

Graymore Radio Corp.

**Lowest -
Prices**

**Highest -
Discounts**

**Best - -
Merchandise**

**Quickest -
Service**



We GUARANTEE

To save you money
To satisfy you perfectly
To deliver all merchandise safely.

We Guarantee that every article in this catalog is honestly described and illustrated.

We Guarantee that any article purchased from us will give you the service you have a right to expect.

If for any reason whatever you are not satisfied with any article purchased from us, we want you to return it to us.

We will then exchange it for exactly what you want, or will return your money.

**Dealer's Catalog
No 327**

My Personal Pledge



Being fully aware that the splendid success of the Graymore Radio Corporation is due to the friendship of our thousands of dealers, I wish to express my thanks and again give my personal guarantee that every dealer who deals with Graymore Radio Corporation will receive only the best of goods at lowest prices. Our liberal policies and principles of friendly dealing are attracting thousands to our house. I pledge you satisfaction whether your order amounts to one dollar or a thousand dollars.

Walter B. Spiegel

President

**Standard
Merchandise
Only**

**24
hour
shipping
service**

**service
to dealers
only**

**complete
stocks**

**3% Cash
Discount
with order**

**Satisfaction
Guaranteed**

It's Your
Protection
OUR Square Deal POLICY

Quality

We Guarantee every article we sell to be of Dependable Quality, the kind of merchandise that will give you the service you have a right to expect.

Saving

We Guarantee that you will Save Money on everything you buy from Graymore Radio Corp., that, quality considered, our prices are always money-saving prices.

Truth

We Guarantee every article in this catalogue to be exactly as pictured and described.

Prompt Delivery

We Guarantee that everything you order from us will be shipped promptly and delivered in good condition.

Standard Radio Equipment

Our Standard Radio Products, manufactured by reliable concerns, are always dependable. The maker's name, stamped on each piece, indicates his faith in the service ability of his product.

*A Square Deal All Year Round
Service When You Need It Most*



IMPORTANT INFORMATION

Parcel Post Schedule

EXAMPLE

In ordering you will have to estimate the weight of the shipment approximately. Be sure to send enough to cover postage. In case of doubt send more than your estimate. If you have sent more than is necessary we will refund the excess amount to you at the time that we send you our acknowledgement of your order.

If you live in the 2nd zone and order merchandise weighing 10 pounds, the parcel post charge is 7c for the first pound and 1c for each of the nine additional pounds (9), making a total of 16c.

For insurance add five cents to insure a package under \$25. Ten cents on package over \$25.

How Far Do You Live From New York City? What Will Package Weigh?	ZONE 1 Not over 50 mi From N. Y. C.	ZONE 2 Not over 150 mi From N. Y. C.	ZONE 3 Not over 300 mi From N. Y. C.	ZONE 4 Not over 600 mi From N. Y. C.	ZONE 5 Not over 1000 mi From N. Y. C.	ZONE 6 Not over 1400 mi From N. Y. C.	ZONE 7 Not over 1800 mi From N. Y. C.	ZONE 8 Over 1800 mi From N. Y. C.
For Weights Up to 1 Pound The Postage Is	7c	7c	8c	9c	10c	11c	13c	14c
For Each Additional Pound or Fraction of a Pound Add	1c	1c	2c	4c	6c	8c	10c	12c

How to Order

ORDERS

When ordering always use our own order blanks or your business stationery. Always give name of article and manufacturer of same.

PRICES

Prices are always subject to change without notice. Prices as listed are based on the manufacturers' latest quotations. Orders will be filled at latest prevailing prices at time of shipment. All quotations are F.O.B. warehouse.

TERMS

Our terms are cash. Money order or check may be sent with your order or we will ship C. O. D. When cash or check accompanies order a discount of 3% may be deducted from the total order.

HOW TO SEND MONEY

We will accept Postal or Express Money Orders, Personal Checks, or Cashier's Checks.

SUBSTITUTIONS

We make no substitution unless specified on order. When we are out of any item and cannot make delivery within five days, we will notify you and send you a credit memo or our check.

ROUTING SHIPMENTS

Specific Shipping instructions should be given with all orders, otherwise we will use our own judgment in selecting route.

DAMAGE AND LOSS IN TRANSIT

We are not responsible for any loss, breakage or damage to Shipment sustained in transit. When the transportation company gives us its good condition receipt our responsibility for the shipment ceases. If shipment is not delivered to you in good order and in accordance with quantity shown on Bill-of-Lading, have the shortage or damage noted by Freight Agent on both receipt and expense bill. If you accept shipment without having proper notations made by Station Agent, you do so at your own risk. If bundles or crates are in apparent good order, but on opening contents are found to be damaged, call freight agent or adjuster to view same and have him mark freight bill relative to such concealed damage.

Make Your Claim Promptly, for the transportation Company will not consider a claim unless presented within Six Months from date of shipment.

We are willing to assist you in collecting claims for loss or damage on shipments but this willingness on our part does not make us responsible for collection of claims or replacement of material.

WE DO NOT GUARANTEE SAFE DELIVERY

SHORTAGES

All goods are double checked in order to avoid errors and shortages. Claims for shortages must be made to us within 3 days after receipt of goods.

RETURNS—RADIO MATERIAL CANNOT BE RETURNED FOR CREDIT

We guarantee all Radio Material to be free from electrical and mechanical defects. Defective Material will be repaired or replaced at our option. Returned goods will not be accepted by us unless permission is first obtained from us. We always aim to serve our customers to the best of our ability.

Service, dependability, and the quality of merchandise offered to our many customers, have built our reputation and have been the basis for our growing business all these years.

MATERIAL NOT LISTED

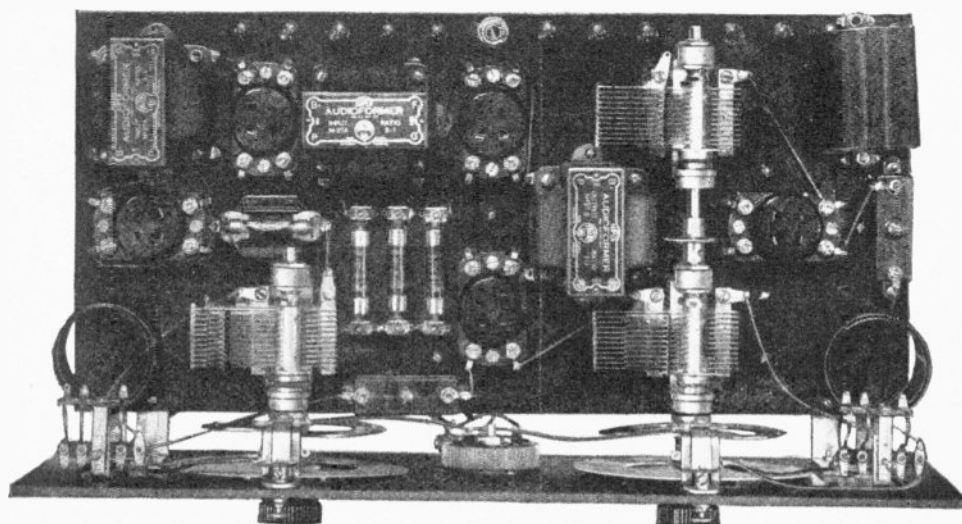
We can furnish you with any standard Radio Sets, parts or Speakers, and if you do not find what you want listed in this catalogue, send us your order and it will be promptly filled.

VACUUM TUBES

All vacuum tubes sold by us are tested on a special instrument before shipping. This instrument will immediately detect any defect. Tubes are packed with special care and we WILL NOT BE RESPONSIBLE FOR DAMAGE IN TRANSIT. Parcel Post does not guarantee safe delivery of tubes. When tubes shipped by express are damaged in transit the consignee must make claim for such damage. Any tubes which light but fail to operate will be replaced by us in accordance with the manufacturer's guarantee, if returned to us in the original package.



THE LOFTIN—WHITE



"Constant Coupling" Receiver

DURING the past two years a great deal has been said about faithful reproduction of sounds. This was because audio transformers discriminated against certain audio frequencies. They reproduced the high notes well but repeated the low notes poorly if at all. At the same time the radio frequency transformers ahead of the detector were inclined to favor certain radio frequencies. They received some radio frequencies well but received others poorly. Messrs. Loftin and White therefore set about designing a set which would reproduce all frequencies, both radio and audio equally well. The result is the Loftin-White "Constant Coupling" receiver.

To accomplish the reception of all radio frequencies equally well, it was necessary for them to develop an entirely new method of coupling the radio frequency transformer primaries to their secondaries. This they accomplished by combining the best characteristics of the ordinary inductive coupling with the best characteristics of capacitive coupling. Each of these types of coupling was used when it was the most efficient and as the efficiency of one decreased the other type was brought into play.

The problem of feed back or regeneration still remained, however, but was finally overcome by the use of a phasing condenser in the plate circuit of the radio frequency tubes which served to throw this feed back energy out of phase with the incoming signal and thereby nullify it.

The result of this new use of tuning elements was a radio frequency receiver that displayed extremely high efficiency over the entire broadcast wave band and was equally sensitive to all frequencies.

Having accomplished this part of their work it was only necessary to back up their radio frequency transformers with audio amplification that did not discriminate between audible sounds. Picking the best of many good ones they then assembled a receiving set that had the following advantages.

- (1) It received all stations, either short or long wave, equally well in proportion to their signal strength and not in proportion to the wave lengths.
- (2) Eliminated feed back and so prevented distortion from this cause.
- (3) Reproduced all audio frequencies equally well.
- (4) It had only two controls.
- (5) Gave the greatest dial separation between stations.

By using apparatus of known and proven efficiency, simplifying the construction to the greatest possible degree, and carefully determining the exact placement of parts, Messrs. Loftin and White were able to make it possible for every amateur set builder to duplicate their remarkable results in his own home. To do this, however, the constructor must follow the directions placing the apparatus exactly as it is shown and wire it according to the directions. If this is done carefully, success is assured.

The following parts have been found best adapted for use in the Loftin-White receiver and the panel drilling layout in the Foundation Unit is designed for these parts.

1—Set LW3 Loftin-White Coils	\$10.00
3—ML23 .0005 mfd. Midline Condensers	15.00
2—No. 27A Input Superaudio Transformers	15.00
1—No. 27B Output	7.50
1—No. 90B Rheostat, 10 ohm .....	.75
5—No. 83 Cushion Sockets	3.25
2—No. 220 Illuminated Dials, Insulated type 0-100	7.00
1—Durham Resistor, 2 meg. ....	.50
1—Interstage Jack Union, Type No. 704 .....	.75
1—Midget Battery Switch No. 10 .....	.50
1—Special Condenser Kit, consisting of	
1—.00025 mfd., 1—.001 mfd., 1—.004 mfd.	
2—.004 mfd. tested to within 5%	3.50
2—G-5 Variodensers	3.00
2—Amperites No. 1A	2.20
1—Amperite No. 112	1.10
12—Binding Posts Ant.	1.80
Drilled and engraved front panel	3.25
Drilled sub panel	4.00
1—Loftin-White Foundation Unit, containing: 2 Special	
Loftin-White Choke Coils, 2 Mounting Brackets,	
1 Condenser Coupling, 1 Coil Wire, 1 Pillar Post,	
1 pkg. Screws and Nuts, 1 pkg. Soldering Lugs,	
1 Panel Drilling Layout, 1 Instruction Pamphlet ..	6.00

Total Price of Kit (Subject to Change) **\$85.10**



We are the Official Headquarters for Hammarlund-Roberts

Hammarlund ROBERTS Hi-Q

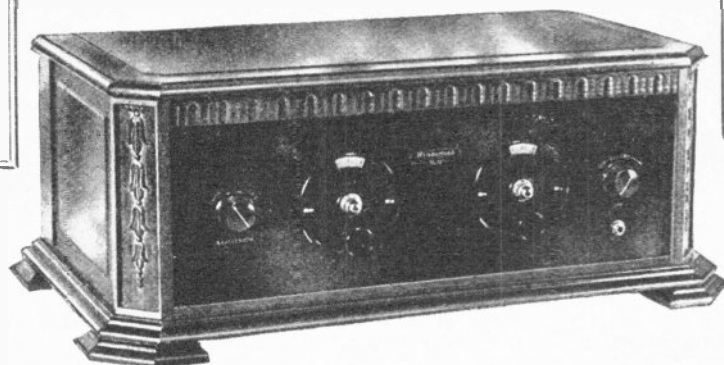
It Is

Shielded
Super Selective
Non-Oscillating
Efficient
Guaranteed to Work

"How to Build It" Book

Complete instructions for assembling, wiring, and operating the Hammarlund-Roberts Hi-Q Receiver. Prepared under the direction of the Engineer-designers.

25c



In addition to the service guarantee of the Graymore Radio Corporation this Hammarlund-Roberts is backed by the reputation and guarantee of ten leading radio manufacturers.

PARTS LIST FOR THE NEW HAMMARLUND-ROBERTS HI-Q RECEIVER

SEASON 1926-1927

8—17-pl. 00035 mfd. Hammarlund Midline Condensers..@	\$ 4.75	\$14.25
8—Hammarlund Auto-Couple Coils (set of 3 coils).....@	10.00	10.00
1—9-pl. 32 mmfd. Hammarlund Jr. Condenser.....@	1.80	1.80
1—Foundation Unit.....@	10.50	10.50
2—Audio Transformers, type HW-A3 (3-1 ratio).....@	5.00	10.00
2—No. 192 Vernier Dials.....@	2.50	5.00
2—No. 1-A Amperite.....@	1.10	2.20
1—No. 112 Amperite.....@	1.10	1.10
8—No. 9040 Sockets (with bases) .....	.75	2.25
2—No. 9049 Sockets (without bases) .....	.50	1.00
1—2 meg. Metallized Resistor @	.50	.50
10—Engraved binding posts...@	.16	1.50
1—.00025 mfd. Fixed Condenser .....	.40	.40
1—.001 mfd. Fixed Condenser @	.50	.50
1—pr. Grid-Leak clips.....@	.10	.10
1—No. M-10-B Combined Rheostat and Filament Switch (10 ohms).....@	1.00	1.00
1—No. 1 "Short" Jack.....@	.25	.25
1—No. 12 "Imp" Aerial Switch .....	.70	.70

\$63.05

Note—Foundation Unit contains all special parts required to complete the Hammarlund-Roberts Hi-Q receiver and includes drilled and engraved Westinghouse Micarta panel, drilled Westinghouse Micarta sub-panel, two complete shields, extension shaft, two equalizers, fixed resistance, screws, nuts, wire, etc.....\$10.50

Special Hi-Q Cabinet.....\$19.50

You Can Build the Hammarlund-Roberts Yourself

Anyone can build the Hammarlund-Roberts Hi-Q. All the research, the selection of parts, the exact placing of units, has been worked out in advance for you. And you have a receiver that will equal an eight-tube set—simplicity of design and operation hitherto unthought of—all at less than half the price you would pay for a factory made set of anywhere near equal efficiency.

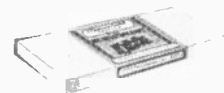
Now you may build a modern radio receiver with the guesswork left out—but you will incorporate the latest scientific findings of America's leading radio engineers.

The new Hammarlund-Roberts Hi-Q is not just another new-fangled hook-up. It is radio at its best. It was conceived in the laboratories of ten leading manufacturers with the result that you now may have without experimenting—the following salient radio features:

A non-oscillating receiver—dual tuning — stage-shielding — automatic coupling variation,—highest detection efficiency, unusually high power output.

The new Hi-Q receiver will produce maximum selectivity — purer, clear tones—with the most simple tuning.

Hi-Q FOUNDATION UNIT

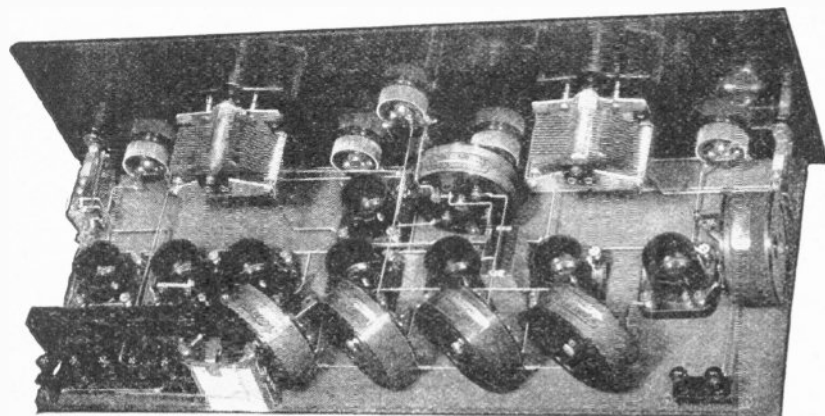


Here is the heart of the Hi-Q Receiver. Contains drilled and engraved Micarta panel-drilled Micarta sub-panel — two complete shields—hardware, wire, nuts and screws.

Price\$10.50

All guess is eliminated—no bother —no fuss. Just follow directions and assemble this most remarkable receiver.

Victoreen Super-Transformers



THE Victoreen Master Control Unit may be used in the Standard layout, (on left) which requires a 7x24 Panel. Without any changes in Wiring—installation requires but a few minutes work and may be done by the novice without fear of difficulty in assembly.

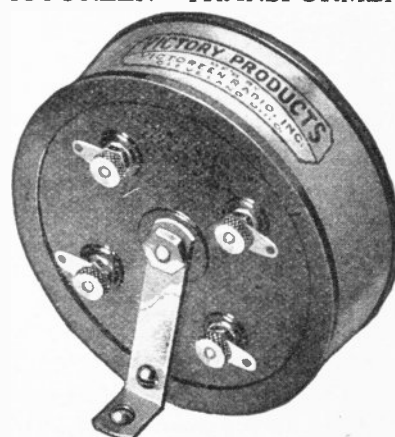
"VICTOREEN" SUPER-TRANSFORMERS REMAIN SOLD, Because — There is no grief connected with the completed set. Atmospheric conditions do not affect the operation. Either dry cell or storage battery tubes may be used. Simplified wiring hook-ups insure ease of assembly.

Each transformer is "TUNED," not merely matched, to a guaranteed precision of within $\frac{1}{3}$ of 1%, both for wave length and amplification constant.

Clarity — Selectivity — Range — Volume — Simplicity

"VICTOREEN" TRANSFORMER

1 Victoreen Antenna Coupler	\$3.50
4 Victoreen R.F. Transformers No. 170.....	28.00
1 Victoreen Oscillator	5.50
2 Precise .0005 Mfd. Condensers.....	7.00
8 Benjamin UX Sockets	6.00
2 Thoardson R200 Transformers.....	16.00
1 Yaxley Single Circuit Fil Control Jack.....	.70
1 Yaxley Filament Switch.....	.50
2 Yaxley Double Circuit Jacks.....	1.60
1 Yaxley 400-Ohm Potentiometer.....	1.75
2 Yaxley 30-Ohm Rheostat	2.70
2 Yaxley 60-Ohm Rheostat	2.70
2 Marco Dials	5.00
2 Sangamo .00025 Grid Condensers.....	1.00
2 Daven 2 Meg. Grid Leaks.....	1.00
1 Sangamo .001 Condenser .....	.40
1 Tobe 1 Mfd. By-Pass Condenser.....	.90
25 Feet Hook-Up Wire .....	.35
1 Set of Blue Prints Free.....	
Complete Set of Parts.....Total	\$84.60



No. 170 or 171—R. F. Transformer	\$7.00
No. 160—Antenna Coupler.....	3.50
No. 150—Coupling Unit ...	5.50



Build The New Official BROWNING-DRAKE KIT-SET

BROWNING-DRAKE fans all over the world will be much interested in the announcement that this company is now manufacturing, for the first time, a kit for home construction. The well-known Browning-Drake coils will be mounted on new type National Equitone condensers, operated by illuminated dials. Instructions will accompany each kit, which will be sold as a unit.



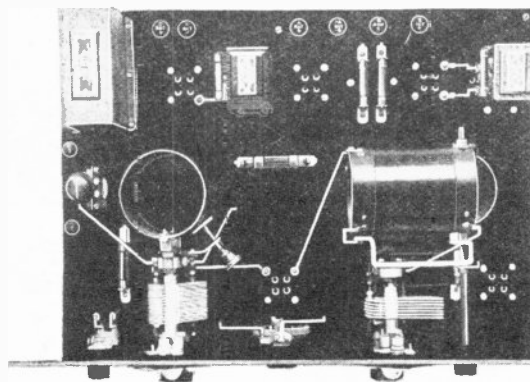
SPECIFICATIONS

Antenna System—One Browning-Drake space wound antenna coil mounted on .0005 National Equitone condenser, with velvet Vernier illuminated dial.

Regenaformer System—One Browning-Drake transformer; slot wound primary, space wound secondary, mounted on one .00025 National Equitone condenser with velvet Vernier illuminated dial. Complete with instructions.

List Price\$25.00

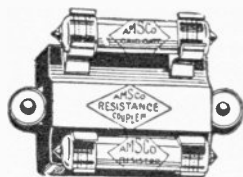
View of the New Assembly, the Most Efficient Browning-Drake Yet Constructed.



THE popularity of the Browning-Drake is now world-wide. It is being built by fans in Australia and Alaska, in England and in California, and has been published in many tongues in many lands. So many variations of design have been made that it has seemed advisable to mark as "official" a new design by G. H. Browning and Dr. F. H. Drake, and at the same time to make all of the necessary parts available through co-operation with associated manufacturers. This new design, more selective and even more sensitive than previous models, is now ready.

1 Browning-Drake Kit, instruction contained (Browning-Drake Corp.)	\$25.00
1 Foundation Unit, consisting essentially of micarta front and base panels, drilled and engraved, with sockets, resistor clips and soldering lugs (Browning-Drake Corp.)	15.00
1 National Impedaformer (1st stage)	5.50
1 National Impedaformer (3rd stage only)	5.50
1 1-Tube Condenser, special type .....	.60
3.001 Tinytobe Fixed Condensers	1.20
1.00007 Tinytobe Fixed Grid Condensers .....	.40
1 Yaxley Filament Switch .....	.50
1 Yaxley 30-Ohm Rheostat	1.35
8 Eby Binding Posts (Ant. Gnd., A+, (A-B-), B+, Det., B+ Amp., (C+ C-))	1.20
1 Precise Midget .0001 Variable Condenser	1.75
1 Browning-Drake 33-Ohm Resistance Cartridge .....	.75
3 Resistance (one .1 meg., 1/4 meg., one .8 meg.)	1.50
1 Browning-Drake Balancing or Neutralizing Device	1.00
1 Amperite (type 5-A)	1.10
2 Yaxley Pup Jacks No. 416 .....	.30

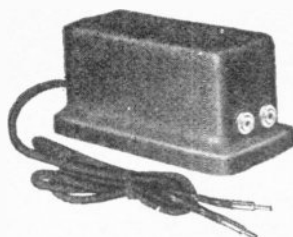
Complete Set of Parts Total.....\$62.65



AMSCO RESISTANCE COUPLERS

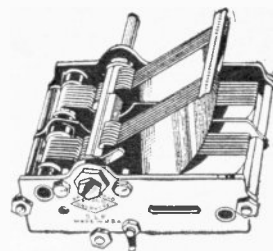
The resistance coupler is a cartridge clip for mounting the coupling resistances. The Isolating Condenser is inserted in the bottom of the base, which is of moulded Bakelite. This coupler may be used in (1) Resistance Coupled Audio Frequency Amplification, (2) Resistance Coupled Radio Frequency Amplification, where it is particularly efficient in long wave amplifiers, such as employed for intermediate frequency amplification in superheterodynes. For this second purpose we supply 2 megohm Grid Gates and .00025 mfd. isolating condensers for all stages.

The AMSCO ORTHOPHONE



Here's something that no radio owner has, and that every radio owner needs! Every buyer of a power tube is told by the R. C. A. or Cunningham that the loud speaker should never be connected directly in the circuit. But, until now no instrument has ever been provided to comply with this warning. Now comes The Amsco Orthophone—the accessory that sells itself!

Price\$6.00



AMSCO ALLOCATING CONDENSERS

STRAIGHT FREQUENCY LINE

A variable condenser with plates so designed that the resonant or tuned frequency of the circuit will be raised or lowered the same amount for each dial division. In other words, radio stations which are allocated at ten kilocycle intervals, will be spaced equally over the entire tuning range—no crowding at long or short waves. Grounded rotor, aluminum outer frames, stop studs at zero and full scale positions, flexible pigtail connection and rotor shaft of chromium nickel needle steel make this a highly efficient and desirable low loss instrument.

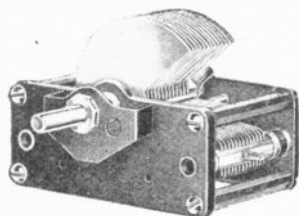
SINGLE UNITS

No. 1211—11 plates, capacity .00025 mfd.	\$2.75
No. 1213—13 plates, capacity .0003 mfd.	2.75
No. 1217—17 plates, capacity .00035 mfd.	3.00
No. 1223—23 plates, capacity .0005 mfd.	3.50
Standard Package 25 Units.	

SIAMESE UNITS

Designed especially for use in single control receivers where tandem straight frequency line condensers must be employed.

No. 1222—11 plates each, capacity .00025 mfd. each	\$5.50
No. 1226—13 plates each, capacity .0003 mfd. each	5.50
No. 1234—17 plates each, capacity .00035 mfd. each	6.00
No. 1246—23 plates each, capacity .0005 mfd. each	7.00
Standard Package 25 Units.	



STRAIGHT TUNING LINE

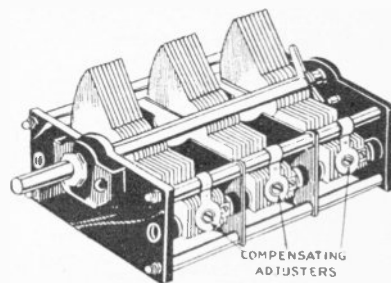
A specially designed modified frequency condenser which allocates the stations on the dial in equal wave length divisions. This facilitates tuning according to the wave lengths specified for the various stations in the daily program. Rugged construction, common stators, insulated rotors, perfect bearings and AMSCO workmanship combine to make this a scientific instrument, electrically shielded.—Single hole mounting.

SINGLE UNITS

No. 514—14 plates, capacity .00025 mfd.	\$3.00
No. 516—16 plates, capacity .0003 mfd.	3.00
No. 518—18 plates, capacity .00035 mfd.	3.25
No. 520—20 plates, capacity .0005 mfd.	3.75
Standard Package 25 Units.	

SIAMESE UNITS

No. 1014—14 plates each, capacity .00025 mfd.	\$6.00
No. 1016—16 plates each, capacity .0003 mfd.	6.00
No. 1018—18 plates each, capacity .00035 mfd.	6.50
No. 1020—20 plates each, capacity .0005 mfd.	7.50
Standard Package 25 Units.	



TRIPLE UNITS

This triple condenser is also of the straight tuning line type and is so designed that it makes single control receivers practical. Each section has a variable compensating condenser, the capacity of which can be adjusted to balance capacity discrepancies in the circuit. The individual condensers of each gang are matched to within 1 per cent at maximum capacity values.

No. 1514—14 plates each, capacity .00025 mfd.	\$12.00
No. 1516—16 plates each, capacity .0003 mfd.	12.00
No. 1518—18 plates each, capacity .00035 mfd.	13.00
No. 1526—26 plates each, capacity .0005 mfd.	15.00
Standard Package 10 Units.	

WE CARRY A COMPLETE LINE OF AMSCO PRODUCTS

630 Silver Shielded Six

The Silver Shielded Six is one of the highest types of broadcast receivers ever developed, and is the result of painstaking engineering work over a period of years. The circuit employed consists of three stages of tuned radio frequency amplification, a detector and two stages of audio amplification.

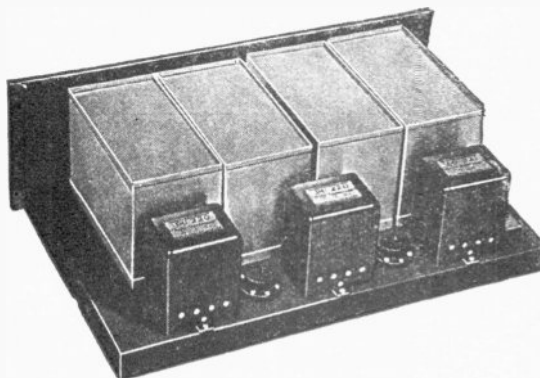
The radio frequency amplifiers are regenerated by an arrangement new in amplifier design which causes them to function at practically peak efficiency over the entire broadcast wavelength range. Each stage, including the detector circuits, is completely shielded in individual aluminum stage shields, which prevent internal oscillation as well as pickup of outside noise and interference. These stage shields, together with the audio amplifiers, are mounted upon a heavy pressed steel chassis which renders the entire assembly a very rigid and rugged affair.

All coils and condensers are matched with the greatest care, so that in every Type 630 kit each condenser exactly fits each coil. Despite the remarkable production uniformity obtained in the Silver Marshall factory, every coil and condenser for a 630 kit is sent thru a number of additional laboratory tests to insure beyond the shadow of a doubt absolute uniformity.

This care is taken since but two controls are used—one for the antenna stage and one for the second, third and detector stages. Yet the gauging is so positive, the matching so accurate that no balancing or compensation is required. In assembly, the linking motion is merely fastened to the three condenser shafts with the condensers turned to their stops. No fussy or tricky adjustments are used. The operation is simple, positive, sure. And it lasts forever due to the permanency of matching of the coils and condensers.

Thus the Shielded Six is a true two control receiver absolutely without balancers, clean-up adjustments and compensators—which are really extra controls.

The entire assembly is metal thruout, with the exception of the bakelite insulation on the instruments. A steel chassis 19½" long and 12" deep carries all instruments and the connection terminal strip. The radio frequency circuits are all shielded separately with removable stage shields, only the audio amplifier being unshielded (the transformers themselves are shielded by their cases). The front panel is of bronze 7" x 21", finished in walnut with a marvelously true wood grain.



The filament adjustment of all tubes is controlled automatically, and is non-critical. A six volt battery supplying the six storage battery tubes will give ample service for long periods of time without charging.

The assembly is remarkably simple. All metal parts are pierced for the different instruments. Thus they need not be fastened in their positions using screws and nuts furnished, and a screw-driver. It is practically impossible to go wrong, for the parts will mount in only one way. Wiring may be done without soldering if desired, using flexible hook-up wire.

In operation, the Shielded Six will give ample volume from local stations with an antenna three to four feet long in many cases. During the summer months in Chicago WOC, Davenport, is tuned in in daylight with a ten foot antenna. Normally, a twenty to thirty foot antenna will give plenty of volume on stations up to one to two thousand miles distant.

Complete detailed instructions and photos accompany each kit.

Complete Parts for 6-Tube Shielded Set \$95.00

Complete Specified Parts All Obtainable From Us.

No. 630 SILVER SHIELDED SIX KIT
LIST PRICE, \$95.00

4-631 stage shields.....	\$2.00	\$6.00
2-316A condensers	4.50	9.00
2-316B condensers—long shaft....	4.50	9.00
4-515 coil sockets.....	1.00	4.00
2-801 dials	2.50	5.00
3-115A coils	2.50	7.50
1-116A Coil	2.50	2.50
6-511 tube sockets .....	.50	3.00
1-275 choke .....	.60	.60
2-220 transformers	6.00	12.00
1-221 transformer	6.00	6.00
1-.002 condenser .....	.40	.40
4-1 mf. condenser .....	.90	3.60
1-632 link motion.....	2.50	2.50
2-Yaxley tip jacks.....	.30	.60
1-Terminal strip with terminals..	1.00	1.00
1-Crowe Metal Panel, pierced....	6.00	6.00
1-Steel base, pierced.....	3.00	3.00
1-Yaxley No. 10 switch.....	.50	.50
1-Carter 25,000 Ohm.....	2.25	2.25
1-Yaxley .5 ohm resistor.....	.25	.25
1-Coil hook-up wire.....	.25	.25
1-Assortment misc. parts.....	1.00	1.00
1-Booklet .....	.10	.10
Special measuring and matching fee		6.95

TOTAL.....\$95.00

The individual parts you may purchase separately in the regular fashion but they would not be measured or matched for operation together and the results obtainable from the Shielded Six are dependent upon the accurate balancing of the parts done in Silver Marshall laboratory before shipment.

Type 633 Silver Shielded Six Essential Kit

The 633 kit contains four matched condensers, four matched radio frequency transformers, four coil sockets, four stage shields, a link motion and an instruction booklet. The same high standard of matching of coils and condensers is evident as in the 635 kit.

PRICE \$45.00

Silver—Marshall Short Wave Kit

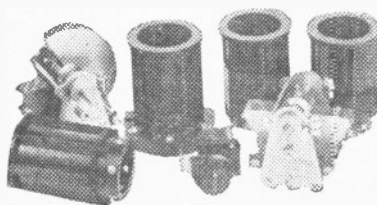
This is the Short Wave Receiver carried by Commander Dyott on the Roosevelt Memorial Expedition to the Brazilian Wilderness.

The Type 635 Short Wave Receiver Kit contains the carefully designed and matched essentials for constructing a receiver with a wavelength range of 18 to 150 meters, and a practically unlimited distance range.

In addition to a set of Type 117 plug-in coils, the kit includes a 515 coil socket, 340 antenna coupling condensers and a pair of 317 tuning condensers. These parts are all carefully designed for operation together, and using them a most excellent short wave receiver may be built.

Using the four coils supplied, the various amateur transmitting bands fall

well to the center of the tuning condenser scale, and may be shifted as desired irrespective of normal antenna lengths. Due to the design, "dead spots" at which the receiver will not oscillate are totally eliminated.



nated. Further, the antenna condenser allows of easily adjusted variations of antenna coupling to suit individual conditions of location and antenna.

