1900-2000-0-350	.69
" 411 P.P.	540 ohms	360-90-90	.60
Freshman "G"	10950 ohms	300-1250-4300-3000-2100	.66
" G60S	11300 ohms	1800-4500-3000-2000	.66
" "N"	18100 ohms	2200-6600-3300-4500-1500	.66
General Motors	5187 ohms	800-59-1863-2000-465	.69
"	18530 ohms	1400-3500-5800-7000-180-650	.73
Grebe A.C. 6	9450 ohms	5900-2800-750	.66
" A.C. 6	7090 ohms	6300-95-695	.66
" A.C. 6	2500 ohms		.35
Kennedy 32	5750 ohms	2800-400-1800-750	.66
" 20B	4250 ohms	2000-1500-650	.63
Kolster 6H	6440 ohms	500-5000-940	.63
" 6J	7120 ohms	3000-3000-220-900	.38
" 21K	1115 ohms	90-125-900	.63
" 22K	7120 ohms	3000-3000-220-60-840	.69
" 42K	3580 ohms	840-140-2600	.39
" 43	2980 ohms	1600-1000-380	.66
" 44K	2650 ohms	1450-650-200-350	.69
Majestic 20	12650 ohms	150-800-0-7500-4200	.95
" 60	12700 ohms	6500-0-4300-600-0-500-800	.95
Peerless K70	19000 ohms	2500-8000-8500	.73
Philco 20	5107 ohms	1400-187-75-0-2470-975	.59
" 30-76-77-77A	1050 ohms	250-800	.35
" 70	3610 ohms	180-70-0-2300-1060	.66
" 86	4750 ohms	2100-1000-150-1500	.69
" 87	4582 ohms	3785-157-0-640	.66
" 511	20700 ohms	12500-5500-0-300-2400	.73
R.C.A. 17	9100 ohms	1900-200-2500-4000-500	.59
" 18	3940 ohms	1600-1900-440	.29
" 28	2800 ohms	2000-300-500	.69
" 30A	6700 ohms	3000-2000-300-500-900	.66
" 41	25300 ohms	12300-8000-5000	.66
" 44-46	2560 ohms	500-0-1460-540-0-60	.66
" 44-46	8400 ohms	2800-900-3600-1100	.66
" 60-62	1280 ohms	400-350-350-190	.66
" 64	3040 ohms	1500-1000-250-130-160	.69
" 64	7780 ohms	1280-4000-300-2200	.66
" 64-67 Bias	4470 ohms	310-3850-310	.54
" 67	4030 ohms	2400-960-240-115-215-100	.69
" 67	8335 ohms	1435-3400-300-3200	.66
Sonora B.31	6950 ohms	750-1200-1500-3500	.63
Steinite 50	25877 ohms	8100-11750-5200-827	.73
" 70	22440 ohms	10000-10000-2440	.73
" 991	2500 ohms	1000-1000-250-0-250	.63
Stewart-Warner 950	3250 ohms	850-2400	.47
" " 950	15500 ohms	10000-5500	.63
Stromberg-Carlson 10-11	4500 ohms	400-100-4000	.73
" " 10-11	10000 ohms	4750-3250-2000	.73
" " 403A	5500 ohms	3000-2500	.66
" " 523	3770 ohms	3000-70-700	.69
" " 523	5500 ohms	3000-2500	.66
" " 635	9250 ohms	2500-3000-3000-770	.66
" " 638	9000 ohms	2500-6000-500	.63
" " 642	9750 ohms	1450-4000-3000-1300	.66
" " 642	11000 ohms	7800-3200	.63
Victor RE45-RE52-RE75-R32	4325 ohms	2000-1350-200-775	.63
Zenith 10	24500 ohms	6000-7500-8500-2500	.69
" 10-33X	22700 ohms	5200-5500-12000	.73
" 11	7200 ohms	3200-1200-1200-1600	.69
" 18	35300 ohms	13000-11000-9500-1800	.73
" 50	6000 ohms	850-2350-2800	.66
" 12	7500 ohms	1000-3500-1000-2000	.73

Prompt Service-Shipments within 24 Hours

CLAROSTAT

VOLUME CONTROLS, VOLTAGE REGULATORS, SPEED CONTROLS

Ad-a-Switch Wire Wound Units and Switch Coverplates



Wire wound controls with detachable switches. The dealer and serviceman need not stock duplicate sets of controls, those with switches and those without. These units eliminate waste. The dust guard cover plate can be pried off the plain control and a Cat. No. 1250 switch type dust coverplate snapped in its place, thus converting the ordinary unit into a switch unit. When the Clarostat is used without the switch the first 30 degrees of rotation create no change in resistance value, or volume, as this part of the instrument has zero resistance to allow for the operation of the switch.

Cat. No.	Ohms	Type and Suggested Use	Net Price
1201	50	Standard Pot., no taper	$0.42
1202	100	Standard Pot., no taper	.42
1203	200	Standard Pot., no taper	.42
1204	300	Standard Pot., no taper	.42
1205	400	Standard Pot., no taper	.42
1206	500	Standard Pot., no taper	.42
1207	750	Standard Pot., no taper	.47
1208	1000	Standard Pot., no taper	.48
1209	1000	Tapered Pot. for untuned Ant. Cont.	.48
1210	2000	Standard Potentiometer, no taper	.48
1211	2000	Tapered Pot. for untuned Ant. Cont.	.48
1212	2000	Tapered Pot. for "C" Bias Control	.53
1213	3000	Standard Potentiometer, no taper	.48
1214	3000	Tapered Pot. for combined Ant. and "C" bias control	.53
1215	3000	Tapered Pt. for "C" bias control	.53
1216	5000	Standard Potentiometer, no taper	.48
1217	5000	Tapered Pot. for combined Ant and "C" bias control	.53
1218	5000	Tapered Pot. for "C" bias control	.53
1219	7500	Standard Potentiometer, no taper	.48
1220	7500	Tapered Pot. for combined Ant. and "C" bias control	.53
1221	7500	Tapered Pot. for "C" bias control	.53
1222	10000	Standard Potentiometer, no taper	.48
1223	10000	Tapered Pot. for Ant. or R.F. coil control	.58
1224	10000	Tapered Pot. for combined Ant. and "C" bias control	.58
1225	10000	Tapered Pot. for "C" bias control	.58
1226	10000	Tapered Pot. for Screen Grid Voltage control	.58
1227	15000	Standard Potentiometer, no taper	.52
1228	15000	Tapered Pot. for combined Ant. and "C" bias control	.58
1229	15000	Tapered Pot. for Screen Grid Voltage control	.58
1230	20000	Standard Potentiometer, no taper	.58
1231	20000	Tapered Pot. for "C" bias control	.64
1232	25000	Standard Potentiometer, no taper	.64
1233	30000	Standard Potentiometer, no taper	.68
1234	40000	Standard Potentiometer, no taper	.69
1235	50000	Standard Potentiometer, no taper	.72

Note: All the above units are potentiometers and are provided with three terminals. They may be used as rheostats by using the center contact arm terminal and one of the resistance element terminals. Supplied without knobs.

Switch for All Above Controls No. 1250. Each..... 25c

Clarostat Voltage Regulators

Designed to prevent excessive voltage being applied to receivers and socket power devices. Maintains correct value at all times irrespective of line conditions. Special winding also functions as a radio frequency choke, thus reducing line noises to a minimum. Increases tube life. Pays for itself in a few months' use. May be used on any device within its voltage rating. Wattage: 60-100; 100-150; 150; 150-200; 200-250.

Cat. No. 1279.
Our Price, each **90c**

Power Clarostat

A heavy duty variable resistor for power units, transmitter or for other electrical control work. Often used for the control of line voltage. Heat dissipated quickly and efficiently. Used for controlling "C" bias in many large amplifiers.

Cat. No.	Model	Range	Carrying Capacity
1236	Fil. Cont.	¼ to 10 ohms	80 watts
1237	Low Range	25-100 ohms	80 watts
1238	Universal	200-100000 ohms	80 watts

Our Price **$2.05**

Graphite Element Volume Controls

Without Switch — With Switch

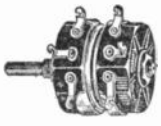
These graphite volume controls have lasted under the most severe tests over a long period of time. Will outlast the average volume control and will continue to operate noiselessly. Will not change its resistance.

Cat. No.	Resistance	Suggested Use Taper For
1239	1,000	Untuned Antenna
1240	1,000	Standard Potentiometer
1241	2,000	Antenna Untuned
1242	2,000	Standard Potentiometer
1243	3,000	Standard Potentiometer
1244	5,000	Standard Potentiometer
1245	10,000	Antenna or R.F. Coil
1246	10,000	Antenna & C Bias Combined
1247	10,000	Standard Potentiometer
1248	25,000	Standard Potentiometer
1249	25,000	Phonograph Pick-Up
1250	50,000	Screen Grid Voltage
1251	50,000	Standard Potentiometer
1252	75,000	C Bias Rheostat R.F. Stages
1253	75,000	Standard Potentiometer
1254	100,000	Antenna or R.F. Primary Shunt
1255	100,000	Tone Control
1256	100,000	Standard Potentiometer
1257	200,000	Screen Grid Control
1258	200,000	Standard Potentiometer
1259	200,000	Pentode Tone Control
1260	250,000	Standard Potentiometer
1261	350,000	Standard Potentiometer
1262	500,000	Standard Potentiometer
1263	1 meg.	Tuned R.F. Coil Shunt
1264	1 meg.	Tone Control

70c each
Without Switch

Self contained A.C. switch supplied with any unit at 20 cents additional. We can supply these controls in duals.

Constant Impedance Controls



These controls are used for radio and sound work requiring no change in the impedance of the circuit. Used in phone line circuits. Wire windings are employed so that uniform change may be had in each unit. Consists of a fixed load resistor and a variable input resistor with a common tap on the rotor arm.

Dual Type "L" Pad

Cat. No.	
1266	25 ohm for voice coil control.
1267	200 ohm for line or microphone control.
1268	500 ohm for line or mixing transformer control.
1269	2000 ohm for phonograph or high impedance speaker control.

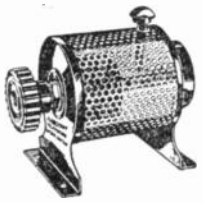
Our Price **$1.75**

Phonograph Pick Up Control

A handy unit for controlling pickup from phonograph to radio receiver or amplifier. This graphite type control comes with two tip jacks and phone cord with tips. Handsome bakelite case. Can be used for control of magnetic speakers or headphones.

Cat. No. 1270.
Our Price **89c**

Laboratory Speed Control



The speed control Clarostat consists of a low range power Clarostat. Mounted in a neat ventilated protective housing and provided with a handy short-circuiting switch. Furnished in the three types enumerated below.

Cat. No. 1271 Type C.P. 1—¼-10 ohm
Our Price **$2.94**

Cat. No. 1272 Type C.P. 2—25-500 ohm
Our Price **$2.94**

Cat. No. 1273 Type C.P. 3—200-100 M ohm
Our Price **$2.94**

Volume Controls

This volume control is designed primarily for use as a volume and tone control. A maximum rating of 7 watts and a resistance range from zero up to 500,000 ohms is obtainable.

Cat. No. 1274
Our Price **90c**

Clarostat Variable Grid Leak

For use wherever a small, efficient variable resistor of comparatively low power rating and high resistance is required. Can be used in all circuits where the voltage is not likely to exceed 100 volts at any time.

Specially suited for use as a variable grid leak in which capacity it provides an efficient means of adjusting the detector circuit to any degree of sensitivity desired. It may also be used as the grid coupling resistance in resistance and impedance coupled amplifiers.

The resistance setting remains constant indefinitely at any setting.

The unit projects only 1 in. overall back of panel. Diameter of case is 1¼ in. It mounts on a panel with a single ⅜ in. or 7/16 in. hole. The mounting bushing is long enough to permit mounting on a ¼ in. panel.

Cat. No. 1275
Our Price **95c**

Type CTT Table Type Clarostat Tone Control

A convenient accessory, applicable to any radio set without the use of tools or knowledge of radio technique. It can be used for controlling the tonal response. The level of bass or treble can be lowered or raised at will.

Cat. No. 1276
Our Price **95c**

Type TCA Tone Control for Panel Mounting

Same as above, but for panel mounting.
Cat. No. 1277. Our Price..... **79c**

VARIABLE CONDENSERS

Single Gang Variable Condenser

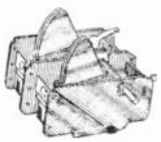
.00014 Capacity

A high grade condenser of advanced design. Bathtub construction with heavy rigid plates. Precise insulation and accurate alignment characterize this model. The plates are split to provide trimmer adjustment without additional condenser.

Capacity .00014.

Cat. No. VC-7034. Our Price **75c**

Powertest Two Gang .00014 Condenser

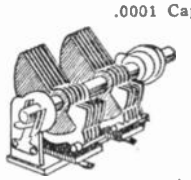


Specified for the gang tuning of two circuits in short wave converter construction. Sections are laboratory matched to provide perfect tracking. Special electrostatic baffle between sections effectively isolates stages. Positive rotor contact. Low noise level and practically zero losses. Low phase angle. Extensively used in low power ultra high frequency equipment. Single hole panel mounted. Soldered tie bar design for constant resistance.

Cat. No. 2C-7035. .00014 mmfd. per section. Our Price **89c**

Powertest Dual Gang Midget Condenser

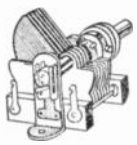
.0001 Capacity Ea. Section



A finely constructed dual gang condenser. Employs small sized midget plates. Ideal for shortwave converter, and shortwave receiver installation, or used in any ganged tuning high frequency apparatus. Carefully insulated—ideal for all construction purposes. Soldered tie bar construction with rotor wiping contact. A strictly high frequency design—not a makeshift cut down broadcast condenser. Extensively used in amateur and commercial equipment.

Cat. No. 2C-7044. Our Price **$1.25**

Powertest Low Loss Short Wave Condenser



Compactly constructed — designed for the ultimate in efficiency. Employs soldered tie bar construction —rigid brass plates. Rotor wiping contact—noiseless—low loss—minimum dielectric in electrical fields.

Cat. No. SWC-100. 100 mmfd. (.0001) }
Cat. No. SWC-140. 140 mmfd. (.00014) } **59c**

.00025 Condenser and Coils 100 to 200 Meters

A high quality condenser with electrical and mechanical refinements that stamp it as a leader. The frame is die-cast from the purest aluminum and is warpless. Light in weight without the sacrifice of the slightest desirable quality. The condenser plates are of leveled aluminum sheet correctly designed. Each section is provided with individual compensators with the adjusting nut grounded to the frame and rotor plates, thus eliminating hand capacity effects. The condenser comes complete with a set of coils which will cover from 100 to 200 meters or the entire television band. These condensers were standard equipment with the Jenkins Television Kit

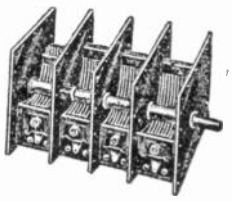
Cat. No. 2063.
Our Price **$1.50**

Hammarlund Equalizing Condenser

Compensates condenser sections, also used in neutralizing circuits.

Cat. No. 2060.
Our Price **15c**

De-Jur Amsco Variable Condensers



This nationally known line incorporates many advanced engineering features found in no other line. Designed to combine electrical efficiency and rigidity—especially suited for use wherever hard usage is found. The frame is of solid steel with large oversized bearings to guarantee permanent alignment. Ideal for portable and autoreceivers where constant vibration must be withstood. Absolutely will not vibrate and cause frequency modulation even when mounted in a cabinet receiver using a high powered class "B" amplifier. Also sections are individually matched with trimmers. Capacity .00036.

TYPE 2403-A—with Superhet Tracking Section

Cat. No. 2051—2 Gang. Our Price **$1.75**
Cat. No. 2052—3 Gang. Our Price **$2.50**
Cat. No. 2053—4 Gang. Our Price **$3.25**

TYPE 2403-B—for T.R.F. Circuits

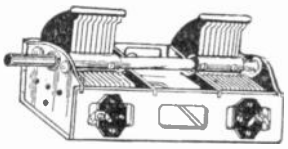
Cat. No. 2054—1 Gang. Our Price.. **94c**
Cat. No. 2055—2 Gang. Our Price **$1.58**
Cat. No. 2056—3 Gang. Our Price **$2.25**
Cat. No. 2057—4 Gang. Our Price **$2.97**

Intermediate Tuning Condenser

A product of the internationally known Powertest Laboratories. Provides sharp low loss tuning of these important stages. Remember your superheterodyne is no better than its intermediate stages—insure highest circuit efficiency by using these units. Isolantite insulated—not affected by moisture. Clever locking arrangement insures permanance of capacity setting. Furnished in single and double gang models. The single is intended for use where it is intended to tune the secondary only. Double model tunes both primary and secondary for maximum gain. Also ideal for use as a feed or coupling condenser in short wave equipment.

Cat. No.		Capacity	Price
IC-7037.	Single Gang	10-70 mmfd.	**25c**
IC-7038.	Single Gang	20-140 mmfd.	**29c**
IC-7039.	Single Gang	140-220 mmfd.	**35c**
2C-7040.	Double Gang	10-70 mmfd.	**45c**
2C-7041.	Double Gang	20-140 mmfd.	**49c**
2C-7042.	Double Gang	140-220 mmfd.	**55c**

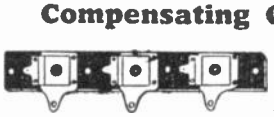
Powertest Two-Gang Condensers



Built into a three gang frame to prevent inter-reaction of sections. Plates made of spring brass, each section of .0005 mfd. capacity. Ideal for use in receiver where isolation of R.F. circuits is necessary. Sturdily made and free from troubles due to the warping of plates.

Cat. No. 2061. Our Price..... **49c**

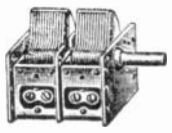
Hammarlund Three Gang Compensating Condenser



This is the standard Hammarlund trimmer or compensating condenser used to align ganged tuning condensers. Three single 35 mmfd. units are mounted on a bakelite strip so arranged that mounting can be done with ease.

Cat. No. 2062.
Our Price **25c**

Powertest Dual Gang Variable Condenser



Ideal for the construction of a modern broadcast receiver. Has features usually found only in the expensive condensers. The battleship construction insures accurate alignment. Plates measure 1/64" thick against .034 of the usual condenser. Individual sections are specially insulated and have well designed electrostatic shields. Effectively isolates circuits. Ideal for use in a receiver employing the new high gain coils. Capacity .00035 each section.

Cat. No. 2C-7043. Our Price **95c**

Powertest Variable Condensers

Most accurately made multiple gang condenser built. Designed to meet the rigid requirements of the new tubes.

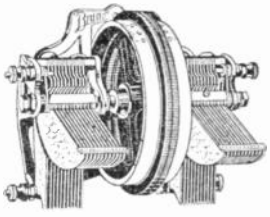
Accurate to a new practical degree of perfection. Widely spaced plates of finest patent aluminum die-cast on the heavy shaft to insure permanent accuracy.

The individual sections of this fine unit are scientifically matched and provide perfect permanent alignment and true calibration. Careful shielding between sections permits the use of the condenser in all sensitive up-to-the-date circuits. Perfect bearings. Each section is provided with individual compensators. .00035 Capacity.

For T.R.F. Circuits:

Cat. No. 2064—2 Gang. Our Price **$1.25**
Cat. No. 2065—3 Gang. Our Price **$1.50**
Cat. No. 2066—4 Gang. Our Price **$2.25**

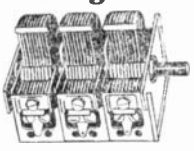
Bruno Unitune Condenser



Consists of 2 .0005 condensers mounted on an aluminum frame. They are insulated from each other and both may be tuned independently. Only two screws are necessary to mount it to the panel. Comes complete with 2 R.F. coils which are easily mounted on the sides of each condenser.

Cat. No. 2519A. Unitune.
Our Price **$1.75**
Cat. No. 2519. Complete with 2 R.F. Coils. Our Price..... **$3.95**

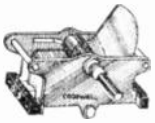
Powertest Superheterodyne Gang Tuning Condensers



Used in popular superheterodyne circuits. One section has specially cut plates to provide proper tracking for all types of superheterodyne circuits. Special shielding partitions between stages prevent circuit interaction. Oversize bearings and careful alignment of plates characterize this series. Tuning curve is ideal for all purposes, spacing stations equally across dial.

Cat. No. 3C-7036. 3 Gang. Our Price **89c**

Cardwell 60 Mfd. Tuning Condenser



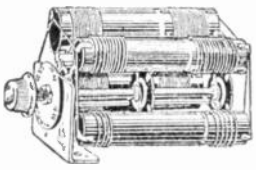
We are able to offer a limited number of these popular condensers. Ideal for all amateur work. Just the thing for band spread short wave tuning—also electrically and mechanically correct for neutralizing purposes. Standard Cardwell large frame. Two plate construction. By adjusting the plate clearance you can secure any maximum capacity from 60 mfds. Laboratory Equipment.

Cat. No. TC-7045. Our Price **75c**

Prompt Service - Shipments within 24 Hours

Short Wave Coils & Chokes

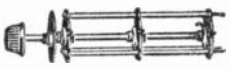
Short Wave Superheterodyne and Converter Coil Assembly 10 to 200 Meters



Designed for the construction of a short wave "superhet" or converter. Includes four positions wave change switch with panel indicator. Insures ample spread of each range. Easy tuning. When used in a converter the coil assembly is complete. For receiver assembly I.F. transformers are added, the number determined by the circuit used. Low loss in design. Substantially constructed wave change switch insures smooth wiping contact. Low noise level. Dimensions 4 7/16" wide, 6 3/16" deep, 4 5/8" high. Shipping weight 4 lbs.

Cat. No. 2503. Coil assembly less I.F. Transformers. Our Price **$3.20**

Four Position Selector Switch



A compact four gang four position switch—ideal for all short wave converter construction and circuit switching purposes. May be applied to test panel devices. Same is used in the above listed coil assembly.

Cat. No. SS-2420. Our Price **$1.20**

Isolantite Plug-In Coil Forms—Five Prong

Low-Loss short wave coil forms for use with five terminal UY sockets. Wood handle permits easy access in changing coils. Five terminal arrangement permits many circuit variations.

