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# KRESGE'S RADIO CATALOG

*and* **BUYER'S GUIDE**



**POPULAR PRICED RADIO  
DEPARTMENTS IN ALL  
S. S. KRESGE CO.'S**

**25¢ - To - \$1.00**

**Green Front Stores**

**1929**

**EDITION**

**PRICES SUBJECT TO CHANGE**

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This catalog lists Parts for complete A. C. and D. C. Sets as well as parts for the new shielded grid and short-wave sets. Many new Power Amplifiers are also shown.

The low prices quoted are only made possible by the best of merchandising methods and by the tremendous buying power of this large syndicate.

# RADIO SET ACCESSORIES

## D. C. TUBES



Cat. No.	Price
101—Volutron U. X. 201-A Detector Amplifier.....	\$ .65
102—Van Dyke U. X. 201-A Detector Amplifier.....	.75
103—O. K. U. X. 201-A. Detector Amplifier.....	.65
104—Volutron U. X., and U. V. 199 Detector Amplifier.....	.75
105—Van Dyke U. X. and U. V. 199 Detector Amplifier.....	.89
106—O. K. U. X. and U. V. 199 Detector Amplifier.....	.75
107—Van Dyke D. C. Shielded Grid Tube U. X. 222.....	2.75
108—O. K. D. C. Shielded Grid Tube U. X. 222.....	2.00

## Power Tubes

Cat. No.	Price
114—Volutron U. X. 112-A 5 Volts.....	\$1.10
115—Van Dyke U. X. 112-A ¼ Amp. 5 Volts.....	1.10
116—O. K. U. X. 112-A ¼ Amp. 5 Volts.....	1.10
117—Volutron U. X. 171-A 5 Volts.....	1.10
118—Van Dyke U. X. 171-A 5 Volts.....	1.10
119—O. K. U. X. 171 5 Volts.....	1.10
120—Volutron and O. K. U. X. 210 7.5 Volts.....	3.00
121—Van Dyke U. X. 210 7.5 Volts.....	3.25
122—O. K. and Van Dyke U. X. 250 7.5 Volts.....	4.98
123—Van Dyke U. X. No. 245 2.5 Volts.....	2.00

# RADIO SET ACCESSORIES

## A. C. TUBES



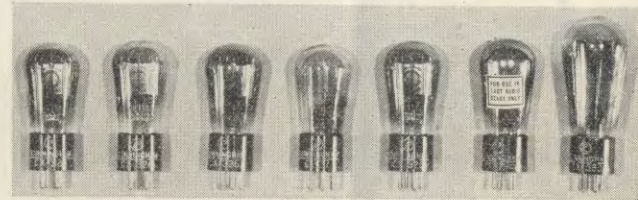
Cat. No.		Price
125	Volutron U. X. 226 A. F. or R. F. Tube.....	\$ .89
126	Van Dyke U. X. 226 A. F. or R. F. Tube.....	1.00
127	O. K. U. X. 226 A. F. or R. F. Tube.....	.89
128	Volutron U. Y. 227 Det. or Amplifier .....	1.25
129	Van Dyke U. Y. 227 Det. or Amplifier .....	1.50
130	O. K. U. Y. 227 Det. or Amplifier .....	1.25
131	Van Dyke U. Y. 224 A. C. Screened Grid .....	2.25
132	O. K. U. Y. 224 Screened Grid Tube.....	2.00

## Rectifier Tubes

Cat. No.		Price
134	Volutron U. X. 280 Full Wave .....	1.50
135	Van Dyke U. X. 280 Full Wave .....	1.75
136	O. K. U. X. 280 Full Wave .....	1.50
137	Volutron U. X. 281 Half Wave Rectifier.....	3.00
138	Van Dyke U. X. 281 Half Wave .....	3.00
139	O. K. U. X. 281 Half Wave .....	3.00

# RADIO SET ACCESSORIES

## CUNNINGHAM TUBES



141	C299 Detector Amplifier .....	\$1.90	147	380 Rectifier .....	\$2.50
142	CX299 Detector Amplifier .....	1.65	148	381 Rectifier .....	6.50
143	326 Detector Amplifier .....	1.45	149	345 Amplifier .....	2.90
144	327 Detector Amplifier .....	2.10	151	322 Screen Grid .....	4.00
145	371A Amplifier .....	1.90	152	324 Screen Grid .....	3.35
146	301A Detector Amplifier .....	1.00	154	212A Amplifier .....	1.90