The 635 kit built up using a pair of 220 transformers for audio amplification, thus making a three-tube

set, will give excellent reception of distant short-wave amateur and broadcast stations even during summer months when regular reception may be fairly poor.

Complete building instructions accompany each kit showing how several circuits may be employed to suit the individual builder.

No. 635 Short Wave Essential Kit

All Parts Specially Matched for Each Kit

LIST PRICE \$23.00

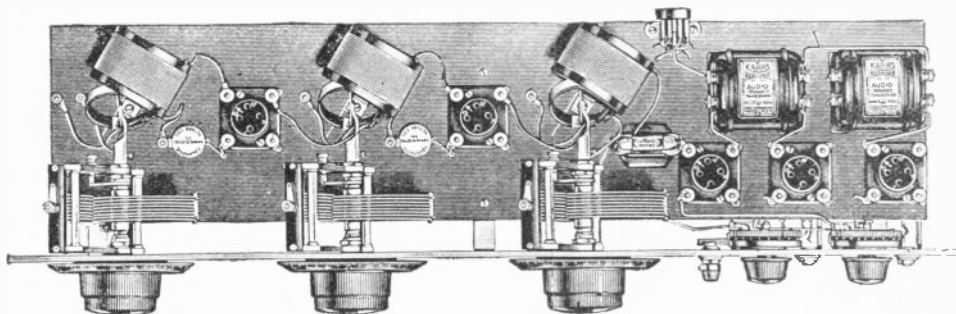
2-317 condensers	1-515 socket
1-840 condenser	1-Booklet
1-117 coil set (4 coils)	

All parts may be purchased separately.

KARAS EQUAMATIC FIVE-TUBE SENSATION

Radio Broadcast's Feature Circuit for 1927

A Revolutionary Radio Frequency Circuit Utilizing an Entirely New Principle of R. F. Transformer Design that gives Amazing Results in Volume, Tone Quality, Selectivity and Sensitiveness



Isometric View of KARAS Five-Tube EQUAMATIC Receiver

Complete List of Parts Needed to Build the Radio Broadcast EQUAMATIC Five-Tube Receiver

3 Karas Equamatic R. F. Transformers at \$4.00 each.....	\$12.00	1 Yaxley 20 ohm Rheostat with Dial.....	1.50
3 Karas Orthometric .00037 mfd. 17-Plate Extended Shaft Condensers at \$7.00 each.....	21.00	1 Yaxley No. 4 Interstage Phone Jack for First Stage Audio.....	1.05
3 Karas Micrometric Vernier Dials at \$3.50 each.....	10.50	1 Yaxley No. 1 Open Circuit Phone Jack for Second Stage Audio....	.75
2 Karas Harmonik Audio Transformers at \$7.00 each.....	14.00	1 Yaxley Filament Switch.....	.75
2 Karas Electric Co. Equamatic Retard Coils at \$1.00 each.....	2.00	1 Sangamo .00025 mfd. Fixed Condenser with Grid Leak Clips.....	.50
3 Karas Electric Co. Sub-panel Brackets.....	.70	1 2 megohm Grid Leak.....	.45
1 Formica Insulation Co. Karas Equamatic Drilled and Gold Engraved Front Panel, 7 x 28".....	6.80	2 Radiall No. 1-A Amperite 6-volt Resistors, with Mountings, at \$1.10 each.....	2.20
1 Formica Insulation Co. Karas Equamatic Completely Drilled Sub-panel, 6 x 27".....	4.69	1 Jones Multiplug, with Mounting and 8-foot Cable.....	4.50
1 Yaxley 10 ohm Rheostat with Dial.....	1.50	5 Benjamin U.X. Cushion Sockets at 75 cents each.....	3.75
		Retail Price.....	\$88.64

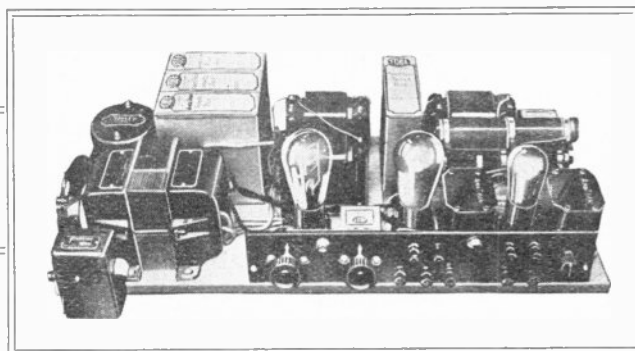
THE RADIO BROADCAST "LAB" CIRCUIT

The New "Lab" Receiver designed by Radio Broadcast Laboratory Staff

Acclaimed from Coast to Coast!

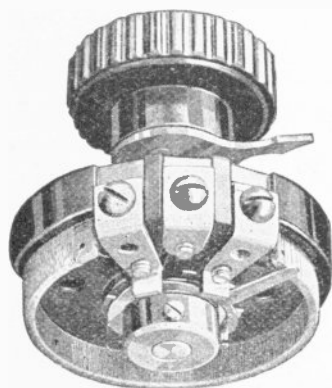
1 Set Improved Gen-Win RB "Lab" Coils.....	\$8.50	1 Tobe 1-Mfd. Bypass Condenser.....	\$0.90
2 Cardwell Taper-Plate Condensers, Type 169E, 0.00035 Mfd.	9.50	1 Electrad Filament Switch.....	.40
4 Airgap Sockets.....	3.00	2 Marco Illuminated Controls.....	7.00
2 AmerTran Deluxe Audio Transformers, 1st and 2nd stages.....	20.00	2 ½ Ampere Amperite and ¾ Ampere Amperite.....	2.00
1 Samson Output Impedance.....	5.00	1 Electrad Single-Circuit Jack.....	.25
1 Tobe Output Condenser, 4 Mfd.....	3.50	1 Yaxley 4-Point Tap Switch.....	1.00
1 Precise 55-Mmfd. Regeneration Condenser, Type 940.....	1.50	1 Yaxley Cable and Plug.....	3.50
1 Precise 10-Mmfd. Neutralization Condenser, Type 940.....	1.25	1 Sangamo Condenser, 0.01 Mfd.....	1.15
2 Samson No. 85 RF Chokes.....	4.00	1 Shield.....	.45
1 Electrad Royalty Variable Resistance, 0-500,000 Ohms, Type L.....	1.50	1 Micarta Panel, Drilled and Engraved.....	5.00
		List Price.....	\$79.40

New Amertran Automatic Power Unit



1	Precise No. 1600 Circuit Breaker.....	\$3.75
1	Amer-tran Power Transformer Type P F 52.....	18.00
3	Amer-tran Chokes Type 854.....	18.00
1	Amer-tran Resister Type 400.....	7.50
1	Amer-tran Deluxe Transformer 1st Stage.....	10.00
1	Amer-tran Deluxe Transformer 2nd Stage.....	10.00
1	Yaxley Automatic Power Control Type 445.....	6.00
1	Yaxley Junior Jack Type 704.....	.75
1	Yaxley Midget Battery Switch.....	.50
2	Federal Potentiometer Type 25.....	3.50
2	Tobe Amer-tran Power Pack Condenser Type 602.....	7.00
2	Tobe Amer-tran Power Pack Condenser Type 604.....	12.00
3	Tobe By-Pass Condenser Type 301.....	3.75
3	Benjamin UX Sockets Type 9040.....	2.25
1	Amperite Type 1 A.....	1.10
1	Centralab Variable Resistor 0-100,000 Ohms.....	2.00
9	Eby Binding Posts.....	1.25
1	Bakelite Panel Size 4 x 19½ x ¼.....	.75
COMPLETE SET OF PARTS TOTAL.....		\$108.10

COMPLETE SET OF BLUE PRINTS WITH THE ABOVE FREE.



The Ideal Variable Resistor
for All Power Pack
Plate Supply Systems

FEDERAL NO. 25

Wire Wound—1850 Ohm

VARIABLE RESISTOR

The Federal No. 25 Wire Wound Resistor, which is 1850 Ohms, is the only resistor that is practical for use in the New Amer-Tran Automatic power unit; it is also the only resistance unit that can be used in any other type of Eliminator or amplifier where precise results are expected.

Price..... **\$1.75**

\$1.75



TYPE X201A
Detector and
Amplifier

This is the universal tube now being used in storage battery sets for radio frequency, detector, and audio frequency.

This tube is used in any storage battery receiving set in the last stage of audio frequency. The adapter base automatically changes hook-up on your set without re-wiring to work with this power tube:

Fil. volts 5

Fil. amps. 5

Plate volts,

(min.) 90

(max.) 180

Neg. grid volts

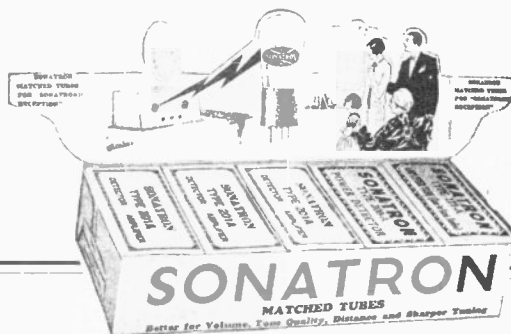
with (90 pl.) 22½

with (180 pl.) 40½



MATCHED TUBES

IN SETS for SONATRONIC Reception



SONATRON-IZE

YOUR SET with a

SONATRON KIT

\$2.25



TYPE X199

This type of tube has the same specifications as Type 199, but it has the new UX base.

Price \$2.25

This tube is used as a Power Amplifier in any ordinary storage battery receiving set. Gives greater volume and distance.

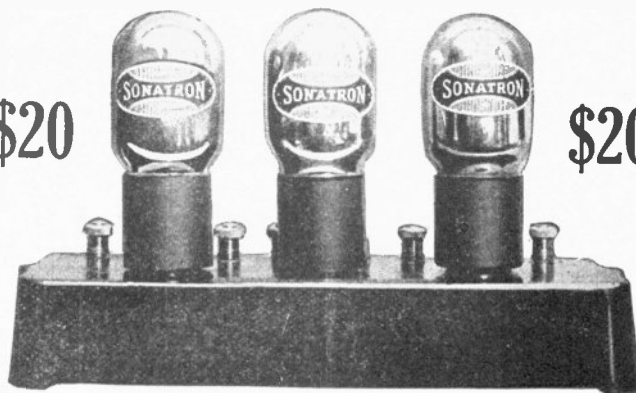
Fil. volts..... 5

Fil. Amps..... 5

Plate volts

22½ to 175

\$20



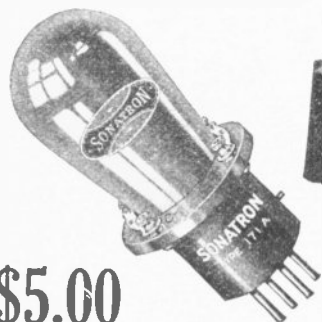
\$20

SONATRON AMPLIFIER

WITH

(3) Red, White & Blue Matched Tubes

\$5.00



Type X171A

\$4.50



Type X112

TYPE R. F. 201A - \$3.00

TYPE X 200A - \$4.00

In

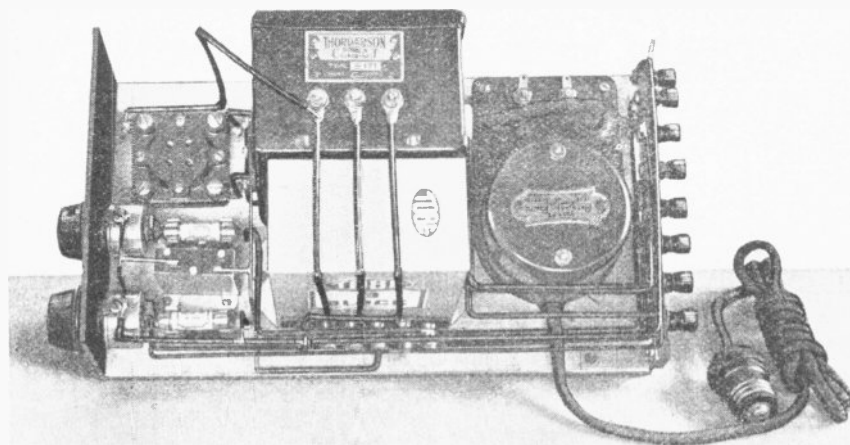
Stock

TYPE X 171 - \$4.50

TYPE X 112A - \$5.00

THORDARSON R-171 POWER COMPACT

Complete "B" and "C" Supply for Power Amplifier



Lamp Socket Power

THERE are, on the market, many excellent eliminators which make use of the Raytheon or QRS Redtop rectifier tube, but for one reason or another, they could not be considered as ideal for the Hi-Q. In most cases this was due to the fact that they did not have sufficient number of output terminals or that the output voltages were not of the proper value. The commercial eliminators did not supply the current for heating the filament of the 371 tube nor the high negative grid bias necessary for this type power tube.

The engineers, therefore, decided to design an eliminator, from parts that could be secured in the open market, that would supply plate voltages for the entire receiver, and also would provide the necessary high negative grid bias and current for heating the filament of a CX 371 or J-71 power tube. The result is the socket power supply unit shown in the illustration. It is absolutely silent in operation, delivers a steady, uniform flow of current, and the exact voltage required for the most efficient operation of each individual tube.

APPROVED LIST OF PARTS FOR HI-Q LAMP SOCKET POWER

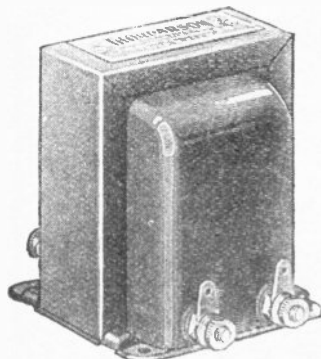
1	Thordarson Power Compact, type R-171.....	\$15.00
1	Tobe "B" Block Filter Condenser R-171 or No. 760.....	12.00
1	Q. R. S. 85-MA Redtop or Raytheon type BH Rectifier tube.....	6.00
2	Clarostat variable high resistances.....	4.50
1	Tobe Veritas High Duty Resistor, 5,000 ohms.....	1.10
1	Tobe Veritas High Duty Resistor, 10,000 ohms.....	1.10
1	Tobe By-pass Condenser, 1 mfd.....	.90
1	Benjamin Socket No. 9040.....	.75
2	Daven Single Resistor Mounts.....	.70
1	Yaxley Cable and Connector Plug No. 660.....	3.50
1	Yaxley No. 444 Relay.....	5.00

Complete Set of Parts..... \$50.55

Anyone can build the Hi-Q Socket Power — only sixteen connections being necessary to complete the work. This simplicity of construction is possible because the Thordarson Compact contains in itself the greater part of the complete power supply unit. All terminals are located for the greatest ease of connection. This concentration of power transformer, choke coils and buffer condensers in a single unit greatly reduces the amount of space required for the complete power supply device.


THORDARSON
ELECTRIC MFG. CO.

R-200 TRANSFORMER



A quality transformer with unusually faithful reproductive powers and a very wide amplification range. The super-sized core combined with the high inductance primary result in the evenness of amplification so characteristic of this transformer.

Designed for 2 stage amplification. Ideally adapted for use with cone type speakers. Used in quality receiving sets costing as high as \$2,000.

Price.....\$8.00

THORDARSON SUPER-AMPLIFYING TRANSFORMERS (Audio Frequency)

6-1 Ratio—Recommended for one stage amplifiers where maximum amplification from one tube is desired. Primary D. C. resistance, 750 ohms, secondary 5100 ohms. Allowable current 10 milliamperes.

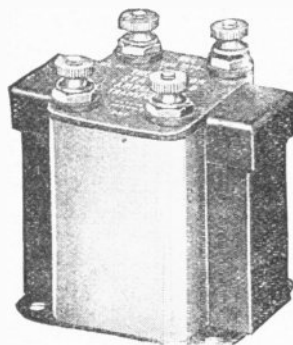
Price.....\$4.50

3½-1 Ratio—Recommended for the average two-stage amplifier under normal conditions. Primary D. C. resistance, 1075 ohms, secondary 5100 ohms. Allowable current, 10 milliamperes.

Price.....\$4.00

2-1 Ratio—For three stage amplifiers and two stage amplifiers in connection with having a large detector output.

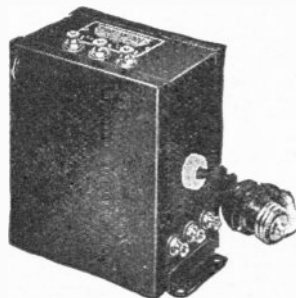
Price.....\$5.00



THORDARSON PLATE SUPPLY

These transformers are supplied either unmounted or mounted in a heavy black steel case. All leads brought out through porcelain bushings. High efficiency and good regulation.

Two secondary coils on every transformer. Standard primary 110 volts, 60 cycles.		Price	
Cat. No.	Cap. Side of Neutral	Un- mtd.	Price
T125	100 350 and 550	\$11.00	\$13.00
T126	450 1000 and 1500	16.00	18.00
T127	900 1000 and 1500	27.00	30.00

THORDARSON
ELECTRIC MFG. CO.


The New R171 Thordarson Power Compact

This unit consists of a transformer with a high voltage secondary for the BH tube and a low voltage secondary for the filaments of a power tube of 112 or 171 type. This is mounted in the same container with two choke coils of appropriate design, to be used in the filter circuit, together with two 1 MFD. by-pass condensers across the high voltage secondary.

Price R 171.....\$15.00

Price R 210.....\$20.00

R-195 B-ELIMINATOR TRANSFORMER (RAYTHEON TYPE)

The Thordarson Transformer R-195 converts the house lighting current into proper voltage values for B supply for radio sets. Designed for use with Raytheon tube eliminators. Will deliver up to 140 volts at 40 milliamperes drain. Conservatively rated. Will not heat up in continuous service. Used by leading set manufacturers. Core clamped and sealed. Silent in operation.

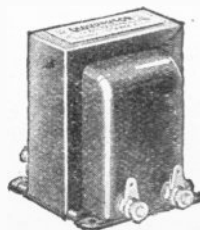
Price.....\$7.00

Type R197

For
UX213
or
CX313
Tubes
Price
\$7.00



R-196 30 HENRY CHOKE COIL



This Thordarson choke is designed for use in filter circuits in converting A. C. into smooth D. C. for radio use. Especially adaptable for use with B-eliminators and power amplifiers. Mounted in attractive steel case. Terminals at base.

Price \$5.00

THORDARSON
ELECTRIC MFG. CO.

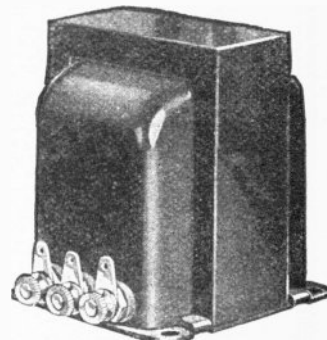
AUTOFORMERS

R-190

The Autoformer is an all frequency amplifier. It is not a transformer; Autoformer amplification is an adaptation of capacities, impedances and resistances.

The Thordarson Autoformer amplifies, with even magnitude, all notes within range of the human ear. Thus the deepest notes of the grand organ and the high C of the soprano get the same attention.

Price.....\$5.00



R-198 Power Amplifier Supply Transformer

Furnishes power for both plate and filament of power tubes UX210 or CX310. Supplying 7½ volts for the filament and 400 volts for the plate. In addition the amplifier supplies B voltages for the complete receiver. Core clamped and sealed to prevent hum.

Price each.....\$12.00



THORDARSON C. W. Transformers FILAMENT (Shell Type)

Both primary and secondary winding assembled on the center core. Secondary is made of heavy copper ribbon and wound in pancake form. Tap brought out at center point.

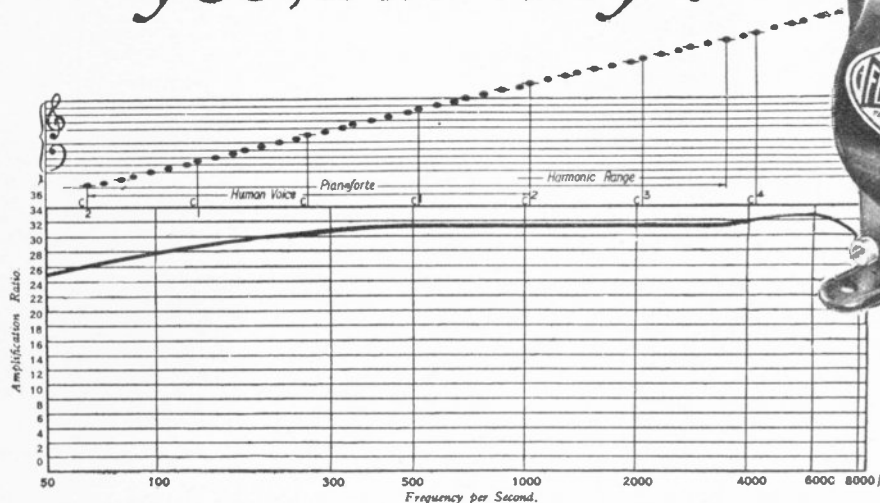
Transformers are supplied unmounted or mounted. Bakelite terminal boards.

Standard primary 110 volts, 60 cycles.

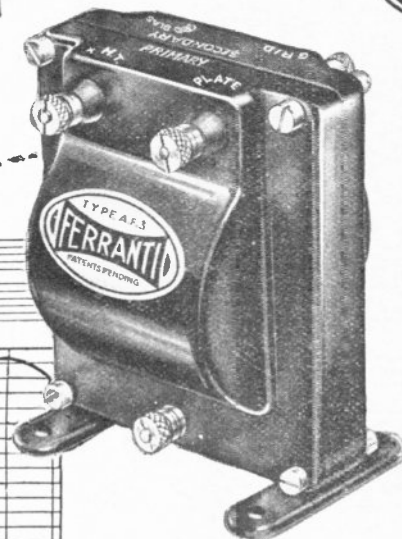
Cat. No.	Cap'ty Watts	Sec'dary Volts	Price Unm'ted	Price M'ted
T120	80	8½	\$ 8.00	\$ 7.00
T121	150	12	8.00	10.00
T122	300	12	12.50	15.00

FERRANTI

*supreme
—yes, but why?*



AMPLIFICATION CURVES. (BASED ON A MUSICAL SCALE.)



Audio Frequency
Transformer

A.F. 3 \$12

This graph is drawn on the musical scale—the only accurate way of showing the full value of each tone which your set receives. Note that the evenness and fullness of amplification extends throughout the range of the organ, the cello, and the human voice.

Analyze these facts about the FERRANTI TRANSFORMER

AFTER all is said, what is the truth about this transformer question? Is it important to you to get merely mediocre reception from your set, or do you value getting the very best from it that you possibly can?

The Ferranti Transformer is the Nearly Perfect transformer—nearly perfect because its amplification curve is almost a straight line. No other transformer approximates this degree of perfection.

And when you consider the fact that the scale of measurement is based on the musical scale, show-

ing as it does true transformer value as applied to any tone which you can possibly receive in your set, you will appreciate that this is the only fair method of testing transformer performance.

The Ferranti Transformer does more than act as a superior transformer. It is designed to produce that depth of tone quality which is lacking without a worthy transformer. From the low notes of the organ and the kettle drum to the high pitch of the flute and the human voice, Ferranti Transformers "carry on" faithfully.

HIGHSPOTS

High amplification ratio with flat curve. Ferranti brings out the fundamental frequency of low tones—none are heard merely by inference from higher harmonics. Every transformer tested ten times—all short-circuit turns eliminated. Windings have high impedance.

For the best available transformer results—Ferranti Audio Frequency Transformer A. F. 3—ratio $3\frac{1}{2}$ to 1—\$12.

Built by an established manufacturing company with forty years' experience in the winding of coils of fine wire for electrical

Ferranti Output
Transformer \$10.00

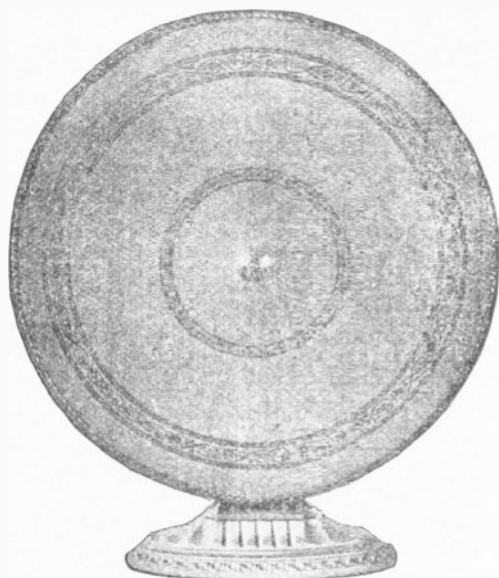
Instruments and meters. Primary shunted with built-in condenser of correct capacity. Tested to 1000 volts between primary and secondary and between primary and secondary and ground. For a transformer far superior to the average, use Ferranti A. F. 4—ratio $3\frac{1}{2}$ to 1—\$8.50.

NO BETTER TRANSFORMER IS AVAILABLE AT ANY PRICE

LEAF-BURKHARD

Built by
Former
Western
Electric
Engineers

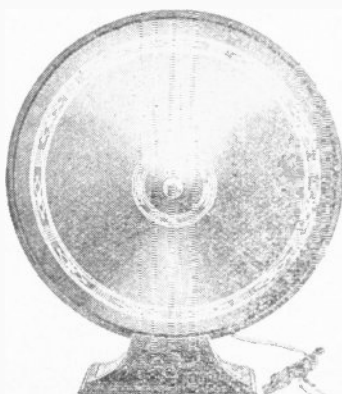
18 Inches
in Diameter
Self-Ad-
justing



Diameter of cone eighteen inches, edges of which are trimmed with heavy gold braid. Height over all twenty inches. Removable antique gold-finished base. Speaker may be hung on wall with silk tasseled cord to match interior decorations. Same being obtainable in any art shop. All parts accurately adapted to a size including sufficiently large cone to produce the superlative tone range and quality for which this speaker is known. The unit is made and coils wound under supervision of experts in our own modern factory. Not so-called assembled job. Covers a full range of the musical scale, faithfully reproducing both high and low notes. The Leaf-Burkhard Speaker is produced by former Western Electric radio and acoustic engineers with years of experience, and is unconditionally guaranteed as to quality and performance.

Price.....\$25.00

O'NEIL CONE SPEAKER



A good cone speaker at a good price—same unit is used in both size cones.

The O'Neil Speaker can handle volume without distortion. It is built by pioneers in the business.

Price for 17-inch cone.....\$12.75

Price for 14-inch cone.....\$8.50

SPARTAN JUNIOR



Exceptionally pleasing in tone, covering with excellent volume the entire musical scale, the Spartan Junior Disc represents a value which we believe is equaled by none other. An audition at once calls forth striking comment upon the full mellowness of the low frequencies as emphasized by such instruments as the bass violas, tubas, tympani and the pedal notes of the great organ.

Equally pleasing is its appearance, as the dark green pith wood composition diaphragm is set off by an artistically designed frame and base finished in rubbed ebony.

(Equipped with the Spartan Semi Balanced Armature Disc Unit)
Overall Dimensions: Height, 15½", Diameter, 13¾"

Model 400.....\$12.50

SPARTAN
HORN
SPEAKER

Model 500

Spartan has developed in this new deluxe horn model a speaker which rivals the season's best cone type reproducer. From an acoustic standpoint, the design of the horn with its mathematically correct air column, in combination with the now famous Spartan Balanced Armature Unit, leaves little to be desired in volume, clarity, timbre and overall musical reproduction.

The tasteful use of high lights on antique bronze makes it an acceptable and ornamental addition to any well-appointed living-room. (Equipped with the Spartan Balanced Armature Unit)

Overall Dimensions: Height of Horn, 23"; Diameter of Bell, 15"

Model 500.....\$18.50

**Automatic Power Control
or
Automatic Relay Switch**



This Switch is for the set using a trickle charger and B eliminator, or either. The Relay automatically cuts out the trickle charger, cutting in the A battery and B eliminator when the switch or filament control of the set is turned on. When the set is turned off, the relay automatically cuts out the B eliminator and A battery, cutting in the trickle charger again.

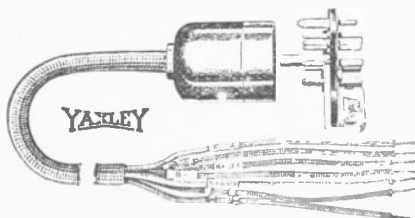
No. 444—Series Type, Automatic Power Control, for use with sets with tubes having a current draw equal to or greater than six (6) UV-199 type of tubes.....\$5.00

No. 445—Multiple Type Automatic Power Control, for use with any set\$6.00

The Multiple Type Power Control is especially recommended for sets with a current draw of six (6) or less than six (6) UV-199 type of tubes. It also operates successfully with sets having a current draw greater than that of six (6) UV-199 type of tubes. The winding is so high that the current draw is very low.

The wiring of the Series Type Power Control is just a little easier and the cost is somewhat less than the Multiple Type. With the two types the jobber or dealer has an Automatic Power Control to meet the requirements of any set whether it has only one or more tubes.

Cable Connector Plug



Here is the Cable Connector Plug you have been waiting for. Bakelite construction, handsome appearance, easy wiring, metal cable markers, etc., will sell this plug for you.

Study these outstanding features:

The Plug Proper—Phosphor bronze double contact springs, mounted in Bakelite. Cannot work loose. Shorting impossible. Plug cannot be inserted incorrectly.

The Connector Plate—Contact pins are brass, tinned for soldering. Connector Plate mounts by means of bracket which is reversible or bracket may be removed entirely for sub-panel mounting. RMA standard color code, also plainly marked with battery designations, permanently attached to assure proper connections.

The Cable—Extra quality, seven strand (RMA standard colors) cable furnished. A and B strands marked with Yaxley metal cable markers that snugly hug the wires. Six extra markers packed with each plug. Wire ends tinned. Cable length 5 feet.

The Yaxley Cable Connector Plug is entirely different and distinctive. The polished Bakelite base and nickel plated parts give it a rich appearance. Electrically and mechanically the plug is correct. Easily installed, the Yaxley Cable Connector Plug makes the hooking up of batteries safe and simple. Let a fan slip the plug on the contact pins just once and he is sold.

No. 660 Cable Connector Plug—Complete as described.....\$3.50



**Radio Convenience Outlet
For Battery Connections**

The new and neat convenience outlet for battery connections. The receptacle and plate fit any standard outlet box or may be fastened direct to baseboard or in floor. Batteries may then be placed on shelf in basement, in closet or out of the way and lead-in wires brought to the convenience outlet.

This device consists of the receptacle and plate and connector plug with pin contacts. The connector plug is easily wired to the leads from the radio set whether cable or separate wires are used. Battery connections are then made by inserting connector plug in flush type receptacle, just like plugging in an ordinary heating device plug, quickly, easily. The plug can only be inserted the right way.

See description of Cable Connector Plug for construction of flush type receptacle and connector plug. Furnished complete, with wall plate. Wiring diagram in each package.

No. 137—Radio Convenience Outlet with Plug for Battery Connections.....\$2.50

**Radio Convenience Outlet
For Loud Speaker and Phone
Connections**

This device makes it practical to place radio set in one place and to enjoy reception in another part of building. More than one Radio Convenience Outlet for loud speakers may be used. Recommended for houses, apartments, hotels, hospitals, etc.

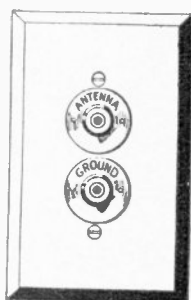
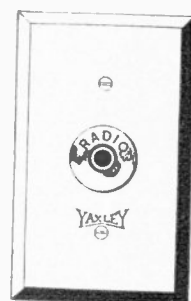
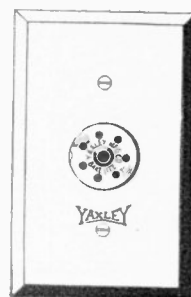
Consists of a wall plate and a wall socket jack with screw terminals. Fits any standard outlet box. Easily wired. Wiring diagrams in each package.

No. 135—Radio Convenience Outlet for Loud Speaker and Head Phones.....\$1.00

**Radio Convenience Outlet
For Aerial and Ground
Connections**

Aerial and ground wires are brought to the convenience outlet behind the sash and are then available for connection to the set by means of phone tips or Yaxley Phone Tip Jacks, or No. 14 solid wire.

No. 136—Radio Convenience Outlet for Aerial and Ground—Complete.....\$1.00



Resistance Units



Small in size, accurately rated, provided with combination screw eye and soldering lug for mounting to panel or solder connectors. Furnished in sizes as follows:

No. 801—1 Ohm	} Each \$0.15	No. 815—15 Ohm	} Each \$0.15
802—2 Ohm		820—20 Ohm	
803—3 Ohm		825—25 Ohm	
804—4 Ohm		830—30 Ohm	
805—5 Ohm		840—40 Ohm	
806—6 Ohm		850—50 Ohm	
808—8 Ohm	} Each \$0.25	No. 8100—100 Ohm	} Each \$0.25
810—10 Ohm		8200—200 Ohm	
		8400—400 Ohm	

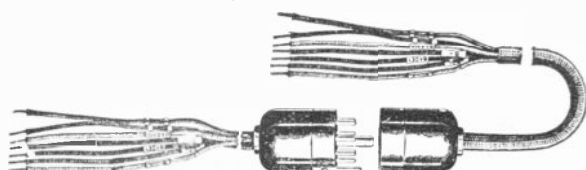


YAXLEY

APPROVED RADIO PRODUCTS

Cable Connector with Cable

For use in conjunction with Binding Posts



This device gives all the conveniences of a Yaxley Cable Connector Plug to the owner of a set equipped with binding posts. No mounting at all is necessary. Simply connect ends of the Cable Connector wires to the binding posts and battery terminals as marked and the Cable Connector is wired and ready for use. To disconnect the lead-in wires from the set or to connect them again, just pull the Cable Connector apart or push it together as you would any separable attachment plug. It is quick, simple and convenient. The Cable Connector is made up of a plug and receptacle. The plug is provided with seven 15-inch wires which connect directly to the binding posts. The receptacle has a 5-ft. seven-strand cable, the strands connecting to the batteries.