Cat. No. 2505.
Our Price **29c**

Duo-Lateral Honeycomb Coils

These coils are especially wound for high ratio of Inductance to stray Capacitance and Resistance. Ideal for long-wave code receivers, for test oscillators and for Inductance standards.

Cat. No. 2408—

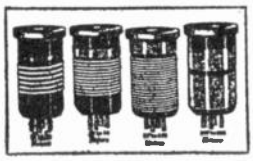
No of turns	Wave Length Coverage using a .00035 mfd. Var. Cond. Meters	Wave Length Coverage using a .0005 mfd. Var. Cond. Meters	Our Price
25	80–220	100–260	$.35
35	110–300	140–350	.38
50	160–430	200–510	.42
75	240–620	290–750	.42
100	310–830	380–990	.46
150	480–1360	590–1500	.52
200	650–1690	780–2000	.56
250	810–2150	990–2700	.66
300	980–2600	1200–3100	.73
400	1300–3500	1600–4120	.83
500	1700–4400	2000–5300	.99
600	2000–5200	2400–6200	1.10
750	2500–6500	3020–7800	1.28
1000	3400–8800	4100–11,500	1.55
1250	4400–10,400	5300–13,500	1.90
1500	6400–14,000	6500–16,500	2.25

Honeycomb Coil Mounting

Plug-in Mount for rapid shifting of honey-comb coils in long-wave receivers, oscillators, etc.

Cat. No. 2414
Our Price **15c**

Bruno Short Wave Coil Set 15-200 Meter



Developed by engineers of the Bruno Laboratories for use in all short wave and television receivers. High efficiency. Ribbed bakelite form, with heavy silvered ribbon secondary winding. Higher frequency coils are space wound. Properly spaced tickler coil insures freedom from detuning and jumpy regeneration. For .00014 condensers.

Cat. No. 2504. Set of 4 coils. Our Price **$2.95**
Cat. No. 2504A. Broadcast coil (200-520 meters). Our Price **85c**
Cat. No. 2504 B. Form only Our Price **29c**

High Impedance R.F. Choke

A Universal Wound choke for use in all broadcast and short-wave receivers. These chokes should be in every service shop for insertion in plate supply leads to stop oscillation. 50-60-85 M.H.

Cat. No. 2410.
Our Price **15c**

Powertest Shielded R.F. Choke

A general purpose choke for all uses in both Short Wave and broadcast receivers. Shielded to prevent inter-action with other circuits. 50-85 MH.

Cat. No. 2411.
Our Price **25c**

Unshielded R.F. Chokes

For general use in short wave and broadcast receivers. Suitable for all plate and filtering circuits and in plate leads of the new mercury vapor rectifiers types 82, 83, 50-60-85 M.H.

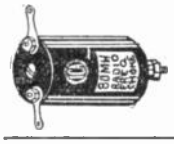
Cat. No. 2419.
Our Price **10c**

Powertest 30-50-85 Millihenry R.F. Choke

A bakelite cased—single-hole mounting r.f. choke of high reputation for use in general laboratory work and short wave construction. Sectionalized winding on impregnated wood former.

Cat. No. 2412.
Our Price **45c**

Bakelite Cased R.F. Choke



A General Purpose Bakelite cased choke for all-round use in service and construction. Well designed choke with pie-wound Sections. 50-60-85 MH.

Cat. No. 2413.
Our Price **35c**

Powertest Shielded R.F. Choke

Especially adaptable for those desiring a high grade choke. It is entirely shielded thus preventing any losses that may occur otherwise. Contains a single screw mount. Is provided with two solder lugs simplifying connection. May be supplied in various capacities. We recommend the use of this choke in the construction of short wave receivers.

Cat. No. CH5021. 25 MH .....
Cat. No. CH5022. 50 MH .....
Cat. No. CH5023. 60 MH .....
Cat. No. CH5024. 85 MHM ..... } **35c**

Powertone Short Wave Plug-In Coils

14 to 210 meters with four coils for low-loss construction. Four prong arrangement for use with UX sockets. Cover band from 14 to 210 meters with .00014 mfd. condenser. Excellent for short wave receivers for portable use.

Cat. No. 2506. Broadcast Band.
Our Price **39c**

Cat. No. 2506-A. Short Wave Band.
Our Price **95c**

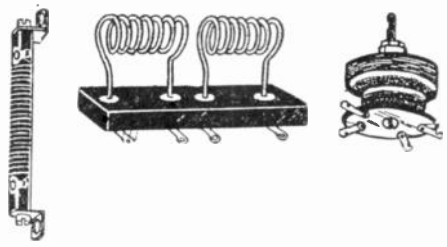
Four and Five Prong Plug-In Coil Forms

Coil forms for use in the construction of short wave receivers. May also be used for winding broadcast band coils for your present receiver. Furnished for either four or five prong (UX or UY) circuits.

Cat. No. 2510. 4 prong..... **10c**

Cat. No. 2516. 5 prong..... **12c**

Powertone 5 Meter Super-Regenerative Receiver Coil Kit



Coil Kit for an Ultra-High Frequency Super-Regenerative Receiver for amateur (56 megacycle) reception or for picking up the new Television Stations. Band of frequencies covered may be readily changed by compressing or expanding the tuning coils with the fingers. Complete with interruption. Frequency Oscillator coils, Tuning coils and R.F. Choke. Build a receiver and explore this fascinating range of frequencies!

Cat. No. 2502. Our Price **$2.75**

Gen-Win "Crystal Controlled Transmitter" Coil Kit for 3500 and 7000 K.C. Band Operation

Consists of a set of three space wound low loss coils. Wound of heavy cotton-covered wire, supported on a special cellulose binder with treated fibre terminal and mounting strip. Three coils are furnished—oscillator plate inductance, a power amplifier plate inductance and antenna coupler coil. Ample power output is secured when used with popular tubes such as a '47 crystal oscillator and a '46 or 210 power amplifier for reliable long distance communication. There is enough output to fully excite an additional amplifier consisting of a 50 Watt (203A or 211) power tube from the buffer stage.

Cat. No. 5031. Complete coil kit **$2.00**

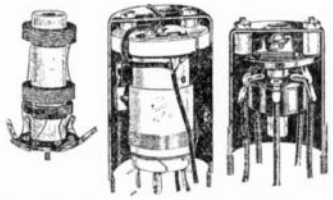
Octo Coil Short Wave Inductance Forms

An internationally-known product. Unique construction insures lowest losses and high circuit efficiency. A ribbed bakelite form with a UX base furnished in various colors for easy coil identification. Specified in popular construction articles.

Cat. No. 5032. ..... **29c**

R. F. AND SUPERHET. COILS

Combination Coil Kits for Super-het and T.R.F. 200-500 Meters



Litz wire wound—low R.F. resistance. Each kit is designed to function as an entirety. The design insures sharp tuning—high circuit efficiency—freedom from harmonics and cross talk. All coils are substantially constructed to insure perfect tracking, permanence of calibration, and freedom from moisture effects. Fully shielded except R.F. Chokes and Pre-Selector Inductances. For use with .00035 condensers. Special designs can be quoted on application. Two hole mount—baseboard or sub-panel. A blue print is furnished with each kit.

Superheterodyne Coil Kits

FIVE TUBE SUPER-HET CIRCUIT

Uses three gang condenser (including tracking condenser). Tubes suggested: 2—'57, 1—'58, 1—'80. Coils: 1—Pre-selector, 1—composite unit, 1—tuned I.F. transformer, 1—8 mh. R.F. choke.
Cat. No. C-2540.
Our Price **$2.30**

SEVEN TUBE SUPER-HET—WITH TRANSLATOR COIL

Uses 4 gang condenser. Tubes suggested: 3—'58, 1—'57, 1—'56, 1—'47, 1—'80. Coils: 1—antenna, 1—translator, 2—I.F. transformers, 1—8 mh. choke.
Cat. No. C-2541.
Our Price **$3.60**

SEVEN TUBE SUPER-HET CIRCUIT—WITH PRE-SELECTOR AND TRANSLATOR COILS

Uses four gang condenser. Tubes suggested: 3—'58, 1—'57, 1—'56, 1—'47, 1—'80. Coils: 1—pre-selector, 1—translator, 2—I.F. transformers, 1—8 mh. R.F. choke.
Cat. No. C-2531.
Our Price **$3.95**

SEVEN TUBE COMPACT AUTO SUPER-HET USING AUTODYNE OSCILLATOR AND AUTOMATIC VOLUME CONTROL

Uses three gang (including tracking) condenser. Tubes suggested: 1—'85, 2—'39, 1—'36, 1—'37, 2—'38, 1—'58. Coils: 1—ant., 1—R.F. transformer, 1—autodyne oscillator, 2—I.F. transformer, 1—8 mh. R.F. choke.
Cat. No. C-2532.
Our Price **$3.85**

SEVEN TUBE SUPER-HET—USING SEPARATE SHIELDING OSCILLATOR COIL

Uses four gang (including tracking) condenser. Tubes suggested: 3—'58, 1—'56, 1—'57, 1—'47, 1—'80. Coils: 1—ant., 1—R.F. transformer, 1—oscillator coil, 2—I.F. units, 1—8 mh. R.F. choke.
Cat. No. C-2533.
Our Price **$3.75**

EIGHT TUBE SUPER-HET CIRCUIT—USES PRE-SELECTOR AND TRANSLATOR COILS

Uses four gang condenser. Tubes suggested: 4—'58, 1—'56, 1—'47, 1—'80. Coils: 1—pre-selector ant., 1—translator, 2—I.F. transformer, 1—special I.F. transformer, 1—8 mh. R.F. choke.
Cat. No. C-2534.
Our Price **$4.87**

EIGHT TUBE SUPER-HET—USES TRANSLATOR COIL

Uses four gang condenser. Tubes suggested: 4—'58, 1—'57, 1—'56, 1—'47, 1—'80. Coils: 1—ant., 1—translator, 1—special I.F. transformer, 2—I.F. transformers, 1—8 mh. R.F. choke.
Cat. No. C-2535.
Our Price **$4.53**

T.R.F. Coil Kits

FOUR TUBE—USES TWO GANG CONDENSER

Tubes suggested: 1—'58, 1—'57, 1—'47, 1—'80. Coils: 1—ant., 1—R.F. transformer, 1—8 mh. R.F. choke.
Cat. No. C-2536.
Our Price **$1.19**

FIVE TUBE—USES THREE GANG CONDENSER

Tubes suggested: 2—'58, 1—'57, 1—'47, 1—'80. Coils: 1—ant., 2—R.F. transformers, 1—8 mh. R.F. choke.
Cat. No. C-2537.
Our Price **$1.62**

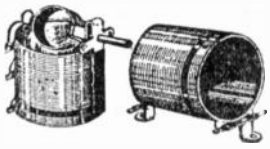
FIVE TUBE (USING ANTENNA AUTO-FORMER)—USES TWO GANG CONDENSER

Tubes suggested: 2—'58, 1—'57, 1—'47, 1—'80. Coils: 1—special antenna autoformer, 2—R.F. transformer, 1—mh. R.F. choke.
Cat. No. C-2538.
Our Price **$1.53**

FIVE TUBE (USING UNTUNED STAGE) USES TWO GANG CONDENSER

Tubes suggested: 2—'58, 1—'57, 1—'47, 1—'80. Coils: 1—ant. coil, 1—R.F. transformer, 1—untuned antenna assembly, 1—8 mh. R.F. choke.
Cat. No. C-2539.
Our Price **$1.70**

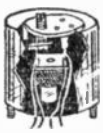
Three Circuit Tuner and Antenna Kit



An efficient low loss tuner designed for the construction of a three circuit regenerative tuner. Antenna coil designed to match. Suitable for Browning Drake, Universal and other sets. Tuned with .0005 straight-line frequency condenser. Wound on circular forms with cellulose binder—thus assuring a minimum of resistance—sharp tuning. Recommended for portable and small sets.

Cat. No. TC-2078-A
Antenna Coil. Our Price **55c**
Cat. No. TC-2078-B
Three Circuit Tuner. Our Price **95c**

Gen-Win Midget I.F. Transformer



Recommended in popular constructional articles. High in efficiency due to patented low loss winding and special isolantite insulated tuning condenser. Semi-bank wound. Readily adjusted to intermediate frequency in use. Low distributed capacity insures maximum gain from each stage. Ideal for compact portable and auto set construction. Supplied for 175 or 465 K.C. operation. Models for use with standard and Wunderlich or R.C.A. 55 type tubes.

Cat. No.	Description	Price
C-2520.	175 K.C. Standard type tubes.....	90c
C-2521.	465 K.C. Standard type tubes.....	90c
C-2522.	175 K.C. Center tapped secondary for R.C.A. 55 or Wunderlich tube.....	$1.10
C-2522A.	465 K.C. Center tapped secondary for R.C.A. 55 or Wunderlich tube.....	$1.10

Gen-Win Shielded Oscillator Coils 175 and 465 KC

A compact shielded oscillator coil assembly. Laboratory designed—3 coil construction insures the proper degree of energy output to secure strong I.F. signal. Extremely small in mechanical size, designed for mount in any position. Measures 2¼" diam. x 2½" high. Terminal lugs protrude through base for easy mounting. Two hole bolt mount insures rapid assembly.

Cat. No. C-2523. 175 K.C. Our Price..
Cat. No. C-2524. 465 K.C. Our Price.. **48c**

Band Pass Super-heterodyne Coil Kit

Ideal for the construction of a true 10 K.C. selectivity super-heterodyne receiver. Incorporates design used in 90% of most expensive modern receivers. A combination kit of two coils comprising pre-selector antenna and oscillator coils. Tuned by a 4 gang .00035 condenser which covers entire broadcast band. Insure 10 K.C. selectivity which under Federal Radio Commission Rulings is the maximum possible without cutting of side bands. Special oscillator coil design insures freedom from harmonics and permits "single spot" reception. Coil construction gives lowest losses. Wound on best grade genuine bakelite forms with enamel and silk covered wire. Protected against moisture—permanently fixed in position. Each coil requires but two mounting holes. Solder lug terminals.

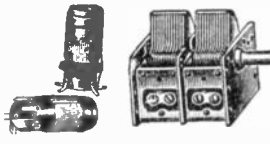
Cat. No. C-2525. Our Price **$2.25**

Conoid Receiving Coils

A neat copper shielded coil. Unique design assures extremely sharp tuning and low losses. Completely self supporting inductance—accurate winding insures perfect tracking. Designed for use as antenna coupling coil and R.F. coil in any receiver. Designed for .00035 condenser. Measures 2¼" diam., 1⅞" high. Two hole mount and small size conserve chassis size. Solder lug terminals.

Cat. No.		Our Price
C-2528.	Ant. or R.F. Coil	$.35
C-2529.	Set of 3—(1) Ant., (2) R.F.	.93
C-2530.	Set of 4—(1) Ant., (3) R.F.	1.22

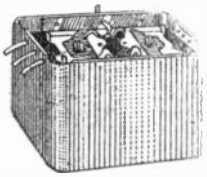
Coil and Condenser Kit



This kit comprises a foundation kit for a receiver employing a single stage of T.R.F. and detector. The design now extremely popular in the midget field. Not a cheap assortment of surplus merchandise. All parts are high efficiency in design. Bakelite coil forms. Accurately matched. High impedance primary of R.F. coil matches plate circuit of 24, 57 and 58 tubes, or any other modern screen grid tube.

Cat. No. C-2526. Complete Kit. $1.75

Majestic I.F. Transformer



A compact moisture proof aluminum can assembly designed for late model Majestic receivers. Unlike most I.F. transformers both primary and secondary circuits are tuned, thus maximum gain is assured. Furnished in 175 K.C. model only. Two hole mount. Measures 2¾" long, 1¾" wide, 2¼" high.
Available for Models 20 and 60. Specify stage desired.

Cat. No. T-2527. Our Price $1.50

These units contain 600 volt condensers and are guaranteed for a period of six months from date of purchase.

Radio Frequency Coil

A well designed R.F. coil. Firmly fastened enameled on treated bakelite tubing. The serviceman will find many uses for this number. Useful in the construction of sets of all types. Can be tapped for use in oscillators, wave traps, etc. Designed to cover 200 to 550 meters when tuned with .00035 condenser. Supplied with extra long leads and convenient mounting holes.

Cat. No. 2078.
Our Price **15c**

.0005 R.F. Coil

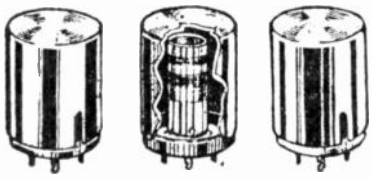
Ideal for circuits requiring accurate radio frequency coils. Covers 200 to 550 meters when tuned with a .0005 condenser. May be satisfactorily used with multi-ganged condensers for single dial control or on single condensers. Dependable results at minimum cost.

Cat. No. 2081A.
Our Price..... **15c**

We Guarantee to MEET or BEAT competition

Radio Frequency and Superhet Coils

Powertest Radio Frequency Coils (Shielded)



High gain antenna coil and r.f. interstage transformers for use in T.R.F. circuits or in superheterodynes. Operates over broadcast band with .00035 mfd. condensers. For extreme selectivity and sensitivity Powertest coils are known over the world. May be purchased separately or in sets as specified below. Accurately matched within close tolerances. For screen-grid and variable-mu tubes.

Cat. No.		Price
2405A.	Antenna Coil	$.38
2405B.	R.F. Coil	.38
2405C.	Three Coils—antenna and two r.f.	.95
2405D.	Four Coils—antenna and three r.f.	1.25

High Gain Intermediate Frequency Transformers 175 or 465 K.C.

Accurately wound to secure maximum efficiency from each stage. Winding arranged in lattice form which insures low distributed capacity, maximum inductance, while the silk covered enamel wire insures freedom from moisture effects. Trimmer condenser assembled with genuine Isolantite insulation.

Features:

Small size construction permits small mounting space.

Low losses—no metal in coil field.

Simply and permanently peaked at desired frequency.

Condenser adjustment on top of can insures convenience in peaking.

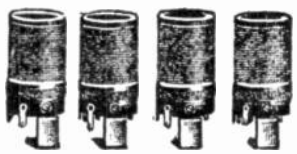
General purpose in design and mounting—recommended for replacement of defective transformers.

Cat. No. PT2521. 175 K.C. } Standard tube model
Cat. No. PT2522. 465 K.C. } **$1.10**

Cat. No. PT2524. 175 K.C. } 55 or Wunderlich model
Cat. No. PT2525. 465 K.C. } **$1.45**

Note: Transformers designed for use with 55 or Wunderlich tube have center-tapped secondaries.

Peerless High Gain Dual Impedance Primary R.F. Coils



Wound on 1¼" forms for use with .00035 or .00036 mfd. condensers in screen grid circuits. Have special high impedance primaries for high selectivity and gain and loading impedances to improve response at 550 meter end of broadcast band.

Cat. No. 2406.
Our Price, Set of four coils..... **60c**

Bruno .0005 R.F. Coil

A strictly low loss design R.F. inductance. Designed for use with .0005 condenser. May be used as antenna coupling coil R.F. Transformer, wave meter inductance, oscillator, or wave trap coil. Coil form is of skeleton bakelite construction. Correct form factor. Sharp in tuning. Coil terminates in convenient binding posts. Very popular as an inductance form for use in crystal control oscillator circuits, doublers and power amplifiers. Ample space for any size coil desired. May be used for space wound designs.

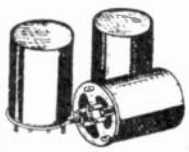
Cat. No. C-2407. Our Price..... **39c**

Four Tube T.R.F. Coil Kit

A special kit of value to the serviceman and experimenter. This complete kit of shielded coils are designed to function with greatest efficiency in any 4 tube midget receiver. Designed for use with sets employing the 58 and 57 tubes, but operate satisfactorily with sets using the 24 and 35 series. Designed for ganging with .00035 condensers. Consists of one antenna and one R.F. coils.

Cat. No. 2401. Our Price **75c**

Powertest Radio Frequency Coil Kit 200-550 Meters



For all screen grid or vario-mu tubes including '57-'58. A high gain shielded coil kit, characterized by quality workmanship and superior design. Made for use with .00035 tuning condenser. Accurately matched for use without trimmers. Sold individually or in kits.

Cat. No. 2405A.	Antenna Coil	$.40
Cat. No. 2405B.	R.F. Coil	.35
Cat. No. 2405C.	1 Antenna, 2 R.F.	.95
Cat. No. 2405D.	1 Antenna, 3 R.F.	1.25

Five Tube Super-heterodyne Coil Kit

Designed for band pass tuning ahead of first detector, cutting down cross talk and overlapping of side bands to an absolute minimum. Requires triple gang special superhet tuning condenser with tracking section. Set employs 2-57's, 1-58, 1-47 and 1-80.

Cat. No. 2403. Our Price **$1.95**

Seven Tube Super-heterodyne Kit

Comprising a complete set of coils for the construction of a seven tube super-het receiver. Kit is designed for economy of chassis space. Especially suited for use in auto or portable receiver construction. Accurate windings and careful design characterize this kit. Protected against moisture. Requires .00035 triple gauge tuning condenser with tracking section. Tubes used: 2-58's, 2-57's, 1-56, 1-47, and 1-80. Furnished with blueprint for easy assembly.

Cat. No. 2404. Our Price **$3.50**

Genuine Three Circuit Tuner and R.F. Coils 200-55 Meters

A specially designed coil kit. Recommended for use in Browning Drake, Everyman, and similar circuits. Specially treated fibre with silvered magnet wire. Insures lowest skin resistance and sharp tuning. In two types—for use with .0005 and .00035 tuning condensers. Does not deteriorate with use. Six free circuit diagrams are included with each kit.

Cat. No. 2417. Tuner Kit.
Our Price **$1.50**

Cat. No. 2418. R.F. Coil.
Our Price **90c**

175 K.C. Super-heterodyne I.F. Transformer

An I.F. Transformer for replacement in all 175 k.c. circuits and for the fan who builds his own. Double tuned with low loss mica type precision condensers easily accessible for adjustment. May also be used in construction of 175 k.c. test oscillator.