## ROYAL "B" BATTERIES

160	Royal Heavy Duty "B" Battery 45 Volt.....	\$2.25
161	Royal Standard Size 45 Volt Vertical .....	1.50
162	Royal 22½ Volt B or C Battery .....	.89

# RADIO SET ACCESSORIES

## "B" BATTERIES



Banner "B" Batteries are made especially for the S. S. Kresge Company by one of the large Battery Manufacturers. Due to the great number of "B" Batteries sold in the Kresge stores, you are assured of fresh stock at all times. All "B" Batteries are tested at time of purchase.

Cat. No.	Price
165—Banner Heavy Duty 45 Volt .....	<b>\$2.25</b>
166—Banner Standard Size 45 Volts Vertical .....	<b>1.50</b>
167—Banner 22½ Volts B. or C. ....	<b>.89</b>



## Dry Cell and "C" Batteries

The 22½ Volts listed above can be used for B or C battery. If 45 Volts of C battery is required a standard size 45 Volt B battery should be used.

Cat. No.	Price
168—Royal Dry Cells .....	<b>.25</b>
169—Royal 4½ C battery .....	<b>.25</b>
170—Banner 4½ C battery .....	<b>.25</b>

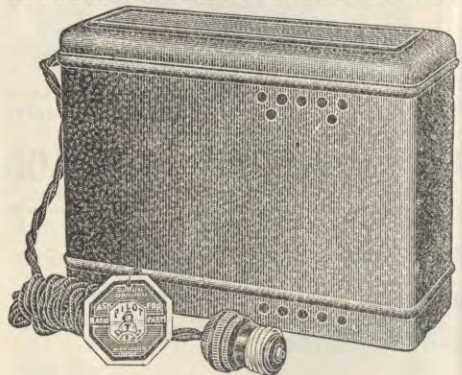
# RADIO SET ACCESSORIES

## A. B. C. POWER PACKS



The A. B. C. Pack as shown in the illustration can be used to electrify battery operated sets if changes are made in the wiring, it can also be used as a complete A. B. C. Pack when building all electric sets.

172—Accurate ABC Power Pack Complete ..... **\$16.48**



The power pack shown above, can be had in two different types, catalogue No. 173 is suitable for two 171A tubes, and for five 226's or 227's. "B" voltage under load 180, 135, 90 and 45.

173—Pilot Power pack, Spec. K111 for 171A tubes ..... **\$16.50**

The K112 power pack is similar to catalogue No. 173, except that it is suitable for 245 tubes, as well as tubes of the 227 and 224 variety. Both of these packs use 280 rectifier tubes.

174—Pilot power pack, Spec. K112 for 245 tubes ..... **\$19.50**

### Accurate "B" Eliminator

The "B" eliminator shown above will give constant and uniform power, when used with any type of set. It will deliver 220 volts at 40 mils. Voltage divider has fixed taps which give uniform voltage.

175—Accurate "B" eliminator, Spec. No. 3025.... **\$14.00**

# RADIO SET ACCESSORIES

## RADIO SPEAKERS

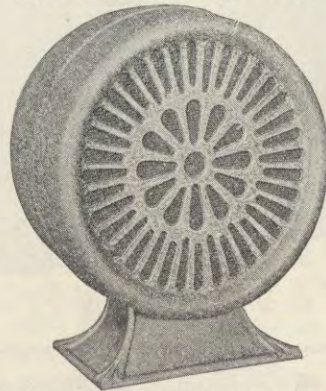
### Utah Dynamic



The illustration above shows the cabinet used with the Utah dynamic unit, specification A33. The price includes both unit and cabinet. Very good value for standard merchandise, such as this.