Five wires from the plug and five strands from the receptacle are marked with A and B metal cable markers. Additional markers to meet individual needs are packed with each Cable Connector. RMA standard colors are used for all wires.

The receptacle Plug has a bakelite base with phosphor bronze contact springs, the same as in the Yaxley Cable Connector Plug.

The receptacle base is also made of bakelite and the contact pins are brass. A sure positive contact is secured, and because of the guide pin it is impossible to put the Connector together incorrectly.

The No. 670 is an accessory. Every set owner is a prospect, for there is no intricate wiring to do and no mounting of any kind in using this device.

No. 670—Cable Connector, as described.....\$4.00

Pin Plug with 15 Inch Leads

The Pin Plug with seven 15-inch leads, as described as part of the No. 670 above, may be obtained separately from the receptacle plug.

No. 640—Pin Plug with seven 15-inch leads.....\$1.50

No. 134 Convenience Outlet

For use where many Loud Speakers are to operate on the same circuit at the same time.

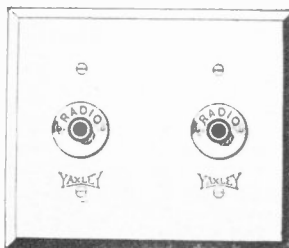
The No. 134 Radio Convenience Outlet is equipped with an impedance coil wound to 2200 ohms, which is equivalent to the resistance in the average loud speaker unit. By the use of the impedance coil an equal volume for one or several loud speakers may be had on the same circuit. This is the outlet to be used where several speakers are to operate from one set at the same time.

Fits standard switch box.

No. 134 Radio Convenience Outlet.....\$2.50

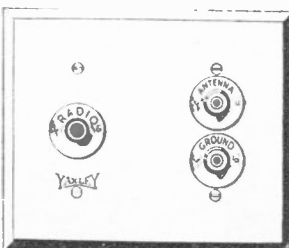
Wall Plate Combinations

There has been so much interest shown in the two-and three-gang wall plates that the different combinations are shown below. All Yaxley Radio Convenience Outlet Plates fit any standard outlet boxes.



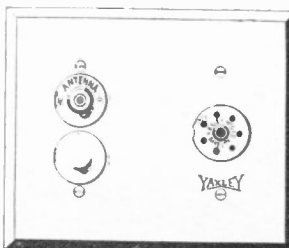
No. 235
For Loud Speaker
Connections

\$2.00



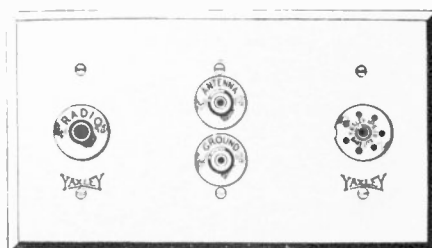
No. 238
For Loud Speaker
and Aerial and
Ground Connections

\$2.00



No. 239
For Aerial and
Ground and
Battery Connections

\$3.50



No. 350
For Loud Speaker
Aerial and Ground and
Battery Connections

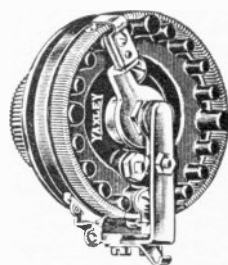
\$4.50

Rheostats

The Air-Cooled Rheostat

This Rheostat is scientifically designed to give correct voltage range and carrying capacity when used as recommended in Yaxley Rheostat Data sheet packed with each Rheostat. (Reprint shown on last page of this price sheet.)

The large number of turns of special non-rusting resistance wire gives this rheostat a vernier adjustment without vernier attachment, feeding current slowly and evenly. Smooth as silk in operation. The resistance unit is suspended in air to permit radiation. No steel is used in the construction of this rheostat. Mounts in single 7/16" panel hole. Furnished complete with Bakelite Knob. Black Knob standard. Mahogany 3c extra.



No. 102K—2 Ohms

No. 115K—15 Ohms

No. 130K—30 Ohms

No. 13K—3 Ohms

No. 120K—20 Ohms

No. 140K—40 Ohms

No. 16K—6 Ohms

No. 125K—25 Ohms

No. 160K—60 Ohms

No. 110K—10 Ohms

No. 199K—100 Ohms

Rheostat complete with Knob.....\$1.35

Potentiometer

Air-Cooled

Potentiometer has exactly same construction as Rheostat. Knob and Etched Dial Plate regularly furnished with Potentiometers.

No. 200—200 Ohms\$1.75

No. 400—400 Ohms1.75

No. 1000—1000 Ohms2.00

A & B Voltmeter Switch

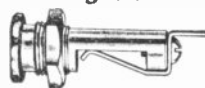
A double-throw non-locking switch to be used in connection with a voltmeter for conveniently reading both A and B batteries.

One nut mounting in a single 7/16" panel hole.

No. 12, with Designation Plate\$1.25



Midget Jack



YAXLEY No.16

Midget Plug



YAXLEY No.15

Midget Jack. Easy to mount. Takes cord tip or Midget Plug. Has heavy phosphor bronze spring. Mounts in 3/4" panel hole.












No. 16—Midget Jack.....\$0.30

Midget Plug. Has binding post method of connecting either flexible cord or wire.

No. 15—Midget Plug\$0.15

JACKS

Yaxley Jacks are the standard for excellence. Each jack is made with care and precision from the best materials to give lasting service in radio equipment. The springs are heavy phosphor bronze with pure silver contacts—no pitting or breaking down in service. The frames are brass. All bakelite insulation. Pressure assembly assures permanent alignment. Mount in single 7/16" panel hole without adjusting collars. Bakelite insulating washers furnished for mounting on metal panels. Fit any standard radio plug.

	
No. 1—Open Circuit .....\$0.50	No. 3C—Double Circuit.....\$0.70
	
No. 2—Circuit Closing ... .60	No. 4—Interstage ..... .80
	
No. 2A—Two Circuit ..... .60	No. 4A—Two Circuit Filament Control ..... .80
	
No. 3—Single Circuit Filament Control ..... .70	No. 5—Two Circuit Filament Lighting ..... .90
	
No. 3A—Circuit Reversing. .70	No. 6—Interstage Filament Control 1.00
	
No. 7—Interstage Filament Lighting 1.10	

JUNIOR JACKS

Here is a jack for use in the set where space is at a premium. The Junior Jack has exactly the same characteristics as the standard jack described above—full weight springs, silver contacts, etc. No sharp edges to wear plug. There is no skimping anywhere in material or workmanship. The Junior Jack is for the set builder who wants the best results.

Extends 1 1/4" behind panel. Takes any standard radio plug. Comes in all spring combinations as follows:

No. 701—Open Circuit .....\$0.40	No. 704—Interstage .....\$0.75
No. 702—Circuit Closing ... .55	No. 704A—Two Circuit Filament Control ..... .75
No. 702A—Two Circuit ... .55	No. 705—Two Circuit Filament Lighting ..... .85
No. 703—Single Circuit Filament Control ..... .65	No. 706—Interstage Filament Control ..... .95
No. 703A—Circuit Reversing ..... .65	No. 707—Interstage Filament Lighting 1.05
No. 703C—Double Circuit.. .65	

PUP JACK



No. 416

PUP PLUG



No. 415

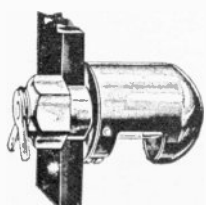
Pup Jack—Easy to mount on front, sub or rear panels. The ideal jack for phone tips and for use as binding posts for connecting Battery Leads, Ground, Antenna, etc. A great convenience to add to factory-built sets.

No. 416—Pup Jack\$0.15
Pup Plug—Designed especially for use with the Pup Jack and to serve as a phone tip without soldering.
No. 415—Pup Plug.....\$0.10

PANEL LIGHT

A great convenience for every receiving set. The set may be placed in any part of the room, and the panel light illuminates the dials so that the operator is not dependent upon the illumination of the room for light. Consists of a handsome reflector and metal socket. Mounts in a single 1/4" panel hole. Easily wired.

No. 330—Panel Light.....\$0.50
Lamps, 30c extra



JACK SWITCHES

Yaxley Jack Switches have the same general construction features as Yaxley Jacks. Each switch is insulated from the frame and has no body capacity. Mount on metal or other panels. Quick make and break contacts. Mount in single 7/16" panel hole, same size as for Yaxley Jacks. Black Knob standard. Mahogany Knob, 5c extra.



YAXLEY No.30

No. 20—Battery Switch	\$0.75
No. 30—Two Circuit .....	.90
No. 63—Three Pole Double Throw	1.60
No. 40—Double Circuit	1.00
No. 45—Five Spring	1.15
No. 60—Two Way Two Circuit.....	1.25
No. 65—Four Pole Double Throw.....	2.00

JUNIOR JACK SWITCHES

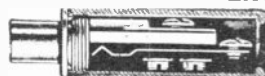
Designed for use in radio equipment where space is at a premium. The Junior Jack Switches are exactly the same as Yaxley Standard Jack Switches, excepting in size. Made on the same frame as the Junior Jack. The illustration is one-half size. Extend 1 1/4" behind panel and is 1 1/4" long. Come in all spring combinations as follows:



745

No. 720—Battery Switch.....\$0.70	No. 745—Five Spring .....\$1.10
No. 730—Two Circuit ..... .85	No. 760—Two Way Two Circuit 1.20
No. 740—Double Circuit... .95	

EXTENSION JACK



YAXLEY No.100

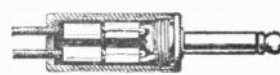
Quickly connects to extension cord or wire so that loud speakers or head phones may be plugged in at distant points.

No. 100—Extension Jack.....\$0.75

ONE PHONE PLUG

Licensed Under Patent No. 1498196

This phone plug has a polished bakelite handle, is small in size—neat in appearance. Phone tips instantly connected without use of tools by phosphor bronze spring contacts. Cannot be disconnected until handle is removed. Perfect contact assured. All Bakelite insulation prevents current leakage. Shorting is impossible.



YAXLEY No.50

No. 50—One Phone Plug.....\$0.50

DUPLEX PLUG



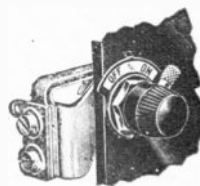
YAXLEY No.75

Has same general construction as one phone plug, excepting provided with screw terminals for connecting two phones. Knurled binding screws, coin slot—no screw driver required.

No. 75—Duplex Plug\$0.60

MIDGET BATTERY SWITCH

The efficient filament control switch. Never gets out of order. One nut mounting in single 7/16" panel hole. Hard rolled phosphor bronze springs, pure silver, self-cleaning contacts. Terminals tinned for soldering. Insulated from brass frame. Quick make and break. Furnished complete with "Off" and "On" Plate, as illustrated. Black Knob standard.

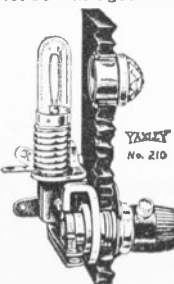


YAXLEY No.10

No. 10—Midget Battery Switch.....\$0.50

PILOT LIGHT SWITCH

A decided utility as well as a great novelty for every set. The pilot light shows whether the set is on or off. Saves a needless drain on batteries and lengthens life of tubes by showing the set is on after the station has signed off. Adds to the attractiveness of any set. Easily installed.



No. 210—Pilot Light Switch.....\$0.75
Lamp 30c extra

Tobe Filter Condensers



TOBE Filter Condensers are made for use in filter circuits on plate-supply units and in B-Eliminators and in power amplifiers where the D. C. working voltages run up to 300 volts.

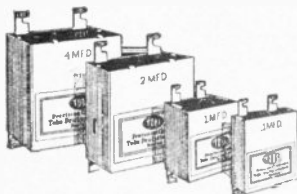
They are especially suitable for use with Raytheon Type B Tubes and are recommended by the Raytheon Manufacturing Company as unsurpassed for use in Raytheon circuits.

The 4.0 mfd. is especially suitable for use in output devices required with the UX-171, and similar power-tubes.

Three-minute test 700 volts D. C.; D. C. working voltage 300 volts; A. C. working voltage 250 volts.

Types	Sizes	Length	Width	Thickness	List Price
310	0.1 mfd.	1 15/16" x 1 1/4" x	9/16"	.....	\$0.70
325	0.25 mfd.	1 15/16" x 1 1/4" x	9/16"	.....	.75
350	0.5 mfd.	1 15/16" x 1 1/4" x	15/16"	.....	.90
301	1.0 mfd.	1 15/16" x 1 1/4" x	15/16"	.....	1.25
302	2.0 mfd.	1 15/16" x 1 1/4" x	1 1/4"	.....	1.75
304	4.0 mfd.	2 1/4" x 2 1/4" x	2 9/16"	.....	3.50

Tobe By-Pass Condensers



In their beautifully finished, silvered metal cases, with the new ground-lugs, the TOBE Bi-Pass Condensers are standard for all by-pass use in radio sets. For this kind of work noiselessness is a requisite. The TOBE Bi-Pass Condensers are noiseless and unchangeable. They stand extremes of heat and cold without alteration. Insulation is of the order of 150 megohms.

Types	Sizes	List Price
210	0.1 mfd.	\$0.60
225	0.25 mfd.	.70
250	0.5 mfd.	.75
201	1.0 mfd.	.90
202	2.0 mfd.	1.75
204	4.0 mfd.	3.50



Tobe Hi-Voltage Power Pack Type Condensers

1,000 Volts D. C.



Types	Sizes	Thickness	List Price
650	0.5 mfd.	1/2"	\$2.00
601	1.0 mfd.	1/2"	2.50
602	2.0 mfd.	3/8"	3.50
604	4.0 mfd.	5/8"	6.00

These are new TOBE Condensers especially designed for use in plate supply units of the Amertran Power-pack type and power amplifiers employing working D. C. voltages up to 600 volts.

They are of a new shape with a new type of terminal placed at the bottom of the condenser case. The terminals being on the side of the case permit a number of condensers to be arranged in a bank and wired together with a minimum of wiring and difficulty. Cases have ground-lugs for grounding them.

Three-minute test, 1,500 volts D. C.; D. C. working voltage 1,000 volts; A. C. working voltage, 400 volts.

Tobe 400 Volt Line Filter and Output Condensers



The steady increase in plate voltages employed on Radio sets in order to secure the best possible quality of reproduction and the increasing use of A-B-C Eliminators employing the Raytheon BH and Rectron 216-B Tubes, have made imperative the use of condensers that will stand more than 300 volts D. C. on continuous operation. The TOBE 400-Condenser is of the short-path type.

These condensers are made in three sizes:

No. 401—1 Mfd.	\$2.00
No. 402—2 Mfd.	2.75
No. 404—4 Mfd.	4.50

Tinytobe Condensers



The TOBE TINYTOBE is suitable for all set by-passing requiring small capacity condensers, for coupling condensers in resistance and impedance-coupled Radio-frequency amplifiers and for grid condensers on detector tubes.

It is tested at 1,000 volts and is suitable for all working voltages up to 500 volts and will stand this voltage indefinitely without breaking down. The accuracy is closely regulated and comparable to that of all other first-class small fixed condensers on the market.

In building modern sets it is frequently difficult to get large condensers in without jamming the parts close together. The TOBE TINYTOBE on account of its small size meets this difficulty and materially aids in producing a neat and compact set.

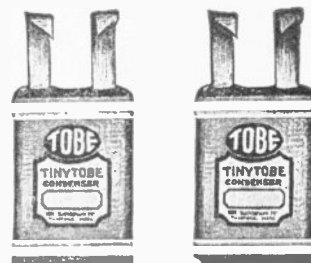
PRICES

.0001 Mfd.	35c
.00025 "	35c
.0005 "	35c
.001 "	40c
.002 "	40c
.005 "	45c
.006 "	45c
.01 "	55c
.02 "	60c
.00007 "	40c

Attractively labeled and marked with correct capacity. Packed in individual transparent envelopes, 10 condensers to a box.

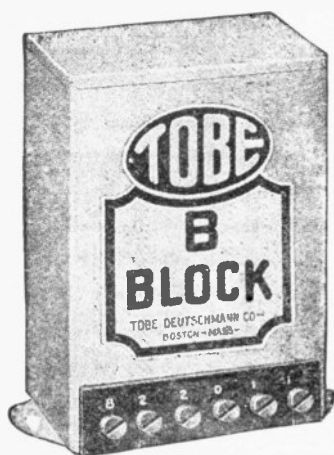
TINY TOBE TWINS

for band-pass filter circuits matched within one percent. per pair.



TINY TOBE TWINS

.002 Per pair	\$1.40
.001 " "	1.40
.00025 " "	1.40
.0001 " "	1.40



TYPE 760

This is designed especially for use with the Raytheon Tube Type B and contains one 8 mfd., two 2 mfd., and two 1.0 mfd. TOBE Filter Condensers. The height is only 5 1/2 inches, width 4 inches, depth 2 1/4 inches.

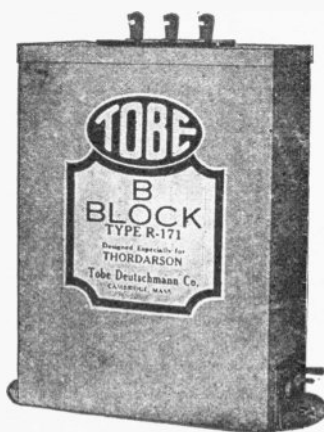
Terminals are brought out on the Bakelite binding post strip at the bottom of the block, for shortest and most direct wiring, and in order to keep the connections out of the reach of chance contacts.

For all Raytheon and other plate-supply circuits where the working D. C. voltage does not exceed 300 volts.

Type 760—Individually packed in decorative cartoons—

List Price\$11.00

Tobe B Block No. 171



The first condenser B BLOCK, specifically designed for use with the Thordarson Power Compact Type R-171, is the TOBE B BLOCK Type R-171. The terminals are arranged so that they come close to those on the Thordarson Power Compact, for minimum time and length of wiring. Short-path, non-inductive condensers are used for increased efficiency.

Price\$12.00

No. 210

Thordarson makes a 210 unit also, and here is the TOBE B-BLOCK type R-210 to go with it.

Price\$13.00

RADIO INTERFERENCE
FILTER No. 1

Radio interference from household motors on oil burners, under-grate blowers, electric refrigerators and elevators has been the source of widespread annoyance. Smaller motors on vibrators, sewing machines, etc., also cause a great deal of trouble.

In its RADIO INTERFERENCE FILTER No. 1, Tobe Deutschmann Company presents a small and compact piece of equipment, for use with household appliances employing power up to and including 1/4 H. P. This covers the usual range. Its design incorporates means for prevention of damage to commutators which may occur when condensers only are used, and was developed by Sewall Cabot, member I.R.E. The TOBE RADIO INTERFERENCE FILTER No. 1 is intended to be connected directly to the interference appliances and not to the Radio set. In the case of motors, it should be cut in close to the brushes. A wiring diagram is printed directly on the label which makes its connection easy and simple. Five leads are provided, so that no additional wire is required. Wire and case conform to standard code practice.

In some cases the nature of the Radio interference is such that it can only be reduced and cannot be completely eliminated. We do not guarantee this line of apparatus to eliminate finally and absolutely all difficulties from Radio interference. We know that in a majority of cases it will reduce them to a point where they are no longer noticeable.

Price: Filter No. 1\$15.00

Tobe Raytheon
Buffer-Condenser Unit

The Raytheon circuit requires two 0.1 mfd. Buffer-Condensers on the A. C. side of the tube. The Tobe Deutschmann Company has cased these in a single silvered metal compact case, for easy mounting in the Raytheon B-Eliminator. A ground lug properly turned is attached to the case so that it may be grounded.

Type 311, TOBE BUFFER-CONDENSER UNIT

Contains two 0.1 mfd. filter condensers
List Price\$15.00

RESISTORS



VACUUM TIPON LEAKS

"The Changeless Resistors in a Vacuum"

A new resistor free from induction and capacity, independent of voltage, atmospheric change or temperature.

The VACUUM TOBE "TIPON" LEAK is made of a small glass tumbler, coated with a slightly conductive layer. The connecting wires are sealed into this member, are coated along with it and give perfect and permanent contact. This resistance element is then mounted in a glass tube which is pumped out to a high vacuum and sealed.

	Prices
10,000 ohms (1/100 megohm)	\$1.00
20,000 " (1/50 megohm)	1.00
25,000 " (1/40 megohm)	1.00
50,000 " (1/20 megohm) .....	.75
100,000 " (1/10 megohm) .....	.75
250,000 " (1/4 megohm) .....	.50
500,000 " (1/2 megohm) .....	.50
1 megohm .....	.50
2 megohms .....	.50
3 megohms .....	.50
4 megohms .....	.50
5 megohms .....	.50
8 megohms .....	.75
10 megohms	1.00

VERITAS
HI-CURRENT RESISTORS

A special resistor capable of radiating 4 to 5 watts continuously without change or deterioration. In B-Eliminators where resistances are required through which the plates of several tubes must be supplied, the total number of watts to be handled may in some sets run as high as 2 1/2. If resistances are low and used as a potentiometer, the current may rise to 4 watts.

Grid leaks or transmitting tubes which run from 2,000 to 3,000 ohms in value may have to carry from 2 to 4 watts each.

	Prices
2,000 ohms	\$1.10
2,500 "	1.10
3,000 "	1.10
5,000 "	1.10
7,500 "	1.10
10,000 "	1.10
50,000 " (1/20 megohm) .....	.90
100,000 " (1/10 megohm) .....	.80
250,000 " (1/4 megohm) .....	.75
500,000 " (1/2 megohm) .....	.75
1 megohm .....	.75

Tobe B-Block—Model 761

Type 761 contains one 8 mfd. and two 2 mfd. TOBE Filter Condensers and is designed for use either with smaller B-Eliminators without intermediate voltage taps or where it is desired to use separately cased condensers for by-passing these intermediate and detector taps. This block has heavy binding posts at the top.

Type 761—Packed one to a display carton.
List Price\$9.50

Tobe B-Block—Model 764

This block is identical in its size and general appearance with Type 760, but it contains three 4 mfd. condensers and two 1.0 mfd. condensers. It is especially designed for use in the filter circuit of B-Eliminators and plate-supply units employing either one UX-215 (CX-313) or two UX-216-B (CX-316-B) Thermionic Rectifying tubes, as made by Radio Corporation of America or Cunningham. For use with these tubes, the combination of capacities listed above has been found better than the arrangement necessary for the best results with Raytheon Tube.

Type 760—Individually packed in decorative cartons
List Price\$11.00

SANGAMO

Mica Condensers

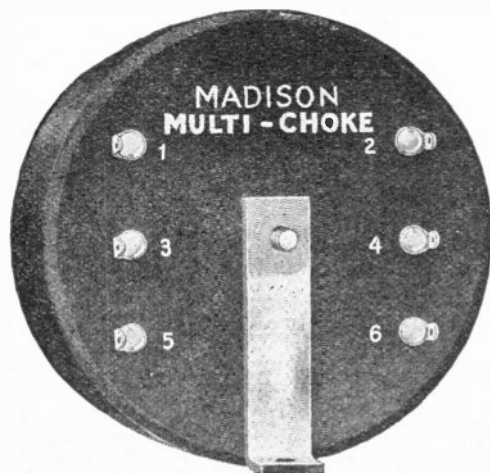


Accuracy
guaranteed within
10 per cent.

Solidly molded in bakelite
are accurate and stay accurate—

Capacity in mfd.		Capacity in mfd.	
0.00004 — 40 mmf.		0.001	
0.00005 — 50 "		0.0012	
0.00006 — 60 "		0.0015	
0.00007 — 70 "		0.00175	50 cents
0.00008 — 80 "		0.002	
0.0001 — 100 "		0.0025	
0.00012 — 120 "			
0.00015 — 150 "		0.003	
0.000175 — 175 "		0.0035	60 cents
0.0002 — 200 "	40 cents	0.004	
0.00025 — 250 "			
0.0003 — 300 "		0.005	70 cents
0.00035 — 350 "		0.006	85 cents
0.0004 — 400 "		0.007	90 cents
0.0005 — 500 "		0.0075	95 cents
0.0006 — 600 "		0.008	\$1.00
0.0007 — 700 "		0.01	1.15
0.0008 — 800 "		0.012	1.20

With Resistor Clips, 10 cents extra.

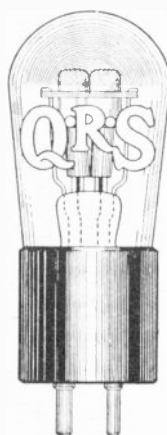


Build the new LR-4 9 tube ultradyne with the Multi-Choke—specified by R. E. Lacault who is the originator of the ultradyne. 4 Multi-Chokes to a set.

Price each \$6.50

Q. R. S.

Full Wave Rectifier



A 6 Months Guarantee Without Restriction as to Hours of Service.

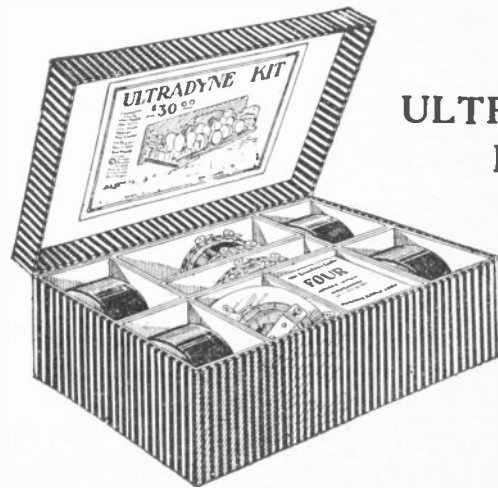
Q. R. S. Guarantee

This Q. R. S. 400 Milliamp Rectifier or Eliminator tube was manufactured by the Q. R. S. Music Company and is guaranteed to be made of the highest grade materials and by skilled workmen. It was tested in actual use for output and efficiency before leaving the factory and is guaranteed for 6 months' continuous service.

If the actual date of purchase is recorder in the space provided by the dealer at the time of the sale, adjustment will be made by the dealer according to schedule on the reverse side of the guarantee card upon return of the tube and the guarantee, or if the dealer cannot supply you, send direct to us for adjustment.

400 Mill Rectifier.....\$7.00

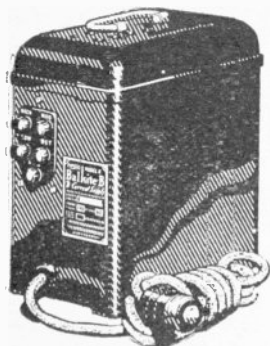
60 and 85 Mill Rectifier..... 5.00

L-2
ULTRADYNE
KIT

\$30.00
List

The famous L-2 Ultradyne Kit developed by R. E. Lacault. This is the 8 tube super which won all the long distance prizes.

Complete essential kit.....\$30.00



Balkite "B"-X

MODEL X. Recommended for sets of 5 to 8 tubes or less (including power tubes) where 90 to 135 volts are required. Intermediate and detector taps give proper outputs for the various circuits. Output rating 30 milliamperes at 135 volts at 115 line volts. Watts consumption, 12. Dimensions $8\frac{3}{8}$ " x $8\frac{3}{8}$ " x $4\frac{1}{2}$ ". Net weight 14 lbs. Packed 21 lbs. Balkite "B," Model X. Price \$42.00



The Balkite Combination Radio Power Unit

BALKITE COMBINATION RADIO POWER UNIT. When connected to the "A" battery this new Balkite Combination Power Unit furnishes automatic power to both the "A" and "B" circuits. It is controlled by the filament switch on the set and is automatic in operation. Once connected to the battery and set and plugged into the lighting circuit it delivers full even current to both circuits whenever the set is turned on.

This new Balkite Combination is so simple it can be installed in a few minutes. Because it is automatic in operation it can be put either near the set or in a remote location. Like all other Balkite Power Units it has no bulbs, nothing to wear out or replace, and is a permanent piece of equipment. It is noiseless in operation.

The Balkite Combination will serve any set now using either a 4 or 6-volt "A" battery and requiring not more than 30 milliamperes of "B" current at 135 volts. This includes practically all sets up to 8 tubes.

Operates from 110-120 volt AC current. Models for both 60 and 50 cycles. Watts consumption 15. It is very small. Dimensions $8\frac{3}{4}$ " high x $4\frac{1}{2}$ " wide x 14" long. Net weight 20 lbs. Packed 30 lbs.

Balkite Combination Radio Power Unit, Model KX

Price..... \$59.50

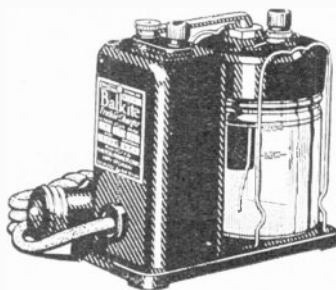
FAN STEEL Balkite



BALKITE MODEL "Y"

MODEL Y. This universal unit has a very high output. It is specially designed for sets using the new UZ112 and UX171 power tubes. It meets the needs of very large sets where volume and tone quality are required. It is provided with intermediate taps for smaller sets. Its low resistance circuit gives excellent regulation over the entire operating range. Output rating 40 milliamperes at 150 volts at 115 line volts. Watts consumption 17. Dimensions $8\frac{3}{4}$ " x 13" x $4\frac{1}{2}$ ". Net weight 29 lbs. Pack \$69.00

Balkite "B," Model Y. Price.....



The Balkite Trickle Charger

BALKITE TRICKLE CHARGER—Model K. For radio "A" batteries. Charging rate approximately .5 amperes. It is the most convenient of all means of battery charging. Once connected to your battery it is left on continuous or trickle charge. Instead of operating intermittently at a high rate it operates continuously at a low rate, thus automatically keeping the battery at a full power. It eliminates the attention usually required by the "A" battery and converts the battery into a complete radio power unit supplying "A" current from the light socket.

Can be used as a trickle charger with any 6-volt "A" battery. With 4-volt batteries it can be used as intermittent charger. Or as a trickle charger if a resistance is added. It is noiseless in operation and, in most instances, can be used during reception.

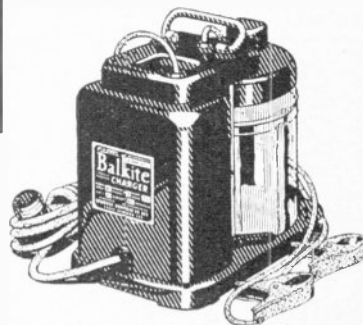
Operates from 110-120 volt AC current. Models for both 60 and 50 cycles. Watts consumption 15. Dimensions $5\frac{1}{4}$ " high x $2\frac{3}{4}$ " wide x $5\frac{1}{2}$ " long. Net weight $4\frac{1}{2}$ lbs. Weight packed $6\frac{1}{4}$ lbs

Balkite Trickle Charger Model K. Price..... \$10.00



Balkite "B"-W

MODEL W. The new, popular low-priced model. Recommended for sets having 5 tubes or less and requiring 67 to 90 volts. Has separate tap for detector tubes. Watts consumption, 7. Dimensions $8\frac{3}{16}$ " x $3\frac{1}{4}$ ". Net weight 11 lbs. Packed $14\frac{1}{2}$ lbs. Balkite "B." Model W. Price..... \$27.50



The New Balkite Charger

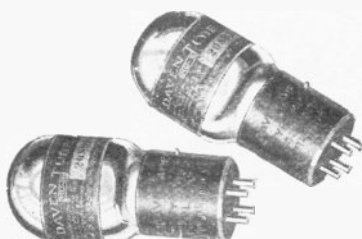
with both Trickle and High Charging rates

BALKITE CHARGER—Model J. For either 4 or 6-volt "A" batteries. This new model Balkite Charger has two charging rates: A low rate which when used on continuous or trickle charge will usually be enough to keep the storage battery at full power. A high rate heavy duty use. In case the set is used so much that excessive "A" current is required a few hours' operation at the high rate will quickly bring the battery to full power. This charger can thus be used either as a Trickle Charger, or as an intermittent charger like the old Model H Balkite Battery Charger. It combines the advantages of trickle and rapid charging. Charging rates: To 6-volt battery, high rate 2.5 amperes; low rate .5 amperes. To 4-volt battery, high rate .8 amperes; low rate .2 amperes.

The Balkite Charger is noiseless in operation. In most cases it can be used while the set is in operation. Its large capacity makes necessary the addition of water (distilled water only) 5 or 6 times a year when used as a trickle charger.

Operates from 110-120 volt AC current. Models for both 60 and 50 cycles. Also for 25-40 cycles with 1.5 ampere high-rate. Dimensions $7\frac{3}{4}$ " high x $8\frac{1}{2}$ " long x $5\frac{3}{4}$ " wide. Net weight 14 $\frac{1}{2}$ lbs. Packed weight 20 lbs. Watts consumption at high rate, 60. At low rate, 6 volts, 18 watts; 4 volt, 9 watts.

Balkite Charger Model J Price..... \$19.50



Daven MU-20 for resistance and impedance coupled amplifiers. Price.....\$3.00

Daven MU-6, a power tube to be used in the last stage of audio in any set or circuit.

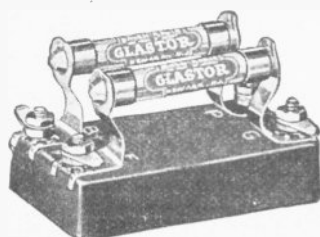
Price\$4.50



Daven Mounting

Base of molded bakelite, hole for fastening screw and soldering lugs for easy connection.