Cat. No. 2408.
Our Price **59c**

Gen Win Midget Shielded R.F. Coils

For use in all compact receivers. Special bank winding provides high inductance in small space with minimum distributed capacity. Primary designed for all type screen grid and vario-mu tubes. Especially suited for use with the '36, '85, '57, '58 series tubes. May be mounted in extremely small space in any position—vertical or horizontal. Measures 2⅛" wide by 2" high. Sharp tuning with ample gain per stage. For use with .00035 condenser. Covers 200 to 585 meters. Coils sold singly or in matched sets accurately selected for perfect ganging. Impregnated to protect against temperature and moisture effects. Coils weigh 8 oz. each.

Cat. No. C-2542. Antenna Coil.
Our Price **50c**

Cat. No. C-2543. R.F. Coil.
Our Price **50c**

Cat. No. C-2544. 3 Coil Kit—1 Ant., 2 R.F. Coils. Our Price **$1.49**

Cat. No. C-2545. 4 Coil Kit—1 Ant., 3 R.F. Coils. Our Price **$1.95**

Shield Radio Frequency Coil Kit for Screen Grid and Vari-Mu Tubes

Carefully designed — precision wound. These coils are especially suited for gang tuning. Protected against moisture — will not deteriorate under any weather or temperature changes. Covers 200 to 585 meters. Compact in size, only 2" diameter, 2½" long. Ideal for subpanel or baseboard mount. Bottom terminal lugs. Furnished in two types—Ant., R.F., or in matched kits. Weight per coil, 8 oz.

Cat. No. C-2554. Antenna Coil.
Our Price **35c**

Cat. No. C-2555. R.F. Coil.
Our Price **35c**

Cat. No. C-2556. Three Coil Kit—1 Ant., 2 R.F. Our Price **99c**

Cat. No. C-2557. Four Coil Kit—1 Ant., 3 R.F. Our Price **$1.25**

Shielded High Gain T.R.F. Coil Kit 200-550 & 80-550 Meters

Recommended for use in the construction of any high quality T.R.F. circuit. Ultra low loss design assures absolute satisfaction. Precision wound construction assures absolute matching and freedom from shorted secondary windings—securing a high resistance. Effectively matches impedance of present day tubes and provides 100% gain per stage. Even amplification is secured over entire range due to special design. Designed for use with 80 meter tap for all wave receiver construction.

Cat. No. C-2546. Antenna Coil.
Our Price **55c**

Cat. No. C-2547. Radio Frequency Coil.
Our Price **55c**

Cat. No. C-2548. 3 Coil Kit (1 ant. coil—2 R.F. coils). Our Price **$1.65**

Cat. No. C-2549. 4 Coil Kit (1 ant. coil—3 R.F. coils). Our Price **$2.20**

Cat. No. C-2550. 80 Meter Tapped Antenna Coil. Our Price **65c**

Cat. No. C-2551. 80 Meter Tapped R.F. Coil. Our Price **$1.30**

Cat. No. C-2552. 80 Meter Tapped 3 Coil Kit. Our Price **$1.95**

Cat. No. C-2553. 80 Meter Tapped 4 Coil Kit. Our Price **$2.60**

Solenoid-Choke R.F. Coils

Space wound tuned radio frequency coils. Accurately wound with enameled wire, on treaded bakelite tubing. Can be used with either a multi-gang or single condenser. Will tune with a .0005 condenser and cover from 200 to 550 meters. Each coil supplied with an R.F. choke.

Cat. No. 2080A.
Our Price..... **15c**

Dials, Dial Cables & Knobs

Kurz-Kasch Vernier Dial

A very popular vernier dial. Ideal for all short wave and laboratory use. If illumination is desired merely drill single hole back of scale and use dial lamp bracket. A pleasing dull illumination will be obtained. Designed to entirely eliminate back lash. Silent friction drive.

Cat. No. 4905. 3" Dial.
Our Price **43c**
Cat. No. 4906. 4" Dial.
Our Price **45c**

Full Vision Modernistic Dial

Extremely attractive in design—substantial in construction. The unusually high ratio 5-1 insures easy and accurate tuning. Ideal for the construction of short wave receivers or converters. No back lash. Dial scale either 0-100 or 100-0.

Cat. No. 4907.
Our Price **65c**

Universal Full Vision Dial

A handsome illuminated vernier dial complete with escutcheon plate. An addition to any panel. Oxidized brass finish — harmonizes with any surrounding. All-purpose dial, will accommodate both ¼" and ⅜" shaft. Removable dial light bracket mounts in any convenient position. Transparent celluloid scale. Positive drive will not wear out or slip.

Cat. No. 4903.
Our Price **75c**

Direct Drive Vernier Dial

Used on many popular sets. An extremely simple mechanical system insures freedom from back lash. An attractive addition to any receiver panel. Popular for replacing old type knobs with modern tuning indicators. Requires little back of panel space. Measures 3" wide, 2¾" high.

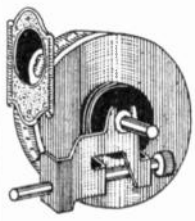
Cat. No. 4904.
Our Price **25c**

Bakelite Knob

A finely made bakelite knob. Designed for use on ¼" shaft. Complete with set screw. Fluted bakelite with attractive metalized end. Channeled construction. Ideal for short wave receiver installation. Attractive in appearance on wood, bakelite or metal panels.

Cat. No. 4915.
Our Price, Each **6c**
Cat. No. 4916. Our Price, per dozen.....**50c**

Hammarlund Drum Dial



Developed for use on the Hammarlund Custom Built line of receivers. Fine appearance and smooth operation are assured. Satisfactory for all apparatus. Extra heavy die-cast frame. Long life bearings and disc cable. Size 5½" high, 3⅜" deep. Escutcheon size 3⅞"x4". Shipping weight 2 lbs.

Cat. No. 4911.
Our Price **89c**

3¾" & 4" Bakelite Dial

Solid moulded bakelite. Highly polished finish. Unusually clear scale. Can be accurately read from a distance. Knurled tapered knob for perfect grip. Two sizes—3¾" and 4".

Cat. No. 4910.
Our Price **10c**

Fan Type Illumination Dial

Heavily built drive. Handles a six-gang condenser with ease. Substantial construction insures long life and freedom from wear. Large clear scale permits reading from a distance. Fitted with removable panel light indicator. Scale of translucent celluloid with black figures. Scale 0-100 or 100-0. ⅜" diameter shaft. Overall dial diameter 4½". 2⅜" embossed bronze escutcheon plate.

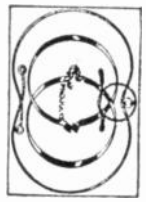
Cat. No. 4912. Less Escutcheon. Our Price **29c**
Cat. No. 4913. With Escutcheon.
Our Price **39c**

Knob Assortment

An assortment of knobs worth many times its selling price. The kit is composed of bakelite, metal capped, arrow engraved, and wooden knobs. These knobs are made so as to permit the insertion of ¼" standard shaft. We carry the largest stock of knobs in the country—any size, shape or form in bakelite, wood, composition or metal. The wood knobs are shaped, formed and decorated the same as the fancy bakelite knobs.

Cat. No. 4901. Complete Kit of 12.
Our Price **99c**

Replacement Dial Cables



A service necessity. All dial cables break sooner or later. Their replacement is a profitable service job. Keep a stock of popular numbers on hand. The first few service jobs will pay for them—after which you will have clear profit. We can supply dial belts, drive cables, metal and linen for practically all sets. Specify exact type number of set to insure an exact replacement. Let us know if your set is not listed.

Make of Set	Model	Price
Atwater Kent	30	$.18
"	55	.18
"	35, 37	.18
"	44	.30
"	60, 61	.30
Amrad	84	.18
Balkeit	All No's.	.24
Bosch	48A	.15
"	58A	.15
"	58, 60	.20
"	28	.20
Bremer Tully	14, 21, 31	.13
Brunswick	14, 21, 31	.13
Buckingham	All No's.	.25
Colonial	31, 32	.28
"	33, 34, 35, 37	.40
Columbia	All No's.	.40
Crosley	40S, 60S, 804	.25
"	601, 602, 607	.23
Edison	All No's.	.25
Emerson	All No's.	.30
Everready	All No's.	.20
First National	All No's.	.35
Freed Eisemann	NR60	.25
Freshman	2	.35
General Motors	All No's.	.25
Grebe	SK4	.20
Kellogg	All No's.	.30
Kolster	K45	.20
"	43, 44	.40
Majestic No. 1	70, 71, 72	.30
" No. 2	70, 71, 72	.23
"	52, 60	.15
Peerless	All No's.	.22
Philco	All No's.	.25
R. C. A.	16, 17, 18	.23
"	46, 47	.18
"	16, 17, 18, 33	.23
"	64, 67	.23
Sonora	All No's.	.18
Spartan	All No's.	.25
Steinite	All No's.	.25
Temple	All No's	.40

Escutcheon Plate

An attractive addition to any set. Finished in oxidized bronze. Harmonizes with all kinds of wood. Fits practically all full vision dials. Measures 4¾" wide, 2½" high. Dial window ⅝" wide.

Cat. No. 4914. Our Price **15c**

ALL PURPOSE KNOBS AND INDICATORS STANDARD 1/4" HOLE DIAMETER

1 2 3 4 5 6

No. 1— Wooden Size 1 x ¾
Cat. No. 5501 ..... **9c**

No. 2— Wooden Size 1 x ¾
Cat. No. 5502 ..... **9c**

No. 3— Wooden Size 1⅛ x ¾
Cat. No. 5503 ..... **9c**

No. 4— Bakelite Size 1½ x ⅞
Cat. No. 5504 ..... **10c**

7 8 9 10 11 12

No. 5— Wooden Size 1⅛ x ⅞
Cat. No. 5505 ..... **9c**

No. 6— Bakelite Size 1⅛ x 1
Cat. No. 5506 ..... **10c**

No. 7— Wooden Size ⅞ x ¾
Cat. No. 5507 ..... **9c**

No. 8— Bakelite Size ⅝ x 1
Cat. No. 5508 ..... **10c**

No. 9— Wooden Size 1¼ x ¾
Cat. No. 5509 ..... **9c**

No. 10— Bakelite Size 1⅛ x ¾
Cat. No. 5510 ..... **10c**

No. 11— Wooden Size ⅞ x ¾
Cat. No. 5511 ..... **9c**

No. 12— Wooden Size ¾ x ½
Cat. No. 5512 ..... **9c**

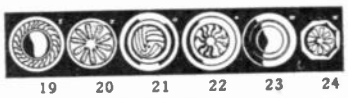
13 14 15 16 17 18

No. 13— Wooden Size 1⅛ x ⅞
Cat. No. 5513 ..... **9c**

No. 14— Bakelite Size 1¼ x ¾
Cat. No. 5514 ..... **10c**

No. 15— Wooden Size 1¼ x ⅞
Cat. No. 5515 ..... **9c**

No. 16— Wooden Size 1⅛ x ⅞
Cat. No. 5516 ..... **9c**



19 20 21 22 23 24

No. 17— Metal Capped Size 1⅛ x 1
Cat. No. 5523 ..... **10c**

No. 18— Wooden Size 1 x ¾
Cat. No. 5518 ..... **9c**

No. 19— Wooden Size 1¼ x ⅞
Cat. No. 5519 ..... **9c**

No. 20— Bakelite Size 1¼ x ¾
Cat. No. 5520 ..... **10c**

No. 21— Wooden Size 1⅛ x ¾
Cat. No. 5521 ..... **9c**

No. 22— Wooden Size 1½ x ⅞
Cat. No. 5522 ..... **9c**

No. 23— Wooden Size 1¼ x ⅞
Cat. No. 5517 ..... **9c**

No. 24— Wooden Size 1⅛ x ¾
Cat. No. 5524 ..... **9c**

Everything from a Binding Post to a Transmitter

SOCKETS, SWITCHES, & PLUGS

EBY Quality Products

Eby Tube and Circuit Adapters

Flexibility is the most important feature of the Eby Tube and Circuit Adapters, with interchangeable features that make them suited to every adapter problem. A moulded bakelite socket section fits into a standard tube section. The moulded bakelite shell in each adapter has a ¼" hole to bring out leads from any desired circuit or circuits for testing or adapter use.

WIRED TUBE AND CIRCUIT ADAPTERS

Type No.	Combination Socket to Plug	Price
19AA	4 to 4	25c
19AB	4 to 5	25c
19AC	4 to 6	30c
19BA	5 to 4	25c
19BB	5 to 5	30c
19BC	5 to 6	30c
19CA	6 to 4	35c
19CB	6 to 5	35c
19CC	6 to 6	35c
19DD	6 to 7	44c
19EE	7 to 4	40c
19FF	7 to 5	44c
19GG	7 to 6	45c
19HH	7 to 7	48c

UNWIRED TUBE AND CIRCUIT ADAPTERS

No. of Prongs	Socket Section Type No.	Price	Plug Section Type No.	Price
4	19AF	15c	19AM	11c
5	19BF	19c	19BM	15c
6	19CF	23c	19CM	19c
7		26c		21c

#12 Moulded Sub Panel and Baseboard Sockets

A general purpose design, widely used for laboratory receiver, and amplifier construction. Moulded of solid black bakelite. Employs unusually strong springs, insuring permanent perfect contact. Ideal for use on Class "B" amplifiers and other high voltage applications. Two hole mounting. Solder lug terminals. Socket ring measures 1 7/8 inches.

	Price
4 Prong Models	14c
5 Prong Models	15c
6 Prong Models	20c
7 Prong Models	23c

#8 Moulded Sub-Panel Sockets

Especially suited to baseboard use. Bottom lug terminals. Uses the same fine construction and insulation that is standard for Eby products. Moulded of genuine black bakelite. May be used in any circuit without fear of breakdown. Requires 1 7/8" hole.

	Price
4 Prong Model	14c
5 Prong Model	15c
6 Prong Model	19c
7 Prong Model	20c

Eby Short Wave and Test Panel Switches

The Eby Short Wave and test panel switch was originally designed to meet the critical electrical requirements of a multipolar, multi-position switch for use in the radio frequency circuits of all wave receivers. They are well adapted to any service that requires the closing and opening of a number of circuits in any desired sequence. Adapted to test panel, analyzer, and laboratory equipment. Strong mechanical design and compact assembly characterize this series. A special low resistance permanent tension spring assembly insures perfect contact and reliable operation.

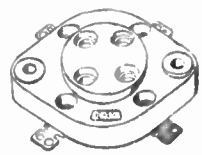
FEATURES:

Strong permanently aligned contact.
Excellent insulation for all purposes.
Minimum capacity between terminals.
Available in a complete line for all requirements.
Low resistance contacts—insure accurate readings and quiet operation.
Small in size—takes little space.

Type No.	No. of Poles	No. of Switch Positions	No. of Circuits Made or Opened: At Once	In any Sequence: Up to	Price
16- 1	1	2	1 or 2	2	$.38
16- 2	2	2, 3, 4 or 5	2 or 4	4	.59
16- 3	3	2, 3, 4 or 5	3 or 6	6	.88
16- 4	4	2, 3, 4 or 5	4 or 8	8	1.18
16- 5	5	2, 3, 4 or 5	5 or 10	10	1.47
16- 6	6	2, 3, 4 or 5	6 or 12	12	1.76
16- 7	7	2, 3, 4 or 5	7 or 14	14	2.06
16- 8	8	2, 3, 4 or 5	8 or 16	16	2.35
16- 9	9	2, 3, 4 or 5	9 or 18	18	2.65
16-10	10	2, 3, 4 or 5	10 or 20	20	2.94

Any greater number of poles may be furnished if desired.

4-5-6-7-Prong Isolantite Sockets



Made of isolantite for lowest losses and highest surface resistivity. Glazed top and sides, rust proof side gripping contacts. Sub-panel or base mountings. 4, 5, 6 prong types.

Cat. No. 1613—
4 Prong. Our Price **29c**

Cat. No. 1614—5 Prong.
Our Price **32c**

Cat. No. 1615—6 Prong.
Our Price **34c**

Cat. No. 1615A—7 Prong.
Our Price **35c**

Laminated Male Plugs

Provides the simplest and most compact method of multiple contact connection. Ideal for the construction of all types of apparatus. Carefully laminated Bakelite disc construction and accurate prong spacing characterize this line. May be easily soldered in prongs.

Type No.	No. of Prongs	Price
6A	4	8c
6B	5	8c
6C	6	8c

Chassis Mounting Laminated Plugs

Intended to mount on baseboard—and provide convenient terminal assembly for outside connections. Requires two small mounting holes only. Designed for use with the moulded socket cable connections.

No. of Prongs	Without Soldering Lugs Type No.	Price	With Soldering Lugs Type No.	Price
4	9A-1	6c	9A-1L	7c
5	9B-1	6c	9B-1L	7c
6	9C-1	6c	9C-1L	7c

The Eby Moulded Female Connector

Consists of a moulded cap and socket assembly. The two fit together by means of a simple bayonet arrangement. Ideal for multiple cable construction. All "hot" connections are covered, preventing shocks and short circuits.

Type No.	No. of Prongs	Size Cap. Hole	Price
11A	4	3/16"	19c
11B	5	3/16"	19c
11C	6	3/16"	19c

Moulded Plug Cable Connector

For all installations where the wires must connect to a male terminal plug. Moulded bakelite construction. Bayonet fastening cover plate. Fits any standard tube socket or where a neat portable assembly is desired to use with the moulded socket cable connector. Connections may be readily soldered to prongs. Black finish.

Type No.	No. of Prongs	Size Hole in Cap.	Price
7AA	4	3/16"	15c
7BB	5	3/16"	15c
7CC	6	3/16"	17c

4, 5, 6 and 7 Prong Sockets

Made of sturdy phosphor bronze contacts and bakelite. Sockets are so designed that they will fit all makes of tubes. Obtainable in either 4, 5, 6 or 7 prongs. Available in any type tube marking.

Cat. No. 1603—4 Prong.
Our Price **5c**

Cat. No. 1604—5 Prong.
Our Price **5c**

Cat. No. 1605—6 Prong.
Our Price **5c**

Cat. No. 1606—7 Prong.
Our Price **7c**

Benjamin 4 and 5 Prong Sockets

Can be used for base mounting as well as sub-panel mounting. Moulded bakelite sockets.

Cat. No. 1611—4 Prong.
Our Price **35c**

Cat. No. 1612—5 Prong.
Our Price **35c**

Button Type Sockets

Models for 4-5-6 and 7 prong tubes. Baseboard mount. Exceptionally small and compact—measures 1 1/8" diameter. Attaches with single bolt. Ideal for use in analyzer and test panel construction.

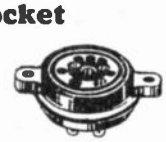
Cat. No. 4304.
4 Prong Sockets. Price, each **12c**

Cat. No. 4305.
5 Prong Sockets. Price, each **13c**

Cat. No. 4306.
6 Prong Sockets. Price, each **14c**

Cat. No. 4307.
7 Prong Sockets. Price, each **15c**

Universal Socket



A compact panel mounting socket that takes 4-5-6-7 prong tubes. Small in size, with sturdy contact springs. Ideal for heavy duty service in tube checkers and analyzers. Conserves panel space. A four in one item. Moulded bakelite construction guarantees insulation sufficient for all uses.

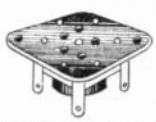
Cat. No. 4308. Our Price **28c**

Four and Five Prong Wafer Sockets

A well made wafer socket. Has strong wiping contact. Standard size with two hole mounting. Supplied only unmarked in 4 and 5 prong types.

Cat. No. 4305.
Our Price **3c**

Five Prong Wafer Sockets



This wafer socket should prove a real item to the serviceman. Compact in size—well insulated with strong contact springs.

Cat. No. 4306.
Our Price, each..... **2c**
Per Dozen 20c

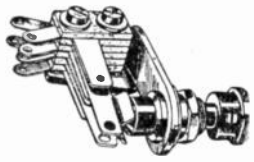
Four Prong Wafer Sockets

Ideal for set and amplifier construction. Strong springs insure perfect contact. Ideal for use with high voltage rectifier and amplifier tubes.

Cat. No. 4307. Each **2c**
Per Dozen 20c

YAXLEY Approved Radio Products YAXLEY

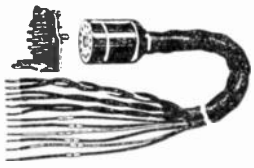
Push Button Panel Switches



Particularly adapted to analyzer and test board use. Non-locking design. Substantially constructed for heavy duty. Special alloy contacts, handle plenty of current without damage. Extremely well insulated for high voltage use. A spring combination for every need. Single hole mount. Fits panels up to ¼" thick. Furnished complete with bakelite knob.

Cat. No.	Yaxley Model No.	Spring Combination	Price
Y-4507.	2001	Single make contact	53c
Y-4508.	2002	Single break contact	53c
Y-4509.	2003	Single pole double throw	59c
Y-4510.	2004	2 pole 2 circuit	59c
Y-4511.	2005	2 pole break 2 circuit	59c
Y-4512.	2006	2 pole double throw	88c
Y-4513.	2007	Make two break one	76c
Y-4514.	2008	2 pole double throw make before break	97c

Cables and Connectors



Ideal for all receivers, transmitters and laboratory equipment. Especially suited to portable set construction. Simply connect to batteries and cables as tagged. Fasten receptacle to receiver chassis. All leads can be disconnected by simply detaching the plug. Cannot be connected improperly due to special polarizing arrangement. Wires are RMA color coded. Filament leads are of extra heavy wire twisted to minimize A.C. hum.

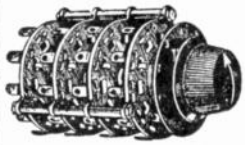
Cat. No.		Price
Y-4515.	7 conductor cable 5 ft. long for sub panel mounting.	$1.76
Y-4516.	12 conductor cable 5 ft. long for sub panel mounting.	2.94
Y-4517.	7 conductor cable 5 ft. long with receptacle, no bracket	1.32
Y-4518.	Mounting bracket only	.44

Panel Lights

A necessity wherever a small panel light is required. Extremely neat. Designed for standard pilot lamps using screw bases. Used in radio and test panel construction. Nickel finish insures handsome appearance in any surroundings. Single hole mount.