**Cat. No.** 194—Utah dynamic speaker complete with cabinet.  
**Price** Specification No. A33 **\$22.50**

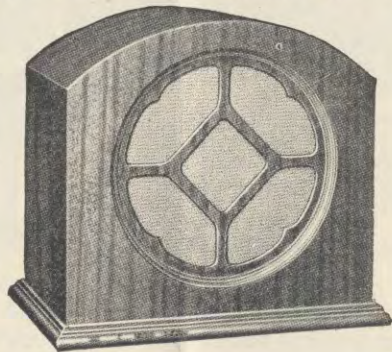
### Utah Metal Speaker



This speaker uses the same magnetic cone as shown on the next page. It is mounted in a very attractive metal case which will match sets enclosed in metal cabinets.

**195—Utah magnetic unit, metal cabinet..... \$10.00**

### Utah Magnetic Speaker in Cabinet



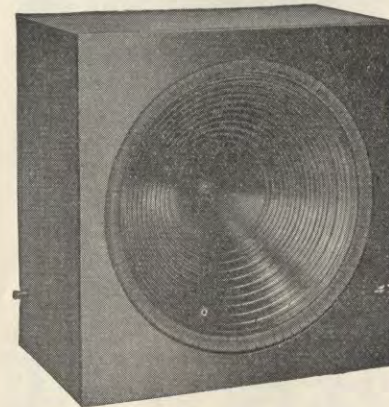
The illustration shows the cabinet used with the Utah XM Cone. This cabinet has a very high finish, and is an attractive piece of furniture.

**Cat. No.** 196—Utah magnetic unit in walnut finished cabinet ..... **Price \$10.00**

# RADIO SET ACCESSORIES

## RADIO SPEAKERS

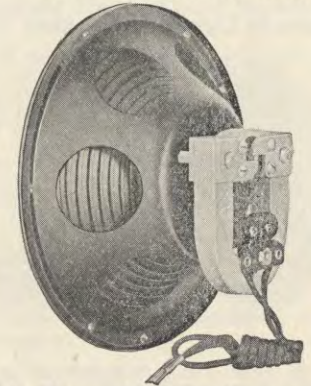
### Cone Speaker



The damped edge speaker shown above comes complete with baffle box and can be used either inside or outside of cabinet. This speaker is made especially for the S. S. Kresge Company by a large manufacturer.

**Cat. No.** 200—Small type cone speaker ..... **Price \$6.00**

### Utah Magnetic Chassie



Units shown above can be mounted in any type of console cabinet made for a small cone. If the opening in the front of the cabinet is too large, the unit should first be mounted on a baffle board.

**201—Utah unmounted cone chassie ..... \$4.98**

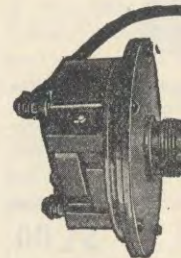
### Loud Speaker Units



These units can be used with any type air column speaker.

**Cat. No.** 209—Big Chief Unit **Price \$2.50**  
 210—Utah Unit.....**3.25**

### Baldwin Speaker Unit



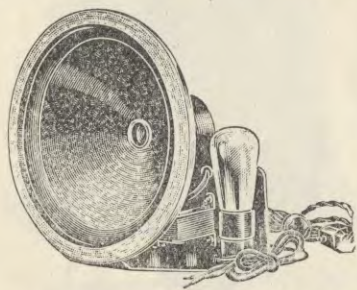
Baldwin speaker units have been popular with the radio listening public for a number of years. This type of unit can be used with any type of air column speaker or in connection with a phonograph horn.

**Cat. No.** 215—Baldwin rival unit without back ..... **Price \$3.25**

# RADIO SET ACCESSORIES

## Dynamic Speaker Units

### The New Accurate Dynamic Speaker Unit



The Accurate dynamic speaker is sold in two different models. Cat. No. 216 can be connected direct to 110 volt A. C. line, and uses a 280 rectifier tube in the filter circuit. This tube is only operated at about sixty per cent of its rated output, and naturally will have a long life. Anyone can easily replace one of these tubes when it becomes necessary. The price quoted, does not include the tube. The overall dimensions are 10 1/4" wide, 10 3/8" high, and 7" deep. The baffle board should have a nine inch opening with its center 5 3/8" above the base.

The D. C. unit Cat. No. 216B, can be used direct from 110 volt D. C. line, or used in connection with a power pack, as one of the choke coils, or connected across the voltage divider. D. C. Field Resistance 2100 to 2250 ohms.