Price..... 35c



Resisto-Couplers

For those who want to build their own amplifier unit.

Price, without Resistors.... \$1.50

"The Resistor Manual"

The "Resistor Manual" is a complete treatise, interestingly and comprehensively written, of resistance-coupled amplifications. The Manual includes diagrams and circuits to illustrate the text.

Price 25c



Daven Glastors

The Transparent Resistors

The Glastor, the newest development in radio resistances, we have entirely eliminated the use of impregnated fibre, paper or similar substances. We have replaced it with an entirely new Daven discovery—DAVEN PROCESSED GLASS. The result, a noiseless, changeless resistor, which will carry the highest current known in the field of radio resistances. Made in a complete range of resistances—.0025 to 10, megohms.

.0025 to .005	.....	\$1.00
.012 to .1	.....	.75
.25 to 10,	.....	.50

DAVEN RADIO ACCESSORIES



The Heart of the Audio End

The Daven Super Amplifier

For the past two years the Daven Super Amplifier has held the unique position of being the only Amplifying System that reproduced all music without audible distortion.

The combination of the Daven Super Amplifier and the Daven Tubes will do wonders for your set.

Every Daven Amplifier is thoroughly tested and re-tested before it leaves our factory, and is guaranteed to operate satisfactorily without experimenting.

Naturally the Daven Super Amplifier is an integral part of the Daven Bass Note Circuit.

Price, without tubes.....\$12.50

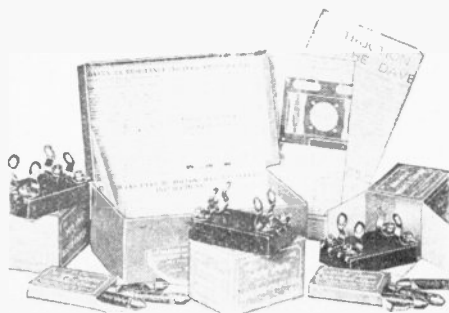


Daven Ballast Resistors

Eliminates the rheostat. No. 1 for one tube, No. 2 for two tubes, up to and including 5 tubes.

All sizes, including special mounting as illustrated.

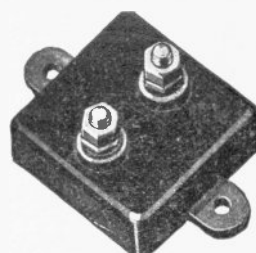
Price at\$1.00



Amplifier Kit

Complete kit for experimenters to make a Daven Amplifier.

Price\$8.00



Type "A" Condenser

Another reason for superiority of Daven Amplification; small in size and easily attached.

Price\$1.00

Daven Hi-Duty Glastor



These are the ideal resistances for "B" Eliminator work. Made in low resistance values with high current carrying capacity, and made with soldering lugs for easy installation.

Ohms	Megohms	Current Carrying Capacity
2,500	.0025	.28
4,000	.004	.22
5,000	.005	.20
8,000	.008	.18
10,000	.01	.14
12,000	.012	.12.5
15,000	.015	.11.5
25,000	.025	.8.9
50,000	.05	6.35
100,000	.1	4.48
500,000	.5	2.00
1,000,000	1.	1.42

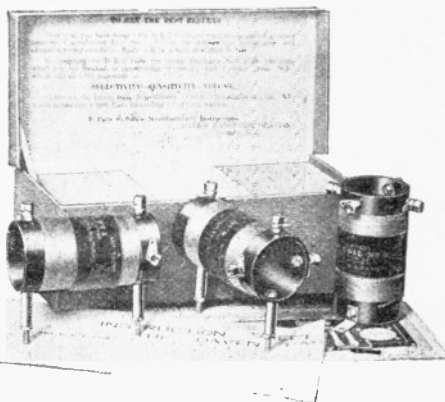
All Sizes—Priced at.....\$1.00



Daven Leakandensers

One instead of two—the new Daven Leakandenser takes the place of the grid resistor and the grid condenser. Moisture-proof and not affected by temperature changes, the Daven Leakandenser insures perfect detection—all the time. Fitted with soldering lugs for easy assembly—or it can be mounted in our standard mounting.

Priced at\$1.00



With these coils the Daven engineers have successfully combined sensitivity and selectivity with volume and ease of control.

Price, per set of three coils.....\$8.00

CONFIDENTIAL DEALER'S DISCOUNT SHEET

GRAYMORE RADIO CORPORATION

142 Liberty Street, New York, N. Y.

Long Distance Telephones Rector 6646-6647

PRICES—All prices and discounts are subject to market fluctuations and change without notice.

TERMS—We allow a 3 per cent discount if cash is sent with your order. A 2 per cent discount is allowed on C.O.D. orders.

SHIPMENTS—We recommend express shipment. Should you prefer parcel post you must include additional amount for postage. You will find a parcel post schedule on Page 3 of the Catalogue. All shipments are F.O.B. New York.

SHORTAGES—All claims for shortages will be made within 3 days after receipt of order.

SEE PAGES 2 and 3—For additional data on our Policy and "How to Order" instructions.

Every item carried by the Graymore Radio Corporation appears in these pages with list prices. Tear out this net price sheet and keep them separate. Let your customer look the catalogue over; it will help make sales for you.

	List Price	Your Cost
Page 4		
The Loftin-White	\$85.10	\$ 55.32

	List Price	Your Cost
Page 5		
Hi Q Book.....	.25	.16
Complete Set of Hi Q Parts.....	63.05	40.98
Hi Q Cabinet	19.50	12.70
Hi Q Foundation Unit.....	10.50	6.83

	List Price	Your Cost
Page 6		
Victoreen Parts	84.60	50.76
Victoreen No. 170 or 171 R. F. Trans.....	7.00	4.20
No. 160 Antenna Coupler.....	3.50	2.10
No. 150 Coupling Unit.....	5.50	3.30

	List Price	Your Cost
Page 7		
Browning-Drake Kit	25.00	16.25
Complete Set of Parts.....	62.65	39.84

	List Price	Your Cost
Page 8		
Amsco Resistance Couplers	1.25	.75
Single Units No. 514.....	3.00	1.80
Single Units No. 516.....	3.00	1.80
Single Units No. 518.....	3.25	1.85
Single Units No. 526.....	3.75	2.25
Siamese Units No. 1014.....	6.00	3.60
Siamese Units No. 1016.....	6.00	3.60
Siamese Units No. 1018.....	6.50	3.90
Siamese Units No. 1026.....	7.50	4.50
Amsco Orthophone	6.00	3.60

	List Price	Your Cost
AMSCO ALLOCATING CONDENSERS		
No. 1211 Single Units.....	2.75	1.65
No. 1213 Single Units.....	2.75	1.65
No. 1217 Single Units.....	3.00	1.80
No. 1223 Single Units.....	3.50	2.10
Siamese Units No. 1222.....	5.50	3.30
Siamese Units No. 1226.....	5.50	3.30
Siamese Units No. 1234.....	6.00	3.60
Siamese Units No. 1246.....	7.00	4.20
Triple Units No. 1514.....	12.00	7.20
Triple Units No. 1516.....	12.00	7.20
Triple Units No. 1518.....	13.00	7.80
Triple Units No. 1526.....	15.00	9.00

	List Price	Your Cost
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Complete Parts for Shielded Six.....	95.00	61.75
Type 633 Six Essential Kit.....	45.00	29.25
No. 635 Short Wave Essential Kit.....	23.00	14.95

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Karas Five Tube Sensation.....	88.64	57.62
R. B. Lab Circuit.....	79.40	47.65

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Page 11		
New Amertran Automatic Power Unit Parts.....	108.10	70.26
Federal No. 25 1850 Ohm.....	1.75	1.14

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Page 12		
Sonatron Type X199.....	2.25	1.13
Sonatron Type X201A.....	1.75	.88
Sonatron Type X171A.....	5.00	2.50
Sonatron Type X112.....	4.50	2.25
Sonatron Amplifier with 3 Red, White and Blue Matched Tubes	20.00	10.00
Type R. F. 201A.....	3.00	1.50
Type X 200A.....	4.00	2.00
Type X 171.....	4.50	2.25
Type X 112A.....	5.00	2.50

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Parts for Hi-Q Lamp Socket Power.....	50.55	32.86

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Autoformers R-190	5.00	3.00
R198 Power Transformer.....	12.00	7.20
C. W. Trans. Filament T120	6.00	3.60
C. W. Trans. Filament T121 Unmounted.....	8.00	4.80
C. W. Trans. Filament T122	12.50	7.50
C. W. Trans. Filament T120	7.00	4.20
C. W. Trans. Filament T121 Mounted.....	10.00	6.00
C. W. Trans. Filament T122	15.00	9.00
R-200 Transformer Thordarson	8.00	4.80
Thordarson Super Amplifying Transformers 6 to 1 ratio	4.50	2.70
Thordarson Super Amplifying Transformers 3½ to 1 ratio.....	4.00	2.40
Thordarson Super Amplifying Transformers 2 to 1 ratio	5.00	3.00
Plate Supply T125.....	11.00	6.60
Plate Supply T126 Price Unmounted.....	16.00	9.60
Plate Supply T127.....	27.00	16.20
Plate Supply T125.....	13.00	7.80
Plate Supply T126 Mounted.....	18.00	10.80
Plate Supply T127.....	30.00	18.00
New R171 Thordarson Power Compact.....	15.00	9.00
New R210 Thordarson Power Compact.....	20.00	12.00
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Type R197	7.00	4.20
Type R196 Choke Coil.....	5.00	3.00
Autoformers R190	5.00	3.00

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Page 15		
Ferranti A. F. 3.....	12.00	7.20
Ferranti A. F. 4.....	8.50	5.10
Ferranti Output	10.00	6.00

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Leaf-Burkhard	25.00	15.00
O'Neil 17½" Cone.....	12.75	7.65
O'Neil 14" Cone.....	8.50	5.10
Spartan Junior	12.50	7.50
Spartan Horn Speaker Model 500.....	18.50	11.10

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Page 17		
Yaxley Power Control No. 444.....	5.00	3.00
Yaxley Power Control No. 445.....	6.00	3.60
Yaxley Cable Connector Plug.....	3.50	2.10

Page 33	List Price	Your Cost
The White Cross Dialer.....	1.25	.75
Davy Type RFT-2.....	55.00	38.50
Brach Controlit R4.....	4.50	2.70
Brach Controlit R6.....	4.50	2.70

MARKO STORAGE BATTERIES

6A 60 Ampere Hour.....	11.00	8.25
6A 90 Ampere Hour.....	15.00	11.50
6A 120 Ampere Hour.....	18.00	13.75

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CARTER JACKS

No. 101.....	.70	.42
No. 102A.....	.80	.48
No. 103.....	.90	.54
No. 104.....	1.00	.60
No. 105.....	1.10	.66
No. 107.....	1.39	.84
No. 106.....	1.20	.72
No. 104A.....	1.00	.60
No. 103A.....	.90	.54
No. 102.....	.80	.48
No. 2.....	1.00	.60
No. 3.....	1.15	.69
No. 4.....	1.30	.78
No. 6.....	1.60	.96
Carter Aerial-Ground Outlet Jack Code No. 620.....	.90	.54

EBY BINDING POSTS

Ace Plain Knob.....	.10	.06
Ensign Plain Knob.....	.15	.09
Ensign Engraved Knob.....	.15	.09
Commander Plain Knob.....	.20	.12
Commander "S" Plain Knob.....	.25	.15

CARTER SHORT JACKS

Code No. 1 Open Circuit.....	.25	.15
Code No. 2A Closed Circuit.....	.30	.18

YAXLEY IMPROVED RADIO JACK

No. 1.....	.50	.30
No. 2.....	.60	.36
No. 2A.....	.60	.36
No. 3.....	.70	.42
No. 3A.....	.70	.42
No. 3C.....	.70	.42
No. 4.....	.80	.48
No. 4A.....	.80	.48
No. 5.....	.90	.54
No. 6.....	1.00	.60
No. 7.....	1.10	.66

YAXLEY IMPROVED JACK SWITCHES

No. 20.....	.75	.45
No. 30.....	.90	.54
No. 40.....	1.00	.60
No. 45.....	1.15	.69
No. 60.....	1.25	.75

PACENT PHONE JACKS

No. 61.....	.50	.30
No. 62.....	.55	.33
No. 63.....	.60	.36
No. 64.....	.65	.39
No. 65.....	.70	.42
No. 66.....	.75	.45
No. 67.....	.85	.51
No. 68.....	.90	.54
No. 69.....	.90	.54
No. 70.....	.90	.54
Carter Hi-Ohm Volume Control.....	2.50	1.50

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Clarostat.....	2.25	1.35
Airgap Socket Type UX.....	.60	.36
Automatic Safety Switch.....	3.75	2.25
Precise Super Audio Transformer No. 480, 5 to 1 ratio.....	5.00	3.00
Precise Super Audio Transformer, No. 480, 2 1/2 to 1 ratio.....	5.00	3.00
Precise Straight Line Tuning Condenser No. 999, .00025 (250 mm).....	2.50	1.50
Precise Straight Line Tuning Condenser No. 999, .00035 (350 mm).....	2.75	1.65
Precise Straight Line Tuning Condenser No. 999, .0005 (500).....	3.00	1.80
Precise Microdenser 10 Mmf.....	1.25	.75
Precise Microdenser 30 Mmf.....	1.50	.90
Precise Microdenser 55 Mmf.....	1.50	.90
Precise Microdenser 100 Mmf.....	1.75	1.05
Precise Microdenser 135 Mmf.....	2.00	1.20

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Electrad Phasatrol.....	2.75	1.65
Centralab Station Selector.....	1.00	.60
S-M 220 Audioformer.....	8.09	4.80
Type 221.....	7.50	4.50
Type 222.....	8.00	4.80
Type 329 Power Transformer.....	9.00	5.40
Type 330 Power Transformer.....	9.00	5.40
Type 331 Unichoke.....	8.00	4.80
Type 332 Condenser Bank.....	12.50	7.50
The New Hammerlund Equalizer.....	.50	.33
The Abox Filter.....	19.50	11.70

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List Price	Your Cost
ELECTRAD ROYALTY VARIABLE	
Type A—Variable.....	1.50 .90
Type B—Variable.....	1.50 .90
Type C—Variable.....	1.50 .90
Type D—Variable.....	1.50 .90
Type E—Variable.....	2.00 1.20
Type F—Variable.....	1.50 .90
Type G—Variable.....	1.50 .90
Type H—Variable.....	1.50 .90
Type J—Variable.....	1.50 .90
Type K—Variable.....	1.50 .90
Type L—Variable.....	1.50 .90

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650C.....	33.50	20.10
650D.....	29.00	17.40
652B Reservoir B Kit.....	34.50	20.70
The Ensco 3 Ft. Cone Speaker.....	10.00	6.50
Aero 3 Circuit Tuner.....	6.50	3.90
Tuned Radio Frequency Kit.....	12.00	7.20
Coil No. 4.....	4.00	2.40
Coil No. 5.....	4.00	2.40
Int. Zero Coil.....	4.00	2.40
Aero Radio Frequency Kit.....	12.50	7.50
Aero Radio Frequency Kit.....	10.00	6.00

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Pacent Rheostat 196A 6 Ohms.....	.75	.45
Pacent Rheostat 196B 10 Ohms.....	.75	.45
Pacent Rheostat 196C 20 Ohms.....	.75	.45
Pacent Rheostat 196D 30 Ohms.....	.75	.45
Potentiometers No. 198B 400 Ohms.....	.75	.45

DAVEN RESISTORS AND GRID LEAKS

2,500.....	.00025.....	1.00	.60
5,000.....	.005.....	1.00	.60
12,000.....	.012.....	.75	.45
25,000.....	.025.....	.75	.45
50,000.....	.05.....	.75	.45
100,000.....	.01.....	.75	.45
250,000.....	.25.....	.50	.30
500,000.....	.5.....	.50	.30
1,000,000.....	.1.....	.50	.30
2,000,000.....	.2.....	.50	.30
3,000,000.....	.3.....	.50	.30
4,000,000.....	.4.....	.50	.30
5,000,000.....	.5.....	.50	.30
7,000,000.....	.7.....	.50	.30
10,000,000.....	.10.....	.50	.30
A Complete Antenna Kit.....		5.00	3.00
Na-Ald No. 2172 Double Condenser.....		8.00	4.80
Na-Ald No. 2173 Triple Condenser.....		10.00	6.00
Na-Ald No. 2174 Quadruple Condenser.....		15.00	9.00
Na-Ald No. 2170 Double Condenser.....		10.00	6.00
Pacent Input Superaudioformer Unshielded 27A.....		6.00	3.60
Pacent Input Superaudioformer Shielded 27A.....		7.50	4.50
Pacent Output Type No. 27B Unshielded.....		6.00	3.60
Pacent Output Type No. 27B Shielded.....		7.50	4.50
Pacent Audiochoke No. 29 Unshielded.....		5.00	3.00
Pacent Audiochoke No. 29 Shielded.....		6.50	3.90
No. 304 Na-Ald Truphonic.....		25.00	15.00
No. 306 Na-Ald Truphonic.....		25.00	15.00
No. 307 Na-Ald Truphonic.....		27.00	16.00
No. 300 Output Unit.....		5.00	3.00
Single Coupler No. 301.....		5.00	3.00
No. 301RI Stage Unit.....		5.00	3.00
The New Walbert Penetrola.....		35.00	21.00
Penetrola Kit without Cabinet.....		15.00	9.00

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No. 230 Rheostat 30 Ohms Resistance.....	1.00	.60
No. 220 Rheostat 20 Ohms Resistance.....	1.00	.60
No. 210 Rheostat 10 Ohms Resistance.....	1.00	.60
No. 206 Rheostat 6 Ohms Resistance.....	1.00	.60
No. 203 Rheostat 3 Ohms Ribbon Resistance.....	1.25	.75
No. 202 Rheostat 2 Ohms Ribbon Resistance.....	1.25	.75
No. 110 Potentiometers 400 Ohms.....	1.75	1.05
No. 111 Potentiometers 2,000 Ohms.....	2.00	1.20
No. 500M Modulator 500,000 Ohms.....	2.00	1.20
No. 500Ms.....	2.30	1.38
No. 50M.....	2.00	1.20
No. 10M.....	2.00	1.20
No. 2M.....	2.00	1.20

RADIOHM VARIABLE HIGH RESISTANCE

No. 2M.....	2.00	1.20
No. 25M.....	2.00	1.20
No. 50M.....	2.00	1.20
No. 51M.....	2.00	1.20
No. 100M.....	2.00	1.20
No. 200M.....	2.00	1.20
No. 500M.....	2.00	1.20
Carter Rheostat 25 Ohms.....	1.00	.60
Yaxley Rheostat.....	1.35	.81
Potentiometer.....	1.75	1.05

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Brach No. 14 Size.....	1.00	.75
Model B. S. 1 Small 3/4".....	2.50	1.63

0.007595	.57
0.008	1.00	.60
0.01	1.15	.69
0.012	1.20	.72
Madison Multi-Chokes, each.....	6.50	3.90
Ultradyné Kit, complete.....	30.00	18.00
Q. R. S. 400 Mill Rectifier.....	7.00	4.20
Q. R. S. 60 or 85 Mill Rectifier.....	5.00	3.00

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Balkite B X Model X.....	42.00	25.20
The Balkite Combination Radio Power Unit.....	59.50	35.70
Balkite Model Y.....	69.00	41.40
Balkite Trickle Charger.....	10.00	6.00
Balkite B-W	27.50	16.50
Balkite Charger Model J.....	19.50	11.70

Page 24

Daven Mu 20 Amplifiers.....	3.00	2.10
Daven Mu 6 Power Tube.....	4.50	2.75
Daven Mounting .....	.35	.21
Resisto-Couplers	1.50	.90
The Resistor Manual .....	.25	.15
Daven Glastors .0025 to .005.....	1.00	.60
Daven Glastors .012 to .1 .....	.75	.45
Daven Glastors .25 to .10 .....	.50	.30
The Daven Super Amplifier.....	12.50	7.50
Daven Ballast Resistors	1.00	.60
Amplifier Kit	8.00	4.80
Type A Condenser	1.00	.60
Daven Hi-Duty Glastor.....	1.00	.60
Daven Leakandensers	1.00	.60
Daven Set of Three Coils.....	8.00	4.80

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NA-ALD NEW CUSHION SOCKETS

401 S50	.30
409 S50	.30
481 X S50	.30

REGULAR BINDING POST MOUNTING

Na-Ald No. 400.....	.75	.45
Na-Ald No. 401.....	.35	.21
Na-Ald No. 411.....	.75	.45
Na-Ald No. 499.....	.50	.30
No. 411 Na-Ald Socket.....	.75	.45
No. 401 Na-Ald Small Space Socket.....	.35	.21
Na-Ald De Luxe Sockets.....	.75	.45
Eby Cushion Socket.....	.50	.30
Electrad Lead-In .....	.40	.24
Benjamin Push Type Socket without Mounting Base .....	.75	.45
For Direct Mounting 3/16" Panel.....	.50	.30
Without Mounting Base for Direct Mounting 1/3" Panel.....	.50	.30

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Mayolian B Type 611.....	51.50	30.90
Type 612	36.50	21.90
Type 607	35.00	21.00
Type 614	51.50	30.90

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Mayolian Tone Filter Type 1668.....	6.50	3.90
Choke Type 1666.....	5.00	3.00
B Transformer Type 875	7.00	4.20
Trann Choke Type 885.....	15.00	9.00

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Super Automatic Model No. 712-S.....	7.50	4.50
Donle Bristol Type B-6 Detector.....	5.00	3.00

MOUNTFORD

750—2"	1.00	.60
1,000—2"	1.00	.60
1,500—2"	1.00	.60
3,000—2"	1.00	.60
3,500—2"	1.00	.60
5,000—2"	1.00	.60
10,000—2"	1.00	.60
25,000—2"	1.25	.75
50,000—2"	1.50	.90
Durham Socket Tube Receiver.....	4.50	2.70

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Battery Gajit	1.25	.75
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SAMSON TRANSFORMERS

Samson Symphonic Transformers.....	9.00	5.85
Samson H WA 3 Transformers.....	5.00	3.45
Samson Dual Impedance	5.00	3.45
Samson Output Impedance.....	5.00	3.45
The Amer-Tran PF32.....	18.00	11.70
The Amer-Tran PF64 mm.....	15.00	9.75
The Amer-Tran PF38 mm.....	20.00	13.00
The Amer-Tran Power Pack Kit.....	63.50	41.28
The Amer-Tran De Luxe.....	10.00	6.50
Amer-Tran Types AF-7 and AF-6.....	5.00	3.25

Amer-Tran Resistor Type 400.....	7.50	4.88
Amer. Heater Tranns. Type H-28.....	10.00	6.50
Amer-Choke Type 854.....	6.00	3.90
The Brach Controlit R4.....	4.50	2.70
Amer-Choke Type 709.....	10.00	6.50
Amer-Choke Type 418.....	6.00	3.90

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NEW IMPROVED HAMMARLUND S. F. L. CONDENSERS

S-F-L 23 .0005 Mfd.....	5.00	3.25
S-F-L 17 .00037 Mfd.....	4.75	3.09
S-F-L 13 .0003 Mfd.....	4.65	3.03
S-F-L 11 .00025 Mfd.....	4.50	2.93
S-F-L 5 .0001 Mfd.....	4.25	2.77

HAMMARLUND TRANSMITTING CONDENSER

T-C 12 .0001 Mfd.....	6.00	3.90
T-C 22 .0002 Mfd.....	7.00	4.55
T-C 43 .0004 Mfd.....	10.00	6.50
Pacnet No. 250C.....	4.50	2.93
Pacnet No. 250B.....	3.50	2.28

THE MIDLINE CONDENSER

M-L 23 .0005 Mfd.....	5.00	3.25
M-L 17 .00035 Mfd.....	4.75	3.09
M-L 13 .00029 Mfd.....	4.65	3.03
M-L 11 .00025 Mfd.....	4.50	2.93
M-L 5 .0001 Mfd.....	4.25	2.77

HAMMARLUND MULTIPLE CONDENSER

11 Plates .00025 Mfd.....	7.00	4.55
13 Plates .0003 Mfd.....	7.50	4.88
17 Plates .00035 Mfd.....	8.00	5.20
23 Plates .0005 Mfd.....	8.50	5.53

HAMMARLUND JR. MIDGET

M-C 5-16 Mmfd.....	1.80	1.17
M-C 9-32 Mmfd.....	1.80	1.17
M-C 11-50 Mmfd.....	1.80	1.17
M-C 15-64 Mmfd.....	2.00	1.30

The New Hammarlund Auto-Couple Frequency

Assembly	10.25	6.77
Hammarlund H-R Coils	5.00	3.25
H-R 23 Coils for All Roberts.....	7.50	4.88
Antenna Coupler	3.00	1.95
R-F 17 Neutrodyne Coils.....	7.50	4.88
Low-Wave Receiving Coils Per Inch.....	.40	.26
R. F. Choke Coils Per Inch.....	.40	.26

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TYPE CARDWELL RECEIVING CONDENSER

192-E .0005 Mfd.....	5.00	3.00
169-E .00035 Mfd.....	4.75	2.75
168-E .00025 Mfd.....	4.25	2.50
167-E .00015 Mfd.....	4.00	2.40
191-E .000075 Mfd.....	4.00	2.40
Single, Type 171-C.....	4.75	2.75
Dual, Type 217-C.....	8.00	4.80
Triple, Type 317-C.....	12.00	7.20

MIDGET CONDENSERS

Type 607-A .000025.....	1.25	.75
Type 609-A .000035.....	1.25	.75
Type 613-A .000050.....	1.50	.90
Type 614-A .000025.....	2.25	1.35
Type 622-A .000040.....	2.50	1.50

INDUCTORS

Type 196-A Single	1.50	.90
Type 196-A 2 Sets of Two.....	2.75	1.65
Type 196-A 3 Sets of Three.....	4.00	2.40
Type 198-C R. F. Choke.....	1.50	.90
Sub Panel Brackets Type 195.....	.75	.45
Mounting Feet25	.15

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Ekko Ground Clamp.....	.25	.15
Ekko Connector No. 1.....	.25	.15
Ekko Connector No. 3.....	.20	.12
Ekko Connector No. 4.....	.30	.18
Ekko Connector No. 5.....	.25	.15
Mountford Variable Grid Leak.....	.50	.30

BELDEN RADIO TERMINAL PACKETS

New .....	.10	.06
Conoid .....	.10	.06
Consol .....	.10	.06
Amperite for Any Tube.....	1.10	.70
Belden Radio Cord (5).....	2.00	1.20
Belden Radio Cord (7).....	2.25	1.35
Electrad Audiohm	1.50	.90
Hammarlund Low-Wave Rec. Condenser....	4.50	2.93

No. 137 Radio Convenience Outlet with Plug for Battery Connections	2.50	1.50
No. 135 Radio Convenience Outlet for Loud Speaker and Head Phones	1.00	.60
No. 136 Radio Convenience Outlet for Aerial and Ground	1.00	.60

RESISTANCE UNITS

No. 801—1 Ohm	each.....	.15	.09
No. 802—2 Ohms			
No. 803—3 Ohms			
No. 804—4 Ohms			
No. 805—5 Ohms			
No. 806—6 Ohms			
No. 808—8 Ohms	each.....	.15	.09
No. 810—10 Ohms			
No. 815—15 Ohms			
No. 820—20 Ohms			
No. 825—25 Ohms			
No. 830—30 Ohms			
No. 840—40 Ohms	each.....	.25	.15
No. 850—50 Ohms			
No. 8100—100 Ohms			
No. 8200—200 Ohms			
No. 8400—400 Ohms			

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No. 670 Cable Connector	4.00	2.40
Pin Plug with 7.15" Leads	1.50	.90
No. 134 Radio Convenience Outlet	2.50	1.50
No. 235 for Loud Speaker Connections	2.00	1.20
No. 238 for Loud Speaker and Aerial and Ground Connections	2.00	1.20
No. 239 for Aerial and Ground and Battery Connections	3.50	2.10
No. 350 for Loud Speaker Aerial and Ground and Battery Connections	4.50	2.70
Rheostats Complete with Knob as Listed	1.35	.81
No. 200—200 Ohms	1.75	1.05
No. 400—400 Ohms	1.75	1.05
No. 1000—1000 Ohms	2.00	1.20
No. 12 with Designation Plate	1.25	.75
No. 16 Midget Jack30	.18
No. 15 Midget Plug15	.09

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YAXLEY JACKS

No. 1 Open Circuit50	.30
No. 2 Circuit Closing60	.36
No. 2A Two Circuit60	.36
No. 3 Single Circuit Filament Control .....	.70	.42
No. 3A Circuit Reversing .....	.70	.42
No. 3C Double Circuit .....	.70	.42
No. 4 Interstage .....	.80	.48
No. 4A Two Circuit Filament Control .....	.80	.48
No. 5 Two Circuit Filament Lighting .....	.90	.54
No. 6 Interstage Filament Control	1.00	.60
No. 7 Interstage Filament Lighting	1.10	.66

YAXLEY JUNIOR JACKS

No. 701 Open Circuit .....	.40	.24
No. 702 Circuit Closing .....	.55	.33
No. 702A Two Circuit .....	.55	.33
No. 703 Single Circuit Filament Control .....	.65	.39
No. 703A Circuit Reversing .....	.65	.39
No. 703C Double Circuit .....	.65	.39
No. 704 Interstage .....	.75	.45
No. 704A Two Circuit Filament Control .....	.75	.45
No. 705 Two Circuit Filament Lighting .....	.85	.51
No. 706 Interstage Filament Control .....	.95	.59
No. 707 Interstage Filament Lighting	1.05	.63
No. 416 Pup Jack .....	.15	.09
No. 415 Pup Plug .....	.10	.06
No. 330 Panel Light .....	.50	.30

YAXLEY JACK SWITCHES

No. 20 Battery Switch .....	.75	.45
No. 30 Two Circuit .....	.90	.54
No. 63 Three Pole Double Throw	1.60	.96
No. 40 Double Circuit	1.00	.60
No. 45 Five Spring	1.15	.69
No. 60 Two Way Two Circuit	1.25	.75
No. 65 Four Pole Double Throw	2.00	1.20

YAXLEY JUNIOR JACK SWITCHES

No. 720 Battery Switch .....	.70	.42
No. 730 Two Circuit .....	.85	.51
No. 740 Double Circuit .....	.95	.57
No. 745 Five Spring	1.10	.66
No. 760 Two Way Circuit	1.20	.72
No. 100 Extension Jack .....	.75	.45
No. 50 Phone Plug .....	.50	.30
No. 75 Duplex Plug60	.36
No. 10 Midget Battery Switch50	.30
No. 210 Pilot Light Switch75	.45

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Tobe Filter Condensers Type 31070	.42
Tobe Filter Condensers Type 32575	.45
Tobe Filter Condensers Type 350 .....	.90	.54

Tobe Filter Condensers Type 301	1.25	.75
Tobe Filter Condensers Type 302	1.75	1.05
Tobe Filter Condensers Type 304	3.50	2.10
Tobe By-Pass Condensers Type 210 .....	.60	.36
Tobe By-Pass Condensers Type 225 .....	.70	.42
Tobe By-Pass Condensers Type 250 .....	.75	.45
Tobe By-Pass Condensers Type 201 .....	.90	.54
Tobe By-Pass Condensers Type 202	1.75	1.05
Tobe By-Pass Condensers Type 204	3.50	2.10
Tobe HiVoltage Condensers Type 650	2.00	1.20
Tobe HiVoltage Condensers Type 601	2.50	1.50
Tobe HiVoltage Condensers Type 602	3.50	2.10
Tobe HiVoltage Condensers Type 604	6.00	3.60
Tobe Filter and Output Condensers 401	2.00	1.20
Tobe Filter and Output Condensers 402	2.75	1.65
Tobe Filter and Output Condensers 404	4.50	2.70
Tinytobe Condensers .0001 Mfd .....	.35	.21
Tinytobe Condensers .00025 Mfd .....	.35	.21
Tinytobe Condensers .0005 Mfd .....	.35	.21
Tinytobe Condensers .001 Mfd .....	.40	.24
Tinytobe Condensers .002 Mfd .....	.40	.24
Tinytobe Condensers .005 Mfd .....	.45	.27
Tinytobe Condensers .006 Mfd .....	.45	.27
Tinytobe Condensers .01 Mfd .....	.55	.33
Tinytobe Condensers .02 Mfd .....	.60	.36
Tinytobe Condensers .00007 Mfd .....	.40	.24
Tiny Tobe Twins .002 Per Pair	1.40	.84
Tiny Tobe Twins .001 Per Pair	1.40	.84
Tiny Tobe Twins .00025 Per Pair	1.40	.84
Tiny Tobe Twins .0001 Per Pair	1.40	.84

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Tobe B Block Type 760	11.00	6.60
Tobe B Block Type 171	12.00	7.20
Tobe B Block Type 210	13.00	7.80
Filter No. 1	15.00	9.00
Tobe Raytheon Buffer Condenser	1.50	.90
Vacum TiponLeaks 10,000 Ohms	1.00	.60
Vacum TiponLeaks 20,000 Ohms	1.00	.60
Vacum TiponLeaks 25,000 Ohms	1.00	.60
Vacum TiponLeaks 50,000 Ohms .....	.75	.45
Vacum TiponLeaks 100,000 Ohms .....	.75	.45
Vacum TiponLeaks 250,000 Ohms .....	.50	.30
Vacum TiponLeaks 500,000 Ohms .....	.50	.30
Vacum TiponLeaks 1 Megohm .....	.50	.30
Vacum TiponLeaks 2 Megohms .....	.50	.30
Vacum TiponLeaks 3 Megohms .....	.50	.30
Vacum TiponLeaks 4 Megohms .....	.50	.30
Vacum TiponLeaks 5 Megohms .....	.50	.30
Vacum TiponLeaks 8 Megohms .....	.75	.45
Vacum TiponLeaks 10 Megohms	1.00	.60