Cat. No Y-4519. Our Price **29c**

Yaxley Gang Switches



Designed to provide permanent low loss contact. The contact lever is of special wiping construction, insuring a clean contact at all times. Extremely compact in panel requirements and back of panel depth. Carefully insulated for high voltage use. Available in a complete combination of gangs for all usual requirements. Special numbers furnished upon order. Each switch is supplied complete with indicator and arrow knob. Non inductive in construction. May be used for all short wave, multiplier and test board purposes.

Cat. No.		Our List	Price
TWO POINT			
3701	1 Gang	$.90	$.53
3702	2 Gang	1.50	.88
3703	3 Gang	2.10	1.24
3704	4 Gang	2.70	1.59
THREE POINT			
3705	1 Gang	$.90	$.53
3706	2 Gang	1.50	.88
3707	3 Gang	2.10	1.24
3708	4 Gang	2.70	1.59
FOUR POINT			
3709	1 Gang	$.95	$.53
3710	2 Gang	1.50	.88
3711	3 Gang	2.10	1.24
3712	4 Gang	2.70	1.59
FIVE POINT			
3713	1 Gang	$.95	$.56
3714	2 Gang	1.60	.94
3715	3 Gang	2.20	1.30
3716	4 Gang	2.80	1.65
SIX POINT			
3717	1 Gang	$.95	$.56
3718	2 Gang	1.60	.94
3719	3 Gang	2.20	1.30
3720	4 Gang	2.80	1.65
SEVEN POINT			
3721	1 Gang	$.95	$.56
3722	2 Gang	1.60	.94
3723	3 Gang	2.20	1.30
3724	4 Gang	2.80	1.65
EIGHT POINT			
3725	1 Gang	$1.15	$.68
3726	2 Gang	1.90	1.12
3727	3 Gang	2.50	1.47
3728	4 Gang	3.10	1.83
NINE POINT			
3729	1 Gang	$1.15	$.68
3730	2 Gang	1.90	1.12
3731	3 Gang	2.50	1.47
3732	4 Gang	2.80	1.65
TEN POINT			
3733	1 Gang	$1.15	$.68
3734	2 Gang	1.90	1.12
3735	3 Gang	2.50	1.47
3736	4 Gang	2.80	1.65

Bakelite Extension Jacks

A finely made single circuit jack mounted in a detachable bakelite housing or shell. Ideal for the construction of extension cords for all purposes. Jack is single circuit type. Extremely well insulated. Fine in appearance.

Cat. No. Y-4527. Our Price **44c**

Yaxley Relays

To provide a change over from "B" eliminator to trickle charger. Constitutes an automatic double pole double throw switch. Operated entirely by the flow of filament current. Turning the set switch "on and off" provides these functions entirely automatically. Requires no adjustment. May be used on all combinations of tubes.

Cat. No. Y-4528.
Our Price **$4.41**

Junior Jacks

A neat single hole mounted jack. Unusual in design—requires about ⅓ the back of panel space used by the ordinary jack. Heavily nickel plated. Insulated for high voltage use. Special alloy contacte will not pit or burn.

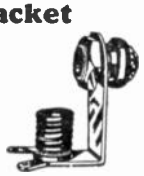
No.	Yaxley Type No.	Design	Price
Y-4529.	701	Open circuit	24c
Y-4530.	702	Circuit closing	32c
Y-4531.	702A	2 circuit	32c
Y-4532.	703	1 circuit filament control	38c
Y-4533.	703A	Circuit reversing	38c
Y-4534.	703C	Double circuit	38c
Y-4535.	704	Interstage	44c
Y-4536.	704A	2 circuit filament control	44c
Y-4537.	705	2 circuit filament lighting	50c
Y-4538.	706	Interstage filament control	56c

Junior Jack Switches

The standard for analyzer and test panel construction. Very compact in size. Neat and convenient. Rigidly formed with ample insulation material for all purposes. Requires single mounting hole. Supplied in a variety of spring combinations for all usual purposes. Complete with bakelite knob.

Cat. No.	Yaxley type No.	Design	Price
TWO POSITION SWITCHES			
Y-4539.	720	Single pole single throw	41c
Y-4540.	730	Single pole double throw	50c
Y-4541.	740	Double pole single throw	56c
Y-4542.	745	Five spring—2 make 1 break	65c
Y-4543.	760	Double pole double throw	73c
Y-4544.	733	Three pole single throw	73c
Y-4545.	744	4 pole single throw	94c
THREE POSITION SWITCHES			
Y-4546.	732	Single pole double throw center position off	50c
Y-4547.	762	Double pole double throw center position off	70c
Y-4548.	763	3 pole double throw center position off	91c
Y-4549.	764	4 pole double throw center position off	1.15

Pilot Light Bracket



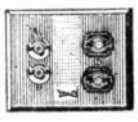
Standard for analyzer and test panel construction. Neat convenient and very small in size. Single hole panel mount with color bezel. For all test circuits and as an instrument monitor indication.

Cat. No Y-4550.
Price **18c**

CONVENIENCE OUTLETS for Radio and Public Address Systems

Developed originally to answer the demand for centralized radio and public address terminal plates. They are now used in most high quality homes and professional installations. A professional appearing installation is assured due to the fine appearance of these plates. A type is available for each requirement. If you have a use for design other than those listed, let us know, preferably sketching the proposed layout. Don't spoil the appearance of that new installation. Available in dull brass finish or in genuine brown bakelite.

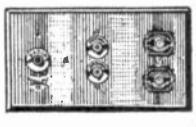
Aerial and Ground and Duplex A.C. Plate



Popular number used to make a neat receiver installation. Consists of two pin jack terminals marked antenna and ground. Also duplex A.C. outlet for radio and lamp.

Cat. No Y-4520.
Brass or Bakelite Plate.
Our Price **88c**

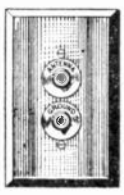
Aerial and Ground, Radio Jack and Duplex AC Outlet



Ideal for use in centralized radio installation where it is desired to connect an additional local receiver. A single telephone jack is provided on the plate as well as aerial and ground pin jacks and duplex A.C. outlet.

Cat. No Y-4521. Brass or Bakelite Plate. Our Price **$1.18**

Aerial and Ground Outlet



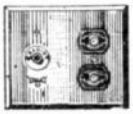
Two pin tip jacks mounted on a handsome plate. Ideal for use as a terminal plate for the antenna and ground.

Cat. No Y-4522.
Brass or Bakelite Plate.
Our Price **44c**

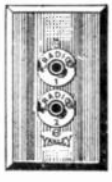
Loud Speaker and Duplex AC Outlets

An assembly of a loud speaker two circuit jack and a standard duplex A.C. plug. Very popular for the remote attachment of dynamic speakers.

Cat. No Y-4523.
Brass or Bakelite Plate. Our Price.... **$1.18**



Dual Channel Jack Outlet



Used extensively for the remote attachment of magnetic speakers. May also be used for dynamic speakers where a separate arrangement for providing field current is provided. Two circuit jacks mounted on plate.

Cat. No Y-4524.
Brass or Bakelite Plate. Our Price.... **$1.03**

Seven Conductor Cable Plate Outlet

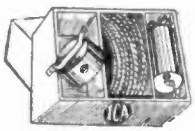
For multiple circuit use—ideal for the attachment of battery leads to a cable. Can be used anywhere that a number of circuits must terminate in a baseboard receptacle. Fits standard Yaxley Cable Plug.

Cat. No Y-4526.
Brass or Bakelite Plate. Our Price.... **$1.47**

Prompt Service-Shipments within 24 Hours

Insulators, Aerial Eliminators & Aerial Filter Systems

I. C. A. FILTERFORMER



The result of many years of laboratory research. Insuline is justly proud of their latest release. In most cases noise and "man-made static" are entirely eliminated. Their reduction to an extremely low level is assured.

The kit comprises (1) TM1 antenna filter assembly, (2) SM2 receiver filter assembly, (3) 50 ft. twisted lead in wire. Both the No. TM1 and the lead-in wire are not affected by climatic conditions and retain full efficiency after long use. A booklet of instructions is included with each kit. Can be installed in a few minutes.

Cat. No. 922. Complete Kit. Our Price **$2.25**
Cat. No. 923. TM1. Our Price **1.25**
Cat. No. 924. SM2. Our Price **1.25**
Cat. No. 925. Wire. Our Price ..... **.50**

Modern Antenna Devices—for Improved Radio Reception

No. 939 Filterstatic Coupler

A combined antenna and line noise eliminator in one unit. Can be used in multiple or single installations. Achieves the results of two filters at the cost of one.

Cat. No. 926.
Our Price **$2.50**

No. 935 Master Antenna Coupler

A specially developed coupler to match any noise-reducing antenna to a twisted lead-in wire. Especially designed for coupling more than one receiver.

Cat. No. 927.
Our Price **$2.50**

Powertone Line Filter

A compact metal cased line filter which shuts out man made interference. Guarantees crackle free radio reception. Built by one of the most prominent electrical manufacturers of this class of equipment. Ideal for eliminating noise from motors, electric signs, vacuum cleaners, etc. Can be used in connection with any radio receiver or electrical device. Furnished complete with cord and plug. Simply plug into the light socket and place your radio plug in the receptacle on top of the unit. A terminal is also supplied for grounding as this improves reception.

Cat. No. 932. Our Price **95c**

No-Stat Noise Eliminator

A simple and effective device designed to connect between the aerial and the receiver. Does not impair efficiency of the set. Low in cost—big in results. Cuts down "man-made static" to a minimum. May be attached in a moment. No tools or skill required.

Cat. No. 928. Our Price **75c**

Indoor Aerial Tube

Entirely eliminates the unsightly outdoor aerial. A concentrated antenna sealed in a glass tube. Protected against climatic changes. Merely connect to antenna and ground terminals of receiver and any convenient radiator or water pipe.

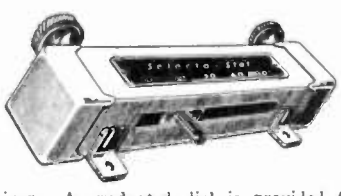
Cat. No. 929.
Our Price **$1.29**

Powertone Aerial Eliminator

A brand new aerial eliminator. Mounted in a neat japanned case. May be placed in any convenient position. Only a moment required to connect. Sealed construction assures long life.

Cat. No. 930.
Our Price **49c**

B.M.S. Selectostat

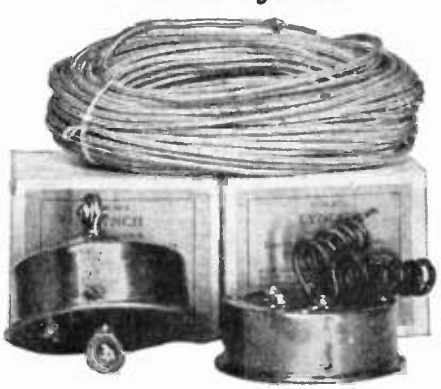


A device designed to connect between the aerial posts of your radio receiver and the antenna. Mounted in a neat metal container. A graduated dial is provided for adjusting to the best operating point. Tuning is greatly sharpened and interference between adjacent stations eliminated or reduced to a negligible amount. Of great assistance in reaching out for distant stations. Employs many radically new ideas, which have been proven satisfactory by laboratory tests. Small in size—may be mounted in any convenient position.

Cat. No. 933.
Our Price **79c**

LYNCH ANTENNA PRODUCTS

Lynch "No-Stat" Broadcast Antenna System



The Lynch No-Stat system is made under license from Amy, Aceves and King, the noted firm of consulting engineers. Consists of a pair of impedance matching transformers coupled through a length of shielded lead wire. Three leads from the receiver transformer permit a perfect match of impedances regardless of the character of the broadcast receiver employed.

Where several installations are to be made on the same antenna Poly-Couplers are used at each take-off point as shown in the cuts. These systems are unsuited for use with short-wave receivers or combinations.

Lynch Complete Noise Reducing Antenna Kit consisting of one antenna impedance matching transformer: one receiver impedance matching transformer and 50 feet of shielded transmission cable.

Cat. No. 901.
Our Price Complete **$2.94**

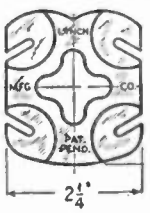
Lynch Poly-Coupler

Provides a convenient coupling device for operating more than one antenna. Especially recommended for apartment house use, thus eliminating the usual unsightly aerials. One required at each receiver. May be applied to the "No-Stat" antenna system listed above. Can be installed by any service man. Foolproof in operation.

Cat. No. L-931.
Our Price **$3.24**

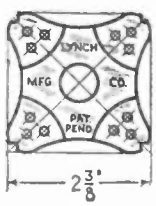
Lynch Transposition Blocks

Especially suited for lead-in construction on short wave antenna systems. Desirable for use in building lead-in and transmission line systems. Used in many broadcast station installations. Take advantage of the modern insulating design. Insure the maximum performance from your antenna.



Cat. No. L-902.
Kit of Ten.
Our Price **$1.47**

Lynch Cage Antenna Spreader



Formed from Lynchite, the perfect insulator. Desirable for use in building lead-in transmission line and feeder systems. Mechanical design produces great strength. Not affected by dampness or salt air. Used in many well-known broadcast station antenna designs.

Cat. No. L-920.
Kit of Ten.
Our Price **$1.47**

Lynch U.S. Navy Standard Insulator

Developed to meet stringent specifications of the U. S. Bureau of Standards. Retain their di-electric value under all conditions. Perfect where ordinary insulation entirely breaks down. Highly efficient despite wide variations in temperature and humidity.

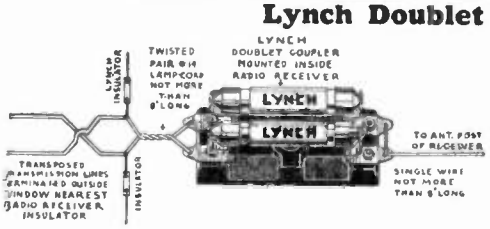
Cat. No. L-921. Kit of Eight. Price **$1.76**

Lynch All-Wave Antenna Coupler

For use with transpose lead-in or doublets. Designed to slip inside the antenna coil of the receiver. Adjustable fibre strip holds any degree of coupling desired. Connects direct to terminals of transposed lead-ins. Phasing or balance system completely self-contained. Especially designed for use with National short wave receivers, but may be applied to any in common use.

Cat. No. L-909. Our Price **88c**

Lynch Doublet Coupler



Designed to correctly couple the doublet short wave system to any receiver. Insures correct balance and impedance match under all conditions. May be applied to any receiver irrespective of the circuit design. Used as an alternative, where due to space requirement, the all-wave coupler cannot be applied. May be mounted in any convenient position near the receiver.

Cat. No. L-910.
Our Price **59c**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Outlets, Tuners Voltage Regulators

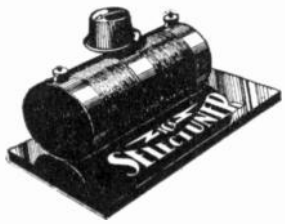
Powertone Tuner

The Powertone Tuner is a two tuned circuit, consisting of an inductance coil working in conjunction with a special fixed condenser, controlled by an arm on the coil. When attached to your aerial wire (at your set) it tunes your aerial, giving you more volume, greater distance, greater selectivity, less static and less interference.

Cat. No. 1641. Our Price..... 49c

I.C.A. Selectuner

Station Selector and Static Reducer. Cuts Through Locals for D. X. Reception



Selectuner separates stations over the entire wave-band on any type of receiver. Cuts through the locals and enhances the quality of reception. Installed without the use of tools and does not require any circuit changes. Made of genuine bakelite handsomely finished in gold and black. Small and compact. Can be installed in any convenient place.

Cat. No. 1640. Our Price..... 89c

I.C.A Accuratuner

With the present day ten kilocycle separation between stations, even many of the finest radio sets, and certainly the usual set, requires an interference eliminator for close separation of stations.

The Accuratuner is the scientific answer to this problem. By very simple adjustments this advanced interference eliminator will shut out any unwanted station, interfering with local reception and in most cases will enable the radio enthusiast to cut through the locals and get the distant stations he wants, providing the set could get it with the locals off.

Cat. No. 1642. Our Price..... $1.15

Powertone Tone Control

Not just another tone control but embodies features of design that makes it a real control. Control is actuated on the grids of the power tubes instead of the plates, giving a larger degree of tone regulation. Provision is made to allow the connection of extra speakers. This is a real convenience and a distinct Powertone feature. The Powertone Tone Control is embodied in a beautiful bakelite case. No knowledge of radio is necessary to hook up the tone control; simply remove power tubes and place them into adapters which is supplied with the tone control and then place the tubes back into the sockets. NO SOLDERING NECESSARY.

Cat. No. 1648. Our Price..... 95c

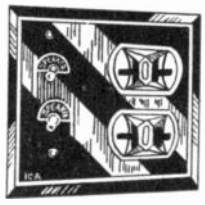
Powertone Panel Mount Tone Control

The Powertone Panel mount tone control enables one to regulate and control the tone of his receiver directly from the panel. By turning the knob on the control the proportion of treble and bass frequencies may be controlled at will. Comes equipped with an extra long shank, making it adaptable for various size panel thicknesses.

Cat. No. 1647. Our Price 59c

I.C.A. Convenience Outlet

For apartment houses, residences, hotels, schools and institutional installation, this outlet is ideal. It comes equipped with a dual electrical connection, and aerial and ground connections.



Cat. No. 1643. Our Price 79c

I.C.A. Convenience Outlet

A convenience outlet with aerial and ground markings. Metal parts are finished in nickel or bronze. They are of beautiful, highly polished bakelite.

Cat. No. 1644. Our Price 38c

Fleron Duplex Duo Tap

Fig. A

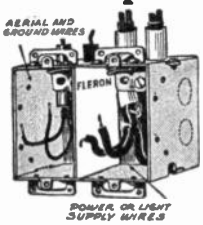


Fig. B

Fig. A—Flush type polarized radio, aerial, and ground connector, in combination with Duplex 110 volt receptacle. For use where concealed aerial and ground connections are desired.

Cat. No. 3401. (Brass Plate.) Price.....**$1.00**
Cat. No. 3402. (Bakelite Plate.) Price.... **1.00**
Cat. No. 3403. (Ivory Plate.) Price..... **1.53**
Cat. No. 3404. (Polarized aerial and ground cap.) Price ..... **.09**

Fig. B—Back view shows the special partition which is furnished with the Duplex Duo Tap.

Fleron Flush Handy Tap

Polarized aerial and ground connector. For use where only aerial and ground connections are required, and where power for the receiver is acquired from another outlet.

Cat. No.
3405. (Brass Plate.) Price.....**50c**
3406. (Bakelite Plate.) Price....**50c**
3407. (Ivory Plate.) Price.....**80c**
3408. (Polarized aerial and ground cap only.) Price..... **9c**

Fleron Duo Taps

Flush type polarized radio and aerial and ground connector. In combination with 110 volt receptacle. Aerial and ground connections and power for your radio set, all from a single outlet. Approved by Underwriters Laboratories.

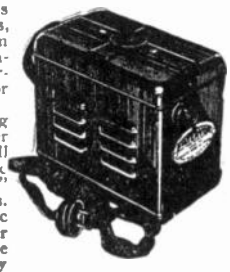
Cat. No. 3409. (Brass Plate) **82c**
Cat. No. 3410. (Brown Bakelite)...**82c**
Cat. No. 3411. (Ivory Plate) **$1.15**
Cat. No. 3413. (Polarized aerial and ground cap only) **9c**

I.C.A. Resistovolt

The new I.C.A. Resistovolt stops tubes from blowing out and prevents them from being strained by excessive house current voltage. The I.C.A. Resistovolt levels out the current supply so as to give at all times the most efficient operating voltage for which the tubes were designed. The use of a Resistovolt guarantees the set operator against all tube losses, whether from blowout or strain.

Cat. No. 1638. Our Price 98c

I.C.A. Filtervolt Senior Model

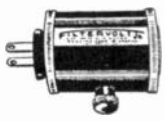


Filtervolt Senior filters out line noise disturbances caused by electric signs, elevator motors, vacuum cleaners, washing machines, electric refrigerators, etc., operated in or near the house.

Any radio receiver using house current for power can use Filtervolt and all A.C. and D.C. electric sets, or sets using "A" and "B" eliminators. With sets using dynamic speakers, Filtervolt Senior is a necessity because this type speaker greatly amplifies and intensifies line noises. The Filtervolt operates on A.C. and D.C. current, 25, 30, 50 or 60 cycles, and on 110-120, and 32 volt farm systems. Filtervolt Senior is small and compact. Handsome japanned case, convenient size, 5½ x 6½ x 3½". Easy to install and requires no attention.

Cat. No. 1639. Our Price $8.25

Filtervolt Junior



The I.C.A. Filtervolt Jr. eliminates noises caused by electric heating pads, switching of "on" and "off" of lights, electric toasters, vacuum cleaners, small motors of 1/16 horsepower, or less, and minor disturbances caused by electrical appliances.

The Filtervolt is recommended for installation at the source of interference. It can also be installed at the radio receiver. A small and compact unit. Housing body made of black enameled metal with brass nickel plated ring ends.

Cat. No. 1636. Our Price $1.65

Jackson Voltage Regulator

The Jackson Automatic Voltage Regulator is built for all standard radio receivers. It will keep the line current at an even flow at all times, thus preventing any excess voltage from blowing out the tubes and saving you a great deal of unnecessary expense. No radio set should be without one.

Cat. No. 1645. Our Price..... 39c

I.C.A. Powertenna

Combination socket antenna and dual current outlet. The Powertenna provides the two necessary outlets for electric set owners, set current and dynamic speaker (or lamp if no dynamic is used) besides acting as an antenna. Aerial condenser is wound on varnished silk cloth. Housing is made of genuine brown bakelite.

Cat. No. 1646. Our Price..... 59c

I.C.A Insultenna Aerial Eliminator

The Insultenna is remarkably compact, measuring only 5" x 2½" x 1". May be installed anywhere. It can be conveniently placed in the console or cabinet. It contains a number of feet of a new type filtered aerial wire and condensers which give it the capacity of 75 feet of ordinary wire.

Many installations and much experimenting prove the insultenna is superior to any type of indoor aerial, and, except outdoor aerials of great length, has a capacity beyond that of the ordinary outside aerial.