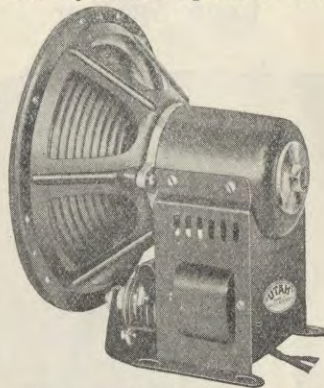
Cat. No.	Price
216—Accurate 110 volt 60 cycle, A. C. (less tube)....	\$13.50
216—Accurate 90 volt D. C. ....	13.50

### Gem Crystal Sets

This is an excellent crystal set, and can be used with any nearby radio stations.

Cat. No.	Price
217—Pal Crystal set .....	89c

### Utah Dynamic Speaker Unit



This is the well known Utah dynamic speaker. It uses a dry rectifying unit and can be connected direct to 110 volt, 60 cycle A. C. line. Only a large syndicate, such as Kresge, could sell this standard merchandise for the price listed.

Cat. No.	Price
218—Utah Dynamic Speaker Unit .....	\$15.00

### BMS Crystal Set



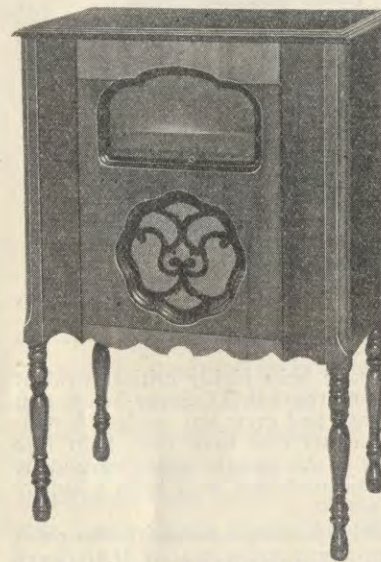
Very neat in appearance, and selective on all local stations. Tuning is done by the slider arms on the side of the coil. Anyone can afford to have one of these sets by his bedside.

Cat. No.	Price
219—BMS Crystal set .....	\$1.00

# RADIO SET ACCESSORIES

## CABINETS & CONSOLES

### Cabinet for Set and Speaker



This cabinet is made of selected gum wood, highly finished in dark walnut which will match the furniture of the average home. The console is 38 in. high, 24 1/2 in. wide, and 15 1/2 in. deep. The set compartment is arranged to fit ninety per cent of the sets on the market.

Any of the speaker chassis listed in this catalogue, can be mounted in this cabinet without the use of a baffle board. The speaker compartment also has room for eliminator, batteries, or power pack.

Equal in value to most cabinets selling for twice of the price asked for them in the Kresge stores.

Cat. No.	Price
221—Console type radio cabinet .....	\$14.50

### Radio Table With Speaker Compartment



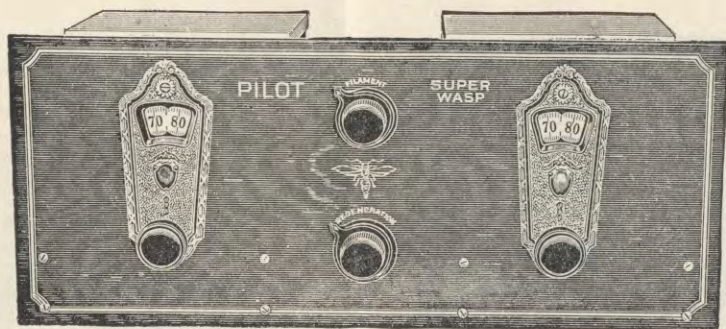
This radio table is also made of selected gum wood and has dark walnut finish. It is sold knocked down, and can be assembled by anyone in two minutes time. Very sturdy in construction for a table of this type. Has speaker and battery compartment, so can be used with either a battery or electric table model set.

The size is 27 1/2 in. high, 24 1/2 in. wide, and 15 1/2 in. deep.