VERITAS HI-CURRENT RESISTORS

2,000 Ohms	1.10	.66
2,500 Ohms	1.10	.66
3,000 Ohms	1.10	.66
5,000 Ohms	1.10	.66
7,500 Ohms	1.10	.66
10,000 Ohms	1.10	.66
50,000 Ohms .....	.90	.54
100,000 Ohms .....	.80	.48
250,000 Ohms .....	.75	.45
500,000 Ohms .....	.75	.45
1 Megohm75	.45
Tobe B Block Model 761	9.50	5.70
Tobe B Block Model 764	11.00	6.60

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SANGAMO MICA CONDENSERS

Capacity in Mfd.			
0.00004	}	.40	.24
0.00005			
0.00006			
0.00007			
0.00008			
0.0001			
0.00012			
0.00015			
0.000175			
0.0002			
0.00025	}	.50	.30
0.0003			
0.00035			
0.0004			
0.0005			
0.0006			
0.0007			
0.0008			
0.001			
0.0012			
0.0015	}	.60	.36
0.00175			
0.002			
0.0025			
0.003			
0.0035			
0.004			
0.005			
0.006			
0.007			

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List Price Your Cost

Model B. L. 1 Large 1 1/2"	2.50	1.63
Model B. S. L. 1 Large	3.00	1.95
S. Small Point Only50	.33
L. Large Point Only .....	.50	.33
C. Casing for Heat Element .....	.50	.30
Electrad Lightning Arrester Indoor Type	1.50	.90
Electrad Lightning Arrester Outdoor Type .....	.25	.18
Brach Glass Insulators	2.00	1.30
Scranton Battery Cap .....	.75	.45
Marvel Battery Tester .....	.60	.38
Cutler-Hammer Products60	.38
C-H Radio Toggle Switch60	.38
C-H Radio Switch60	.38

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New Accuratune Vernier Dial No. 111	2.00	1.20
Electrad Lamp Socket Antenna75	.45
Accuratune Rheostat Control .....	.75	.45
Mar-Co Illuminated Control No. 220	3.50	2.10
Mar-Co Illuminated Control No. 221	3.50	2.10
Mar-Co 2 Rheostat Dial No. 214 .....	.75	.45
Mar-Co 2 Rheostat Dial No. 214A .....	.75	.45

MAR-CO 4" RHEOSTAT BAKELITE VERNIER DIAL

No. 192 0-100 Black Bakelite Nickel Finish ..	2.50	1.50
No. 203 100-0 Black Bakelite Nickel Finish ..	2.50	1.50
No. 204 0-100 Black Bakelite Nickel Finish ..	2.75	1.65
No. 205 100-0 Black Bakelite Nickel Finish ..	2.75	1.65
No. 208 0-100 Mahogany Bakelite	2.75	1.65
No. 209 100-0 Mahogany Bakelite	2.75	1.65
No. 212 0-100 Mahogany Bakelite	2.50	1.50
No. 213 100-0 Mahogany Bakelite Nickel Finish	2.50	1.50

Benjamin Adjustable Brackets	1.25	.82
Rigid Type70	.45
The Davy Dry Trickle Charger	17.50	12.25

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The Pacent Powerformer	97.50	58.50
Pacent Splitab Jacks No. 61 Single Open50	.30
Pacent Splitab Jacks No. 62 Single Closed .....	.55	.33
Pacent Splitab Jacks No. 63 Double Circuit .....	.60	.36
Pacent Universal Socket No. 63 .....	.65	.39
Samson Choke Coils No. 3	3.25	1.95
No. 85 R. F. Choke	2.00	1.20
No. 125-250 M. H.	2.25	1.35
No. 500 Long Wave Choke	5.00	3.00
Samson Push Pull	19.50	11.70

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IDEAL RADIO METERS

No. 50	1.00	.60
No. 23	1.00	.60
No. 201AA	3.00	1.80
No. 199AA	3.00	1.80
No. 335 Panel Style	1.00	.60
No. 35 Panel Style	1.50	.90
Pin Jack Voltmeter No. 306	2.50	1.50

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Belden Aerial Wire

Granite—L	200 Lb. Reel	65.00	c. lb.	39.00
	In Carton	1.00		.60
	150 Ft. Coil	1.60		.96
	1000 Ft. Coil	10.00		6.00
Garter—L	25 Lb. Reel	100.00	c. lb.	62.40
	In Carton	1.00		.60
	150 Ft. Coil	1.40		.84
	1000 Ft. Coil	10.00		6.00
Gun—L	100 Ft. Coil	1.15		.69
	150 Ft. Coil	1.70		1.02
Gump—L	100 Ft. Coil	.80		.48
	150 Ft. Coil	1.15		.69

Belden Replacement Cord

Flite—A .....	.35	.21
Doily—A .....	.55	.33
Belden Battery Cord No. 614 .....	.75	.45
Belden Colorrubber Flexible Tinned		
Rio Natural 1—25 Ft. Carton .....	.40	.24
Rio Green 1—25 Ft. Carton .....	.50	.30
Rio Blue 1—25 Ft. Carton .....	.50	.30
Belden Wire for Loops Fashion B .....	.95	.57
	Floor B	1.75
Belden Lead-in Pew	50 Ft. Coil	1.15
	100 Ft. Coil	2.20
Pet	50 Ft. Coil	1.33
	100 Ft. Coil	2.00

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Master B Eliminator	22.50	13.50
D. C. Model for Direct Current	17.50	10.50
Freshman Fixo65	.39
Freshman Super Crystal	1.50	.90
Freshman Plunger Type65	.39

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List Price Your Cost

FRESHMAN MICA CONDENSERS

.0002 }35	.21
.00025 }		
.0003 }		
.00035 }		
.0005 }		

Capacities

.001 } .....	.40	.24
.0015 }		
.002 }		
.0025 }		

Capacities

.005 } .....	.75	.45
.006 }		
Antenna	1.25	.75

FRESHMAN MICA CONDENSERS

.00015 } .....	.40	.24
.00025 }		
.0005 }		
Freshman Variable Grid Leaks .....	.75	.45
Panel Type Grid Leak—Code Word Pered75	.45
Panel Type Grid Leak—Code Word Pebel	1.00	.60

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Portable 5 Radio Receiver

Set Stripped	65.00	39.00
Set Complete	84.25	50.55

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Standard Five	39.50	23.70
Standard Alden Truphonic Six	75.00	45.00

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Browning Drake Radio Set	95.00	61.75
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Page on Back of Discount Sheet

Carter Flat Plug75	.45
Yaxley Duplex Plug No. 7560	.36
Midget Battery Switch No. 10 .....	.50	.30
Midget Battery Switch No. 11 .....	.65	.39
Carter "Imp" Battery Switch .....	.65	.39
Centralab Modu Plug No. 1	2.50	1.50
Centralab Modu Plug No. 2	2.50	1.50
Carter Tip Jack Code No. 10 .....	.10	.06
Adjustable Unit	5.00	3.00
Pacent Autoplug No. 60 .....	.60	.36
Pacent Autoplug No. 60G	1.00	.60
Carter One Way Plug50	.30
Yaxley Pilot Light Switch No. 210	1.00	.60

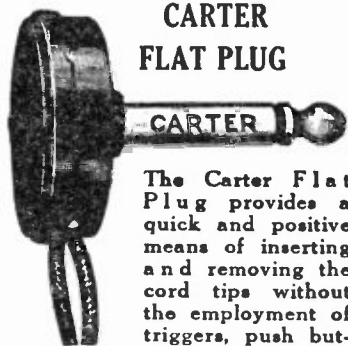
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Durham Single Mounting50	.30
Durham Single Cond. Mounting65	.39

DURHAM METALLIZED RESISTORS

12,000 Ohms .....	.75	.45
20,000 Ohms .....	.75	.45
25,000 Ohms .....	.75	.45
30,000 Ohms .....	.75	.45
50,000 Ohms .....	.75	.45
75,000 Ohms .....	.75	.45
100,000 Ohms .....	.75	.45
150,000 Ohms .....	.75	.45
200,000 Ohms .....	.75	.45
.25 Megohms .....	.50	.30
.3 Megohms .....	.50	.30
.5 Megohms .....	.50	.30
.75 Megohms .....	.50	.30
1. Megohms .....	.50	.30
1.5 Megohms .....	.50	.30
2. Megohms .....	.50	.30
2.5 Megohms .....	.50	.30
3. Megohms .....	.50	.30
3.3 Megohms .....	.50	.30
4. Megohms .....	.50	.30
5. Megohms .....	.50	.30
Electrad No. 1	3.50	2.10
Electrad No. 2	4.50	2.70
Semi-Floating Armature Unit	10.00	6.00
Without Stand	9.50	5.70
Bodine De Luxe Loop	12.00	7.20
Spartan Featherweight Phones	5.50	3.30

CARTER FLAT PLUG



The Carter Flat Plug provides a quick and positive means of inserting and removing the cord tips without the employment of triggers, push buttons or other such devices that are now found in so-called automatic plugs. The shape of the handle conforms with that of knobs and dials. The cord tips are completely concealed from view. The cord tips hang from the bottom of the handle. Here is an accessory that adds distinct refinement and finish to any set.
Price, each 75c



YAXLEY DUPLEX PLUG

Same general construction as One-Phone Plug, only has screw terminals for connecting two or more phones. Knurled binding screws have coil slots—no screw driver required.
No. 75. Price..... 60c



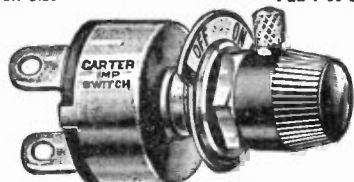
YAXLEY MIDGET BATTERY SWITCH

The most efficient filament control switch made. One nut mounting in $\frac{1}{4}$ " panel hole. Hard rolled phosphor bronze springs, pure silver contacts. Terminals tinned for soldering. Insulated from brass frame. Furnished complete with "Off" and "On" plate.
No. 10. Price..... 50c
Same as No. 10 excepting it has 3 springs for two-circuits.
No. 11. Price..... 65c

CARTER "IMP" BATTERY SWITCH

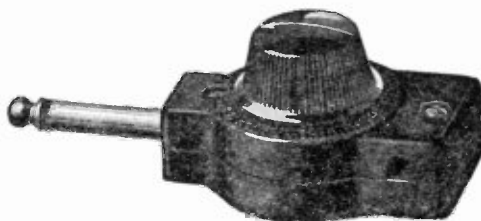
Full Size

Pat. 1-30-23



Quarter Turn Snap Switch makes positive contact. "On and Off" name plate and pointer indicate position of switch. Compact and quiet in operation. One hole mounting. Black knob.
Price, complete..... \$0.65 ea.

Centralab Modu pluG



Tone and Volume Control

A Modu-Plug gives complete control at the output of your set by a single turn of the small knob, prevents distortion due to overloading the loud speaker and matches the impedance of the speaker to the impedance of the set. Interfering noises are reduced and programs come in clear and true. For sets not equipped with phone jacks the cord type Modu-Plug is used.

No. 1—Centralab Modu Plug Standard Type \$2.50
No. 2—Centralab Modu Plug Cord Type.. 2.50

CARTER TIP JACK

Simple, inexpensive, reliable cord Tip Jack consisting of only two parts,—heavy contact spring and nickel plated mounting thimble.

Mounts in $\frac{1}{4}$ " hole. Cord tip completely concealed.

For use with any standard cord tip or CARTER "IMP" Plug.

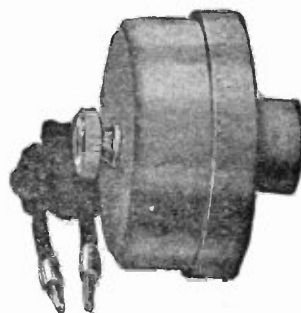
Good contacts are always assured. Minimum space required.

Code No. 10—Price..... 10c



(Full size)

Adjustable Unit



The Spartan Adjustable Loud Speaker Unit combines efficiency with beauty to a remarkable degree. Has extremely sensitive tonal properties. It is ruggedly built of durable materials and gives forth a tone of expansive fullness that is truly amazing. The adjustment is controlled by a knurled thumb screw which is located out of sight on back of the unit, thus not detracting from the general appearance of the instrument.

List Price..... \$5.00

PACENT AUTOPLUG



Entirely shockproof. To connect—drop cord tips in recesses in bottom of plug shell, press in push buttons, then release—a biting grip results. Polarity indicated by red (+) and blue (—). Shell of Bakelite. No screws used in its assembly.

Autoplug—Cat. No. 60... 60c

Autoplug (with gold plated metal parts) — Cat.

No. 60G..... \$1.00

CARTER "ONE WAY" PLUG



The Carter "One Way" Plug is carefully constructed of durable materials and will give maximum service indefinitely. For one head-set or loud speaker. Terminals are made extra tight to insure good connection at all times. At same time terminals may be easily inserted or removed for change to ear phones or speaker. The tight connections are secured by the use of heavy phosphor-bronze spring terminals which hold the cord tips securely.

Price..... 50c

YAXLEY PILOT LIGHT SWITCH



A decided novelty as well as a great utility for every set. Shows when the set is on or off. Cost of the Pilot Light Switch is comparatively small—it is easily installed. It has a wonderful sales appeal. There is something alluring about the Pilot Light and to see one is to want it. But aside from its attractive appearance the Pilot Light Switch serves a real practical purpose, guarding against waste of current and conserving life of batteries.

No. 210. Price..... \$1.00

Check
Cash
M. O.

Shipped.....
P. P.
Exp.
Date

Dealers' Order Blank

LONG DISTANCE TELEPHONES RECTOR 6646 AND 6647

To **Graymore Radio Corporation**
142 Liberty Street, NEW YORK, N. Y.

DATE _____ 192_____

To AVOID ERRORS, we suggest you use a RUBBER STAMP for your name and address, or print your name plainly.

The Graymore Guarantee

We sell to the dealer only. Three per cent. discount is allowed on all orders accompanied by cash payments. Two per cent. discount on all C. O. D. orders. We will start shipments forward to you the same day of receipt of your order. We buy for cash and sell for cash. This policy saves us from losses from bad credits and enables us to buy for less. These savings are passed on to you. Every item listed in this catalogue is guaranteed by the Graymore Radio Corp. and the Manufacturer to be exactly as represented.

SHIP TO.....

P. O. ADDRESS.....

CITY _____

STATE _____

TELL US HOW YOU WANT US TO SHIP: ☐ BEST WAY

If you remit with order and desire shipment by Parcel Post, please include a sufficient amount to cover postage, otherwise we will have to ship by express. Any overpayment will be returned to you or applied to the credit of your future purchases.

☐ BEST WAY

EXPRESS

☐ PARCEL POST

All Charges Collect

TERMS: 2% Discount Allowed On C. O. D.
3% Discount If Cash Is Sent With Order

Don't write anything except the Order on this sheet. WRITE LETTERS ON A SEPARATE SHEET. Always indicate page number of catalogue, items wanted, quantity and price at which catalogued.

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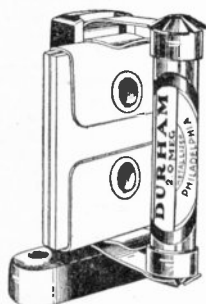
THIS ORDER will be filled at prices in effect at the time catalogue is issued. Should price be less than catalogue price at the time your order is received we will bill at lower price and refund the difference. If cost of merchandise is higher than price shown in catalogue we will wire you and obtain your consent before we ship.

Help us to improve our service by writing all the items clearly on this order blank. Be sure to specify the page number, the quantity, and the price at which catalogued. We are anxious to be of service to our customers and would appreciate any criticism or suggestions that would tend to make our dealings with you more profitable and pleasant.

(SEE OTHER SIDE)

DURHAM MOUNTING

The Only Upright Resistor Mounting



The Durham Resistor Mounting is made of moulded insulation of exceptionally high resistance. The contacts are of best quality, tension-spring bronze. Can be fastened by two holes in base to either panel or baseboard. The only upright resistor mounting on the market and takes up but little space in the set. Can be easily installed. Available in single mounting and double mounting types.

Resistor Mounting

Single mounting 50c
Single and condenser mounting. 65c

DURHAM METALLIZED RESISTORS

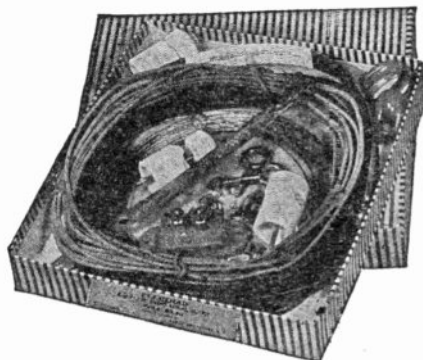


The Durham Metallized Resistor is made by coating the surface of a glass rod with a high resistance element, insuring perfect resistance conductivity, permanence of resistance and absolutely noiseless operation.

"Standard"		List Price
Range		
12,000 ohms	.....	75c
20,000 "	.....	75c
25,000 "	.....	75c
30,000 "	.....	75c
50,000 "	.....	75c
75,000 "	.....	75c
100,000 "	.....	75c
150,000 "	.....	75c
200,000 "	.....	75c
.25 megohms	.....	50c
.3 "	.....	50c
.5 "	.....	50c
.75 "	.....	50c
1. "	.....	50c
1.5 "	.....	50c
2. "	.....	50c
2.5 "	.....	50c
3. "	.....	50c
3.5 "	.....	50c
4. "	.....	50c
5. "	.....	50c

"Electrad" Complete Aerial Outfit

Everything Complete for an Efficient Outdoor Antenna

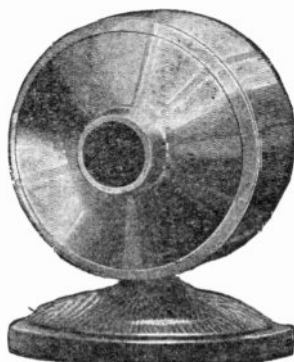


Your receiver, no matter how expensive, can't give you more than it gets. Every item in the "Electrad" Aerial Kit is the best to be had.

Contains: Fully illustrated folder with expert instructions for erecting, 100 ft. best 7-34 standard copper aerial wire, 25 ft. heavy lead-in wire, 35 ft. fixture wire, four aerial insulators, nail knob insulators, screw eyes, insulated staples, etc. Lead-in, lightning arrester and ground clamp.

Outfit No. 1—With indoor arrester, each..... \$3.50
Outfit No. 2—With outdoor arrester, each..... \$4.50

Semi-Floating Balanced Armature Unit

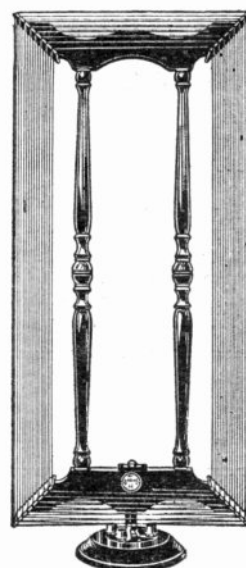


The Spartan Semi-Floating Balanced Armature Unit represents what is conceded to be a most perfect form of sound reproducing apparatus and embodies such features as the corrugated aluminum diaphragm, oversize magnets and electrical windings of the most efficient type. It reproduces most faithfully all tone frequencies encountered in music and speech with unsurpassed volume and clarity.

With stand as illustrated, list price \$10.00
Without stand, list price..... 9.50

BODINE BASKET WEAVE

De Luxe Loop



The Bodine De Luxe Loop

The artistically balanced, hand rubbed, solid walnut frame and lustrous silk winding of this beautiful loop harmonize with the finest furniture. It is very compact, yet highly efficient for its size. Equipped with jack which may be mounted in top of cabinet to eliminate all exposed connecting wires. Overall size only 12 1/2 inches.

Improves tone quality by tuning out interfering stations. Designed for regular loop sets, but can be used with many aerial sets with slight changes.

Price \$12.00



Spartan Featherweight Phones

The Spartan Featherweight Phone is truly a product of the master craftsman. Light as a feather in weight, beautifully moulded of brown Bakelite with a genuine flexible leather headband, it combines these excellent characteristics with the tonal recognition of quality and volume that is unsurpassed. Carefully matched and tested before shipping, these headsets are guaranteed to give absolute satisfaction.

List Price \$5.50



NA-ALD

NEW CUSHION SOCKET

Newest Socket on the Market
Direct connection can be made either above or below panel. No binding post required. Positive contact and hidden wiring. The period of vibration of the Na-Ald Cushion Socket is so adjusted that it prevents microphonic Tube noises. Na-Ald Sockets in all sizes may be had with this spring cushion mounting.

Prices are as follows:

Na-Ald 401 S.....	50c
Na-Ald 499 S.....	50c
Na-Ald 481X S.....	50c

REGULAR BINDING POST MOUNTING

Low loss and high resistance are assured with Na-Ald, Alden-processed Bakelite Sockets. With the DeLuxe type, simply turning the Tube three or four times without removing from the Socket scrapes a clean contact on the side of each of the Tube terminals.

Na-Ald No. 400.....	75c
Na-Ald No. 401.....	35c
Na-Ald No. 411.....	75c
Na-Ald No. 499.....	50c

NA-ALD RIVET SOCKET

This rivet mounting has been developed especially for regular manufacturers of Radio sets. This rivet mounting is supplied for the Na-Ald DeLuxe Socket No. 400, for the Na-Ald Small Space Socket No. 401 and for the Na-Ald 481-X Socket. The Na-Ald riveted Sockets are indicated by the letter "R" following the number of the Socket. Prices are the same as for rigid mounting.

NA-ALD

No. 411—NA-ALD SOCKET

For the W. D. 11 Tubes. For this use it has no equal, as the tube slips readily into place and is held firmly by a wiping contact over a broad surface. Genuine Bakelite. Alden processed for highest insulating qualities. Slotted knurled nuts. Mounting screws supplied.

Each socket packed in individual carton.

Price..... **75c**

No. 401—NA-ALD SMALL SPACE SOCKET

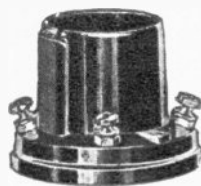
For 200, 201A, 300, 301A, W. D. 12 Tubes. This socket represents unequalled value, made possible by large quantity production with automatic machinery. Genuine Bakelite. Alden processed for highest insulating qualities. Slotted knurled nuts.

Each socket packed in individual carton.

Price..... **35c**

NA-ALD

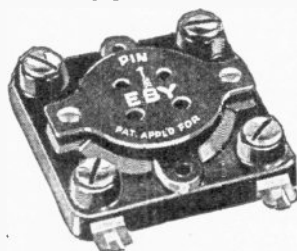
SOCKETS



NA-ALD DE LUXE SOCKETS

Of first quality Alden processed Bakelite, with Na-Ald De Luxe contacts. Simply turning the tube three or four times without removing it from socket scrapes a clean contact on each of the tube terminals. Na-Ald No. 400 Socket Code-Sable..... **75c**

EBY CUSHION SOCKET



This ingenious socket appeals instantly to radio engineers and individual set builders. It maintains a three-point positive wiping contact at all times. Provides a shock-absorbing base which allows the tube to "float" when in service. And permits interchangeability and other desirable features of the marvelous new UX and CX tubes.

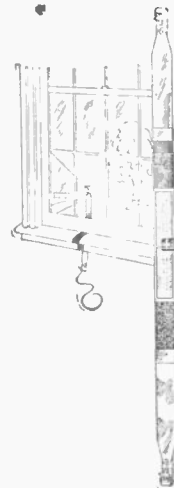
The new EBY Quality Socket is being nationally advertised in all the leading radio magazines. You are sure to have some calls. Be prepared to meet this demand by stocking the convenient cartons of ten now available.

It isn't necessary for you to stock a large order of EBY Quality Sockets. They come packaged in convenient cartons containing just enough to build two five-tube receivers. Send in your order today for as many of these cartons as you feel you can sell.

These sockets may be purchased in less than standard packages.

We'll bank on their superiority and performance for reorders. List price..... **50c**

"Electrad" Lead-In

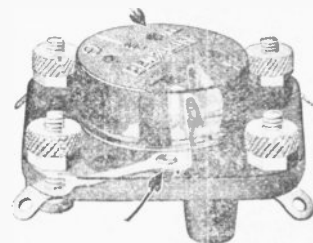


Ungainly porcelain tubes showing in the room—holes in the window sash—and all other "Lead-In" ills are eliminated by this ingenious device. Can be bent into any shape to fit ledges and around corners. Goes under windows or doors. You close and lock them on it. There is a difference! Get the Genuine! Many inferior imitations of the original "Electrad" Lead-In have appeared but "Electrad" quality remains the same.

Price, each..... **40c**

BENJAMIN

"PUSH" TYPE SOCKET



This is the new Benjamin radio socket designed to take the new standard UX type tubes. It will also accommodate tubes with old style bases, excepting the UV-199. Embodied in the design of this socket are all the excellent qualities and shock absorbing features of the universally known Cle-Ra-Tone Socket.

By replacing the old type of socket in your set with the Benjamin Cle-Ra-Tone "Push" Type Socket, you positively eliminate tube jar and resultant microphonic noises.

Cat. Nos. 9044 and 9049 without lower mounting base are intended for direct panel mounting. They include a drilling template and four machine screws with nuts for attaching.

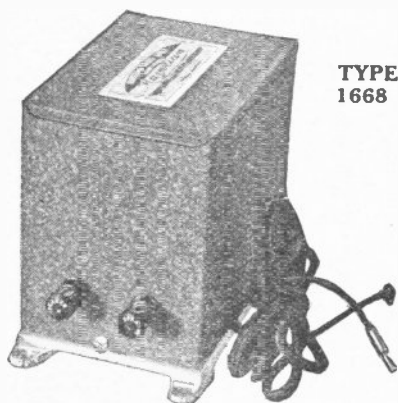
With mounting base..... **75c**
Without mounting base..... **50c**

(For direct mounting to 1/4" panel)
Without mounting base..... **50c**
(For direct mounting to 1/8" panel)



"MAYOLIAN"

Equipment for Constructing Eliminators



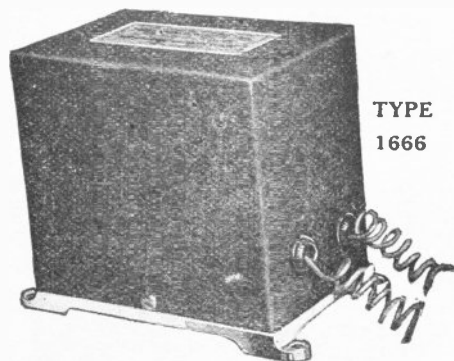
TYPE
1668

THE MAYOLIAN TONE FILTER

TYPE 1668

This highly important device enables you to get the most from your receiver, particularly when the new type power tubes are employed and is connected between radio set and speaker. A specially wound choke and high voltage condenser give this instrument its absolute dependability even under a severe overload. All of the full rich bass notes are brought out in all of their original fidelity and intensity. An absolutely necessary protection for your loud speaker windings when over 90 volts is used on your audio amplifier tube. May be quickly attached to any receiver.

Price\$6.50



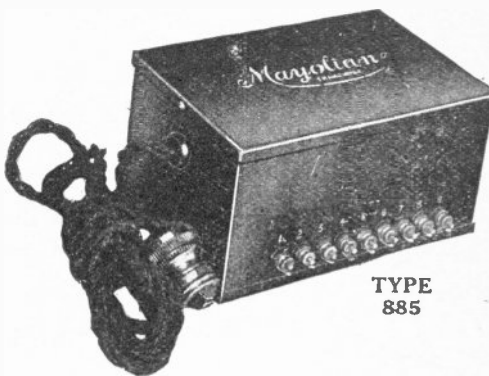
TYPE
1666

CHOKE

TYPE 1666

Individual choke, mounted in crystalline finish case, nickel-plated base, flexible leads brought out for circuit attachment.

Price\$5.00



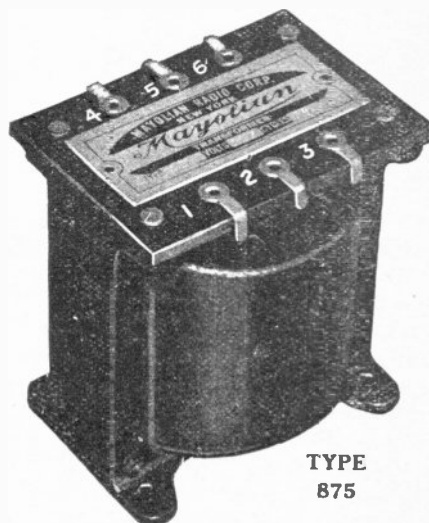
TYPE
885

TRAN-CHOKE

TYPE 885

Combines specially designed hi-GH duty transformer providing current for the operation of Raytheon type "B" Rectifier—winding centre tapped for eliminator manufacture—additional winding provided for filament excitation on power tube, centre tapped for grid return—two special Mayolian chokes properly connected for condenser bridging. An ideal compact for the individual Eliminator manufacturer.

Price\$15.00



TYPE
875

"B" SUPPLY TRANSFORMER

TYPE 875

Primary supply 110 volts 60 cycles; tapped to give 2 voltage ranges. Secondary provides proper operating voltage for Raytheon type "B" and "BH" Rectifier tube centre tapped for eliminator construction. All terminals provided with solder lugs and mounted on Bakelite panel. Transformer totally shielded in hard, rubber-finished metal to prevent stray field action.

Price\$7.00



MAYOLIAN "B" SUPPLY

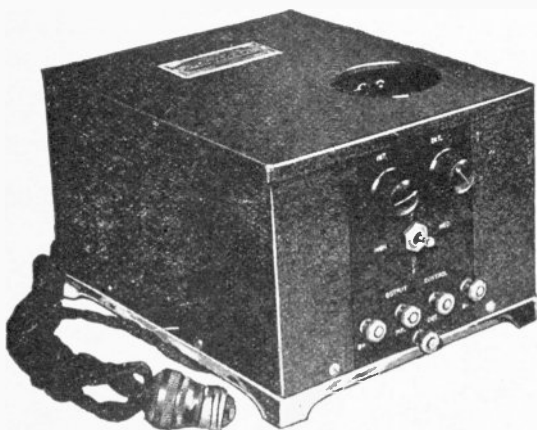
The Power of Niagara---The Quiet of An Arctic Night

TYPE 611

The most powerful "B" Supply on the market. Will handle any set and any combination of power tubes not requiring over 200 volts. Four separate terminal voltages—amplifier and detector circuits variable 10 to 175 volts. Dual voltage available at all terminals through control switch on panel. Employs hi-efficiency Raytheon BH Rectifier Tube.

Price \$51.50

Raytheon BH Tube, \$6.00 Extra.



TYPE 612

Operates on 110 volts 60 cycle AC, capable of handling any set up to 7 tubes. Delivers 180 volts. Three voltage taps—variable on the radio frequency and detector, most flexible unit, voltage range 10 to 150 volts, panel control—double throw switch gives dual range to all voltages.

Price \$36.50

Raytheon BH Tubes, \$6.00 Extra.

TYPE 607

For D. C.—Operates either on a line voltage of 110 or 220 volts—can be used on any set. Famous Mayolian Dual Filter system provides constant even flow of power.

Price \$35.00

No Tube Required.

AC
TYPE
611
&
614

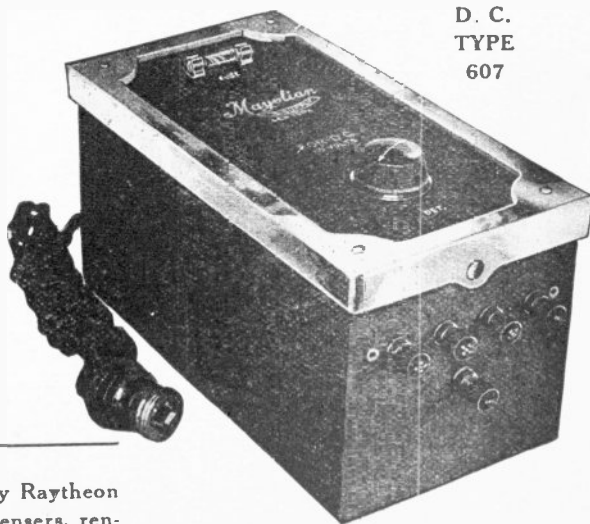


TYPE 614

A recently developed hi-power eliminator especially adapted to sets employing resistance coupled amplifiers—absolutely prevents all motor-boating action. Low filter resistance makes possible maintenance of constant voltage conditions under load. Operating controls same as 611.

Price \$51.50

Raytheon BH Tubes, \$6.00 Extra.

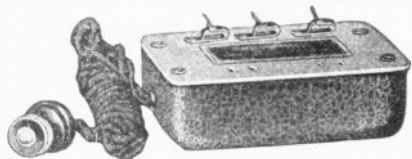


D. C.
TYPE
607

All Mayolian units are designed in conjunction with and approved by Raytheon Laboratories, employ unusually high voltage test Mayolian-made condensers, rendering them proof against filter breakdown so common to Eliminators. This assures you of continuous dependable service.

The "B" Without a Buzz

SUPER AUTOMATIC RADIO POWER CONTROL



Permitting the Use of Two Ampere Chargers

1. When the switch on the set is turned on, SUPER-AUTOMATIC connects the "B" power supply, and completely cuts off the charger circuit.

2. When the set is no longer in use and the switch is turned off, SUPER-AUTOMATIC disconnects the "B" power supply and connects the charger to the battery. By virtue of the high-rate charger, battery is rapidly charged.

3. When the battery becomes fully charged, the charger is automatically disconnected, and a fully charged battery is always assured.