In many sections users of Insultenna report freedom from interference and "man made static" formerly almost unbearable with the old type aerials.

The Insultenna is not a light socket aerial and has no connection with the electric light current line, hence eliminating any possibility of A.C. hum. There is, of course, no necessity of using a lightning arrester.

Cat. No. 1649. Our Price..... $1.35

Everything from a Binding Post to a Transmitter

Switches, Plugs and Accessories

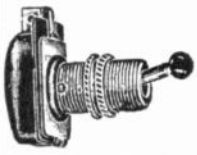
Single Pole Toggle Switch

Approved toggle switch. Will break 125 volts at 2 amperes. Positive contact switch.

Cat. No. 1511
Price—

14c

Single Pole Toggle Switch

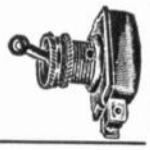


An extra long switch. Can be used for wooden panels and cabinets. The neck is one inch long. 3 amps at 125 Volts.

Cat. No. 1501. Our Price.. **17c**

Single Pole Toggle Switch

Will carry 3 amps at 125 volts. Shaft is ⅞" long.



Cat. No. 1502.
Price—

15c

C. H. Lock Switch

Ideally suited for use on automobile radio sets. Set cannot be turned on or off without use of key, which is removable.

Cat. No. 1503
Price **25c**

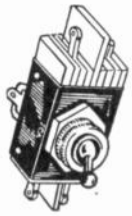
Push-Pull Switch

A general utility switch. Ideal for use on automobile or boat radio receivers.

Cat. No. 1504.
Price—

10c

Double Pole Double Throw Toggle Switch



Special construction makes it possible to switch over from phonograph to radio or from radio to phonograph. Has numerous other uses.

Cat. No. 1505.
Price—

42c

Double Switch

An assembly of two S.P. S.T. toggle switches controlled from a single shaft. When one switch is "on" the other is "off." Both switches are rated to carry 2 amps. at 250 volts. ⅜-inch threaded shank, and one inch overall shaft.

Cat. No. 5418.
Our Price **29c**

Stromberg-Carlson D.P.D.T. Switch

A remarkable value—used in office communication control panels and switch panels. Readily mounted on any thickness panel. Heavy contacts eliminate pitting. Handsome in design.

Cat. No. 1509.
Our Price **69c**

Pilot Light Switch

Comes complete with pilot light bracket. The jewelled front will light up when receiver is on.

Cat. No. 1516.
Our Price—

23c

Pearl Push-Button Switch

A single pole pearl push button switch. ⅝" in diameter with nickel-plated finish.

Cat. No. 1510.
Our Price

16c

Hubbell Toggle Switch

125 volts—3 amps. Complete, with 18" leads.

Cat. No. No. 1508.
Price—

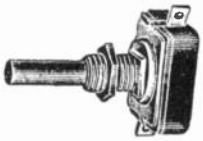
10c

Single Pole Double Throw Toggle Switch

Popular design. May be used for replacement in many receivers, etc. Long shank. Rated at 125 v., 3 amps.

Cat. No. 1512.
Our Price **19c**

Rotary Snap Switch



A single Pole snap switch. Will carry 125 volts at 3 Amps. 1¼" shaft.

Cat. No. 1506
Price

12c

Snap Switch

Will break 125 volts at 3 amps. Complete with on and off plate.

Cat. No. 1507.
Price—

12c

Rotary Snap Switch

S. P. S. T.

A popular number, used in many receivers. May be mounted on wooden panels. Heavy duty construction insures long life, quiet reception. Rated at 125 volts, 3 amps. 1¼ inch shaft.

Cat. No. 5419.
Our Price **16c**

Bakelite Tubing

Best quality ⅛ inch tubing. Ideal for construction of coils for receivers, transmitters, wavetraps, etc. 1½ inches in diameter. 2½ inches long.

Cat. No. 4908.
Our Price **5c**

Rubber Sleeving

Ideal for all insulating purposes. Especially recommended for use as low loss shortwave choke forms. Also as grommets for aluminum shield cans. ⅛ inch diameter.

Cat. No. 4909. Our Price **3c**

Howl Arrestor

Eliminates tube howls due to microphonic noises. It is a lead tube cap. Indispensable on sensitive detector tubes.

Cat. No. 3752.
Our Price **9c**

Battery Clips

Lead coated to prevent corrosion. Strong springs insure excellent contact. Accurately formed. Free in action. Terminals may be soldered or screw connected.

	Length	Price
Cat. No. 5420	1¾"	4c
Cat. No. 5421	2¾"	7c
Cat. No. 5422	3¾"	10c
Cat. No. 5423	4¼"	15c

Pilot Light Brackets

No. 1 No. 2

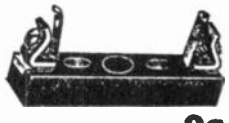
Supplied in a number of different designs to fit various positions. Standard Mazdo socket for all size dial lamps.

1—Long bracket design popular in replacement work. May be bent to any desired angle.
Cat. No. 1523.
Our Price, Each **6c**

2—Clip type, may be installed without tools. Rigid construction permits mounting at any angle. Solder lug terminals.
Cat. No. 1522. Our Price, Each.. **5c**

Insulated Resistor Mounting

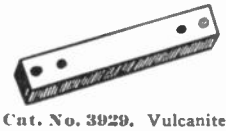
Sturdy spring contacts. Screw terminals for mounting in resistance amplifiers, test equipment, etc. Can be used as plug in R.F. choke mounting. Insulated base.



Cat. No. 1519.
Our Price **9c**

Vulcanite or Bakelite Antenna Insulators

Size 3¼ x ⅞"



Very satisfactory for the double type antenna. High grade moulded vulcanite and quality bakelite that resists absorption of moisture. High frequency losses reduced to a minimum.

Cat. No. 3929. Vulcanite. Our Price, each... **5c**
Cat. No. 3929A. Bakelite. Our Price, each...

Brown Bakelite Plug

Used for making up extension cord plugs, test terminals, etc. Brown bakelite insures good insulation, fine appearance. Perfect contact. 2½" long.

Cat. No. 5424.
Our Price **10c**

Extension Cord Connector

A popular design. May be connected in a minute. Spring contact. Merely slip phone tip leads in each end. 2¼" long.

Cat. No. 5425. Our Price **10c**

Extension Cord Connector

Low in price. A necessary convenience for remote speaker installation, etc. Sturdy spring terminals insure freedom from noise. 2½" long.

Cat. No. 5426. Our Price **6c**

Stromberg-Carlson Phonograph Plug

One of the best phone plugs ever made. Excellent insulation, suitable for high voltage use. Ideal for connecting one meter in a number of circuits by means of plug and jack system. Screw terminals insure perfect contact of phone tip, lug or wire. Sturdy mechanical design. Tie cord connection.

Cat. No. 5427.
Our Price **25c**

Phone Plug

A popular round barrel plug finely machined. Screw terminals take phone tips, lugs or wires.

May be disconnected readily. Tie cord connection. Barrel is removable for the easy insertion of tips.

Cat. No. 1533.
Our Price **25c**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

HOOK-UP WIRE & CABLE

Colored Push Back Wire

No. 18 B. and S. Gauge solid tinned copper with paraffined cotton insulation. Insulation slips back easily. Not affected by moisture. Every serviceman should have a supply in his bag. Finished in red, green, yellow and black.

Cat. No.	Length	Price
W-617	25 ft.	$.15
W-618	50 ft.	.28
W-619	100 ft.	.50
W-620	500 ft.	2.25
W-621	1000 ft.	4.25

Stranded Hookup Wire

Supplied in two types. One type for use with high current as in filament, and primary power circuits. 1/12" rubber covering with a rated capacity of 20 amperes continuous duty. The high voltage design is equivalent to No. 18 gauge. Insulation flame-proof varnished cambric. Not affected by moisture. Suitable for use in high power amplifiers, transmitters and laboratory apparatus.

HIGH CURRENT CAPACITY WIRE

Cat. No.	Length	Price
W-622	25 ft.	$.35
W-623	50 ft.	.65
W-624	100 ft.	.95
W-625	500 ft.	4.50

HIGH VOLTAGE WIRE

Cat. No.	Length	Price
W-626	25 ft.	$.60
W-627	50 ft.	1.10
W-628	100 ft.	1.95
W-629	500 ft.	8.75

Two conductor stranded can be furnished at 90% increase over above prices.

Magnet Wire

Used in winding all kinds of inductance coils, transformers, chokes, etc. Be assured of accurate size and insulation. Pure electrolytic copper insures current carrying capacity and resistance according to wire tables. Furnished with double cotton, double silk, and enamel insulation. Special sizes and lengths quoted on application. All ¼ lb. spools.

Cat. No.	Gauge	Double Silk Insulation	Double Cotton Insulation	Enamel Insulation
W-3737	14	27c	15c	13c
W-3738	16	27	15	13
W-3739	18	27	16	14
W-3740	20	29	17	15
W-3741	22	35	20	16
W-3742	24	41	23	17
W-3743	26	53	28	18
W-3744	28	65	34	20
W-3745	30	83	41	22
W-3746	32	$1.10	49	24
W-3747	34	1.39	72	27
W-3748	36	1.72	99	32
W-1640	38			37

Multi plug

A finely constructed twelve-wire battery cable, 6 ft. long. Woven cotton and rubber, individual wire insulation covered. The whole cotton covered. Terminates in special bakelite assembly. Equip your set with this modern convenience. Ideal for portable equipment construction.

Cat. No. W-656. Our Price .. $1.25

Dynamic Speaker Cable

A high quality woven cotton-covered cable available only in 5 ft. lengths. Well made. Finely insulated conductors. A stranded flexible wire. Conductors of heavy tinned stranded copper.

Cat. No. W-657.
Our Price 39c

Extension Cord & Plug

Furnished in made-up lengths to meet all requirements. Super-flexible. Heavy woven cotton insulation insures long life and freedom from short circuit. Ends terminate in phone tips. Will stand up under abuse. A necessity for the remote attachment of phones and speakers. Furnished complete with connector. Plug of heavy molded bakelite with spring terminals insures perfect contact under all conditions. Attached in a moment.

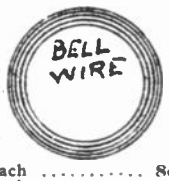
Cat. No. W-1527. 10 feet 19c
Cat. No. W-1528. 20 feet 29c
Cat. No. W-1529. 30 feet 39c
Cat. No. W-1530. 50 feet 59c

Quality Shielded Wire

A high grade shielded wire suitable for use as a lead in noise reducing antenna systems, isolating R.F. amplifier circuits. 1/32" thick. Available in any desired length.

Cat. No.	Length	Price
W-630	50 ft.	$.50
W-631	100 ft.	.95
W-632	500 ft.	4.50
W-633	1000 ft.	8.50

Bell Wire



Used for wiring annunciator circuits, experimental equipment, etc. Also used for short wave inductances. Double cotton insulated, paraffin coated. Insulation not affected by moisture. No. 18 B. and S. Gauge. Furnished in ¼ lb. and ½ lb. boxes.

Cat. No. W-1662. ¼ lb., each 8c
Cat. No. W-1662A. ½ lb., each 14c

Lead-In Wire

Heavy 3/16" rubber insulated solid wire. For use in lead-in, construction, power-pack wiring, etc. Insulation will stand up on high voltage. Rated to carry up to 10 amperes without heating or appreciable voltage drop.

Cat. No.	Length	Price
W-634	50 ft.	$.15
W-635	100 ft.	.28
W-636	500 ft.	1.30
W-637	1000 ft.	2.50

Parallel Fixture Wire

High quality parallel wire silk insulation. Sometimes called lampcord. May be used to replace connecting cords on all electrical devices. Do not confuse this wire with the thin, poorly insulated product available at bargain prices. No. 18 Gauge B. and S. 1/16" rubber covered.

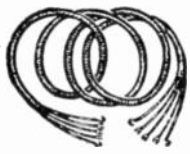
Cat. No. W-638. 100 Feet.
Our Price 95c

Shielded Microphone & Hook-up Cable

Used to prevent undesirable noise pickup and shield one power circuit from another. Extensively used in the construction of auto receivers, short wave transmitter and receiver wiring. Used to prevent radio frequency pickup in the audio circuits of broadcast and radio phone installations. Insulated with woven braid covering. Outer shield of tinned woven copper.

Cat. No.	Leads	Per Ft.	Per 100 Ft.
W-641	1	2 c	$1.95
W-642	2	2½c	2.40
W-643	3	3½c	3.25
W-644	4	4½c	4.25
W-645	5	6 c	5.65

Insulated Multiple Conductor Cable



Desirable for installing and wiring annunciator and communication networks. Also suitable for battery and power supply winding. Heavy stranded wire, rubber and cotton insulated. Twisted construction permits ready mounting. May be tacked into position, thus expediting wiring.

Cat. No.	Leads	Per Ft.	Per 100 Ft.
W-646	2	2½c	$2.45
W-647	3	3 c	2.45
W-648	4	3½c	2.95
W-649	5	4 c	3.40
W-650	6	4½c	3.85
W-651	7	5½c	4.45
W-652	8	6½c	5.00
W-653	9	7 c	5.70
W-654	10	8 c	6.15

Twisted Lamp Cord

A high grade twisted lamp cord suitable for extension use, or replacing defective cord on any electrical device. Separate insulated wires covered with rubber and cotton braid. Both inclosed in outer braid of cotton. Colors, brown, black, green, white.

Cat. No. W-655. Per foot 1¼c
Per 100 feet..... 95c

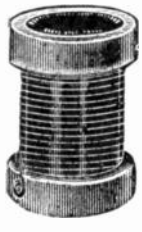
Electric Fixture Wire

Something new for the serviceman. Knowing how important it is that every service shop have a complete assortment of electrical and radio wire in stock, we have arranged to have coils in various sizes. We are putting them up in handy spools.

Cat. No. 2816. 100 ft. No. 18 CC twisted wire.
Cat. No. 2817. 100 ft. No. 18 Silk parallel
Cat. No. 2818. 100 ft. No. 8 1/64 Silk parallel.
Cat. No. 2819. 100 ft. No. 18 1/64 Single conductor for hook-up wire, assorted colors.

Our Price, Each 95c

Special! Cotton-Covered Wire



A huge purchase enables us to offer this remarkable value. Pure electrolytic copper covered with a single cotton insulation. Ideal for winding inductances of all sorts. For choke and transformer repair service, etc.

Furnished in ½ lb. coils only. Strictly subject to supply. Available in No. 22 Guage.

Cat. No. W-658.
Each 23c
Cat. No. W-659.
Lots of 6, each..... 21c
Cat. No. W-660.
Lots of 12 each..... 19c

Bus Bar & Spaghetti Wire

Highest quality bus wire of hard drawn copper. Used extensively in short wave and amplifier construction. Covered with finest grade varnished cambric sleeving. Ideal for high voltage leads. Furnished in 18" lengths only. Wire rated to carry up to 10 amperes. Insulation will withstand voltages up to approximately 1200 volts. Insures a vibration-proof wiring of calibrated equipment.

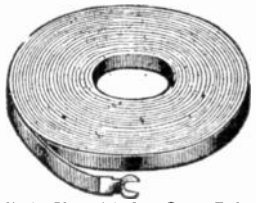
Available in green, red, yellow or blue for color-coded wiring.

Cat. No. W-661.
2 Lengths 5c

Prompt Service - Shipments within 24 Hours

AERIAL EQUIPMENT

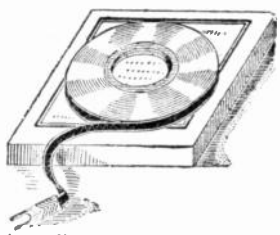
Stick Tape Indoor Aerial



Maximum surface—wonderful energy collector for indoor aerial installations. Neat and flexible. Gives perfect results indoors or outdoors. Will not produce noise even if it sways against walls. An accepted standard for indoor aerial installations.

Cat. No. 1668. Our Price **54c**
Per Dozen Lots $0.25

Powertone Indoor Aerial Tape



A flexible metallic aerial ribbon. Ideal for placing around moulding, picture frames, partitions, etc. Just the thing a serviceman has been looking for to make indoor aerial installations. Will give results equal to that of a 100 ft. outdoor antenna. A lug is placed at the end of each ribbon aerial to connect to the radio set.

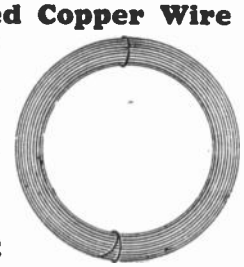
Cat. No. 1660. Our Price **28c**
Per Dozen Lots $3.25

Filtered Aerial Wire

A solid, straight insulated wire covered the entire length with helically-wound enameled wire. At each end straight inside wire is connected to a ground and one end of the outside of the helically wound wire is connected to the aerial posts of the radio set. Filtered aerial wire picks up very weak signals. Because of the transformer principle, amplifies the signal thereby making an excellent aerial for distant and clear reception. Can also be installed indoors, outdoors or in automobiles. Supplied in 50 foot rolls.

Cat. No. 1665.
Our Price **86c**

Solid Enameled Copper Wire



The standard for aerial installations. Minimum resistance to radio current, will not corrode or deteriorate. This enameled wire materially reduces any interference caused by neighboring high tension wires, electric motors or other apparatus causing inductive impulses.

Cat. No. 1663.
14 Gauge..... **30c**
Per Dozen Lots $3.40

Stranded Copper Aerial Wire

Made of finest quality, special long-life copper compound—insured against corrosion and breakage. Packed in 90 foot coils which is an accepted standard for aerials.

Cat. No. 1655.
Our Price **8c**
Per Dozen Lots 93c

Special Tempered Glass Insulators

Heavy corrugated construction. One of the finest available.

Cat. No. 1652.
Our Price **3c**
Per Hundred Lots $2.05

Aerial Lead-In Strip

Convenient clip terminal on each end.

Cat. No. 1659.
Our Price.... **3½c**

Powertone Aerial Kit

Contains all necessary articles for a perfect installation job: 90 feet aerial wire, 25 feet of lead-in wire, 2 glass insulators and a copper ground clamp. Nothing else to buy.

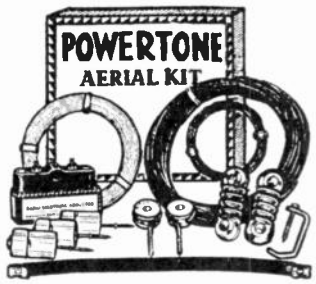
Cat. No. 1650.
Our Price **33c**

Powertone Aerial Kit "C"

Contains 100 ft. of 7 strand wire, 50 ft. rubber covered lead-in wire, 25 ft. insulated ground wire, 1 ground clamp, two porcelain strain insulators, lightning arrester, and leadin insulator. Real value at a real price.

Our Price
43c
Cat. No. 1653.

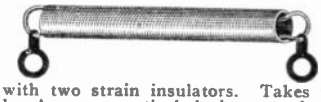
Powertone Super Aerial Kit



The peer of them all. Kit consists of the best aerial equipment available. 100 feet of solid enameled wire. 50 feet of SHIELDED lead-in wire, 2 pyrex glass insulators, a 100% guaranteed lightning arrester, 25 feet of ground wire, a sure contact ground clamp, 2 nail-it knobs, and small insulated staples to nail down the ground wire. Nothing else to buy.

Cat. No. 1651. Our Price **$1.75**

Powertest Spring Aerial



Spring with two strain insulators. Takes up slack in aerial. A very practical device, can be used as an indoor aerial as well as a permanent outdoor aerial.

Cat. No. 1666. Our Price **28c**

All Directional Antenna

Is made of a 14 inch diameter copper drum, mounted with four supports to a pole or mast mounting insulated collar. This type of aerial will increase radio reception from all directions. Especially recommended for short wave reception. A clip is attached to the collar for lead-in connection. Ideal for all antenna installations because of its compact size, mounting ease and excellent distance receiving qualities.

Cat. No. DA1673.
Price **95c**

Midget Standoff Insulators

Composed of glazed porcelain. An ideal insulator for supporting wiring, or for leadin or ground wires. 1¾ inches high.

Cat. No. FI1674. ..... **6c**

Insulated Staples

A necessity for every serviceman or storekeeper. Staples are insulated for protection against shorts. Can be used for holding leadin and ground wires in place.

Cat. No. IS1675.
Per 100..... **10c**

Standoff Insulators

Used in efficient antenna installations where a high class aerial system is required. Brown glazed porcelain finish. Strong and durable. Standard type pillar insulator.

Our Price
Each **5c**
Cat. No. 1669.
Our Price, Dozen.. **50c**
Per Hundred Lots.....$3.98

Grip Tight Ground Clamp

One of the finest manufactured. A sure contact is assured by the special screw arrangement, simply place the clamp on a suitable ground arrangement and turn screw until a sure grip contact is made. A screw for connecting the ground wire to the clamp will be found to simplify connection.

Cat. No. 1656.
Our Price **4c**
Per Dozen Lots 42c

Jiffy Grip Ground Clamp

Provides a positive and quick connection. Adjustable from ½ inch up. No soldering necessary. All that is necessary is connection of the ground wire to a specially mounted screw which comes complete with the clamp. Made of hard drawn, special grade copper.

Cat. No. 1672.
Price **4c**
Per dozen lots..... 45c

Nail-it Knob Insulators

Made of heavy-duty white glazed porcelain. Packed 6 to box. An extra heavy duty nail which will not bend or break.

Cat. No. 1671.
Our Price, each **1½c**
Per Hundred $1.00

Porcelain Screw Eye Insulator

Galvanized porcelain eye wall insulator. Made of the very best porcelain with extra strong screw.

Cat. No. 1670.
Our Price, each..... **2c**
Per Hundred $1.80

I. C. A. Electrostatic Lightning Arrester

Made of black porcelain throughout with highly polished surface. All hardware high grade brass nickle-plated. Two mounting screws furnished with each lightning arrester.

A choke coil and condenser are mounted in the arrester and connected between the aerial and set terminals. This aids in filtering static noises which are inducted into the set through the aerial.

Cat. No. 1657.
Our Price..... **50c**

Reliable Lightning Arrester

Accurately built, highly efficient, permanently sealed in a high grade heat-resisting enameled, porcelained cast. Equipped with antenna-ground binding posts and two mounting holes. Approved by underwriters laboratories.