Cat. No.	Price
222—Table for radio set .....	\$7.50

# RADIO SET ACCESSORIES

## The Pilot "SUPER-WASP" Kit

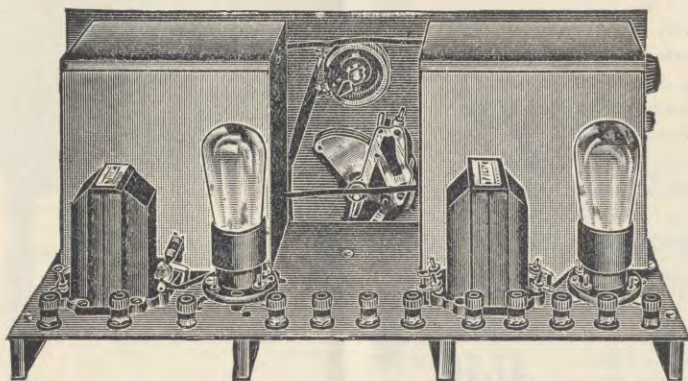


### MODERN FEATURES IN SUPER-WASP

Most short-wave sets put out in kit form have been highly critical straight regenerative affairs. It was not until the advent of the PILOT Super-Wash that short-wave receivers graduated from the 1921 stage and grew into modern instruments possessing some of the numerous refinements that have been built into regular broadcast sets. The best and easiest way to get into the short-wave game and to enjoy the unequalled thrills of transoceanic reception is to build a Super-Wasp, because then you are assured of getting results.

Designed by Robert S. Kruse, one of the world's foremost authorities on short waves, the Super-Wasp embodies the most advanced principles of short-wave design, yet is easy to build and costs very little. Thousands of satisfied owners attest to the fact that this is the best short-wave set on the market.

Cat. No. **225**—Pilot Super Wash Kit Complete ..... **\$29.50**



Rear view of set

# RADIO SET ACCESSORIES

## AERIAL AND GROUND EQUIPMENT



### AERIAL WIRE

Cat. No.	Price
230—No. 15 Plain Copper Aerial Wire 100 ft. roll.....	40c
231—No. 15 Solid Copper Enameled Wire 100 ft. roll.....	50c
232—No. 7 Strand, Stranded Wire 100 ft. roll.....	50c
233—No. 7 Strand, Enameled Wire 100 ft. roll.....	60c
234—50 ft. Indoor Aerial.....	25c
235—Indoor Tape Aerial.....	25c
236—Indoor Spring Aerial (App. 85 ft. in Spring).....	69c
237—No. 14 Rubber Covered Lean-in Wire 50 ft. roll.....	50c
238—85 ft. No. 7 Strand Copper Wire.....	25c



239—Gillett Aerial Connector ..... **10c**

### WINDOW LEAD-IN

Cat. No.	Price
245—Flexible Insulated Lead-In.....	10c
242—Big Joe 5" long.....	5c
244—Glass insulator 4½" long.....	5c
245—Glass insulator 5½" long.....	10c
246—Glass insulator 3½" long.....	5c

### INSULATORS

Cat. No.	Price
240—Small 2½" long ..... 2 for 5c	
241—Med. Joe 4" long ..... 5c	



# RADIO SET ACCESSORIES

## AERIEL AND GROUND EQUIPMENT

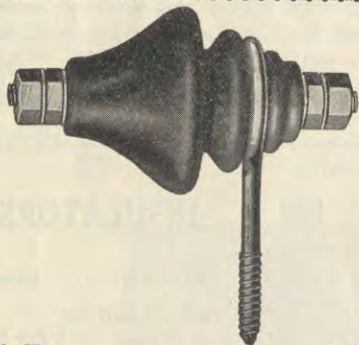


Cat. No.	Price
246—2½" Porcelain Eyelet Stand-Off Bracket.....	5c
247—6" Porcelain Eyelet Stand-Off Bracket.....	5c

### LIGHTNING ARRESTER



Cat. No.	Price
249—Protector Lightning Arrester.....	25c



Cat. No.	Price
250—Stand-Off Type Lightning Arrester .....	25c

### GROUND CLAMPS



Cat. No.	Price
251—Adjustable Band Ground Clamp.....	10c
252—Adjustable Galvanized Ground Clamp 5c	

## BATTERY CABLES

Cat. No.	Price
269—5 Wire Battery Cable.....	25c
270—7 Wire Battery Cable.....	30c
271—9 Wire Battery Cable.....	39c

## PHONE CORDS

Cat. No.	Price
272—Single Phone Cord 5 Ft. Long	15c
273—Double Phone Cord 5 Ft. Long	20c

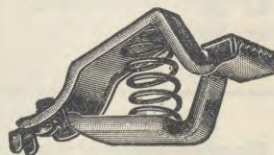
## SOCKET AERIAL



These socket aeri-als may be plugged directly into the 110 volt house lighting circuit and can be used instead of an outside aerial. Under certain conditions they give satisfactory results on nearby stations.