Model No. 712-S..... \$7.50

The
Most
Sensitive
Detector
Tube
In the
World



Donle
Bristol
Type
B-6
Detector

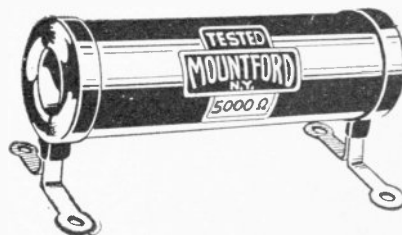
If you expect to get the most from your set in volume, quality and distance it will be necessary for you to employ the B-6 detector tube. As an example of its efficiency, cases have been reported where signals which were otherwise inaudible even with telephone receivers, were brought in with good loud speaker volume solely because of the substitution of the B-6 for the ordinary "hard" tube which had been used.

Price \$5.00

MOUNTFORD KROBLAK

WIRE WOUND

"B" Eliminator Resistance



MOUNTFORD KROBLAK "B" Eliminator Resistance was specially designed for use in "B" eliminator circuits.

After several months of research work we have developed a heavy duty wire wound resistance which is guaranteed to stand up under all "B" eliminator conditions.

"KROBLAK" is a glass-like finish, of excellent insulating qualities, put on and subjected to many hours of tremendous heat. It will not corrode, melt nor become soft. The discovery of this finish has made it possible for us to produce a wire wound resistance which is 100 per cent. perfect. MOUNTFORD KROBLAK resistance has a low temperature co-efficient, carries ten watts, and will give entire satisfaction in any "B" eliminator circuit.

Made in the Following Ohmages:

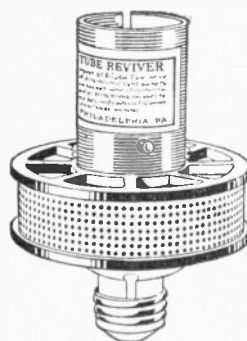
Ohms	Length	List Price
750	2"	\$1.00
1,000	2"	1.00
1,500	2"	1.00
3,000	2"	1.00
3,500	2"	1.00
5,000	2"	1.00
10,000	2"	1.00
25,000	2"	1.25
50,000	2"	1.50

DURHAM

"SOCKET"

TUBE

REVIVER



The "SOCKET" Tube Reviver will add many hours of pleasure and save many times its cost in re-activating generally used types of radio tubes, UX-201, CX301-A, UX-199. It is necessary only to screw the instrument into any standard light socket, insert the tube, press the button on the side of the Reviver socket for a period of 45 seconds, then allow the tube to remain in the socket for a period of ten minutes, after which the tube will be found restored to its original activity. The "SOCKET" Tube Reviver may be used in any standard lighting socket of 110 to 120 volts, alternating or direct current. Price..... \$4.50



It's Quick
It's Clean.

\$1.25

TEST YOUR
BATTERY
with a

**BATTERY
GA-JIT**

REPLACES
MESSY HYDROMETERS

The "BATTERY GA-JIT" ingenious, self-contained replaces the messy hydrometer forever.

Resembling in appearance a tire gauge, the "BATTERY GA-JIT" is only 2 1/4 inches in height and 1/2 inch in diameter. As illustrated in the accompanying photograph, one may see at a glance whether the battery is "low," "medium," or "full." The "medium" shows the battery should be recharged.

The "BATTERY GA-JIT" does away with searching in a small radio compartment with a hydrometer, and as it is self-reading the testing of the batteries can be done in just a second. Automobile owners and radio owners alike are finding a universal use for the "BATTERY GA-JIT" and a great many carry it in their cars and homes, utilizing two "BATTERY GA-JITS."

The dignified appearance of the "BATTERY GA-JIT," its compactness and its high polished nickel covering make it an attractive as well as useful and needed accessory for any radio or automobile owner.

Retail Price **\$1.25**

AmerTran Power Pack Kit

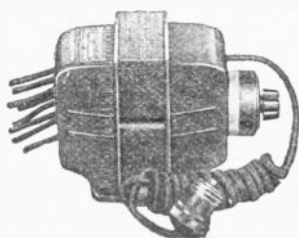
For LC-27 Receiver

1 Yaxley Automatic Power Control Relay No. 444.....	\$ 5.00
1 AmerTran PF-52 Transformer.....	18.00
2 AmerChokes No. 854.....	12.00
1 AmerTran Resistor No. 400.....	7.50
2 No. 602 Tobe Hi-Voltage Power Pack type Condensers, 2 mfd.....	8.00
1 No. 604 Tobe Hi-Voltage Power Pack type Condenser, 4 mfd.....	7.00
1 Federal No. 25 Potentiometer.....	1.75
1 Benjamin UX Socket.....	.75
7 Engraved Ely Binding Posts.....	1.05
1 Binding Post Strip, 3 1/2" x 15" x 1/4".....	1.75
1 Baseboard, 8 3/4" x 15" x 5/8".....	.70
*1 Set of Full Size Blue Prints.....	1.00

\$63.50

The AmerTran Power Transformer

Type PF-52, 65 VA-60 cycles 110/118/125 volts primary, 525

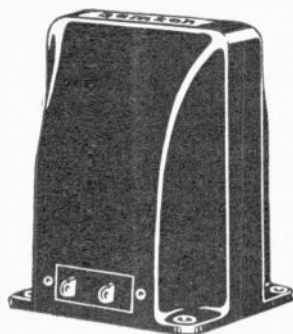


The rating of the AmerTran power transformer Type PF-52 is 65 VA, 60-cycle, 110/118/125 volts primary, 525 volts plate, 8 volts (no load) rectifier, 8 volts (no load) filament. Shipping weight is approximately 9 pounds.

Type PF-52 is intended for use on the standard 110 volt, 60 cycle house lighting circuit. It has three separate well-insulated secondary windings. These are enclosed in a strong metal case provided with mounting feet. The secondary leads are standard code flexible wires left long enough to reach the terminals in the average set without splicing. This transformer is well suited for supplying AC power for filter circuits, and is designed with the usual margin of safety.

Price PF-52	\$18.00
Price PF-64	15.00
Price PF-38	20.00

Samson Transformers



No falling off in quality of reproduction nor burn-outs due to use of new tubes need be feared. The astonishingly better tone quality from these units is permanent, unchanged by weather conditions due to hermetic sealing, and will result in their use by a majority of set manufacturers who are not handicapped by price considerations.

Samson Symphonic Transformer, climax of several years' development, gives perfect reproduction of broadcast tones over greater range than average loud speakers can cover or is now broadcast.....**\$9.00**

The new Samson HWA3 Transformer, 2:1, 3:1, 6:1. Standard equipment with leading set manufacturers and home constructors. Built for service as well as quality of reproduction.....**\$5.00**

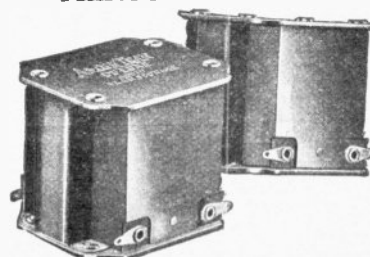
Samson Dual Impedance (Donle Design) is complete—no condensers or leaks required—being connected like a transformer, and gives far better tone quality on strong signals than resistance coupling. It keeps on giving this tone quality because hermetically sealed against moisture.....**\$5.00**

Samson Audio Plate Impedance. A high inductance choke for use with standard or high Mu tubes...**\$4.50**

Samson Audio Grid Impedance, forms ideal power amplification combination with Plate Impedance...**\$4.50**

Samson Output Impedance, keeps direct current component out of loud speaker.....**\$5.00**

AmerTran De Luxe



The AmerTran De Luxe is made in two types, one for the first stage and one for the second stage, and plainly marked as such. The chief difference between these two types is that the first stage transformer has approximately 50% greater primary inductance than the second stage transformer, thus more nearly corresponding to the operating impedances of the tubes out of which they work. For this reason it is advisable to purchase and operate these transformers by the pair!

Price, Either Type.
each **\$10.00**

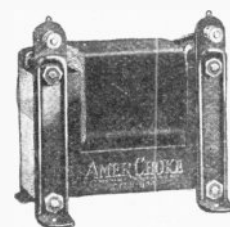
AmerTran

Types AF-7 and AF-6

AmerTran audio transformers Types AF-7 and AF-6 have been considered for years among the leaders in audio amplification. These popular and efficient models may now be purchased at a considerable saving in cost. Types AF-7 (ratio 3 1/2:1)—AF-6 (ratio 5:1).

Price, each **\$5.00**

AmerTran Resistor Type 400..... **\$7.50**
American Heater Transformer Type H-28 (for A. C. Tubes)..... **10.00**



The New AmerChoke

Type 854

Type 854 is a scientifically designed impedance or choke coil of general utility, designed primarily for use in filter circuits. As an output impedance for by-passing direct current from the loudspeaker it is just as efficient and more economical than an output transformer. When used with a 1 mfd. (or greater) fixed condenser, the tone quality equals that of the best output transformer. DC saturation is prevented by two adjustable butt joints in the core.

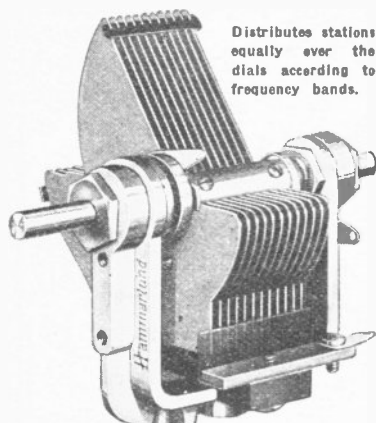
Price, 854 **\$6.00**

Price, 709 **10.00**

Price, 418 **6.00**



New Improved Hammarlund "S-F-L" Condenser



Distributes stations equally over the dials according to frequency bands.

Many radio fans will continue to prefer the "Straight-Frequency-Line" Condenser, so popular the past season. Hammarlund, therefore, will continue to manufacture this model, but much improved. It embodies all of the advanced mechanical features of the new "Midline" Condenser, differing only in its tuning curve. Sizes and prices also are the same.

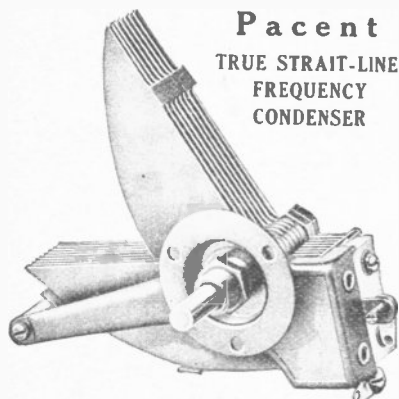
Code Number	Maximum Capacity	Price
S-F-L 23	.0005 mfd.	\$5.00
S-F-L 17	.00037 mfd.	4.75
S-F-L 13	.0003 mfd.	4.85
S-F-L 11	.00025 mfd.	4.50
S-F-L 5	.0001 mfd.	4.25

Condensers are carefully packed in corrugated boxes containing template, instruction sheet, hand capacity shield and anchoring screws. All condensers are tested for breakdown on 1000 volts A. C.

Hammarlund Transmitting Condensers

Transmission over short wave lengths has been recognized as being the most efficient medium for long distance amateur transmission. The very low losses and very high quality of Hammarlund condensers are emphasized in this class of work where ordinary condensers are impossible. Tested to withstand very high potentials.

Code Number	Maximum Capacity	Price
T-C 12	.0001 mfd.	\$6.00
T-C 22	.0002 mfd.	7.00
T-C 43	.0004 mfd.	10.00

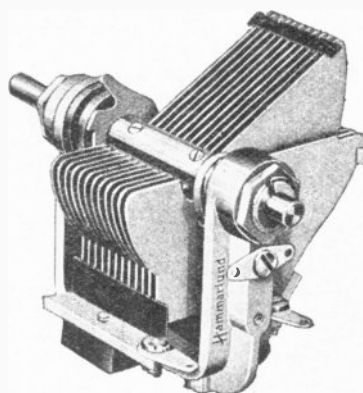


Pacent
TRUE STRAIT-LINE
FREQUENCY
CONDENSER

Stations can be equi-spaced according to frequencies. Perfect insulation. Special brass plates. Rigid channel frame construction. Permanent plate alignment. Oversize, dust-proof, unibearing. Positive enclosed stop. Optional one-hole mounting. Design provides for uni-control tandem mounting. 17 plates recommended for neutrodyne and all tuned radio frequency circuits .00035 Mfd. Max. Cat. No. 250B. Price.....\$3.50
23 plates for super-heterodyn circuits .0005 Mfd. Max. Cat. No. 250C. Price.....\$4.50

Hammarlund's New Creation The "MIDLINE" Condenser

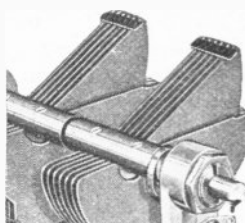
*Avoids
Crowding
at any part
of the Scale*



The newest scientific Hammarlund achievement. The "Midline" Condenser—really a universal condenser—with removable shaft, can be mounted for clock or anti-clock operation and especially fitted for tandem coupling. Tested for breakdown on 1000 volts A. C.

Code Number	Maximum Capacity	Price
M-L 23	.0005 mfd.	\$5.00
M-L 17	.00035 mfd.	4.75
M-L 13	.00029 mfd.	4.65
M-L 11	.00025 mfd.	4.50
M-L 5	.0001 mfd.	4.25

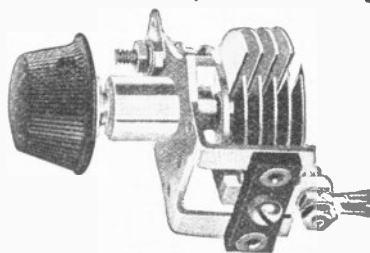
Hammarlund Multiple Condensers



Models "ML-D" and "SFL-D" are dual condensers. Like all Hammarlund products they are instruments of laboratory precision, embodying all the well known Hammarlund features of design and workmanship. Capacities are accurately matched. Standard equipment in the finest single control sets because of superior performance. Accurately matched Triple Condensers are also available in the above sizes. Prices \$10 to \$12.

Plates	Capacity	"ML-D" (Dual)	"SFL-D" (Dual)
11	.00025 mfd.	\$7.00	\$7.00
13	.0003 mfd.	7.50	7.50
17	.00035 mfd.	8.00	8.00
23	.0005 mfd.	8.50	8.50

"Hammarlund, Jr." Midget

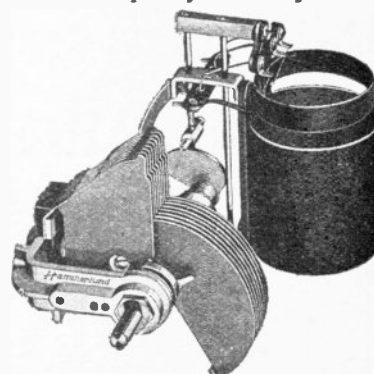


Soldered brass plates, cone bearings, clock spring pigtail, minimum dielectric. A high ratio shielded midget with all the distinctive earmarks of Hammarlund design and workmanship—plus single hole mounting. Many uses are shown in circulars packed with each condenser.

Code Number	Price
M-C 5-15 mmfd.	\$1.80
M-C 9-32 mmfd.	1.80
M-C 11-50 mmfd.	1.80
M-C 15-85 mmfd.	2.00

Including Bakelite Knob
Bracket for Table Mounting 15c Extra

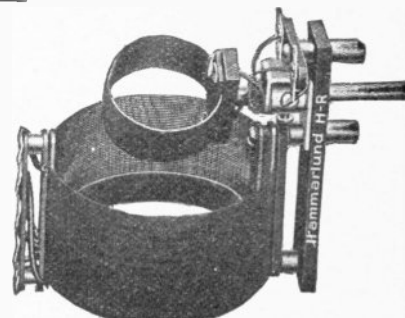
The New Hammarlund "AUTO-COUPLE" Tuned Radio Frequency Assembly



This assembly is used in the New Hammarlund-Roberts "HiQ" Receiver.

Hammarlund "Midline" or "S-F-L" .00035 Condenser.....	Each \$4.75
"Auto-Couple" Coil, including mounting bracket and cam, Code HQ.....	Each 3.50
(Set of three "Auto-Couple" Coils \$10) Code HQ3.....	
Complete Aluminum Shield.....	Each 2.00
Complete Assembly, Code ACU.....	\$10.25

Hammarlund "H-R" Coils



H-R 23 Three-Circuit Tuner, especially designed for the Model One "Hammarlund-Roberts" Receiver. May be used in any similar circuit with .0005 mfd. condenser. Price each.....\$5.00

HAMMARLUND

LOW-LOSS, SPACE-WOUND COILS

By an ingenious process, Hammarlund engineers have found a way to wind a solenoid coil with a definite space between turns, and supported by a mere film of dielectric material.

By firmly anchoring the wire to the dielectric, short circuits are impossible.

Distributed capacity and resistance are at a minimum, thus extreme sensitivity and sharp tuning are inherent qualities of Hammarlund Space-Wound Coils.

PRICES AND SPECIFICATIONS

H-R 23 Coils for all "Roberts" Circuits, including Antenna Coupler and Three-Circuit Tuner, \$7.50 per set. Used with .0005 Condensers, Antenna Coupler for .0005 or .00035 Condensers, \$3.00 each.

H-F 17 "Neutrodyne" Coils in sets of 3 tapped for neutralizing. Built for .00035 Condensers, \$7.50 per set.

LOW-WAVE RECEIVING COILS

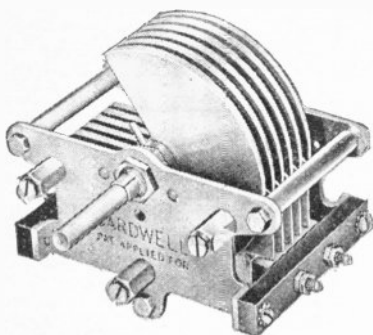
Wound on a dielectric of very high quality, 5/1000 in. thick. No. 16 copper wire; green silk over cotton insulation. 10 turns per inch. 3 in. diameter. Coils average 20 in. in length and are cut to desired size. Price 40 cents per inch.

R. F. CHOKE COILS

Wound with No. 36 S. S. wire 120 turns per inch on a diameter of 1 1/4 in. Coils average 14 inches in length and are cut to desired size. Price 40 cents per inch.



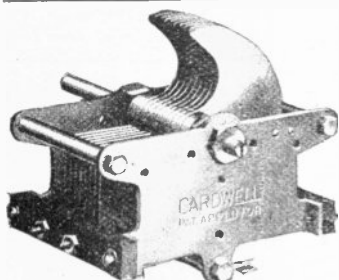
Cardwell RECEIVING CONDENSERS



THE TAPER PLATE TYPE "E"

(Which introduced the ideal tuning curve, MIDWAY between straight wavelength and frequency.)

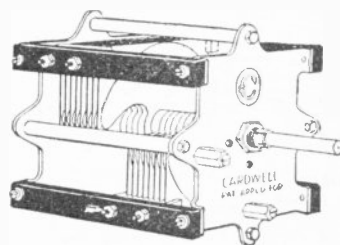
Type	Capacity	Price
192-E	.0005 Mfd.	\$5.00
169-E	.00035 Mfd.	4.75
168-E	.00025 Mfd.	4.25
167-E	.00015 Mfd.	4.00
191-E	.000075 Mfd.	4.00



TYPE "C"

Particularly designed for tuned Radio Frequency receivers where simultaneous tuning of two or three stages is desired. The Tuning Curve gives straight frequency at the low end of the scale and straight wavelength at the top.

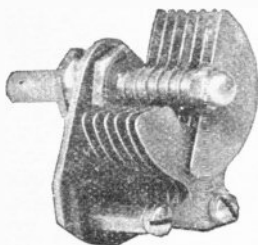
Maximum Capacity, .00035 Mfds.



Single, Type 171-C, \$4.75

Dual, Type 217-C, \$8.00

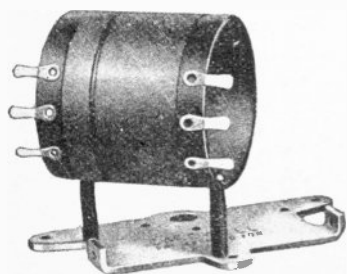
Triple, Type 317-C, \$12.00



"BALANCET"

A Midget Condenser of Supreme Efficiency

Single			Dual		
Type	Capacity	Price	Type	Capacity	Price
607-A	.000025	\$1.25	614-A	.000025	\$2.25
609-A	.000035	1.25	622-A	.000040	2.50
613-A	.000050	1.50			



INDUCTORS

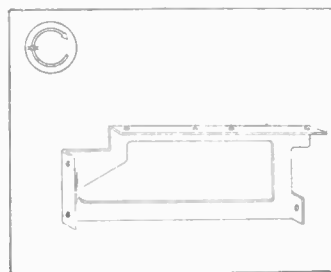
Type	Price
196-A (Single)	\$1.50
196-A-2 (Set of two)	2.75
196-A-3 (Set of three)	4.00
198-C R. F. Choke	1.50

SUB PANEL BRACKETS

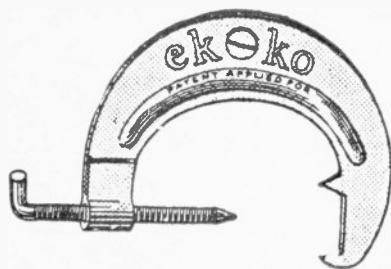
Type	Price
195 Per pair	\$.75

MOUNTING FEET

Adapting Condensers for sub-panel or baseboard mounting.
Per pair \$.25



EKKO GROUND CLAMP



The Ekko Clamp is easy to use. Screw the ground wire to the clamp, attach the clamp to the nearest pipe. And very small pressure on the screw gives positive contact. The Clamp is non-corrosive and maintains contact permanently. It is very sturdy in construction and finished in white nickel. It will fit any pipe from 1/4 to 1 1/4 inches in diameter. Price25c

EKKO CONNECTORS

will attach all loud speaker units to all standards of phonographs



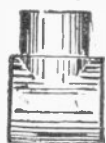
No. 1

EKKO CONNECTOR No. 1 connects Loud Speaker Unit to Edison phonograph.....each 25c



No. 3

EKKO CONNECTOR No. 3 connects Loud Speaker Unit to Columbia, Pathe, Vocalion and those having Jewel (old style) tone arms.....each 20c



No. 4

EKKO CONNECTOR No. 4 connects Loud Speaker Unit to Brunswickeach 30c

EKKO CONNECTOR No. 5 connects Loud Speaker Unit to Orthophonic Victrola, Blandin, Cecelian and Kimball phonographseach 25c

The connectors listed opposite will fit 99% of all phonographs, a great many of which are not listed. If you have any difficulty fitting your phonograph tell us the name and model of it and we can advise you.

Mountford Plunger Type Variable Grid Leak



Perfect graduation obtains fractions of a megohm from 1/4 to 20 inclusive. Increases selectivity and sensitivity. Unaffected by heat or cold.

Price..... 50c

BELDEN RADIO TERMINAL PACKETS



No. 619
Code Newe



No. 620
Code Consoler



No. 621
Code Conoids

Code	Specifications	No. Terminals per Packet	List Price per Packet
NEW	Tinned Copper	25	10c
CONOID	Tinned Brass	25	10c
CONSOL	Nickel-plated Brass..	4	10c

We are Distributors for
AMPERITE
The "SELF-ADJUSTING" Rheostat

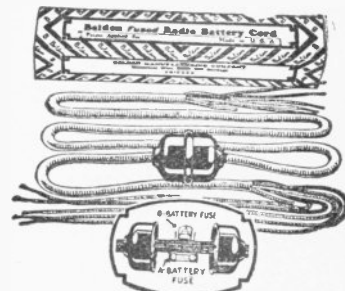


AMPERITE No. 1-A—For the UX-201-A, C-301-A; DV-2; WD-11; WD-12; C-11; C-12. AMPERITE No. D-11—For the WD-11; WD-12. AMPERITE No. 4V-199—For the UV-199; C-299; DV-3. AMPERITE No. 6V-199—For the UV-199 and the C-299, or similar tubes, on the 6-volt "A" battery.

No. 1—For No. 200 tube, 5A For 5 1/4-amp. tube. 3A For 3 tubes.

Price each..... \$1.10

BELDEN FUSED RADIO BATTERY CORD



The Belden Fused Radio Battery Cord is an improved accessory that prevents the destruction and loss of expensive radio tubes and batteries when short circuits occur from various causes in the set, and also eliminates the usual unsightly mass of wires used to connect batteries to the set.

This improvised cord consists of five or seven conductors, color-coded for convenient installation, and cabled together inside an attractive overall braid with fuses in both A and B Battery circuits. The fuses are mounted on the cord about one foot from the batteries, and protected by a neat bakelite shield. The shield opens in the center as illustrated, and the ends slide back for examination or replacement of the fuses.

The set is always protected against costly accidents.

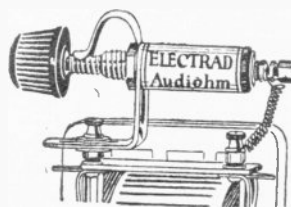
It is significant that the 1926 National Electrical Code calls for fuses in both A and B Battery circuits. Belden Fused Battery Cord makes it easy to comply with this code and make your set safe.

Price, Five (5) Wire Cord.....\$2.00

Price, Seven (7) Wire Cord.....\$2.25

"ELECTRAD" AUDIOHM

Eliminates Distortion



Every set with one or more audio transformers needs one of these tone and quality controlling devices.

Placed across secondary of first audio transformer it eliminates distortion and transformer noises. Once adjusted remains permanent.

Requires no drilling or soldering. No tools needed to attach. Fits any transformer.

Price each\$1.50

HAMMARLUND LOW-WAVE RECEIVING CONDENSERS

Double spaced low-wave receiving condensers are made in the plate size only. Maximum capacity 100 mmfd. Minimum capacity 3 mmfd. Spacing of plates is 2 1/2 times as great as the standard condenser.

Price..... \$4.50

DAVY "A" POWER

The Radio World has been waiting patiently and expectantly for a real "A" Battery Eliminator.

Davy "A" Power is an achievement in rectification. The unit is complete in itself. Not mechanical. Not electrolytic. Has no condensers to break down.

Davy "A" Power is not a makeshift combination. It is the first practical "A" eliminator for storage battery operated sets.

It has been subjected to the most severe, exhaustive and thorough tests. It has come through them all with flying colors.

Operating in every case with entire satisfaction, noiselessly and

ABSOLUTELY WITHOUT HUM

The Solution of the "A" BATTERY PROBLEM



Type RF1-2

Alternating Current 110 Volt 60 Cycle
complete with

2 Westinghouse 2 Amp. Rectigon Tubes

Type RFT-2 \$55.00 (2. Amp.)

Davy "A" Power rectifies the full A. C. Wave and by using a novel filter circuit suppresses the ripple below the limits of audibility. It allows a variation of voltage from practically any value up to 6V. A regulator prevents the voltage from rising over the limit value and overloading the filaments or damaging the tubes.

It may be used with any type of set. The unit is designed primarily for operation with sets using eight 201A Tubes or less.

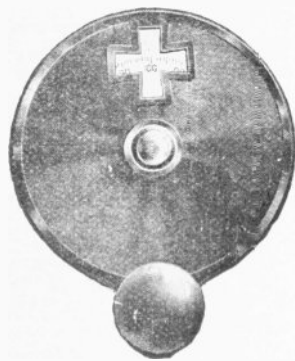
Steady, unfailing current supply. Ordinary line voltage fluctuations will not interfere with reception.

The rectigon tubes operate considerably under their rated output and should last for thousands of hours.

Davy "A" Power is encased in a black japanned perforated sheet steel case. Rugged in construction, 13 x 6 x 8 inches. Contains no storage battery, liquids, condensers or moving parts.

NO Liquids NO Moving Parts NO Condensers
NO SERVICING

WHITE CROSS DIALIER



The White Cross Dialier is the 360 degree vernier dial with an approximate ratio of 6-1, made of Bakelite. Allows distinct reading of the dial with spaces for logging or marking the station and wave length. A knurled disc revolving over a washer eliminates any tendency toward backlash and gives a perfect adjustment at any degree. The dial face is marked so that it may be used on either clock wise or anti-clock wise tuning. It also allows for a condenser or tuner, having a complete revolution. For beauty of appearance, practicability of operation and convenience of price we recommend this White Cross Dialier.

List..... \$1.25

THE BRACH CONTROLIT



One of the greatest inventions since the advent of the radio is BRACH CONTROLIT—a small, compact instrument which makes possible the linking of your radio set with the house current—thus truly making any set a LIGHT SOCKET POWER OPERATED SET by controlling the lighting current to any "A" and "B" power supply unit.

The BRACH CONTROLIT eliminates switches from "B" power supply units and "A" trickle chargers. Everything is automatic from your radio set switch. It is no longer necessary to operate three switches—your radio set switch does it all. This is accomplished without any additional wiring between radio set and power supply devices. No change in wiring in your radio set—everything as simple as with batteries. No danger in forgetting to turn on your charger or turn off your "B" power supply.

R4 R6 \$4.50



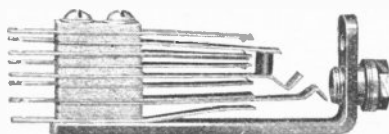
Marko Storage Batteries Are good Batteries

All plates are hand made by men that know how. Of course, the Graymore guarantee goes with every one. And the prices are right.

6A 60 Ampere Hour..... \$11.00

6A 90 Ampere Hour..... 15.00

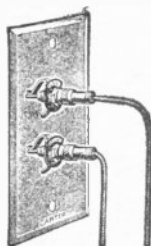
6A 120 Ampere Hour..... 18.00

CARTER
HOLD-TITE
JACKS

No. 101—Jack, one spring open circuit.....	\$0.70
No. 102A—Jack, two springs; one break contact; frame insulated. Closed circuit.....	.80
No. 103—Jack, three springs; one local make contact. Single filament control.....	.90
No. 104—Jack, four springs; breaks two contacts. Double circuit.....	1.00
No. 105—Jack, five springs; opens two and closes one contact. Double filament control.....	1.10
No. 107—Jack, seven springs; opens three and closes one contact. Double circuit, double automatic filament control.....	1.39
No. 106—Jack, six springs; breaks three contacts. Used in Freed-Eisemann type of circuit.....	1.20
No. 104A—Jack, four springs; makes one and breaks one contact. Used in first stage audio Freed-Eisemann type of circuit.....	1.00
No. 103A—Three springs; makes one and breaks one contact.....	.90
No. 102—Two springs; one break contact. Closed circuit.....	.80

CARTER JACK SWITCHES

No. 2—Jack switch, two springs; closes one contact; used to close the A battery circuit.....	\$1.00
No. 3—Jack switch, three springs; opens one and closes one contact; for switching from long to short wave and from one dry A battery to another.....	1.15
No. 4—Jack switch, four springs; closes two contacts; used for cutting in second head set, also for adding a second cell in parallel.....	1.30
No. 6—Jack switch, six springs; opens two and closes two contacts; can be used to switch battery charger and loud speaker on and off, etc.....	1.60

CARTER AERIAL-GROUND
OUTLET JACK

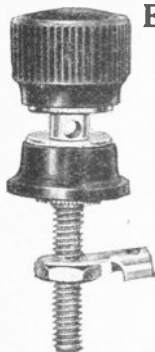
(Quarter Size)

Provides neatest and most convenient way of concealing aerial and ground lead-in wires.

Complete with satin finish brass escutcheon plate, "AERIAL" and "GROUND" name plates, two Carter "IMP" Plugs for connecting aerial and ground wires to the set, and with screws for mounting in outlet box or directly on wall or base-board.

Code No. 620—Price.....90c

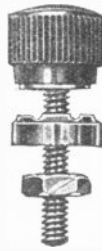
EBY BINDING POSTS



Commander



Ensign

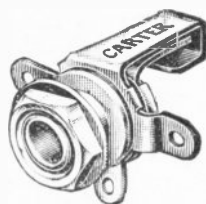


Commander "S"

The unique and beautiful design of Eby Insulated Posts, together with the fact that the tops do not come off, has won for them world-wide recognition. Both contact surfaces are unusually large, assuring a positive contact on a spade clip, looped wire or telephone terminal. The lower insert extending through insulated base is knurled, which prevents post turning when mounted, and the stem being solid makes it easy to mount on the panel.

Code Word	Style	Size of Post	Size of Stem	Length of Stem	List Each
Ace	Plain Knob	1/2 x 3/8"	8-32	1 1/2"	\$1.10
Ensign	Plain Knob	1/2 x 5/8"	6-32	3/4"	.15
Ensign	Engraved Knob	1/2 x 5/8"	6-32	3/4"	.15
Commander	Plain Knob	5/8 x 3/4"	8-32	3/4"	.20
Commander "S"	Plain Knob	5/8 x 3/4"	8-32	3/4"	.25

CARTER "SHORT" JACKS



Full Size, No. 2-A

Smallest on market. For use where jack space is limited. They make good contact with all plugs.

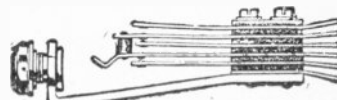
Solder lugs are widely spaced to facilitate soldering. Heavy Bakelite insulators eliminate possibility of short circuit and leakage. Sleeve terminal marked "+" ; mount in 3/8" hole on panels 1/8" to 3/16"; on 1/4" panels by counter-boring 1/8".