Cat. No. 1658. Our Price **6c**
Per Dozen 65c

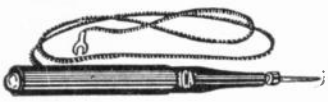
Swan-Haverstick Light Socket Antenna

Very efficient standard antenna plug. Reduces static and increases selectivity. Draws no current.

Cat. No. 1664.
Our Price..... **25c**
Per Dozen $2.93

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York

Handy Short Tester and Trouble Finder



A compact pocket size assembly of a test prod with needle point, small flash-light bulb and battery. A flexible lead terminating in a lug terminal is connected to the assembly. Ideal for making continuity test of all kinds. May also be used as a handy trouble light in dark places, by merely touching lug and needle tip together. When used with neon bulb A.C. & D.C. circuits may be tested and the approximate voltage checked by the relative brilliancy. Moulded of handsome fluted bakelite. Shipping weight 1 lb.

Cat. No. 1630.
Price **$1.40**

Bakelite Detectolite

At least one of these should be in every serviceman's kit. Indispensable to anyone working on electricl circuits. Indicates whether a circuit is A.C. or D.C. Approximate voltage may be determined by the relative brilliancy of the lamp. Also may be used to test radio frequency circuits. Extremely sensitive. Operates on any voltage from 110-500. Detects grounded side of the circuit. Moulded of solid bakelite with flexible rubber test leads. Phone tip terminals. Can be permanently plugged in the circuit if desired

Cat. No. 1631.
Price **95c**

Combination Neutralizing Tools

A five-in-one tool. Consists of ¼" nut-wrench, neutralizing screw driver ¼" blade, a 5/16" nut wrench and a full sized screw driver. Designed to place in the pocket. Approximately the size of a fountain pen, complete with handy pocket clip.

Cat. No. 1714.
Price **79c**

I.C.A. Set Neutralizer

A compact pocket assembly of a ¼" and 5/16" socket wrench. A small screwdriver fits into the end. Designed mainly to conserve pocket space. Substantially made with heavy walls. Will not break.

Cat. No. 1715.
Price **83c**

Neutralizing Wrench & Screwdriver

Compact, neat and efficient. May be conveniently carried in the pocket. Provided with fountain-pen clip —will stay put. Consists of ¼" and 5/16" socket wrenches. Small neutralizing screwdriver. Strong, light and durable.

Cat. No. 1634. ..... **43c**

DeLuxe Neutralizing Screw-driver

A finely made neutralizing tool. Can be used for adjusting practically all sets. Supplied with knob for easy adjustment. Heavy moulded construction prevents breakage. Specially tempered blade.

Cat. No. 1635.
Price **25c**

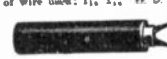
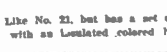
Neutralizing Screw-driver

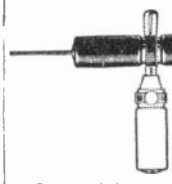
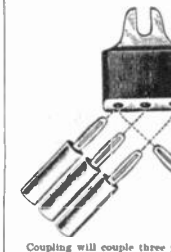
Moulded substantially from a special compound will stand abuse. Consists of a small convenient screw-driver in one end, and a socket wrench in the other.

Cat. No. 1321.
Price **69c**

This complete line has been developed to satisfy all test equipment requirements. Also ideal for the construction of laboratory and short wave apparatus. Finely made—an addition to any test panel or other apparatus. A special fabric is used which will not burn or break. Extremely high di-electric strength—ideal for high voltage use. All plugs are standard in diameter at plug end, except No. 4 and No. 52 which fit jacks No. 64, No. 66 & No. 67. The latter is smaller in diameter. The numbers 110, 111, 112, when used with No. 64. No. 66, No. 67, No. 68, No. 69 are ideal for the mounting of plug-in coils. No. 83—No. 96 are especially recommended for making up connector plugs on receivers, transmitters and laboratory equipment. Ideal for high voltage and current use. Why not make your equipment professional in appearance?

No.		Price
2	Set screw to hold wire. Size 1A"x5/16" O. D.	7c
3	Same as No. 2 but has a ribbed handle....	7c
4	Small diameter tip, set screw for wire: 1A"x5/16" O. D. Fits jacks No. 64, 66, 67	7c
10	Spade with set screw for wire, will fit binding posts. 1⅝"x11/32"	10c
11	Same as No. 10 but has a closed terminal.	10c
12	Same as No. 10 but has straight spade.	12c
13	Same as No. 12 but without set screw as the plugs of the line fit it.	10c
14	Spade hex. shank with chuck to hold wire, which fits an internal collar insuring a perfect hold on wire: 5/16"x⅜"O.D. R-B	14c
15	Same as No. 14 but has a straight terminal R-B	14c

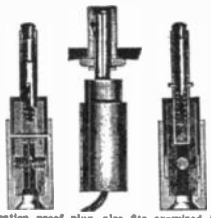
No.		Price
16	Spade with round shank which pull up the internal collet chuck and holds any ordinary size of wire used: 1⅞ x11 O. D.	10c
17	 Same as No. 14 but has a round shank. R-B.....	14c
18	Same as No. 17 but has straight spade like No. 15	14c
20	Most popular type of the line. Set screw holds wire: 1A"x11/32" O. D.	10c
21	Same as No. 20 but has a ribbed handle.....	10c
22	 Like No. 21, but has a set screw with an Insulated colored head	14c
24	Has simple chuck, split tip, low priced, can be used as prod: 2⅝"x5/16" R-B.	10c
25	Has internal collet chuck. By inserting a phono needle into it a fine test prod can be made out of it as in our No. 125 Kit: 1⅝"x5/16".	10c
26	Same as No. 25 but has a hole on side to tap off another plug.	10c
28	Set screw holds wire and hole on side to tap off another plug: 1⅝" x⅜"	10c

No.		Price
29	A divider plug, will divide one jack into four plugs. Has no hole at end for plug or wire 1H"x11/32"	14c
30	Coupling for two plugs 1⅝"x11/32" Except No. 4.	10c
31	 Coupling to be inserted in lead with two internal collet chucks, and a hole to tap off another plug: 1⅝"x5/16"	14c
32	Coupling to couple a wire lead to a plug: 1"x11/32"	10c
33	 Coupling will couple three plugs or one two way plug to a binding post: 1H"x1 9/32" wide and comes in black only	20c
35	Crocodile clip, will take the plugs. The particular shape will allow it to fit tight places, highly nickeled and polished. Does away with soldering and a screw driver: 1H"x⅝"	5c

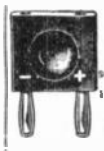
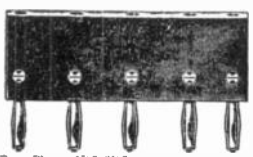
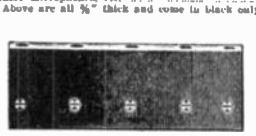
No.		Price
36	Test prod, phone tip end, built for heavy duty and will not lose color or warp from perspiration of the hands. Any of our plugs will fit it except No. 4. 4⅝"x11/32" R-B.	15c
38	Coupling that fills an important need to this line, will couple any phone tip jark on meters, etc., to most of our plugs except 4 and 52: 1⅝"x11/32"	10c
42	Has set screw under an insulated collar, milled end: 2⅝"x5/16"	14c
43	Same as No. 43 but has a banana spring plug at end	14c
44	Has chuck and milled tip: 2½"x5/16"	16c
45	Heavier type will hold larger wire and carry heavier currents: 2⅝"x5/16"	20c
46	Milled tip, an excellent type for quick connection. By simply pushing the wire into the end the connection is made and will not release till the cap is unscrewed and the end pulled forward: 5H"x1⅛"	28c

We Guarantee to MEET or BEAT competition-

Complete Line in Stock

No.		Price
47	 Vibration proof plug, also fits oversized jacks. By pressing down, the pins meet the jack and spread the plug apart. Two hardened set screws insure a positive connection with the wire. Aircraft need this type: 1⅛"x1⅛" comes in a red-black combination only.	30c
62	Plug Post fits No. 60, 61, 65, 66: 1⅛"x1⅛" Nickeled	10c
63	Plug Post fits No. 64, 66, 67: 1⅛"x⅞" Nickeled	7c
63	Plate Post, will fit chassis and battery lugs: ⅞"x⅞"	7c
64	Posts, colored, take our plugs, phone tips and wire: 1⅛"x⅞"	7c
64A	Same as No. 54 but supplied with stampings, viz: Green marked "Button 1" Red marked "Ground" Blue marked "Button 2" Black marked "Input" Violet marked "Pickup" Yellow marked "Output"	7c
65	Larger type, head unremovable, can't slip on panels, takes plugs, etc. Supplied as follows: Aerial, Ground, A+, A—, B+, B—, B+Power, B+Amp, B+Det, C—Amp, C—Power, C+, Loudspeaker—, Loudspeaker+. Plain, seven colors. All + in Red. All — in Black. Note: —is minus, + is positive: 1¼"x⅛"	9c
66	Press in bushing for metal panels: ⅞"O.D.x⅞"I.D.x¼" long B-B	2c
67	Colored rings, fit No. 66, 67: ⅝" O.D.x⅞"I.D.	1c
68	Colored rings, fit No. 65, 60: ⅞" O.D.x⅝"O.D.	1c
69	Same as No. 68 but have "Aerial" and "Ground" stampings. Aerial in Blue, Ground in Red	2c
69	Colored jacks for metal panels, 2 nuts and soldering socket, fits all thicknesses of metal panels used: 1"x⅝"	10c
61	Same as No. 60 but intended for insulation panels only	10c

No.		Price
64	Colored Jacks, small diameter for No. 4, 63: ⅝"x⅞"	7c
66	Nickeled Jack, with soldering socket, fits No. 4, 63: ⅜"x⅛"	6c
67	Same as No. 66 but without soldering socket for wire	5c
65	Nickeled Jack for the larger plugs, soldering socket: ⅜"x⅞"	7c
60	Same as No. 65 but without soldering socket for wire	6c
70	Shorting Plug, will short circuit two No. 54, 55, 60, 61, 65, 66: 1⅛"x1¼" handle in black	14c
75	Multiplug, consists of two parts, the body and a cap that covers the other part holding the plugs and set screws: 1⅜"x1⅞"x⅛" Black	35c
79	Same as No. 78 but has three plugs and is polarized to insure proper connection: 1⅜"x1⅛"x⅛" Recommended for microphone work Black	40c

No.		
80	 Multiplug, has thumb insert, set screw each side holds wire, etc.: 1⅝"x1⅞"x⅛" Black only	32c
81	Multiplug, has three plugs, polarized, makes ideal microphone plug: 1⅝"x1⅜"x⅛" Black only	38c
82	As above in red, no markings	38c
83	 Four Plugs: 1⅛"x2⅛"	42o
84	Five Plugs: 1⅛"x3⅜"	49c
85	Six Plugs: 1⅛"x4⅛"	56
86	Seven Plugs: 1⅛"x5"	63
87	Eight Plugs: 1⅛"x5⅝". Recommended for condenser microphones, etc.	70
	Above are all ⅝" thick and come in black only.	
90	 Extensions: Two Plug: 1⅛"x1¼"	35
91	Three Plug: 1⅛"x1⅝"	38
92	Four Plug: 1⅛"x2⅛"	42
93	Five Plug: 1⅛"x2⅝"	49
94	Six Plug: 1⅛"x3⅛"	56
95	Seven Plug: 1⅛"x3⅝"	63
96	Eight Plug: 1⅛"x4⅛"	70
	All above are ⅝" thick and come in black only.	

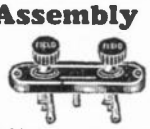
No.		
101	Coupling Plug for two No. 22 and many other uses	2c
110	Coil Plug, round shank, springs riveted to internal shaft: 1⅛"	10c
111	Same as No. 110 but has hexagon shank	10c
112	Coil Plug, banana spring, held by hexagon shank. A far superior plug to any now on the market: 1¼"	7c
	Ideal for 5-Meter Work and Crystal Holders	
113	Coil Plug, milled type without shank, hole in end to solder wire in. Ideal for transmitter use: 1⅛"	7c
125	UNIVERSAL TEST KIT Universal Test Kit: Contains fourteen pieces, one each Nos. 25 and 30; two each Nos. 13, 28, 35, 36, 38, 42. All pieces are supplied in Red and Black for Positive and Negative respectively; except Nos. 30 and 25 which are yellow, and the clip No. 35 is highly nickeled polished	$1.50
	Use of Set: Place a No. 28 and a No. 42 plug at each end of a wire; at the No. 42 end use the No. 30 with the No. 25 inserted into it, with a phone needle in No. 25. Or use the Nos. 35, 36 parts if needed. On the No. 28 end use the No. 13 for meter posts, or the No. 38 for phone tip jacks on meters, etc.	
156	Bushing: Highly polished nickel, colored and supplied with hex. nut ⅛" long x ⅞" O.D.x11/32"I.D.	5c
157	Smaller than No. 156: ⅞" long x ⅞" O.D.x 7/32"I.D.	4c

Locktop Bakelite Binding Post

The standard of the electrical and radio industry. Used by practically all manufacturers. Moulded of solid black bakelite. Head is non-removable—cannot be lost. Wire may be fastened through center hole or wrapped around brass post. Can be readily mounted on metal panels. Supplied plain or in following markings: antenna, ground, speaker +, Speaker —, Input, Output, +, —.

Cat. No. 1515.
Price ..... **3½c** ea.
In Hundred Lots..... **$3.25**

Dual Terminal Post Assembly



Requires single hole to mount. Ideal for input and output, battery, antenna and ground terminals. Can be conveniently mounted on metal panels or on wood baseboard by means of a small angle. Moulded of genuine bakelite with two genuine EBY posts. Solder lug or bolt connection.

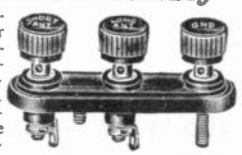
Cat. No. 1514.
Price **9c**

Panel & Baseboard Jacks

Two finely made jacks, moulded in genuine bakelite. Perfect contact. Wire or phone plugs can be attached without tools. Requires single hole mount. Supplied marked as follows: field, phono, speaker, output or unmarked.

Cat. No. 1513.
Price **6c**

Triple Binding Post Assembly



This moulded bakelite binding post assembly is ideal for all terminal connections. Recommended for the construction of sectionalized transmitting and test equipment. Requires but single mounting hole. Three genuine EBY posts with non-removable head, insures perfect contact.

Cat. No. 1526. ..... **12c**

Solderless Tip Plugs

May be applied to any kind of wire whether stranded or flexible. Simply remove insulation, uncover shank, put wire through fastening hole and replace shank. A firm pressure contact is assured. Ideal for making up test leads, temporary hookups, etc. Silver-plated finish.

Cat. No. 1524.
Each **3c**
Per dozen.....30c

Handy Tip Jack

Designed for panel mounting, but can be used for extension cord or cable use. Finely machined from brass, silver plated. Solder lug connection. Insures perfect contact with wire or phone tip. May be used for plug-in coils.

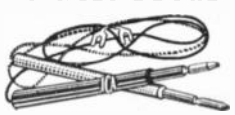
Cat. No. 1525.
Price **3c**

Popular Type Test Prods

A carefully constructed test prod, one red, one black. Heavily made of finest fibre with carefully machined metal parts. Tips furnished similar to tip plugs. Phone top terminals. Red and black color-coded leads.

Cat. No. 1623.
Price **14c**

Heavy Duty DeLuxe Test Prods



Oversize in construction and fine in appearance. Supplied with adjustable shank. Tips are phono needles which may be readily moved and replaced. Simply push prod into insulation—do not strip wire. Saves time and prevents short circuits. Durable. Will outlast three ordinary prods and points are always sharp. One black, one red supplied with five feet cord each.

Cat. No. 1624. ..... **25c**

NECESSITIES FOR THE SERVICEMAN

Jackson Soldering Irons

50 Watts—110-120 Volts

Nickel plated tube. Black enameled handle. Lava element. 6 feet heater cord. Removable copper tip. For home use and light radio work.

Cat. No. 1801.
Our Price **59c**

75 Watts—110-120

Nickel plated tube. Black enameled handle. Element wound on amber, mica and steel core. Six feet heater cord. Removable copper tip. A good tool for home use and light work.

Cat. No. 1802.
Our Price **$1.45**

75 Watts—110-120 Volts

Highly polished. Nickel tube. Removable mahogany handle. Element wound on high grade amber, mica and steel core. Six feet heater cord. Large removable copper tip. A good instrument for light shop work.

Cat. No. 1803.
Our Price **$1.15**

100 Watts—110-120 Volts

Highly polished nickel tube. Mahogany removable handle. Six feet heater cord. Element wound on high grade amber, mica and steel core. Large removable copper tip. A good tool for heavy work.

Cat. No. 1804.
Our Price **$1.94**

75 Watts—220 Volts

This thoroughly reliable 75 watt iron is designed for use on 220 volt A.C. Metal parts are highly polished. Nickel-plated tube. Black enameled handle. Element wound on amber, mica and steel core. Six feet heater cord. Removable copper tip.

Cat. No. 1805.
Our Price **$1.50**

Eveready Rosin Core Solder

A high-grade solder for wiring and general work. It is non-corrosive and non-conductive.

Cat. No. 1313.

Weight 3. oz.	**10c**
Weight ½ lb.	.25
Weight 1 lb.	.45
Weight 5 lbs.	2.10
Weight 10 lbs.	3.95

Esico Soldering Irons

The Ideal Iron for Serviceman or Laboratory

The finest iron made. Used exclusively by manufacturers like Atwater Kent, Philco and many others who of necessity must have an iron that will stand up. Since they have unanimously selected the Essico this iron needs no further recommendation. Blue Steel, Anti Heat handle, replaceable forged copper tip, Grade A nickel chrome element wound on highest quality mica insulation.

7 OZ. MIDGET MODEL
65 Watts
Cat. No. 1806. Our Price—
$1.05

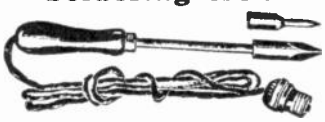
9 OZ. JUNIOR MODEL
85 Watts
Cat. No. 1807. Our Price—
$1.65

19 OZ. CONSTANT DUTY
85 Watts
Cat. No. 1808. Our Price—
$3.30

24 OZ. CONSTANT DUTY
200 Watts.
Cat. No. 1809. Our Price..... **$5.40**

We can supply special bent tip ¼" diameter to fit either the Junior or "Midget" Models at 20 cents each additional.

Heavy Duty Two Tip Electric Soldering Iron



For those who have occasional repairs to make. Supplied with 6 feet of black cord, 2 piece attachment plug, black enameled handle, highly nickeled tube, and large copper tips. One tip for fine work. The other for the heavier type of work.

Cat. No. 1810.
Our Price **95c**

G.M. Electric Soldering Iron Stand

Permits perfect heat control for soldering. Consists of two grooves, each containing a different temperature, one to heat iron quickly and the other to maintain soldering temperature.

Comes complete ready for use, with screw driver control on side permitting adjustment for 110 volt irons rated from 44-150 watts and 220 volt irons rated 100-150 watts, either A.C. or D.C.

Cat. No. 1822.
Our Price **$2.93**

Aluminum Solder

A necessity for every serviceman in his "lab." The article to be soldered should be cleaned. As no flux is required the solder should be applied directly to break or hole. It is necessary that the iron be cleaned before attempting to solder. Size of strip—6½ inches long.

Cat. No. 1823. Our Price **29c**
6 for **$1.50**

Bar Solder

For the serviceman who uses a large amount of solder. Contains no rosin or soldering flux. 9" long.

Cat. No. 1824.
Our Price **19c**
6 for **$1.10**

LENK BLOW TORCHES

Handy Blow Torch

Handy for any soldering purpose. Made of brass, heavily nickeled, 1200 degrees needlepoint flame.

Size: 5 in. by ⅞ in.

Packed six on a counter display card. Shipping weight per dozen, two pounds.

Cat. No. LT-1315.
Our Price, Each
30c

Mouth Blow Torch

A foolproof heavy duty torch. Wick scientifically encased prevents the boiling over of fuel. Balanced to prevent damage when dropped or abused. Base and top of heavy bronze castings. Extra long rubber tube with ebony mouth piece. Size 7⅛" x 2½".

Cat. No. LT-1316.
Our Price
$1.47

Lenk Duo-Duty Blow Torch

Strong sturdy structure. Duo-Flame Control. Needle point and Bunsen Blast. Mechanically balanced. Heavy cast bronze base. Cleaning pin securely held in cool handle. Built to last a lifetime.

Cat. No. LT-1317.
Our Price
$1.75

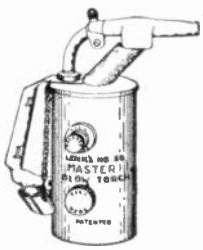
Lenk Master Blow Torch

Power 2200 degrees blast with attached burner. One turn of thumb screw releases burner, producing 1700 degrees needle-point flame.

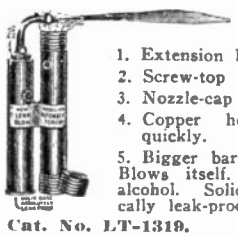
Features

Double burner for needle point and heavy intense flame.
Pressure release valve.
Cleaning pin kept in handle.
Full-grip handle—always cool.
Filter screen in jet prevents plugging.

Cat. No. LT-1318.
Our Price **$2.94**



Lenk Torch



FIVE IMPROVED FEATURES

1. Extension base improved stance.
2. Screw-top makes it easier to load.
3. Nozzle-cap prevents evaporation.
4. Copper heat conductor generates quickly.
5. Bigger barrel holds more fuel. Blows itself. Operates on denatured alcohol. Solid base makes it mechanically leak-proof.

Cat. No. LT-1319.
Our Price **59c**

E-Z Flow Wire Solder

Used by the largest radio and electrical manufacturers. Will adhere to aluminum, nichrome wire and highly polished surfaces. Will last twice as long as the ordinary solder. "Hams" and amateurs who have used this solder claim it to be the best that they have ever used.

Cat. No. 1311. (½ pound) **50c**
Our Price .....

Cat. No. 1312. (1 pound) **75c**
Our Price .....