Cat No.	Price
253—Socket Aerial	25c

## BATTERY CLIPS



Cat. No.	Price
254—No. 24-A Universal Battery Clip.....	10c
255—Large Size Clips .....	15c

# RADIO SET ACCESSORIES

## MISCELLANEOUS ACCESSORIES

### YANKEE METERS



Cat. No.	Price
261—0-50 Ammeter 0-50 Voltmeter..	60c
262—0-50 Voltmeter.....	50c



### INTERFERENCE LINE FILTER

These units can be used between the radio set and the house circuit to filter out electrical vibrations which are causing interference with radio reception. They can also be used for filtering motors or other sources of interference, they are constructed so they will stand continuous service on a 110 volt line.

Cat. No.	Price
263—Interference eliminator, Junior .....	\$2.25
264—Interference, eliminator, Senior .....	4.25

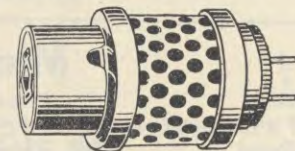
### PLUG IN METERS



These meters are very sturdily built, and come complete with bakelite case, cord and plug. The tubes in the set can be removed, and this meter inserted in the socket giving actual "B" and filament voltages.

Cat. No.	Price
264—Yankee plugin meter, 0 to 300 volts D. C.....	\$2.00
265—Yankee plug-in meter, 0 to 8 volts A. C.....	1.75
266—Yankee line tester 0 to 150 volts A. C.....	2.00
267—5 prong adaptor for either the first two meters.....	.39

### LINE RESISTANCE



These line resistors are made by the Ward-Leonard Company, and are very sturdily built. They have sufficient capacity to drop the voltage on any set, which takes under 125 watts.

Cat. No.	Price
268—Ward-Leonard Line Resistors	\$1.50



# RADIO SET ACCESSORIES

## PHONES AND EQUIPMENT

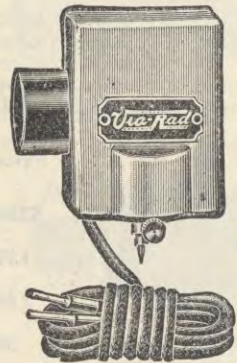


### PHONES

Frost Head sets are made for the S. S. Kresge Company by one of the larger manufacturers of phones and loud speakers.

Cat. No.	Price
276—Frost Head Set Set 2000 O H M.....	\$1.50

### Phonograph Pick-Up



The Phonograph electric pickup handled by the Kresge Stores was selected after testing out a number of those on the market, and it is found to be equal or superior to any other make tested, regardless of price.

Cat. No.	Price
278—Electric Phonograph Pick-Up with Volume Control.....	\$4.98

### B. M. S. Phone Plugs

The B. M. S. phone plugs is molded of Bakelite and has a special locking device for loud speaker cord.

Cat. No.	Price
277—B. M. S. Phone Plug .....	25c

### Loud Speaker Extensions

Cat. No.	Price
280—18" Extension Cord .....	25c
281—30" Silk Extension Cord .....	39c
282—50" Silk Extension Cord .....	55c

### Loud Speaker Extension Connectors



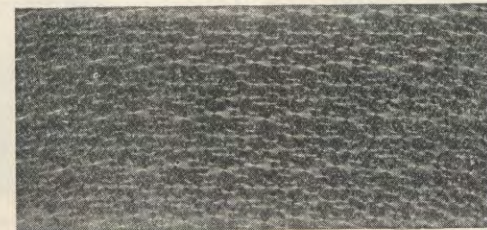
Cat. No.	Price
283—B. M. S. Cord Connector .....	25c
285—A. B. Bakelite Con- nector .....	10c