Code No. 1—Open circuit. Price...25c

Code No. 2-A—Closed circuit. Price...30c

YAXLEY
APPROVED RADIO PRODUCTS

IMPROVED RADIO JACK



No. 1—Jack, open circuit.....	\$0.50
No. 2—Jack, circuit closing.....	.60
No. 2A—Jack, two circuit.....	.60
No. 3—Jack, single circuit filament control.....	.70
No. 3A—Jack, circuit reversing.....	.70
No. 3C—Jack, double circuit.....	.70
No. 4—Jack, interstage.....	.80
No. 4A—Jack, two circuit filament.....	.80
No. 5—Jack, two circuit filament.....	.90
No. 6—Jack, interstage filament control.....	1.00
No. 7—Jack, interstage filament lighting.....	1.10

YAXLEY IMPROVED JACK SWITCHES

No. 20—Jack switches, single circuit.....	\$0.75
No. 30—Jack switches, two circuit.....	.90
No. 40—Jack switches, double circuit.....	1.00
No. 45—Jack switches, five spring.....	1.15
No. 60—Jack switches, two-way two-circuit.....	1.25

PACENT PHONE JACKS



Springs of German Silver, with coin silver contacts riveted into them. High grade brass frame makes jack non-magnetic. Micarta insulation used. This is a much better dielectric than fibre. Fits any size panel from 1/2" to 3/4" in thickness.

No. 61—Single open circuit jack.....	\$0.50
No. 62—Single closed circuit jack.....	.55
No. 63—Double circuit jack.....	.60
No. 64—Heavy duty loop jack.....	.65
No. 65—Three spring automatic fil. cont. jack.....	.70
No. 66—Five spring automatic fil. cont. jack.....	.75
No. 67—Seven spring automatic fil. cont. jack.....	.85
No. 68—Four spring spec. automatic fil. cont. jack.....	.90
No. 69—Five spring spec. automatic fil. cont. jack.....	.90
No. 70—Six spring spec. automatic fil. cont. jack.....	.90



CARTER "HI-OHM" VOLUME CONTROL AND FILAMENT SWITCH

As soon as the knob is turned from "OFF" position, the Filament Switch is closed and remains closed until the "HI-OHM" is turned off. Mounts in 3/8" hole on panels 1/8" to 3/16".

By combining the Volume Control with the Filament Switch, the operation of the set is greatly simplified and separate Filament Switch is eliminated—thus removing one more knob or switch button from radio set.

Code No. 1-S	500,000-ohm	Code No. 1-S	100,000-ohm
Code No. 3-S	300,000-ohm	Code No. L-S	50,000-ohm
Code No. 2-S	200,000-ohm	Code No. X-S	10,000-ohm

Price, complete with black arrow-pointed knob.....\$2.50

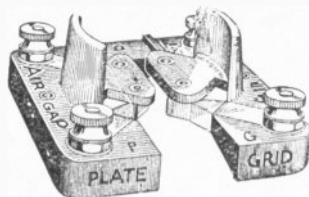
CLAROSTAT



The standard Clarostat gives a variable resistance of from practically zero to 5,000,000 ohms, in four complete turns of the knob, for which it is hand calibrated. Because of its great range and current-carrying capacity, the Clarostat covers all requirements encountered in present-day radio reception and in battery eliminators. With the Clarostat a single device is sufficient, as compared with a plurality of other types ordinarily required to span the same resistance range. Thus the Clarostat is a universal radio resistance, offering fixed resistance where the exact fixed value is unknown but must be arrived at through experimentation, and offering variable resistance where the resistance value is subject to constant or occasional change.

Price \$2.25

The AIRGAP SOCKET

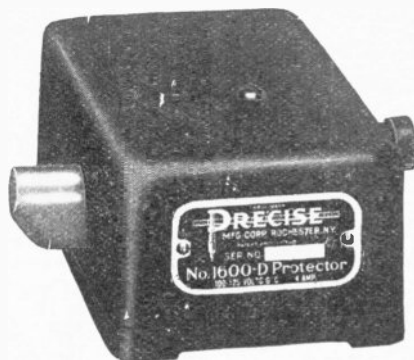


The airgap makes an actual difference in a circuit noticeable to the ear. When placed in a circuit a change in dial readings will be noticed indicating a much lower grid and plate capacity than any other socket.

The airgap between grid and plate lowers the capacity, increases the resistance, thereby preventing closed circuit, absorption of current, high frequency losses, intercoupling of circuits, feedback and undesirable capacity, helping materially in ridding a set of squawks and howls, making a circuit more stable and sharpening tuning. The gap has the same effect as omitting the socket entirely.

Airgaps are constructed of high resistance genuine bakelite with strong phosphor bronze, alloy side wipe contacts. Electrically and mechanically it's perfect.

Type U. X. Universal. List 60c

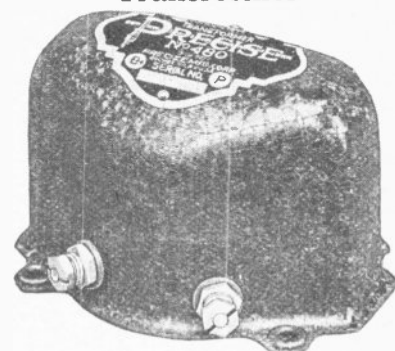


AN AUTOMATIC SAFETY SWITCH

The Protector is entirely automatic in its operation. It requires neither adjustment or care. It operates as a conventional push switch, one red button to establish circuit and a black button to break it. It, therefore, takes the place of an ordinary switch and provides protection for the apparatus. The Protector is constructed on a Bakelite base, encased in a handsomely finished metal cover which completely conceals the wiring.

List Price \$3.75

Precise Super Audio Transformer



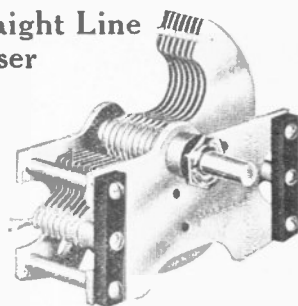
The No. 480 Transformer is truly a de luxe instrument. It is especially designed to reproduce all the tone frequencies with absolute fidelity. From the lowest to the highest musical note an even amplification is secured by careful balancing and matching of the component elements by laboratory methods. The heavier windings and the hermetical sealing of these transformers insure against burn out when used with the new power tubes. They will give perfect reception under all climatic conditions. The only super size audio transformer which can be mounted either on top or under the subpanel. It measures 2 1/4" high by 3 1/4" long by 3" wide. Handsome crystal finish with gold-plated lugs and terminals. Assures perfect tone quality in any receiver.

Precise No. 480—5 to 1 ratio \$5.00 list
Precise No. 480—2 1/2 to 1 ratio \$5.00 list

We unqualifiedly recommend and guarantee this product.

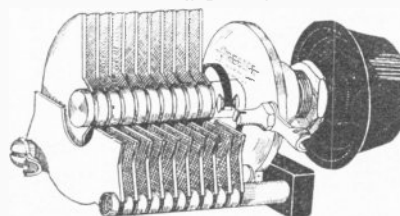
Precise (S. L. T.) Straight Line Tuning Condenser

This new instrument is a real accomplishment of the Precise Laboratory, long known for the superior quality of their products. Both the rotor plates and stator plates are of special satin finished brass and not aluminum. Single hole mount; phosphor bronze pigtail; grounded rotor. Rotor is mounted on ball bearing shaft. Straight line frequency plus straight line capacity in a scientific plate curvature assures equal separation over the entire dial range. Rotor shaft is concentric resulting in no more space being required than with ordinary straight line wave length condensers but resulting in a perfect tuning unit giving universal tuning satisfaction in all parts of the country regardless of local congestion.



Precise No. 999—00025 (250 mm) list \$2.50
Precise No. 999—00035 (350 mm) list \$2.75
Precise No. 999—0005 (500 mm) list \$3.00
The most popular high quality condenser for 1926 and 1927.

Precise Microdenser



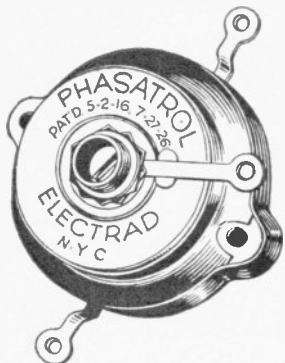
Solid brass satin finish rotor and stator plates. Single hole mount; phosphor bronze pigtail; grounded rotor. This miniature condenser was especially designed at the request of several eminent engineers to produce a high quality instrument for neutralization and balancing. Sturdy construction.

10 mmf list \$1.25
30 mmf list \$1.50
55 mmf list \$1.50
100 mmf list \$1.75
135 mmf list \$2.00

The 100 mmf specified by Glenn H. Browning for the antenna coupler in all Browning Drake receivers. The 55 mmf specified for Radio Broadcast Laboratory receivers and also specified in the Henry Lyford receivers.

The ideal midjet variable condenser made in all capacities and for use where ever a miniature condenser is required.

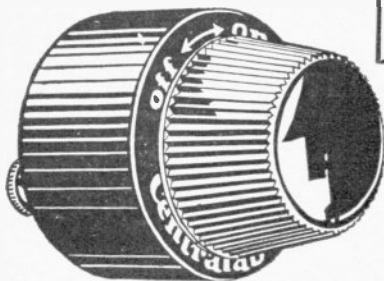
ELECTRAD PHASATROL



PHASATROLS are suited to any circuit having radio frequency amplification—whether tuned, untuned or reflexed. One PHASATROL must be used for each stage of radio frequency amplification and, when correctly installed and adjusted, PHASATROLS will absolutely eliminate any tendency to radio frequency oscillation or distortion.

PHASATROLS are particularly recommended to the man who builds his own receivers as a simple, yet effective means of balancing and controlling radio frequency amplification. They are equally suited to sets already operating, whether factory or home made, and can be installed by the inexperienced radio fan in a short time.

List Price\$2.75

CENTRALAB STATION
SELECTOR

A small, simple device that is attached permanently between the antenna and antenna binding post of Neutrodyne, Tuned Radio Frequency and other popular radio receivers that do not use a loop antenna. A turn of the knob cuts the Selector in or out of the circuit at will, but no adjustment is needed to insure efficient operation.

Price\$1.00

SILVER-MARSHALL
220-221

TYPE 220 AUDIO TRANSFORMER

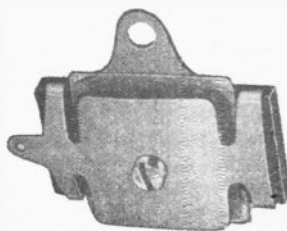
This transformer is guaranteed to be the finest ever produced, barring none. It gives approximately 90 per cent of the amplification at 30 cycles that is obtained at 1,000 cycles. From 1,000 cycles on, the response falls off to compensate for commercial loud speakers and broadcast station transmission. Its turn ratio is 3:1, and it should be used in any and all stages. It is guaranteed to give more satisfactory quality than any other practical amplifying device. Recommended for UX201A, UX112, UX171, or UX210 tubes, but may be used with any standard types.

Price\$8.00

TYPE 221 OUTPUT TRANSFORMER

An output transformer should be used (optionally) between the last power tube and loud speaker in any audio amplifier. In this position it will improve low note reproduction and increase the loud speaker capacity for strong signals several hundred per cent. It is especially recommended to improve quality on factory-manufactured sets, when connected in series with loud speaker cord.

Price\$7.50
 TYPE 222—Output\$8.00
 TYPE 329—Power Transformer 9.00
 TYPE 330—Power Transformer 9.00
 TYPE 331—Unichoke 8.00
 TYPE 332—Condenser Bank12.50

THE NEW HAMMERLUND
EQUALIZER

A compact, efficient variable condenser of small capacity, for neutralizing against undesirable oscillations or equalizing the capacities of multi-tuned circuits.

Price50c

THE ABOX
FILTER

The Abox Filter used in connection with a suitable charger permits your set to draw its "A" power directly from a light-socket or wall-plug, entirely without alternating current hum.

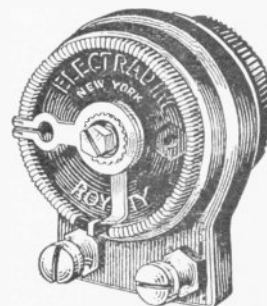
It is not a storage battery. It is never charged or discharged. Does not deteriorate either in use or disuse.

It is always ready for use. Even after long periods of idleness. Once installed, it ends all "A" battery cost and annoyance. No more charging or changing acid filled batteries. There is nothing to wear out or get out of order. The first investment in the Abox Filter is the last. Costs little to operate. No wasted current. The Abox Filter requires current only when the set is in operation. It is the modern way to operate a radio. The Abox Filter gives maximum results on distant and local reception.

Price\$19.50

ELECTRAD ROYALTY
VARIABLE

Non-Inductive High Resistances

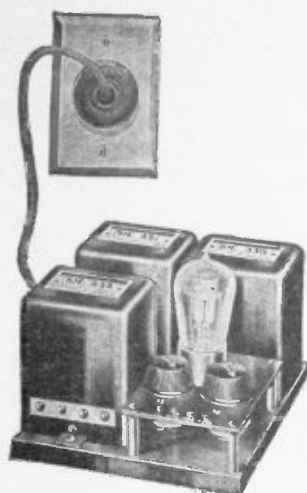


Licensed by Technidyne Corporation
under U. S. Pat. 1593685, July
27, 1926

Note These Important Exclusive
Features:

- 1—Resistance element not exposed to any mechanical operation.
- 2—Electrical contact made positive by metallic arm on wire-wound strip.
- 3—The same resistance is always obtained at the same point.
- 4—Resistance value is under control in process of manufacture and does not change in use.
- 5—Entire range of resistance is covered with less than a single turn of the knob.
- 6—There is no mechanical binding and shaft is turned smoothly over entire range.

TYPE A—Variable Grid Leak 1/10 to 7 megs.\$1.50
 TYPE B—Variable High Resistance, 1500 to 100,000 ohms. 1.50
 TYPE C—Variable High Resistance, 500 to 50,000 ohms. 1.50
 TYPE D—Detector Control for "B" Eliminators, 10,000 to 700,000 ohms. 1.50
 TYPE E—Compensator, 500,000 ohms. Potentiometer 2.00
 TYPE F—Variable High Resistance, 0 to 2,000 ohms. 1.50
 TYPE G—Variable High Resistance, 0 to 10,000 ohms. 1.50
 TYPE H—Variable High Resistance, 0 to 25,000 ohms. 1.50
 TYPE J—Variable High Resistance, 0 to 200,000 ohms. 1.50
 TYPE K—Variable High Resistance, 0 to 5,000 ohms 1.50
 TYPE L—Variable High Resistance, to 500,000 ohms. 1.50



SILVER-MARSHALL 650 Plug-Ins

The S-M type 650 Plug-In B power supply sets introduce a new era in the design of power supply outfits designed to draw power for radio receivers from 110 volt, A. C. home lighting circuits.

Shielding removes practically all noise. This is due to an absolutely new filter principle which eliminates entirely the line hum by a combination of selective and "brute force" methods. Thus, instead of depending upon a large filter only to cut out the fundamental hum, a selective tuned circuit takes it entirely out, while a "brute force" section far larger than necessary removes the harmonic frequencies. The power output of 650C and 650D is 280 volts at no load, fall-

ing gradually to 180 volts at 50 milliamperes, with a UX213 or CX313 tube. The output will be somewhat lower using a standard Raytheon tube. This power is sufficient to operate standard receiver using a UX171 or CX371 output tube which requires 180 volts, and in most cases to supply the required 40.5 volt negative grid bias. The entire A, B and C power supply for dry cell tube sets can frequently be obtained from the 650C or 650D.

650C supply set is supplied ready to operate upon adding a UX213 or CX313 tube. It is furnished with two adjustable voltage taps for detector and amplifier circuits and a high voltage tap for power tubes. Price, less tube.....

\$33.50

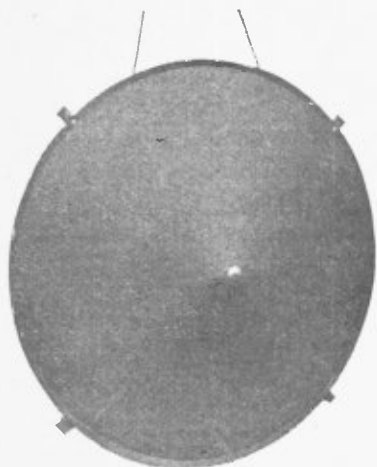
650D supply set is identical to 650C except that it is unwired. It may be wired by the experimenter in a few hours for UX213, CX313 or Raytheon tubes. Price, unwired, less tube.

\$29.00

652-B—RESERVOIR "B" KIT.....

34.50

The "Ensco" 3 Ft. Cone Speaker



With the genuine Ensco Cone Kit you can make your own three-foot cone in less than one hour. Complete parts are furnished in Kit form, with the Ensco Cone you can hear all the tones and pieces of the orchestra. It brings out the deep bass notes as well as the high notes of the violin. Can be operated either for use in living room or at its maximum volume for dancing without the least bit of trace of distortion. This Kit includes the famous Ensco Distortionless direct drive Cone Unit and all necessary parts for constructing this Speaker. Price.....

\$10.00

Aero-Coil Units

Meet the Inductance Requirement of Every Circuit

All Aero-Coils embrace a patent-protected formula and method of construction which makes possible a far more efficient inductance performance than is possible with any other type of coil.

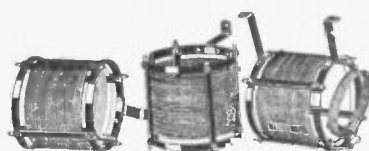
Aero 3-Circuit Tuner

This is the Aero Coil in the form of a 3 circuit tuner—and in this form it is beyond doubt the most efficient instrument of its kind ever designed. The capabilities of the 3-circuit regenerative set are many times greater when the Aero 3 Circuit Tuner is used—because the low loss characteristics of the Aero Coil are used to maximum effectiveness in this type of circuit. This tuner has a variable primary for governing the selectivity of the antenna circuit. If you have a corresponding circuit in your present set an Aero Tuner will greatly improve it. Uses .00035 condenser.



Price **\$6.50**

Tuned Radio Frequency Kit



Consists of one Aero-Coil antenna inductance with variable primary and 2 Aero-Coil Radio Frequency Transformers. Tuning range below 200 and above 550 meters when shunted with a good .00035 condenser. Nickel plated brackets which fit any condenser and mounting screws included in kit. Also complete instructions and constructional data for making the Aero Dyne, and the Craig Simplified Control 5-tube set, the two most efficient tuned radio frequency receiver ever designed.

List—the kit. **\$12.00**

Aero Interchangeable Coils No. 4 and 5

Increase range of your short wave tuner by securing coil No. 4 and coil No. 5, combined range 125 to 550 meters. Both interchangeable coils fit the same Aero base supplied with the short wave kit, and uses the same condensers.

Coil No. 4—Range 125 to 250 meters.....

\$4.00

Coil No. 5—Range 235 to 550 meters.....

4.00

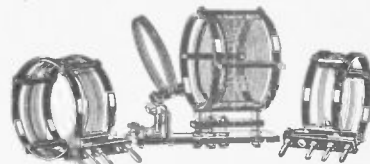
Int-Zero Coil Range, 13 to 29.4 meters.....

4.00

Aero Radio Frequency Kit

Completely Interchangeable

Used by the United States Government, broadcasting stations, university laboratories and adopted by experts and amateurs. Range 15 to 130 meters. Completely interchangeable. Includes 3 coils and base mounting, covering U. S. bands 20, 40 and 80 meters. Uses .00014 condenser on secondary, and .00025 on feedback control.

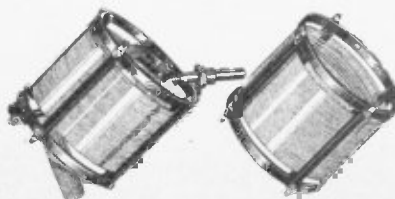


Range 15—130 Meters
Code No. LWL-125

Extra Mounting Bases—\$3.00 Each

Price **\$12.50**

Aero Radio Frequency Kit



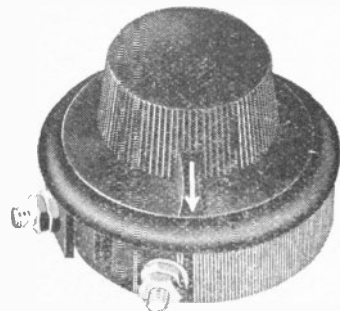
This kit consists of an Aero Radio Frequency Transformer and an especially tapped Aero 3 Circuit Tuner. If you have a set built according to a corresponding circuit you can make it amazingly more efficient by substituting this set of Aero Coils. Uses two .00035 condensers.

Price **\$10.00**



PACENT

RHEOSTATS AND POTENTIOMETER



A fine moderate priced rheostat of the very latest design with base and knob of beautiful, genuine Bakelite. Special PACENT two-unit construction for ease of mounting. Elongated mounting holes to accommodate varying spaced mounting holes in panel. POSITIVE PACENT CONTACT.

BAKELITE RHEOSTATS

Cat. No. 196 A 6 Ohm	\$.75
Cat. No. 196 B 10 Ohm .....	.75
Cat. No. 196 C 20 Ohm75
Cat. No. 196 D 30 Ohm75

POTENTIOMETERS

Cat. No. 198 B 400 Ohm75
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DAVEN

RESISTORS AND GRID LEAKS

Daven Resistors are constructed with elements of fixed resistance. The moisture is removed by means of a special extraction apparatus, after which they are tested. They are then mounted in a glass tube and hermetically sealed, rendering the unit moisture proof.

Ohms	Megohm	Price	Ohms	Megohms	Price
2,500...	.0025	\$1.00	1,000,000...	1.	.50
5,000...	.005	1.00	2,000,000...	2.	.50
12,000...	.012	.75	3,000,000...	3.	.50
25,000...	.025	.75	4,000,000...	4.	.50
50,000...	.05	.75	5,000,000...	5.	.50
100,000...	.1	.75	7,000,000...	7.	.50
250,000...	.25	.50	10,000,000...	10.	.50
500,000...	.5	.50			

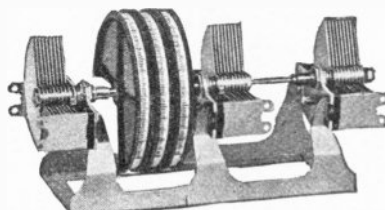
A Complete Antenna Kit which Has Beldenamtel Aerial Wire



The Belden Superadio Antenna Kit provides everything you need for an efficient outside aerial and ground. It contains:

- 100 ft. Beldenamtel Aerial
- 50 ft. Ground Wire
- 25 ft. Flexible Hookup Wire
- 2 Glazed porcelain Insulators
- 3 Nail-on Knobs
- 1 Fahnestock Lead-In Strip
- 1 Fahnestock Ground Clamp
- 1 Brach Storm King Arrestor
- 2 No. 7 Screw Eyes
- 2 1 1/2 No. 8 Iron Screws
- 12 Blake Insulated Staples
- 1 Instruction Sheet

Belden 20-foot Radio Extension Loud Speaker Cord
Price..... \$5.00



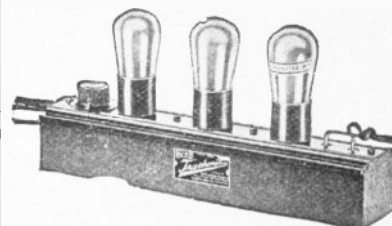
Localized Control Tuning Unit. Simple, One Hand Tuning, Without Complications of Single Control.

The Na-Ald Localized Control Tuning Unit is adaptable to every requirement. Four models, with two, three and four condensers, and with two condensers and an extra controller for tickler coil, feed back control or similar device, provides an unusual range of possibilities for set construction. The standard size, .000375 micro farads maximum capacity is suited to practically every circuit.

No. 2172 Double Condenser	\$ 8.00
No. 2173 Triple Condenser	10.00
No. 2174 Quadruple Condenser	15.00
No. 2170 Double Condenser, tickler controller....	10.00



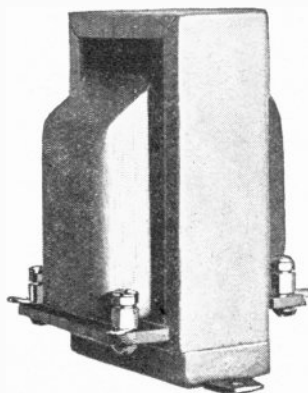
Truphonic Amplification



Perfect audio frequency amplification is at last attained by the balanced coupling system developed by Mr. H. P. Donle, the well known scientist and inventor. The truly revolutionary improvement it produces must be actually heard to be fully appreciated. The complete amplifier with output unit, sockets and battery cables,

No. 304.....	\$25.00
No. 306.....	25.00
No. 307.....	27.00
No. 300 Output Unit	5.00
Single Couplers, No. 301..	5.00
No. 301R 1 Stage Unit...	5.00

PACENT SUPERAUDIOFORMER



The Pacent Superaudioformer supplies an unusually high degree of clear amplification over the entire range of sound frequencies covered by the newest cone and drum type speakers. It is suitable for use with any type of speaker, and will give particularly fine quality and wide range of reproduction when used with the cone type speaker.

PACENT INPUT SUPERAUDIOFORMER, No. 27-A

Price, Unshielded \$6.00—Shielded \$7.50

PACENT SUPERAUDIOFORMER Output Type—Catalogue No. 27-B

Price, Unshielded \$6.00—Shielded \$7.50

PACENT AUDIOCHOKE

Catalogue No. 29

Direct current resistance: 575 ohms.

The No. 29 Audiochoke is tested at 1500 volts, and will stand continuously up to 500 volts.

Price, Unshielded \$5.00—Shielded \$6.50

The New WALBERT PENETROLA



There has long been a demand for a self-contained, independent and stable stage of tuned radio frequency for use as an auxiliary unit or "booster" for those desiring more selectivity, range and volume than their sets alone are capable of. The ISO-FARAD CIRCUIT, recently developed by WALBERT Engineers, makes PENETROLA possible. This circuit alone permits pure radio frequency amplification many times greater than has hitherto been obtained. PENETROLA is simply connected between aerial and set. It takes from the aerial the impulses from the desired station and delivers them to your receiver in a highly amplified form. In effect the station desired is brought close to you, to the exclusion of all others. The Penetrola is not a wave trap. Requires no additional batteries, operates from same batteries as operate your set. Uses any amplifying tube. PENETROLA is made in two types: (a) for antenna sets; (b) for loop sets. Equipped with standard WALBERT parts including UNIVERNIER, UNIVERNIER SELF CONDENSER, HIGH EFFICIENCY INDUCTANCE, LOW-LOSS SOCKET and ISODON.

Prices: For Antenna Set or Loop

\$35.00

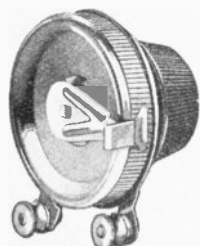
Penetrola Kit with complete instructions, without cabinet

15.00



Centralab

Rheostats



Newly designed for the heavy duty service imposed by the new power tubes. All metal, with the resistance element firmly clamped between insulated disks so that it cannot move or warp. This

insures even regulation, permanently smooth and noiseless.

No. 230 Rheostat, 30 ohms resistance....	\$1.00
No. 220 Rheostat, 20 ohms resistance....	1.00
No. 210 Rheostat, 10 ohms resistance....	1.00
No. 205 Rheostat, 5 ohms resistance....	1.00
No. 203 Rheostat, 3 ohms ribbon resist..	1.25
No. 202 Rheostat, 2 ohms ribbon resist..	1.25

Centralab Potentiometers and Modulator

Non-inductive variable high resistances like the Radiohm but with three terminals. No sliding contacts carrying current to wear in service; gives uniform noiseless variation of resistance.

No. 110 Potentiometer, 400 ohms.....	\$1.75
No. 111 Potentiometer, 2,000 ohms.....	2.00
No. 500M Modulator, 500,000 ohms.....	2.00

The Modulator is used as a volume control in audio circuits.

Centralab

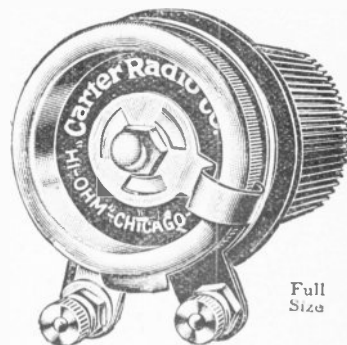


Centralab Heavy Duty Radiohms

A new Centralab Variable High Resistance, to control the output current of "B" Battery Eliminators or for other radio purposes requiring greater current capacity than Standard Radiohms. Will carry continuously currents up to 3 watts. Tested and approved for this work by the Raytheon Laboratories and is used by many manufacturers of "B" Battery Eliminators. Base is 2 1/4 inches in diameter. Insulation tested to withstand 1500 volts.

No. 50M Heavy Duty Radiohm, 5,000 to 50,000 ohms.....	\$2.00
Used primarily as the detector voltage control.	
No. 10M Heavy Duty Radiohm, 0 to 10,000 ohms.....	\$2.00
Used as the amplifier voltage control in series with the high voltage output.	
No. 2M Heavy Duty Radiohm, 0 to 2,000 ohms.....	\$2.00
Has three terminals and is designed as a C bias control.	

Carter New "Imp" Rheostat

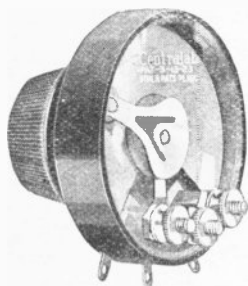


Full Size

Smallest rheostat made—only 1 1/8-in. diameter. Projects only 3/8 in. from back of panel. Nickel-plated brass clamp rings hold the resistance element securely in place and insure reliable service by preventing the turns of wire from coming together. Single hole mounting.

25 ohm \$1.00

Centralab Switch Type Radiohms and Modulators



Combines a positive quick acting "A" battery switch with an oscillation or volume control. Removes one more knob from the panel and makes the set appear simpler and easier to operate. Provides two essential controls at little more than the price of one. Turning the knob to the right lights the tubes and then increases the volume. Turning it to the left decreases volume and then cuts off the batteries. "A" battery switch parts are spring bronze, nickel plated with positive acting, silver contacts.

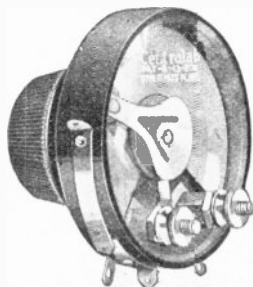
No. 500MS Switch Type Radiohm, 0 to 500,000 ohms **\$2.30**

Tapered to control oscillation and volume in the plate circuit of radio frequency amplifiers.

No. 500MS Switch Type Modulator, 500,000 ohms maximum **\$2.30**

Has three terminals like the standard modulator, and is tapered for volume control in audio circuits.

Centralab Radiohm



A Non-Inductive Variable High Resistance

Can be varied smoothly throughout its entire range from zero to maximum resistance. Dependable, noiseless, and stable in operation. Shell is molded Bakelite, Knob, black Bakelite with arrow engraved in white.

No. 2M Radiohm, 0 to 2,000 ohms.....	\$2.00
Used as an oscillation control in grid or grid return circuits.	
No. 25M Radiohm, 0 to 25,000 ohms.....	\$2.00
For the S-M (Silver-Cockaday) circuit.	
No. 50M Radiohm, 0 to 50,000 ohms.....	\$2.00
Provides variable output voltage for "B" battery eliminators.	
No. 51M Radiohm, 0 to 50,000 ohms.....	\$2.00
For circuits using a shunt variable resistance to control regeneration.	
No. 100M Radiohm, 0 to 100,000 ohms.....	\$2.00
For "B" battery voltage control.	
No. 200M Radiohm, 0 to 200,000 ohms.....	\$2.00
Original and most satisfactory plate circuit resistance for controlling B. F. oscillation.	
No. 500M Radiohm, 0 to 500,000 ohms.....	\$2.00
Used as plate circuit oscillation control when volume control is also desired.	

NEW TYPE YAXLEY

Rheostats and Potentiometers



Rheostat

The Air-Cooled Rheostat

The new Yaxley Rheostat is scientifically designed to give the most perfect results. The large number of turns of special non-rusting resistance wire make this "the straight line rheostat." Fine adjustment, feeds current slowly and evenly. The resistance unit is suspended in air. This permits an even rise in temperature and does away with excessive heating. No steel is used in the construction. Mounts in single panel hole (1 1/4"). Furnished complete with bakelite knob. 2, 3, 6, 10, 15, 20, 25, 30 or 40 ohms.

Price, each **\$1.35**

Potentiometer Air-Cooled

Potentiometer has exactly same construction as Rheostat. Knob and Etched Dial Plate regularly furnished with Potentiometers. 200 or 400 ohms.

Price, each **\$1.75**



Brach (Rosin Core) Solder



Consists of a tube of pure solder with a core of rosin. It is furnished in either spools or 18" lengths, in No. 14 size. Price per length 5 cents.

Price, per lb. \$1.00

Brach Electric Soldering Iron

Guarantee

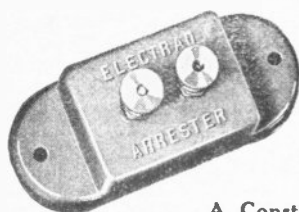
The Brach Electric Soldering Iron is constructed of the best of material and workmanship throughout, and is guaranteed to perform satisfactorily where properly used on 110 to 120 volt, Alternating or Direct current circuits. Any part developing a defect within one year from date of purchase will be repaired free of charge.

Models and Prices		
Model	Point	Price
B.S.	Small $\frac{3}{16}$ "	\$2.50
B.L.	Large $\frac{1}{2}$ "	2.50
B.S.L.	Small and Large	3.00
S.	Small point only	.50
L.	Large point only	.50
C.	Casing for heat element	.50

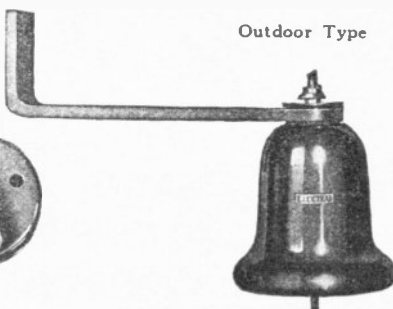


"Electrad" Lightning Arrester

Indoor Type
No. 100



Outdoor Type



A Constant Safeguard Against Loss

If a fire should occur, it's best to have an approved lightning arrester. Improved construction assures unvarying air gap spacing. Completely sealed and moisture proof. Indoor Arrester is of glazed porcelain. (Listed under re-examination service by the National Board of Fire Underwriters.)