Everything from a Binding Post to a Transmitter

RADIO HARDWARE

Aluminum Sub-Panel Brackets

2½" x 6¾"

Latest improved type, designed to accommodate transformers and large by-pass condensers beneath the sub-panel. Splendid for midget radio construction. Solidly made of hard aluminum. Shipping wgt., per pair, 1 lb.

Cat. No. H1542A.
1" x 8". Our Price..... **24c**

Specially made with cutout corners to fit any type of cabinet. Constructed of aluminum. Shipping wgt., pair, 1 lb.

Cat. No. H1543. 2" x 9".
Cat. No. H1544. 2" x 11".
Our Price **36c**

Phone Tips

Has a hole on the side where you apply the solder and make positive contact. No more loss of connections on phone tips. Ship. wgt., 6 ozs.

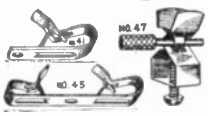
Cat. No. H1545.
Our Price, per dozen..... **9c**
Per 100 .....70c

Phone Tip Jacks

Constructed of solid brass with nickel plating. Used for loudspeaker outlets, binding posts, battery leads.

Cat. No. H1546.
Our Price, each. **4c**

Fahnestock Clips



Made of the finest spring brass. Will last a lifetime.

Single ¾ in. (No. 41)—
Cat. No. H1547.
Our Price, per dozen..... **12c**
Single 1 in. (No. 41)—
Cat. No. H1548.
Our Price, per dozen..... **15c**
Twin 1½ in. (No. 45)—
Cat. No. H1549.
Our Price, per dozen..... **27c**
Twin 1¾ in. (No. 45)—
Cat. No. H1550.
Our Price, per dozen..... **30c**

Fuse Clips

Punched out of copper. Nickel-plated. For mounting fuses and many other purposes.

Cat. No. H1520.
Our Price
Per Dozen **15c**

Screen Grid Caps

With Soldering Leads

Manufactured of spring phosphor bronze. Tinned for perfect contact. The lead is approximately 6 in. long and soldered to the top, ready for use.

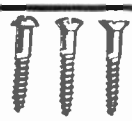
Cat. No. H1552.
Our Price, each **10c**
Per dozen $1.00

Alligator Test Clips

New improved, long and thin type. Only 7/16" wide and 2" long. Has a soldering feature on the inside of the barrel for easy soldering.

Cat. No. H1553.
Our Price **5c**

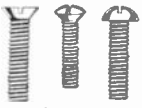
Wood Screws



Strong nickel-plated. Available in the following types and sizes:

Cat. No.	Size	Length	Our Price Doz.	Gr.
Round Head				
H1554	4	⅜"	5c	40c
H1555	5	½"	5c	50c
H1556	5	¾"	6c	60c
H1557	5	1"	8c	60c
Oval Head				
H1558	4	⅜"	5c	40c
H1559	5	½"	5c	50c
H1560	5	¾"	6c	60c
H1561	5	1"	8c	60c
Flat Head				
H1562	4	⅜"	5c	40c
H1563	5	½"	5c	50c
H1564	5	¾"	6c	60c
H1565	5	1"	8c	60c

Machine Screws



Finest quality, nickel-plated.

Cat. No.	Length	Doz.	Gross
6/32 Round Head			
H1566	⅜"	3c	32c
H1567	½"	4c	42c
H1568	¾"	5c	55c
H1569	1"	6c	60c
H1570	1¼"	8c	70c
6/32 Flat Head—Same Price			
8/32 Round Head			
H1571	½"	5c	42c
H1572	¾"	6c	48c
6/32 Oval Head			
H1578	⅜"	3c	32c
H1579	½"	4c	42c
H1580	¾"	5c	55c
H1581	1"	6c	60c
H1582	1¼"	8c	70c

Nuts and Washers

HEXAGON NUTS

Cat. No. H1583.—6/32 x ¼"—
Envelope of 20..... 5c
Per 100 .....20c
Cat. No. H1584.—8/32 x ¼"—
Envelope of 20..... 5c
Per 100 .....20c
Cat. No. H1585.—6/32 x 5/16"—
Envelope of 15..... 5c
Per 100 .....25c
Cat. No. H1586.—8/32 x 5/16"—
Envelope of 15..... 5c
Per 100 .....25c

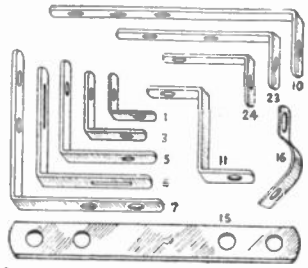
KNURLED NUTS

Cat. No. H1587.—6/32 x ⅜"—
Envelope of 6..... 5c
Per 100 .....75c

WASHERS

Cat. No. H1588.—No. 6—
Envelope of 25..... 5c
Per 100 .....20c
Cat. No. H1589.—No. 8—
Envelope of 25..... 5c
Per 100 .....20c

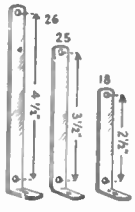
Angle Brackets



Manufactured of heat-hardened brass, with a lifetime coating of nickel. Available in the following sizes. Width ⅜".

Cat. No.	No.	Size	Our Price per pair
H16004	1	½" x ½"	2c
H16005	3	⅝" x ⅝"	3c
H16006	5	1" x 1"	4c
H16007	6	1⅛" x 1⅛"	5c
H16008	7	1½" x 1½"	7c
H16009	10	½" x 2¼"	7c
H16010	11	¾" high	3c
H16011	15	3" long	7c
H16012	23	½" x 1½"	6c
H16013	24	½" x ⅞"	3c

Brackets for Audio & Power Transformers



Ideal for mounting all types of audio and power transformers. The center - to - center dimensions are given in illustration.

Cat. No. H16014.
Fig. 18
4 for..... **20c**
Cat. No. H16015.
Fig 25
4 for..... **30c**
Cat. No. H16016.
Fig. 26
4 for..... **40c**

Soldering Lugs

All have No. 8 holes which fits either No. 6 or 8 screws. Shipping wt. 6 oz.

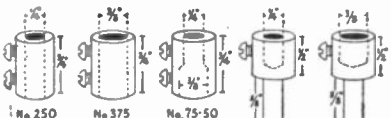
Cat. No. H16017. Type No. 1
Cat. No. H16018. Type No. 2
Cat. No. H16019. Type No. 3 Solderless
Cat. No. H16020. Type No. 4 ⅝" long
Cat. No. H16021. Type No. 5 ⅞" long
Our Price
Per 100 ..... **19c**

Spade Lugs

Tapered, thus making it ideal for all kinds of connections. Will take all screws up to number 10 in diameter.

Cat. No. H160
Our Price.. **5c**

Shaft Couplings and Extenders



Used when mounting two or more condensers, rheostats or switches. Extenders for lengthening shafts of couplings.

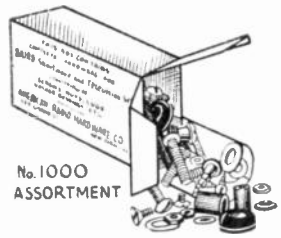
Cat. No. H1593.
¼" shaft coupling.
Cat. No. H1594.
¾" shaft coupling.
Cat. No. H1595.
¼ x ⅜" shaft coupling.
Cat. No. H1598.
Not illustrated. Shaft extender to change ¼" diameter shaft to ¾" shaft. **15c**

Cat. No. H1596.
¼ x ⅜" shaft extender.
Cat. No. H1597.
¼" x ¼" shaft extender.
Price each..... **10c**
10 for 80c

Cat. No. H1599.
6" length brass shafting
Cat. No. H16001.
6" length fibre shafting
Price each **15c**
10 for $1.10

Cat. No. H16002.
12" length brass shafting
Cat. No. H16003.
12" length fibre shafting
Price each .....
10 for $1.10

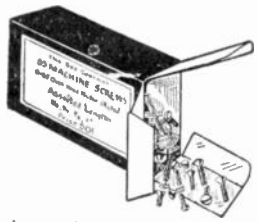
Complete Hardware For Short Wave and Radio Receivers



A complete assortment consisting of Machine Screws, Wood Screws, Hexagon Nuts, Brass Washers, Rubber Grommets, Terminals Lugs, Screen Grid Caps, Fibre Pieces and Fibre Bushings. Approximately 225 pieces to a box. A splendid assortment for set builders and experimenters. Shipping wt. 1 lb.

Cat. No. H16023.
Our price per box..... **95c**

Machine & Wood Screw Assortment



Each assortment contains 85 heat-hardened steel screws. Size 6/32".

Assorted as follows:
30—⅜" 20—½" 10—¾" 10—1" 15—⅝"
Available in round, flat or oval heads. Order by catalog no.

Cat. No. H16024—
Round Head Screw Assortment.
Cat. No. H16025—
Flat Head Screw Assortment.
Cat. No. H16026—
Oval Head Screw Assortment.
Our Price, Any Type..... **25c**

100 PIECE SCREW ASSORTMENT

A special collection of 100 assorted round head machine screws, nuts and washers, size 6/32".

Cat. No. H16027. Our Price **27c**

SPECIAL WOOD SCREW ASSORTMENT

A novel assortment for the radio experimenter. 85 nickel-plated round, oval and flat head screws in assorted sizes. Shipping weight, 1 lb.

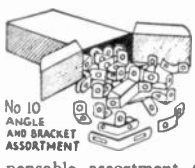
Cat. No. H16028. Our Price **25c**

Fibre Washers

A real handy assortment for the service kit. Consists of various sizes of shouldered and plain fibre washers in cardboard box. Assortment of 100 pieces.

Shipping wgt.,8 oz.
Cat. No. H16029.
Our Price, per box..... **25c**

Angle Bracket Assortment



Consists of 28 of the most popular angles and brackets used in the average radio receiver. Manufactured of solid brass with a lifetime nickel-plating. An indispensable assortment to every serviceman. Shipping weight, 1 lb.

Cat. No. H16030.
Our Price, per box..... **25c**

LEVITON ELECTRICAL DEVICES

Bakelite Heater Plug

No. 132
660 Watts
No. 132—Black or Brown
Cat. No. 301.
Price Each 8c

Bakelite Heater Switch Plug

No. 215
Same as above but with switch.
3 Amps. 250 Volts
6 Amps. 125 Volts.
Cat. No. 302.
Price Each 16c

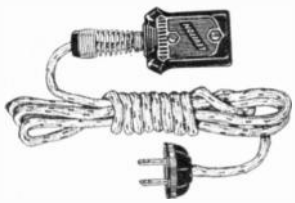
Bakelite Heater Plug

No. 133
With ivory grip handle
Cat. No. 303.
Price Each 10c

Heater Switch

No. 216
With grip handle Black bakelite
Cat. No. 304.
Price Each 18c

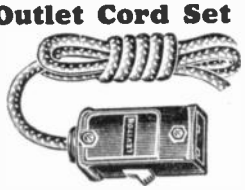
Heater Cord Set



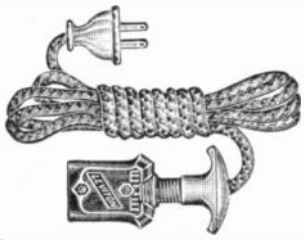
No. 20
Consists of 6 feet No. 20 Green and Red Rayon approved heater cord.
Black heater plug.
Black plug cap.
Cat. No. 305.
Price Each
12½c

Pendant Switch and Convenience Outlet Cord Set

No. 405-W
Consists of 4 ft. No. 18 Double Conductor white silk cord.
Black Pendant Switches
Cat. No. 306.
Price Each 50c



Heater Cord Set



No. 17-R
Consists of 6 ft. black and red heater cord. Black heater plug, red grip handle.
Cat. No. 307.
Price Each
24c

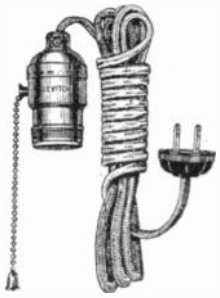
Connecting Cord for Receptacles

No. 8010
6 ft. of cord, pendant and connector.
Cat. No. 308.
Price Each 4c

Porcelain Outlet Box Receptacle

No. 9870
With open terminals and japanned metal plate. 660 watts—250 volts.
Cat. No. 324.
Price Each 9c

Pull Chain Extension Set



No. 12/9
Consists of 9 ft. No. 18 artificial silk wire.
Brush brass socket.
Brown plug cap.
Cat. No. 309.
Price Each
30c

Pull Socket

No. 8002
250 Watts—250 Volts
Brass shell socket. Standard size. Edison base.
Cat. No. 310.
Price Each 12c

Meteorite Shell Type Pull Socket

No. 2010-B
Furnished with snap lock caps. A Positive Lock.
Colors—Black and Brown.
Edison base.
250 Watts—250 Volts.
Cat. No. 311.
Price Each 20c

Porcelain Key Socket

No. 8301
Porcelain key socket with pendant cap.
For signs, fixtures and outlet boxes.
Edison base.
250 Watts—250 Volts.
Cat. No. 312.
Price Each 18c

Porcelain Pull Receptacles

No. 9814
With three inches of chain, and 6 ft. of cord.
Brass or nickel finish.
Edison base.
250 Watts—250 Volts.
Cat. No. 313.
Price Each 12c

Ball Chain

No. 8302
Standard ball and chain used for pull chain socket. 250 ft. to a spool.
Cat. No. 314.
Price, a spool $4.50

Ball Chain Insulator

No. 9839
100 to a carton.
Cat. No. 315.
Price, per carton $3.00

Ball Chain Connector

No. 9820
Brass or Nickel Finish.
100 to a carton.
Cat. No. 316.
Price, a carton $2.50

Attachment Plugs

No. 127
Bakelite 3 way cube tap. 10 amps.—250 Volts.
Makes possible the use of three appliances in 1 wall outlet.
Cat. No. 317.
Price Each 6c

Twin Lite Socket

No. 1402
Bakelite offset twin socket.
660 Watts—250 Volts.
For using two electric bulbs where only one socket is available.
Cat. No. 318.
Price Each 7½c

Twin Lite Socket

No. 128
Bakelite twin socket.
660 Watts—250 Volts.
One piece construction—attractively finished.
Cat. No. 319.
Price Each 7½c

Attachment Plug

No. 1400
Bakelite handle cap.
10 Amps.—250 Volts.
Bakelite cap provides added insulation and prevents short circuit.
Cat. No. 320.
Price Each 5c

Universal Pull Switch

No. 6051
Finished in brush, brass, statuary bronze or nickel finishes.
6 Amps—125 Volts.
3 Amps.—250 Volts
Furnished with link for pendant type.
Cat. No. 321.
Price Each 40c

Porcelain Receptacles

No. 9062
Porcelain Pony cleat.
Base receptacles for signs and surface wiring.
Dia. of base 2".
Ht. 1 11/64.
Cat. No. 322.
Price Each 5c

Radio Knife Switches

Porcelain base.
25 Amp.—125 Volts

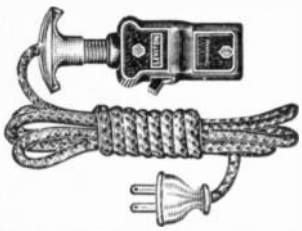
Cat. No. 323.		Price
No. 9916	SPDT	.08½ Each
No. 9917	SPST	.10½ Each
No. 9918	DPST	.15 Each
No. 9919	DPDT	.18 Each

A complete line of ELECTRICAL ACCESSORIES always in stock

Prompt Service - Shipments within 24 Hours

ELECTRICAL DEVICES

Heater Switch Cord Set



No. 2171

Consists of: 6 ft. Ivory and Green Heater Cord. Black Heater Switch Plug. Ivory Grip Handle Cap.

Ivory Handle
Cat. No. 2801.
Our Price
35c

Bell Ringing Transformers

No. 1150

Primary 110 Volts, Secondary 8 Volts, 60 Cycles. A handy transformer with a hundred uses.

Cat. No. 2802.
Our Price **50c**

Surface Tumbler Switch With Bakelite Cover

No. 1010

3 Amperes—250 Volts
6 Amperes—125 Volts

Single Pole

Cat. No. 2803.
Our Price **12c**

Porcelain Ceiling Receptacles with Ball Lamp Adapters

No. 9823

Made in Edison Base type. Holes for supporting screws are spaced 2¾ inches between centers.

Cat. No. 2805.
Our Price **45c**

Surface Tumbler Switch for Outlet Box With Metal Cover

No. 1011

Ideal for all types of electrical work. A necessity for every electrician's kit. Single Pole 3¼ inch cover.

Cat. No. 1012.
Our Price **15c**

Single Pole 4 inch cover.
Cat. No. 2804.
Our Price **18c**

Outlet Box Receptacle

No. 206

With Japanned and Cadmium Plated Covers. 15 Amperes — 125 Volts. Single on 3¼ inch cover.

Cat. No. 2806.
Our Price **10c**

Duplex Receptacles for Outlets

No. 208

On 3¼ inch cover. Provided with Side-Wired Brown Meteorite Receptacle. 15 Amperes—125 Volts.

Cat. No. 2807.
Our Price **12c**

Attachment Plug Cap

No. 120
Steel Blades
Black Bakelite
Cat. No. 2808.
Our Price—
3c

Porcelain Sign Receptacle

No. 8101
660 Watts—250 Volts

With Removable Ring and Wires also furnished in 8 inch and 9 inch lengths.

Cat. No. 2809.
Our Price—
4¼c

Meteorite Shell Socket

No. 1406

Screw in type. Edison base. Pull socket with additional outlet.

250 Watts—250 Volts

A general utility socket adaptable to many uses.

Cat. No. 2810.
Our Price **18c**

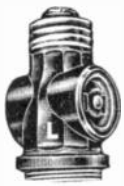
Porcelain Weather-Proof Socket

No. 9909
660 Watts—600 Volts

Fitted with 6 inches of No. 14 B & S Stranded Rubber Covered Wire. Can also be supplied 8 inch or 10 inch leads of No. 18 B & S Wire.

Cat. No. 2820.
Our Price **7½c**

Bakelite Current Tap



No. 1403
660 Watts—250 Volts
Edison Base Black

Cat. No. 2812.
Our Price **7½c**

Meteorite Shell Socket

Furnished with snap lock caps. A positive lock. Edison Base Black. Push-Thru Socket.

No. 4065-B
250 Watts—250 Volts
Cat. No. 2813.
Our Price **13¾c**

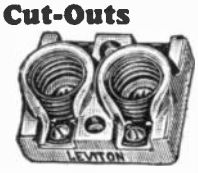
Porcelain Pull Receptacle

Edison Base
No. 9815

For 3¼ inch box with groove for Shade Holder. Holes for supporting screws are spaced 2¾ inches on centers.

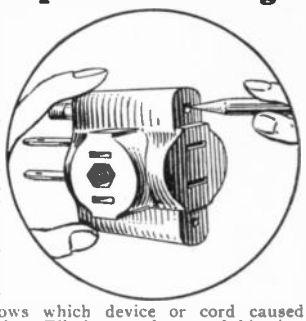
Cat. No. 2814.
Our Price—
15c

Edison Plug Cut-Outs



No. 8719
30 Amperes—125 Volts
2-Wire Main. Dimensions, 3 inches by 2 19/32 inches.
Cat. No. 2815.
Our Price—
18c

Fused Triplet Outlet Plug



Answers all three way plug requirements. Prevents blowing fuses at main switchboard — no more groping in the dark at the fuse box. Two 6 ampere auto fuses which can be replaced in a moment's time, are built into the assembly. No tools required for changing. Shows which device or cord caused the short circuit. Eliminates chance of blowing the second fuse. Approved by underwriters laboratories for use on all devices within its rating. Another advantage is the low fuse replacement cost—far less than with any other type. Moulded in special non-combustible material.

FEATURES: Simple to install—no tools required; Suitable for practically all home devices; Prevents damage to expensive equipment; Fuses may be replaced in a second.

Cat. No. 2827. Plug complete with two 6 ampere fuses. Our Price **25c**
Cat. No. 2828. Extra box of 6 ampere fuses—5 per box. Our Price **20c**

Composition Weather Proof Socket

No. 156
600 Watts—600 Volts

Fitted with 6 inches of No. 14 B & S Strand Rubber Covered wire.

Cat. No. 2821.
Our Price **7c**

Entrance Switch

No. 8712
Double Pole Main Line
30 Amperes—125 Volts

For fuses at top. Dimension of base, 4⅝ inches by 3 inches. Holes for supporting screws are spaced 3⅛ inches on centers.

Cat. No. 2822.
Our Price **28c**

Toggle Flush Switch

No. 1000
5 Amperes—250 Volts
10 Amperes—125 Volts
Shallow porcelain box 1-inch deep.

Cat. No. 2823.
Our Price **8c**

Meteorite Duplex Flush Receptacle

No. 202A
10 Amperes—250 Volts

Cat. No. 2824.
Our Price **7½c**

Meteorite Single Flush Receptacle

No 201 A
10 Amperes—250 Volts

Cat. No. 2825.
Our Price **6c**

Eagle Cone Glocoil

Fits all screw type heaters. Best grade of coiled "Nichrom" wire used. 110-120 volts, 600 to 660 watts. Wound on durable porcelain.