## Micarta Panels

Cat. No.	Price	Cat. No.	Price
287—7 x 12 x 1/8 Micarta Panel .....	\$ .75	291—7 x 12 x 3/16 Micarta Panels Walnut Finish.....	1.20
288—7 x 18 x 1/8 Micarta Panel .....	1.13	292—7 x 18 x 3/16 Micarta Panels Walnut Finish .....	1.80
289—7 x 21 x 1/8 Micarta Panel .....	1.31	293—7 x 21 x 3/16 Micarta Panels Walnut Finish .....	2.10
290—7 x 24 x 1/8 Micarta Panel .....	1.50	294—7 x 24 x 3/16 Micarta Panels Walnut Finish .....	2.40

# RADIO PARTS

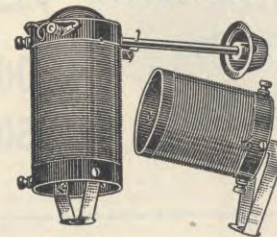
## RUBBER PANELS



One side plain, one side with Florantine finish.  
Also plain both sides.

Cat. No.	Price
301—7 x 12 x 3/16 Rubber Panel .....	\$ .60
302—7 x 18 x 3/16 Rubber Panel .....	.90
303—7 x 21 x 3/16 Rubber Panel .....	1.05
304—7 x 24 x 3/16 Rubber Panel .....	1.20
305—7 x 26 x 3/16 Rubber Panel .....	1.30

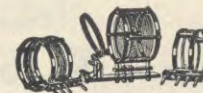
## TUNERS



Special coils suitable for either A. C. or D. C. sets. Four tube sets using this type coil have given wonderful results.

Cat. No.	Price
306—Kit Small Sized Coils .....	3.00

## "NONI" SHORT WAVE KIT



Three inches in diameter, ninety-five per-cent air dielectric and completely interchangeable. The kit includes three coils and base mounting with variable primary, covering 15 to 130 meters when used with a .00014 tuning condenser and a .00025 regeneration condenser.

Cat. No.	Price
307—Noni Short Wave Kit .....	\$4.75

# RADIO PARTS

## RADIO COILS

### Three Circuit Tuners



**Cat. No. Price**  
 311—Tuner on 2 1/2" Tube. \$1.00  
 312—R. F. Coil for above 50c  
 313—Shield Grid Tuner for A. C. or D. C. Shield Grid Tubes \$1.00

310—R. F. Coil for above..... 25c

### R. F. COIL



This R. F. Coil may be mounted under Sub-Panel—complete with mounting bracket.

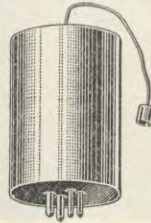
**Cat. No. Price**  
 314—Tube Type R. F. Coil 20c each or for set of 3 .. **50c**

### Plug-In Type R. F. Coil



This coil can be mounted in a regular U. X. Tube socket. Wound on threaded Bakelite tubing suitable for 201-A or 226 Type Tubes.

**Cat. No. Price**  
 315—Plug in Type R. F. Coil Set of Three ..... \$1.50  
 316—Same as above but without prongs. Set of three..... 1.50



### Shielded Grid Kits

**Cat. No. Price**  
 317—Shielded Grid Kits—2 coils **\$3.50**



### R. F. Shielded Coil

318—Extra R. F. Coil for shielded grid set ..... **\$1.75**

### Three Circuit Tuner



**Cat. No. Price**  
 324—180 Deg. one hole MTG Tuner ..... **\$1.00**  
 325—R. F. Coil for above..... **.50**

### SHORT WAVE KIT



**Cat. No. Price**  
 326—Five Bakelite Plug-In Coils for Pilot Wasp Set Set of five..... **\$4.45**

# RADIO SET ACCESSORIES

## PILOT TRANSFORMERS

### SMALL A. F. TRANSFORMERS



These small audio transformers appeal to the constructor because they can be mounted on the underside of sub-panel. The one piece steel case, is 2 1/2" square and 2 1/4" high. Finished in black lacquer.