Indoor type, each. \$.50
Outdoor type, packed in individual boxes, each. 1.50

Brach Glass Insulators

A low loss crystal insulator of high dielectric value. Will not absorb water or accumulate dust or dirt. Large flanges increase insulating surface. Tensile strength far in excess of requirements.

Price, each 25c



SCRANTON BATTERY CAP An Innovation in Battery Testers

3 Cells Tested in 30 Seconds

New in design, new in application—revolutionary, in fact—for battery testing is now reduced to its simplest elements.

Remove the vent caps that come on battery, replace with Scranton Battery-Cap-Testers, and leave them there as a permanent part of the battery. To test the condition of battery solution, simply compress bulb, draw solution into barrel—a single glance tells whether Good, Fair or Poor—and the job is done. Solution automatically passes back into battery. Each Scranton is a water gauge as well. Tells instantly if water is needed.

Furnished to fit practically any type of battery. Accuracy guaranteed. Price for set of three. . . . \$2.00



MARVEL BATTERY TESTER

Prong Float
Easily Read



"Triple
Tested"
Float

Accurate Within the
Limits of Human
Ingenuity.

Combination Nozzle
Square Collar Prevents
Rolling and Breakage.

Price. 75c

Cutler-Hammer Products

C-H Heavy Duty Radio Switch

The positive, quick make-and-break mechanism, the self-cleaning contacts, the large contacts, the patented floating contactor construction, and the minimum resistance of C-H Heavy Duty Radio Switch insure most satisfactory operation. Touching the button or jarring the set does not affect the contact nor introduce microphonic noises even in the most sensitive circuits. Easy to mount, requiring but one hole. Adjustable to panels of any standard thickness. The switch mechanism is entirely enclosed in a dust-proof case and insulated with fibre. All metal parts are nicked.



C-H Heavy Duty Switch. Each 60c

C-H Radio Toggle Switch

The C-H Radio Toggle Switch is the first application of the popular toggle switch idea to radio control. The simple operation, handsome appearance, and sturdy utility have won for it many converts among experienced radio builders. A flip of the operating lever, with the finger, turns the current "on" or "off." A black aluminum lettered plate positively indicates whether the circuit is open or closed. The toggle lever, operating through a ball bearing actuates the large fan-shaped contact, which gives smooth and quiet operation.



C-H Toggle Switch. Each 60c

C-H Radioloc

The C-H Radioloc is similar in construction to the C-H Heavy Duty Radio Switch, except that it is controlled by a key instead of the push and pull button.

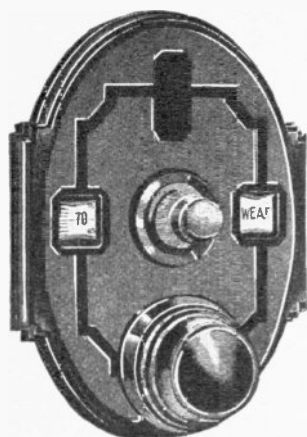
It is recommended where there are small children in the house, who may tamper with the set and run down the battery or burn out tubes, or where the set may be used by adults without authority.

The switch mechanism is entirely enclosed in a dust-proof case and insulated with fibre. The heavy brass terminals are convenient and designed with soldering lug for tight connections.



C-H Radio Switch. Each 60c

**NEW ACCURATUNE
Vernier Dial No. 111**



On this new style recording dial ample space has been provided to jot down call letters. The dial is beautifully proportioned, made of genuine Bakelite with handsome embellishments. Truly a product of master craftsmen. Graduated 0-100. Ratio 10-1. Either rotation. Width, 4". Height, 5 1/4".
(Recording) each\$2.00

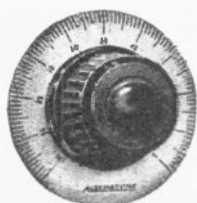
**"Electrad"
Lamp Socket
Antenna**

Reduces Interference



Simplest, neatest and most efficient on the market.
No need of outdoor or indoor aerials, every electric light socket an antenna. Plugs in on any electric light line. Reduces static and "canary birds," a distance getter.
Price, each **75c**

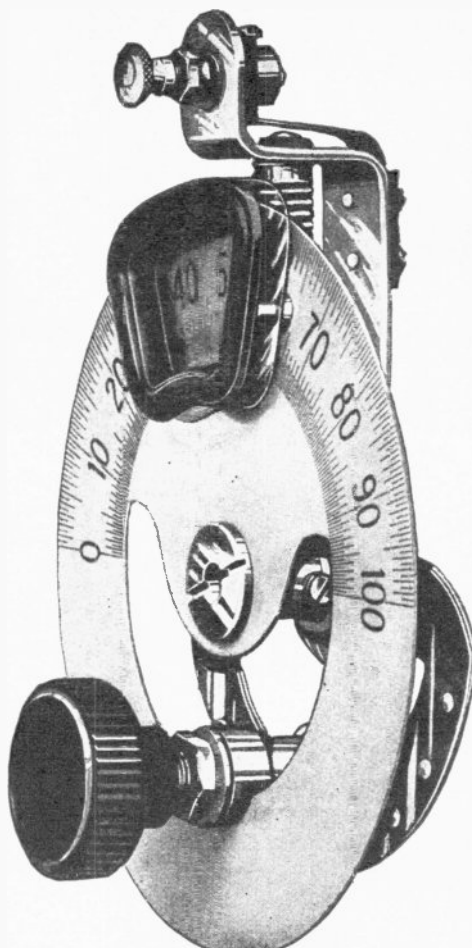
**ACCURATUNE
Rheostat Control**



"Accuratune" has become synonymous with "excellence" in the matter of dial manufacture. The one shown herewith is a particularly ingenious design which combines a maximum of efficiency with facility of operation and good looks. Attractively engraved, this rheostat control is bound to add to the handsome appearance of the receiver.

Price each **75c**

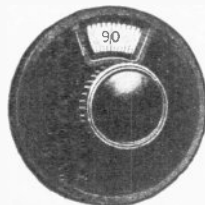
**MAR-CO ILLUMINATED
CONTROL No. 220**



Made to conform with 1927 radio specifications. Easy to mount. Nickel finish throughout. Specified by Lawrence Cockaday in his new L. C. 27 Receiver. Furnished complete as follows:
1 control mechanism with universal mounting bracket, 1 light switch, 1 Bakelite bezel, 1 6-volt indicator lamp, 1 celluloid precision dial, template and instruction book.

No. 220 0 to 100 **\$3.50**
No. 221 100 to 0 **3.50**

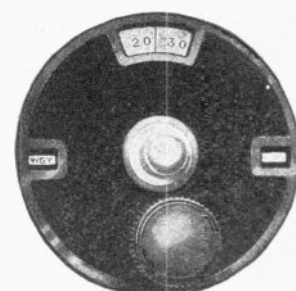
Mar-co 2" Rheostat Dial



No. 214

Matches the Standard Mar-Co dial.
No. 214 Standard model **.75**
No. 214A Special model for
Cockaday L. C. 27
Receiver **.75**

**MAR-CO 4" BAKELITE
Vernier Dial 180°**



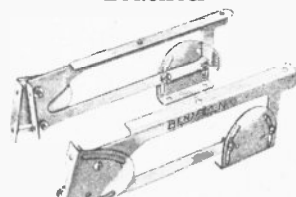
No. 192

Specified in New Hammerlund-Roberts 1927 Receiver. Non-microphonic. Absolutely no backlash. Provides for filling in station call letters. Only one hole to mount. Metal template supplied.

No. 192	0-100	Black bakelite, nickel finish	.....	\$2.50
No. 203	100-0	Black bakelite, nickel finish	.....	2.50
No. 204	0-100	Black bakelite, gold plate	.....	2.75
No. 205	100-0	Black bakelite, gold plate	.....	2.75
No. 208	0-100	Mahogany bakelite, gold plate	.....	2.75
No. 209	100-0	Mahogany bakelite, gold plate	.....	2.75
No. 212	0-100	Mahogany bakelite, nickel finish	.....	2.50
No. 213	100-0	Mahogany bakelite, nickel finish	.....	2.50

BENJAMIN

**Adjustable Shelf-Supporting
Brackets**



For use in building receivers with sloping panels or for high receivers where additional height is required underneath the subpanel for mounting tall parts.
Price, adjustable, a pair **\$1.25**
Price, rigid type, a pair **.70**



**The Davy Dry Trickle Charger
FOR A.C.**

List **\$17.50**

The Pacent Powerformer!

A new day has dawned in Radio with the introduction of the Pacent Power-former

WITH the PACENT POWER-FORMER you eliminate the B Batteries, and by simply plugging into your electric light socket or outlet, you enjoy a constant, even, never decreasing source of B current at a cost almost too small to be taken into consideration.

THE PACENT POWERFORMER can be operated from any 60 cycle 110 volt alternating current house supply, and consumes no more current than an ordinary 60 watt lamp. It is only 8"x8"x10" and weighs approximately 32 pounds—therefore truly portable.

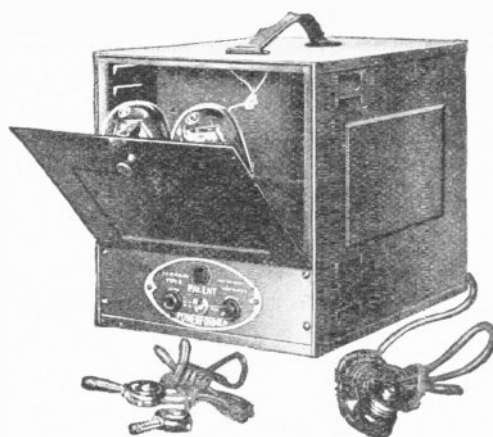
Wherever you are, whatever set you use with a good loud speaker (cone type preferred) it gives you absolutely exceptional results.

Description

Its case is entirely of metal, with the exception of the leather handle, and is most attractive, being finished in a neutral satin bronze duco, rendering it suitable for association with any radio receiving set and loud speaker.

Its lines and coloring have been especially designed and adopted so that it will harmonize with the surrounding house furnishings.

A hinged door on the front of the cabinet provides easy access to the tubes. Below the door there is an attractive face plate, with an input jack and an output jack, a tumbler type control switch and a red pilot light, which indicates whether the POWERFORMER is "on" or "off."



Operation and Installation

The POWERFORMER is simplicity itself. That, in fact, is what makes it so striking, aside from the marvelous results obtained. There are no adjustments, no controls, no fussy meters to watch. The usual receiver, rheostats and tuners control the loud speaker volume obtained with the POWERFORMER, from a mere whisper to a thunderous rendition, always without distortion.

To connect, simply hook up one end of the connecting cord to the first audio stage of your receiving

set by either plugging into the jack usually provided for headphones, or if no head-phone jack is provided, use either Pacent No. 24 Adapter for Navy Standard Sockets or Pacent No. 34 Adapter for U. X. type sockets. The other end of the connecting cord is then plugged into the "input" jack of the POWERFORMER.

Then plug the loud speaker cord into the "output" jack of the POWERFORMER, turn the tumbler switch to "on" and the POWERFORMER is at work.

List price (exclusive of tubes, but including all necessary connections) **\$97.50**

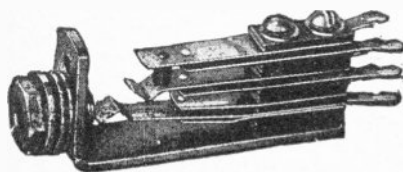
The following are required:

- 1 UX-216 or CX-316B Rectifying Tube
- 1 UX-210 or CX-310 Amplifying Tube

The device is only guaranteed when used with genuine Sonatron, Radio Corporation of America or Cunningham Tubes.

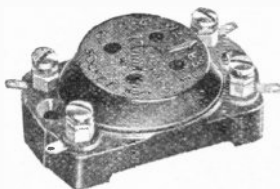
PACENT "SPLITAB" JACKS

The easiest soldering jack ever produced



Cat. No.	Price
61 "Splitab" Single Open Circuit Jack	\$50
62 "Splitab" Single Closed Circuit Jack .....	.55
63 "Splitab" Double Circuit Jack ... ..	.60

PACENT UNIVERSAL SOCKET

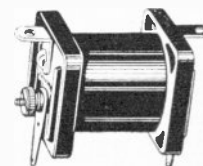


A genuine Bakelite socket with real phosphor bronze spring suspension. Solder tabs and spring members are all in one piece making absolutely certain good connections at all times. Unique spring design insures positive non-microphonic cushion effect. Push contacts seat tube prongs properly and effect positive reliable contact.

Cat. No. 83, Price. **\$.65**

Samson

CHOKE COILS



Samson Audio Frequency Choke No. 3	\$3.25
No. 85—R. F. Choke	\$2.00
No. 125—250 M. H.	\$2.25
No. 500—Long Wave Choke	\$5.00
The latest in Push-Pull Amplification, Samson	
Push Pull, Price for one pair	\$19.50



Ideal RADIO METERS

Ideal Radio Meters work on the principle of the polarized vane for direct current measurements. This construction is most efficient and durable. The voltmeters have high compensated resistances—from 17 to 100 ohms per volt, yet are priced so low as to be in a class by themselves. The coils do not heat on simultaneous tests as with low resistance voltmeters and are especially suited for all radio testing.

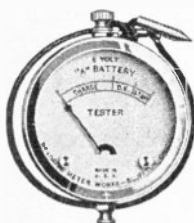
POCKET STYLE



No. 50

Used for testing "B" Batteries—Dry or Storage 0-50 volts. Dead lines at 22½ and 45 volts.

List Price.....\$1.00



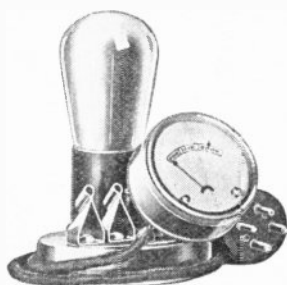
No. 23

"A" Storage Battery Charge Tester. Shows condition of battery—when to charge and stop charging.

List Price.....\$1.00

CASES are finished in bright nickel, 2 inches in dia., with silvered metal dial. Packed in individual cartons, 10 to the box. 100 meters to the standard package, 20 pounds per hundred. The lower terminal post is marked positive and makes meter convenient for indicating polarity when connecting sets.

Readrite



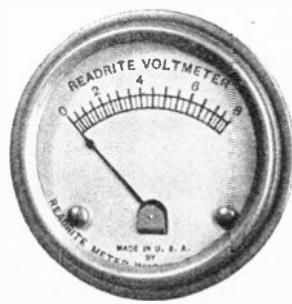
TYPE AA TUBE TESTER

THIS tester is designed for the set owner to use at home. Its operation is so simple anyone can use after reading instructions, and find that weak tube with the least possible effort. The meter hand indicates directly the condition of the tube without calculation or comparisons of any kind. Has no switch or contacts to get out of order. The meter is removable and may be used for a variety of other testing. It is not necessary to change battery wires in sets which are connected in opposite polarity. This tester also detects shorts between grid and filament. Full instructions on carton and tester.

No. 201—AA For all five volt tubes, list \$3.00

No. 199—AA For all three volt tubes, list \$3.00

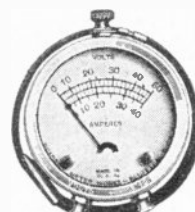
PANEL STYLE



No. 335

Narrow Flange
Rear Clamp-on Style
List Price.....\$1.00

POCKET STYLE



No. 35

Volt Ammeter for testing "A" dry cells and "B" batteries.

0-50 volts 0-40 amps.

List Price.....\$1.50

PIN JACK VOLTMETER



No. 306

TWO KINDS—

For Radiola's 25 and 28. No. 308 for Radiola 20. Adjustable pin. Base can be had with resistance and cord to test "B" batteries and make meter read 120 volts.

List Price.....\$2.50

IF there is any special type of meter that you want and it is not listed, we can get it for you, we can also obtain any other make that you may desire. We also stock Weston Meters.

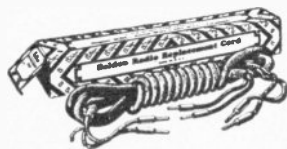
Beldenamel Aerial Wire

This improved wire for outside aerials consists of individual Beldenamel Wires either stranded or braided together into a cable. The enamel insulation between strands increases surface area and improves reception of weak signals. The enamel also protects against corrosion and keeps the wire clean so that radio frequency currents are handled with minimum loss regardless of how long the aerial has been up.



Code	Specifications	Unit Package	Standard Package	Case Quantity	List Price
GRANITE-L	7 x No. 22 Beldenamel	200-lb. Reel	1 Reel	3 Reels	\$65.00 c lb.
	Stranded	100-ft. Coil	50 Coils	100 Coils	1.00 coil
	Weight 14.5 lbs.	150-ft. Coil	25 Coils	100 Coils	1.60 coil
	per M ft.	1000-ft. Coil	1 Coil	10 Coils	10.00 coil
GARTER-L	16 x No. 28 Beldenamel	25 lb. Reel	1 Reel	6 Reels	104.00 c lb.
	Braided	100-ft. Coil	50 Coils	100 Coils	1.00 coil
	Weight 7.7 lbs.	150-ft. Coil	25 Coils	100 Coils	1.40 coil
	per M ft.	1000-ft. Coil	1 Coil	10 Coils	10.00 coil
GUN-L	No. 12 Beldenamel, Solid	100-ft. Coil	25 Coils	100 Coils	1.15 coil
		150-ft. Coil	25 Coils	100 Coils	1.70 coil
GUMP-L	No. 14 Beldenamel, Solid	100-ft. Coil	25 Coils	100 Coils	.80 coil
		150-ft. Coil	25 Coils	100 Coils	1.15 coil

Belden Replacement Cord



No. 617

These are 5-foot head set and loud speaker cords for replacement of worn cords.

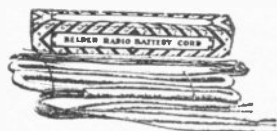
SPECIFICATIONS: Conductors are 18 strands best copper tinsel twisted into 3 cords for maximum flexibility and service. Two dry cotton braids on each conductor. Solid pin tip terminals (code Consol) on both ends. Packed in individual cartons for convenient resale.

Code	Specifications (See Above)	Carton Contains	Standard Package	Case Quantity	List Price per Cord
FLITE-A	Single headset	1 Cord	25 Cords	100 Cords	\$0.35
DOILY-A	or loud speaker Double headset	1 Cord	25 Cords	100 Cords	.55

Belden Battery Cord

Here is a real boon for the radio fan. Five flexible stranded conductors, each with individual markings, according to A. M. E. S. Standard, cabled together with a serviceable and attractive brown braid of glazed cotton. Does away with the usual unsightly mass of tangled hook-up wires. Colored tracers make checking of connections simple and absolutely accurate.

SPECIFICATIONS: Belden Battery Cord comprises 2 No. 16 and 3 No. 18, 6 ft. lengths of flexible rubber covered stranded copper conductors. Each conductor is covered with individually marked cotton braid. All conductors contained in brown braid of glazed cotton. Each cord is packed in a distinctive Belden carton. A rapid seller and very profitable.



No. 614

Code	Specifications	Carton Contains	Standard Package	Case Quantity	List Price per Cord
FRIEND	See Above	1 Cord	10 Cords	100 Cords	\$0.75

Belden Colorubber Flexible Tinned Hook-up Wire

For connecting batteries, aerial or ground, or connections within the set.

Stranded bare copper wire, equivalent to No. 18 B. & S. Gauge, insulated with cotton wrap, code rubber, glazed cotton outer braid or Rayon (artificial silk) outer braid. See specifications for various codes. Packed 25 ft. coil to a carton.

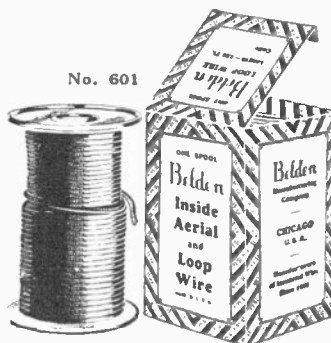


SPECIFICATIONS: Stranded tinned copper wire equivalent to No. 18 B. & S. Gauge, insulated with Belden Colorubber (colored rubber), either natural, red, green or blue.

Code	Unit	Standard Package	Case Quantity	Price
Rio Natural	1-25 ft. Carton	20 Cartons	100 Cartons	\$0.40
Rio Green	1-25 ft. Carton	20 Cartons	100 Cartons	.50
Rio Blue	1-25 ft. Carton	20 Cartons	100 Cartons	.50
Rio Red	1-25 ft. Carton	20 Cartons	100 Cartons	.50

Belden Wire for Loops

A special flexible wire on small metal spools for winding radio loops. Furnished 125 feet on a spool in attractive individual cartons.



No. 601

SPECIFICATIONS: CODE FASHION-B 60xNo. 38 copper wire stranded with 5xNo. 36 copper wire which has been specially treated to prevent stretching, double serve of maroon cotton over all.

CODE FLOOR-B 60xNo. 38 copper wire stranded with 5xNo. 36 copper wire which has been specially treated to prevent stretching. One serve of cotton and a braid of brown or green Rayon (artificial silk) over all.

Code	Specifications	Unit Package	Standard Package	Case Quantity	List Price per Spool
FASHION-B	See Above	125-ft. Spool	10 Spools	100 Spools	\$0.95
FLOOR-B	See Above	125-ft. Spool	10 Spools	100 Spools	1.75

Belden Lead-In and Ground Wire

A popular seller, merchandised in cartons, 100-ft. coil to carton. Convenient cartons aid sales and save time in measuring and cutting. Also prevent stock waste.

SPECIFICATIONS: CODE PEW No. 14 solid tinned copper, 3/64" wall Beldenite insulation, and one weatherproof braid, either white or black. Approved by Fire Underwriters.

CODE PET: No. 14 tinned copper stranded, with 3/64" wall Beldenite insulation, one weatherproof braid, either white or black. Approved by Fire Underwriters



No. 603X

Code	Specifications	Carton Contains	Standard Package	Case Quantity	List Price per Coil
PEW	See Above	50-ft. Coil 100-ft. Coil	25 Coils 25 Coils	100 Coils 100 Coils	\$1.15 2.20
PET	See Above	50-ft. Coil 100-ft. Coil	25 Coils 25 Coils	100 Coils 100 Coils	1.26 2.60

Six tubes ~ One Control

FRESHMAN

MASTERPIECE

Master "B" Eliminator

\$22.50
with Tube

A. C. Model
Illustrated
6 in. Square
Weighs 7 1/2 lbs.

CODE WORD:
ACLIM



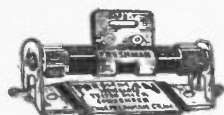
A. C. Model for alternating current.

Freshman Rectifying Tube is required for operation of the A. C. Model. One shipped in each carton.

D. C. Model for Direct Current

\$17.50

CODE WORD: DELIM



FRESHMAN "FIXO"

4 in 1. Combines Fixed Resistance, Con-

denser, Leak Mount, Grid Leak and SAFE-T Handle. Mounts anywhere. Capacities: .00015 M.F., .00025 M.F., .0005 M.F.

CODE WORD: FICOP

Price 65c each Complete

FRESHMAN

Double Adjustable Crystal Detector

For all Reflex and Crystal Sets

No more searching for sensitive spots. Just turn knob as you would a dial.

Complete with

FRESHMAN SUPER-CRYSTAL

CODE WORD: CRYDE

Price \$1.50 each

FRESHMAN PLUNGER TYPE Variable Grid Leak



Price 65c each

Replaces any fixed leak. Permits delicate control.

FRESHMAN

Guaranteed Capacity Noiseless

MICA CONDENSERS



The only fixed condenser designed so that equal pressure is constantly applied over all plates, preventing noises. Metal case protects plates. Least hysteresis loss. Only highest grade, tested pure India Rubber Mica used.

Capacities

.0002
.00025
.0003
.00035
.0005

Price

35c
each

Code Words:

TWODA
TWOFI
TRITR
TRIFI
TRIOF

Capacities

.001
.0015
.002
.0025

Price

40c
each

Code Words:

TWONE
TWOMF
TWOOT
TWOTY

Capacities

.005
.006

Price

75c
each

Code Words:

TWOCV
TWOSX

ANTENELLA

Makes
Outdoor
Aerials
Unnecessary



Every electric socket in your home becomes an aerial and ground with ANTENELLA, the original antenna plug. Fits all standard receptacles.

CODE WORD:
ANELA

Price \$1.25 each

FRESHMAN

Mica Condenser and Leak Mounting



Mounts on binding post of any tube socket, assuring necessary shortness of grid leads.

Capacities

.00015
.00025
.0005

Price

40c
each

Code Words:

ONEFI
ONTVI
ONEXA

Base Type FRESHMAN VARIABLE GRID LEAKS



Register from 1 to 10 megohms

with graduated scale for calibrating.

Base Type Grid Leak Only

CODE WORD:
REDBA

Price 75c each



Panel Type Grid Leak Only

CODE WORD:
PERED

Price 75c each

Grid Leak and Condenser

CODE WORD:
PEBEL

Price \$1.00 each

WE CARRY A COMPLETE LINE OF FRESHMAN PRODUCTS

ITS FEATURES MAKE TRAV-LER AN ALL SEASON SELLER



Portable "5" Radio Receiver

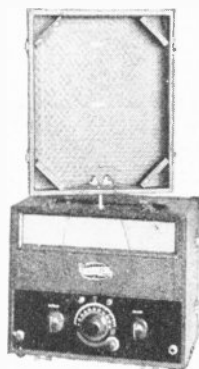
"Take It With You Anywhere"

SINGLE DIAL CONTROL

Weighs only 24 pounds



Ready to Travel



*Set Up
Ready for Tuning*

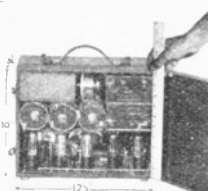
THE TRAV-LER is the answer to the question of "Portability" in Radio Receiving Sets. The TRAV-LER weighs only 24 pounds completely equipped, and has the volume and quality of reproduction which puts it far in the lead in this type of receiver.

Features

The TRAV-LER Portable 5 combines small size with ease of portability; sweet tone; ample selectivity; strong volume; distance and low price. All standard parts easily obtainable.

A sturdy, neat-appearing black leatherette cabinet, which contains all the equipment. Excellent material and workmanship is built into this luggage to withstand wear.

Single Dial Control
Spring Base Sockets
Built-in Loud Speaker
2 Stages of Radio Frequency Detector
2 Stages of Audio Amplification
Phone Jack
Loop Aerial



Back cover open showing compactness and ease of replacing tubes and batteries.

List Price Set Stripped

\$65.00

List Price Accessories

5-X 299 Tubes.....\$11.25
3 Dry Cells 1.50
2 45-V B Batts..... 6.50

List Price, Complete,

\$84.25

Standard Five

BEST BY TEST

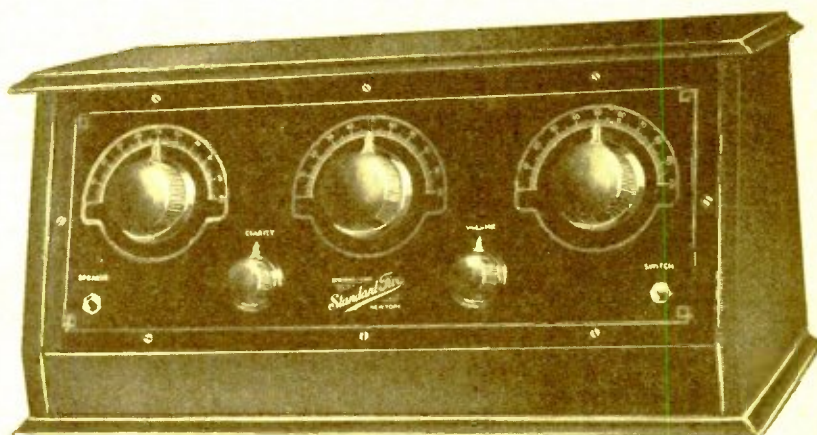
THE Standard Five Tuned Radio Frequency receiver is not a machine-assembled proposition; it is a unit of standard parts made in our factory according to our specifications. Each part is carefully made and rigidly inspected before it goes into the receiver, and when assembled is given final tests, which accounts for its exceptional performance.

The tuning apparatus is made up of all the newly discovered low-loss equipment, which insures maximum efficiency in operation. It is built in a handsome mahogany finish, sloping-front cabinet, of the latest and most pleasing design, thus making one of the most wonderful appearing, low price sets on the market, harmonizing with the surroundings in any home.

Distant stations can be tuned with remarkable clearness in volume on a loud speaker.

Once a station is logged you can always get the same station back again by copying down the dial settings. Local stations can be tuned out and distant stations received without any interference. It does not squeal, howl or reradiate.

The Standard Five will work with UV201A, UV199, WD12,



C301A, C199 and C12 tubes. We recommend for best results a set of five UV201A or C301A tubes. A CX300A or UX200A may be used as a detector tube if desired. For good volume it is necessary to have at least 90 volts of "B" battery on the amplifiers and 22½ to 45 volts on the detector.

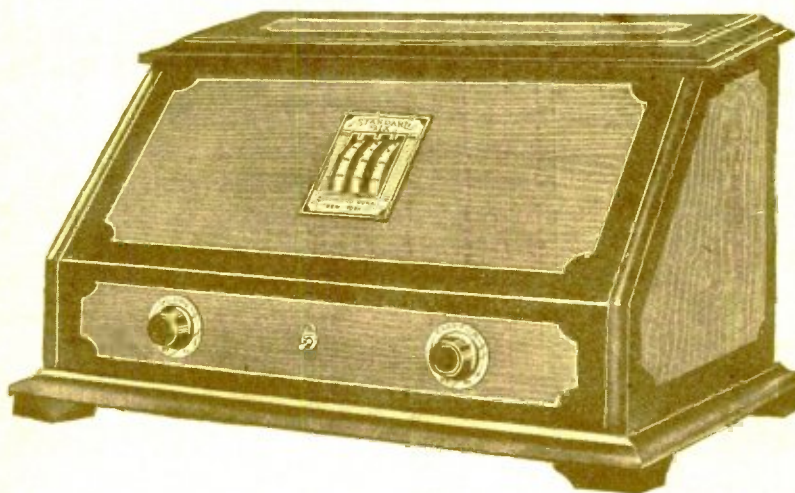
Price.....\$39.50

Standard Alden Truphonic Six

DELIVERS
QUALITY

BRINGS IN
DISTANCE

EXCEPTION-
ALLY
SELECTIVE
AND
SENSITIVE



SIMPLIFIED
TUNING
CONTROL

TRUPHONIC
AMPLIFICA-
TION

OPERATES ON
INDOOR OR
OUTSIDE
AERIAL

IN the STANDARD SIX we have the acme of perfection due to a truly balanced, non-oscillating circuit coupled with the last word in Audio Amplification.

The condenser control is unique and novel. While it has many of the one-dial control features it is still a three-dial control in the latest Drum style, thus insuring selectivity, especially on distant stations which are brought in with utmost ease.

Our Audio circuit is the climax of years of experimenting, and is the real surprise on the market this year. Truphonic, as it is known to the trade, is all that the name im-

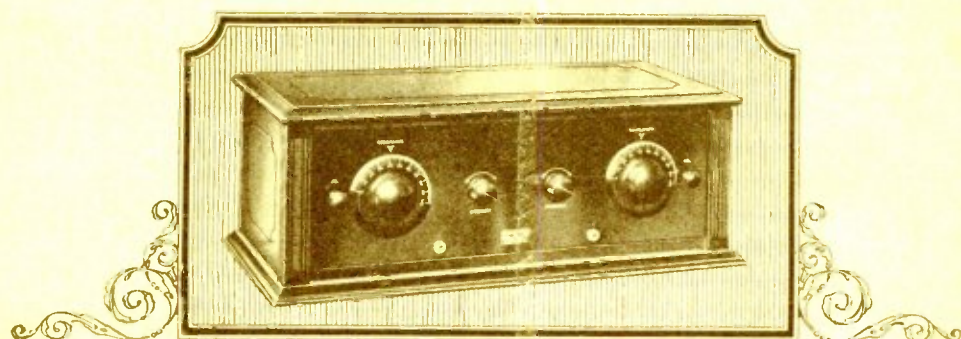
plies. It is as sweet in tone as resistance or impedance coupled, and is more voluminous than any pair of matched transformers.

The set is also fitted with a control so that a power tube or a 201A may be used in the last audio stage.

The cabinet is a handsome piece of furniture, made of highly seasoned Walnut Veneer, designed by one of the foremost cabinet manufacturers in the country. It has a two-tone effect, and is capped with a rich mellow satin finish.

Price.....\$75.00

BROWNING-DRAKE RADIO



Factory Built Set

NINE out of every ten radio fans know Browning-Drake. Since its introduction over two years ago, when Glenn H. Browning and Frederick H. Drake set a mathematical standard of design for radio frequency transformers, a hundred thousand Browning-Drake fans have praised its distinct improvement in radio receiving.

This good-will coupled with the nation-wide publicity following every recognized advance, has given Browning-Drake a place in Radio no dealer can afford to overlook.

One stage of scientifically designed radio frequency, incorporating the Browning-Drake transformer, together with the flexibility of a two-control receiver, has yet to be improved upon for all around satisfactory reception. Constantly improved as new refinements are proved worthy, Browning-Drake has no yearly models to become obsolete.

Browning-Drake produces only one model, built complete at its Brighton laboratories. Sold at the fair price of \$95.00, steadily maintained, every Browning-Drake dealer has made money, and every Browning-Drake customer has been permanently satisfied.

List Price \$95.00