Cat. No. 2826. Our Price **23c**

Find Your Needs Quickly With This Simple Index

A

Adapters 34, 35, 93
Accuratuner 96
Aerial Eliminators 96
Aluminum Cans 59
" Panels 59
" Records 26
Amplifiers, D.C. 14
" Hearing Aid 14
" Phonograph 13, 14
" Portable 12, 13
" Public Address 12, 13, 15
Analyzer Plugs 29, 31
Antenna Equipment 99
" Filter Kits 53, 95
" Indoor 53, 95, 99
" Spreader 95
Automobile Accessories 9, 18, 19, 20
" Antenna 9
" "B" Eliminators 9
" Receivers 8
" Remote Controls 9
" Speakers 18, 19, 20
" Suppressors 9

B

Baffleboard (Celotex) 22
Bakelite Panels 59
Bases, Chassis 59
Batteries "A," "B," "C" 53
" Cable 98
" Testers 31
Binding Posts 101
Blow Torches 102
Blueprints 56
Books 36, 37, 38, 81
Brackets, Angle 103
" Sub-panel 103
Bus Bar Wire 98
Buzzers, Code Practice 52
" High Frequency 52

C

Cabinets, Speaker 17, 22
" Receiver ....Inside Front Cover
Cable Remote Control 9
Cases, Portable 54
Celotex 22
Chassis, Set 5, 6, 7
Charger Bulbs 27
Chokes, "A" Eliminator 57
" Audio 57
" Filter 57, 63, 64, 65, 66, 68, 69, 72
" Radio Frequency 51, 60, 89
Clips, Battery 97
" Fahnestock 103
" Fuse 103
" Screen Grid 59
Coils, Antenna 91
" Conoid 90
" Field 21
" Form 51, 89
" Pickup 25
" Radio Frequency 90, 91
" Short Wave 89
" Super-het 51, 60, 90, 91
" Transmitting 89
" Tuner (3 circuit) 90, 91
Comparator, Speaker 21
Condenser, Bypass 77, 78, 79, 80
" Cartridge 77, 80
" Coupling 50, 60
" Distributor 9
" Electrolytic 76, 79
" Equalizing 50, 88
" Filter 78, 79
" I.F. Tuning 88
" Mica 77
" Midget 50, 88
" Replacement Blocks 74, 75
" Transmitting High Voltage 79, 80
" Trimmer 88
" Uncased 77
" Variable 88
" Variable Transmitter ...50, 60
Connectors, Cord 97
Converters, Power 24, 53
Copper Tubing 45
Cord Sets, Electric 104, 105
Crystal Detectors 23
" Holder & Base 45
" Receiving Sets 23
" Speakers 17
" Transmitting 45

D

Detectolite 100
Dials 60, 92
Dial Cables 92
" Light Sockets 94
" Lights 27
" Plates 92
Dynamic Speakers 16, 18, 19, 20
Earphone Adapter 35
" Cord 22
" Cushions 22
Electrical Devices 104, 105
Eliminators, Aerial 96
Extension Cords 98

F

Field Coils 21
" Exciters 16, 22, 60
" Filament Supply Transformers 57, 62, 64, 65, 66
Fuses, Electric & High Voltage 27

G

Generators 9
Grid Leaks 82
Grid Leak Mountings 97
" " Wire Wound Transmitting 83
Grid Leak Variable 82, 87
Grill Cloth, Speaker 21
Ground Clamps 99

H

Hardware, Radio 103
Headphone Parts 22
Headphones 22
Horns 16, 20, 22

I

Inductance, Speakers Farrand... 17
Insulators, Aerial 99

J

Jacks 94
" Extension 94
" Phono & Pickup 101
" Twin 101

K

Keys, Transmitting & Practice.. 52
Kits, Antenna 99
" Coil 90, 91
" Short Wave 46, 47, 48, 49
" Super-het 6
" Tuners 7
" T.R.F. 7
" Universal A.C. & D.C. 5
Knobs 60, 92

L

Lead-in Strips 99
Lead-in Wire, Shielded 98
Lightning Arresters 99
Light Socket Antenna 96, 99
Line Filter 95, 66
" Voltage Controls 27, 87, 96
Lugs, Soldering 103

M

Machine Screws 103
Magnet Wire 98
Magnetic Speakers 17, 54
Meters 28, 29, 30, 31, 32, 33
" Output 32
" Panel Type 30, 31, 32
" Portable 30, 31
Shunts & Multipliers..... 30
" Tuning 30
Mica Condensers 77
Microphones 39, 40, 41, 42, 54, 60
Microphone Amplifiers 39
" Button 39
" Cables 40, 98
" Condenser Head 39
" Covers 41
" Granules (Carbon) 40, 98
" Hand 39, 40, 42, 54
" Lapel 39, 40
" Plug & Connectors 40
" Stands & Rings 41, 54
" Tone Control 40
" Transformers 25, 62
Midget Condensers 50, 88
" Radio Sets ..Inside Front Cover, 4, 5, Back Inside Cover
Modulated Oscillator 31, 32
Motors, Phonograph 24
Multi-plug 98

N

Nail-It Knobs 99
Neon Glow Lamps 27
Needles, Sapphire 26
Neutralizing Condensers 50, 88
" Tools 100
Noise Reducing Aerials 53, 95
Nuts & Bolts 103

O

Ohmmeters 28, 31
Ohm & Volt Meter 31, 33
Oscillators 31, 32, 55
Outlets, Convenience 94, 96
Oxide Rectifier 31

P

Pads 83
Panels, Bakelite 59
" Rubber 59
" Aluminum 59
Pendant Switches 104
Philco Replacements 71
Phone Caps 22
" Cords 22
" Diaphragms 22
" Head Bands 22
" Plugs 97
" Tips 101, 103
Phonograph Automatic Stop 26
" Combinations ..... Back Cover
" Console Electric 13, 14
" Coupling Transformer 25
" Heads 25
" Mixers 25
" Motors 24
" Needles 26
" Pickups ....24, 25, Back Cover
" Pickup Volume Control...58, 87
" Records 26
" Record Changers 26
" Recorders 26
" Scratch Filter 26
" Speed Changers 25
Photo Electric Relays 26
Pickup Coils 25
Pilot Light Bulbs 27
Plugs, Microphone 40
" Multi-connector 31, 93
" Phone 97
" Speaker 97
Portable Amplifiers 12, 13
" Cases 54
Power Packs 53, 61, 71, 74
" Transformers 57, 61, 63, 64, 66, 67, 69, 72
Public Address Systems.....12, 13, 15
" " Horns 16, 20
Pyrex Insulators 45

R

Raytheon Type Bulbs 27
Receivers, A.C.
Inside Front Cover, 4, 5, 54, Inside Back Cover
" Auto .....Inside Front Cover, 8
" Battery 23
" Crystal 23
" Short Wave.....23, 43, 44, 45, 46, 47, 48, 49, 51, 53, 55
" Universal A.C.—D.C.
Inside Front Cover, 4, 5, Inside Back Cover
Record Blanks 26
Rectifiers, Dry Disc 27
" Meter 31
" Tubes 27
Rejuvenator, Tube 55
Relays, A & B 94
" Photo Electric 26
" Speaker 21
Replacement Parts
Atwater Kent 71
Brunswick 74
Crosley 71, 72
Majestic 71
Miscellaneous 70
Philco 71
Resistors, Adjustable 82, 83
" Carbon 55, 80, 81, 82
" Coupling 61
" Edison Base 82
" Enameled Wire Wound...83, 85
" Metallized 81
" Multipliers 30
" Pigtail Resistors 55, 80
" "T," "L," & "U" Pads... 83
" Voltage Dividers 83
" Wire Wound 83
Rheostats 58

S

Sapphire Needles 26
Scratch Filter 26
Screen Grid Caps 59
Selectuner 96
Shielded Wire 98
Shields, Coils and Tubes 59
Shield Cans 59
Shielding, Copper 9
Short Wave Adapters 43
" " Coils 89
" " Converters 43
" " Receivers 23, 43, 44, 45, 46, 47, 48, 49, 51, 53, 55
Skindervicken Buttons 39
Sockets, 50 Watt 45
" Pilot Lights 94
" Tube 61, 93
" Strips 59
Solder 102
Soldering Irons 102
" Iron Controls 102
Spaghetti Tubing 98
Spark Plug Suppressors 9
Speaker, Auto Dynamics....18, 19, 20
" Cabinets 17, 22
" Cans 9
" Crystal 17
" Dynamic 16, 54
" Dynamic Chassis 16, 18, 19, 20, 53
" Dynamic Units 16, 20
" Field Coils 21
" Inductance Dynamic 17
" Magnetic 17, 54
" Midget, Magnetic & Dynamic 17, 53
" Permanent Magnet 18, 19
" Replacement Parts 21
" Trumpets 16, 20, 22
" Units 22
Speed Bug 52
" Controls 87
Staples 99
Springs, Antenna 99
" Microphone 41
Spreaders, Aerial 95
Stand-off Insulators 45, 99
Stick-tape Aerial 99
Strip-Socket 59
Suppressors, Spark Plug 9
" Generator 9
" Distributor 9
Switches, Anti-Capacity 97
" D.P.D.T. 97
" Jack 94
" Knife 104
" Power Control 61
" Push Button 94, 97
" Push Pull 97
" Rotary 97
" Short Wave 89, 93
" S.P.S.T. 97
" Toggle 97

T

Tape, Aerial 99
Telephone Sets 23, 42
Telegraph Sets 42, 52
Television & Scanner 43
Test Leads 101
Tect Connectors 100, 101
Testing Equipment
28, 29, 30, 31, 32, 33, 54
" Analyzers 28, 32, 33
" Meters 28, 29, 30, 31, 32, 33
" Oscillators 28, 31, 32
" Prods & Plugs 100, 101
" Tools 100
" Tube Testers...28, 31, 32, 33, 54
Tester Capacity 28
Tips, Soldering 101
Tone Control 87, 96
Transformers, Audio 53, 57, 61, 62, 63, 66, 68, 69, 71, 74
" Bell Ringing 105
" Class "A" 64
" Class "B" 64
" Filament 57, 62, 64, 65, 66
" Field 57, 69
" Input 57, 61, 63, 65, 68, 69
" Input Class "A"—Class "B" Prime 64
" Intermediate Super-het....51, 91
" Matching 64, 65
" Mixing 64
" Microphone 62
" Output 57, 61, 63, 65, 68, 69, 71
" Output Class "Z"—Class "B" Prime 64
" Phono Pickup Matching... 25
" Plate Supply 57, 62, 65
" Power 57, 61, 63, 64, 66, 67, 69, 72
" Replacement 70, 71, 73, 74
" Stepdown 68, 71
" Transmitting 66, 72
Transmitting Equipment 44, 45, 50, 51, 52, 66, 72, 83, 89
Transposition Blocks 95
Trumpets 16, 20, 22
Tube Checkers.....28, 31, 32, 33, 54
Tubes, Radio 10, 11, 27
" Transmitting 45
Tube Shields 59
Tubing, Bakelite 97
Tuners, Radio 7
Tungar Type Bulbs 27

U

Units, Speaker 22
" Public Address 12, 13, 15

V

Voltage Dividers 83
" " Replacement 86
" Regulators 87, 96
Volume Control Attenuators 83
Volume Controls 58, 60, 85, 87
Volume Control for Pickups....58, 87
" " Replacements 84, 85

W

Wavemeters 44, 45
Wave Traps 96
Wire, Aerial 99
" Fixture 98
" Heavy Duty 98
" Lead-in 98
" Magnet 98
" Push Back 98
" Shielded 98
Wireless Practice Set 42, 52
Wire Wound Resistors 82
Wrenches, Neutralizing 100

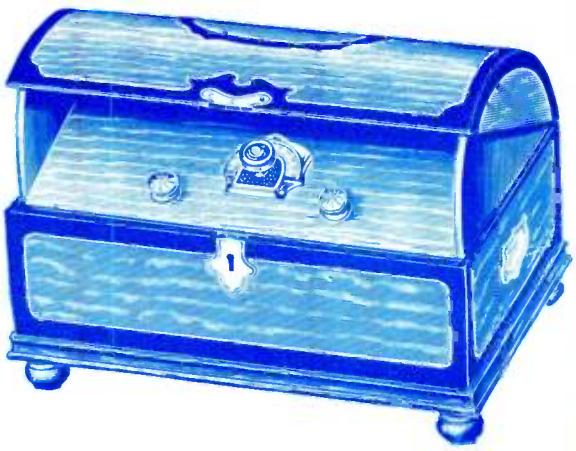
QUICK REFERENCE MANUFACTURERS' LIST

American 39
Arcturus 10
Audak 25
Beede 31
Bruno 39
Clarostat 87
Connecticut 42
Cunningham 10
Eby 93
Carter 58
Electrad 83, 84, 85
Electronic 9
Elkon 27
Emerson 9
Esico 102
Franklin 33
Gen Win 89, 90, 91
General Electric. Inside Front Cover
Hardwick Hindle 82
Hammarlund 50, 51
Hickok 31, 55
I. C. A. 34, 35, 96
Jensen 18
Jackson 102
Kenyon 64, 65, 67
Lynch 81, 95
Magnavox 19
Morrill 80
Packard 26
Pilot 60, 61
Philco 11, 70, 71
Philmore 23
R. C. A. 10, 17, 19
R. E. L. 45, 46
Readrite 28, 29, 30, 34
Rola 19
Sangamo 57
Sampson 54
Signal 52
Silver-Marshall 63
Simplex 15
Stancor 70
Stromberg-Carlson .... Back Cover
Sylvania 11
Thordarson 62, 63
Universal Mike 40, 53
Wego 78, 79
Wright de Coster 20
Yaxley 94

RADIO RECEIVERS

Powertone 5 Tube Treasure Chest Receiver

A handsome treasure chest model which is both a handsome piece of furniture and a high quality midget receiver. Beautifully designed cabinet—built by craftsmen—will satisfy the most critical person. Built with matched selected woods, finished in two toned mahogany, with an attractive scroll design which enhances the appearance. The cover can be lowered when the set is not in use, and the appearance is similar to a Music Chest: Amply sensitive and selective for all home uses. Employs latest 1933 tubes. T. R. F. circuit with special features found in no other receiver on the market. A large oversize power transformer and dynamic speaker supply ample power for all purposes. The set has been carefully designed and the speaker is placed to obtain the full benefit of the perfect tone chamber. A neat panel with single dial tuning control, graduated volume control and balanced tone control complete the assembly.



FEATURES:

Music Chest.
Beautiful cabinet design—harmonizes with any surroundings.
Deep resonant tone—secured by matched audio system.
Resonant sound chamber—as found in fine musical instruments.
Highly selective operation—cuts interferences to a minimum.

Uses latest tubes '58, '57, 2—'47, '80.
Designed for 110 volt 60 cycle A.C. operation.
Cat. No. P.T.R. 1960 Complete with Tubes. Our Price **$11.50**

DE LUXE MIDGET RECEIVERS

Made by producers of fine console and midget receivers. Why not buy a guaranteed item—widely known for their superior performance and brilliant tone quality. Small in size yet the performance is equal to large cabinet models. All circuits have been carefully designed and balanced to give stable operation anywhere. Employs the latest high efficiency tubes throughout. Each part has been selected to give long, trouble-free service.

DeLuxe Four Tube Midget Receiver

A popular priced receiver which answers all requirements of the average home. Mounted in a neat two-toned, walnut finished cabinet, with illuminated tuning dial. Contains the latest improvements throughout. Well built of long life precision parts. A marvelous performer—we guarantee long distance reception under favorable conditions. Employs 1—'58, 1—'57, 1—'47, 1—'80. Fine quality is secured by the use of the 247 power pentode and an accurately matched 6" dynamic speaker. A red-hot item for the service man. Keep one on hand to use for demonstration.

Cat. No. TR-1961.
Price, less tubes..... **$7.50**

Set of R.C.A. Licensed Tubes $1.75

Powertone Universal A.C.-D.C. and Battery Operated Midget Receiver Kit

At last the ultimate in small receivers has been produced. Now you can purchase one small compact receiver that will operate anywhere! Designed for operation on 110 volts A.C. or D.C. any frequency. Also can be supplied by any six volt storage battery and 100 volts of "B" battery. Beautiful tone quality is achieved by the use of a high output pentode tube and a matched speaker which makes full use of the cabinet as a baffle. Enclosed in a handsome hand-rubbed, walnut finished cabinet, which harmonizes with any surroundings.

Features

- ★ Improved circuit design—insures sensitive and selective operation.
- ★ Operates on local stations without any aerial.
- ★ Long distance reception is a reality on a short aerial.
- ★ Beautiful tone quality achieved by matched speaker and large power tube.
- ★ Supplies plenty of volume for the average home.
- ★ Ideal for a personal radio—place in your bedroom.

Cat. No. PTU-1964
Kit of Parts, less tubes..... **$6.95**
Set of R.C.A. Licensed Tubes $1.75

DeLuxe Five Tube Midget Receiver

Wherever quality small receivers are used the five tube design is accepted as standard. The engineers have carried this popular design to a new peak of perfection. A newly designed receiver from top to bottom. Ultra selective T.R.F. design provides plenty of sensitivity without side band cutting. Extremely sharp tuning cuts interference to a minimum—brings in that hard to get distant station. Latest tubes used throughout—2—'58, 1—'57, 1—'47, 1—'80. The matched 5" dynamic speaker handles full volumes without distortion. Service men will do well to push this item to their exacting trade. Finished in handsome two-toned walnut cabinet, complete with illuminated tuning dial.

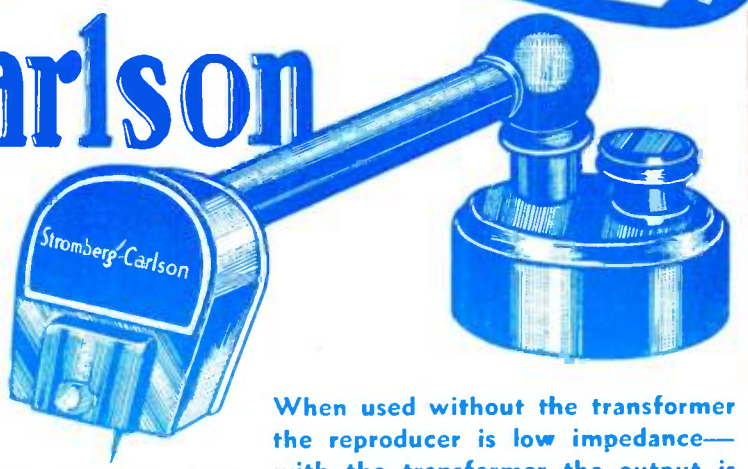
Cat. No. TR-1962.
Price, less tubes..... **$10.95**

Set of R.C.A. Licensed Tubes $1.90

Prompt Service - Shipments within 24 Hours

PRICE SLASHED!

Stromberg-Carlson



MAGNETIC PHONOGRAPH PICKUP OUTFIT

A remarkable value. The product of one of the oldest manufacturers of sound reproduction, transmission and telephone equipment. Ask any engineer! Stromberg-Carlson equipment is used in every country throughout the civilized world, in laboratories, broadcast stations, and telephone exchanges. Specified for use by exacting engineers whose standards are the highest, to whom price is a secondary consideration.

This pickup embodies twenty years of experience in electrical design, assuring the utmost in value. True tone is assured; at the same time volume has not been sacrificed, and the unit gives ample output when used with any good receiver to reproduce at a volume level equivalent to any good broadcasting station. At the price which we are selling this reproducer it represents a value beyond any on the competitive market, one which you cannot afford to miss.

When used without the transformer the reproducer is low impedance—with the transformer the output is high impedance. Thus it can be used with any radio set or amplifier on the market.

COMPLETE $5.50 LIST PRICE $7.50

Head Perfectly balanced. Uses finest Swedish steel magnet assuring a high magnetic field strength, which remains constant. Unlike many pickups the head will not become demagnetized and useless after a short length of time. The armature is delicately balanced to respond to the slightest vibration, yet is protected from the annoying chattering present in many pickups on loud passages. Damping is technically correct to assure realism, and yet does not absorb the high frequencies. Magnetic coil structure is of special design, assuring a high inductance with a minimum of distributed capacity. Output impedance approximately 200 ohms at 1000 cycles. May be detached from tone arm by loosening one screw.

Tone Arm Fool-proof in construction with oversize bearings, assuring accuracy of alignment even after long use, and freedom from record wear and distortion. Head is balanced by a built in spring thus assuring exactly the proper weight on the record at all times. Exceedingly compact, can be mounted in small space. Especially suited to the conversion of small portable phonographs and consoles in which the ordinary pickup cannot be mounted without excessive changes.
A matched volume control is mounted in the assembly, producing ease of adjustment from a whisper to full volume.

Matching Transformer Designed to couple the pickup directly to any radio receiver. Secondary impedance matches the input circuit of any vacuum tube with good frequency response. Core is of high grade special alloy, giving even response. Encased in a crackle steel can, compound filled, it is thus protected from climatic changes.

Insulated Cord 20 feet of the highest quality cord with heavy duty insulation to prevent damage.

Stromberg-Carlson Pick-Up and Motor

Powertone Portable Stromberg-Carlson Pickup Combination

A handsome and serviceable combination for reproducing phonograph records with minimum effort and maximum efficiency. Self contained in a strong, attractive, leatherette carrying case with the famous Prime Electric Phonograph motor. The STROMBERG-CARLSON PICKUP, which has a built-in volume control, is responsible for the excellent reproduction.
Extreme volume with minimum needle scratch is made possible by the carefully engineered phonograph pickup. Two leads emerge from the side of the case, one connects to the A.C. line and the other to the amplifier or radio set. If no phonograph attachment is provided on your receiver specify type of detector tube and we will supply adapter.
Strong artistic carrying handles. An ideal combination for every use.
For 110 volts, 60 cycle A.C. Shipping weight, 12 lbs.
Dimensions: 16¾ inches long, 12 inches wide, and 7¾ inches high. For 78 R.P.M.
Cat. No. 7005. Our Price **$14.75**
The same case, equipped with a Green Flyer two-speed Motor (33-1/3 R.P.M. and 78 R.P.M.) to play both the old and new type records
Cat. No. 7006 ..... **$18.75**

Stromberg-Carlson Treasure Chest Pickup and Turntable Combination

For 50-60 Cycle A.C. 110 Volts

A beautiful Treasure Chest Combination that answers all phono pickup requirements. It is especially suitable for use in the home because of the beautiful two toned walnut veneered cabinet.
The pickup employed is a Genuine Stromberg Carlson, which reproduces clearly and without the usual pickup background noises. The volume control is built into the base of the pickup.
The motor is of the self-starting type, which will start immediately and attain full speed instantly. A speed control is mounted on the panel.
The Stromberg Carlson Combination can be attached to any amplifier or radio set. If no provision is made on the receiver for the attachment of the pickup, an adapter (which is shipped with the combination) is placed beneath the detector tube, and the two leads from the adapter connected to the phonograph pickup. It is important that you state the type of detector tube when ordering this combination.
Cat. No. 5414. (78 R.P.M. Motor.) Our Price **$14.95**

TWO SPEED COMBINATION
Contains a 33⅓ and a 78 R.P.M. Green Flyer Phonograph Motor. **Cat. No. 5414-G.** Our Price **$19.95**

USE ON D.C. MODEL FOR 110 VOLTS D.C.
Contains an M & P D.C. Phonograph Motor
Cat. No. 5414-M. Our Price **$16.95**

TRY-MO RADIO CO. INC. 85 Cortlandt St. New York