**Cat. No. Price**  
 330—Pilot audio frequency transformer 3 1/2—1 ratio. Spec. No. 412..... **\$1.35**

### JUMBO POWER TRANSFORMER



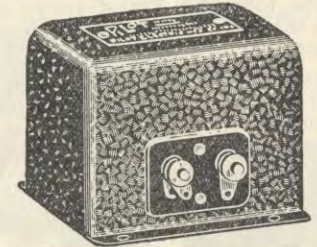
The Jumbo power transformer is designed to fill the power requirements of a set using two 245 tubes, and the usual assortment of 227's and 224's. It has one high voltage plate winding, and three filament windings. The plate secondary gives 300 volts on each side of its center, and will deliver 90 milliamperes with the 280 rectifier tube and filter circuit.

**Cat. No. Price**  
 331—Pilot Jumbo power transformer, Spec. 411..... **\$6.00**

### PILOT POWER TRANSFORMERS FOR 245 TUBES

332—Filament transformer for 245 tubes, Spec. 407..... **\$4.00**

### LARGE A. F. TRANSFORMERS



These instruments are similar to catalogue No. 330, but are larger and heavier in construction, and include a push-pull combination.

**Cat. No. Price**  
 333—Pilot audio frequency 3 1/2—1 ratio. Spec. 422..... **\$2.35**  
 334—Pilot input push-pull transformer, Spec. No. 426..... 2.75  
 335—Pilot output transformer, Spec. No. 427..... 2.75

### CONDENSER BLOCK



This condenser block comprises sections of 1, 1, 3, 3, and 6 MF capacity and also two .1 MF sections, giving a total of 14 microfarad, guaranteed to stand under a nominal operating voltage of 300.

**Cat. No. Price**  
 336—Pilot Jumbo condenser block, Spec. No. 396..... **\$4.98**

# RADIO PARTS

## AUDIO FREQUENCY TRANSFORMERS

The following Transformers are listed in 3 to 1 ratio only. It has been found that this one size will give the best results on either A. C. or D. C. Sets and can be substituted for either 5 to 1 or 2 to 1.

### Dongan Diatonik Transformers



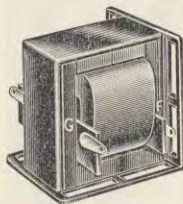
Cat. No.	Price
340—Diatonik Audio 3 to 1, Spec. No. 2128.....	\$2.50
341—Diatonik Output, Spec. No. 2129.....	2.50
342—Diatonik Input Push Pull, Spec. No. 2130.....	2.50
343—Diatonik Output Push Pull, Spec. No. 2131.....	2.50

### Dongan Apollo A. F. Trans- formers



Cat. No.	Price
344—Apollo 3 to 1 Spec. No. 74 Transformer.....	\$1.00

### Dongan Replacement Trans- formers



Cat. No.	Price
345—Supreme Replacement Trans. 3 to 1 Spec. No. 3177.....	\$1.50

### DONGAN SUPREME A. F. TRANSFORMERS

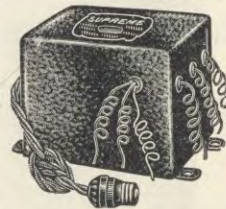


Cat. No.	Price
347—Supreme 3 to 1 Transformer .....	\$1.50

# RADIO PARTS

## Power Transformers and "B" Eliminators

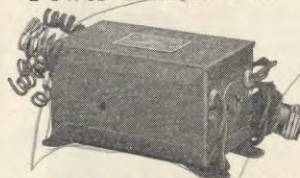
### DONGAN POWER TRANSFORMERS



Cat. No.	Price
350—Dongan ABC Transformer with capacity for 6 or 7 Tube A. C. Set. Spec. No. 7510	\$4.98

(To be used on push-pull power amplifier.)

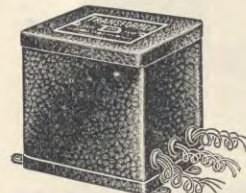
### Power Transformer



Designed for one to four 226's—one 227 and one or two 171A's.

Cat. No.	Price
351—Dongan A. C. Filament Transformer .....	\$3.00

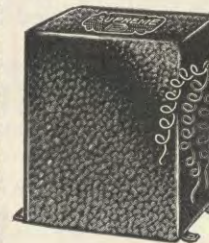
### Out-Put Transformer for 245 Tubes



These output transformers should be used when connecting the speaker to 245 tubes, specification 3112 is to be used with one 145 tube, and specification No. 3111 with two in push-pull tubes. The secondaries of these transformers are arranged for either a dynamic or magnetic speaker.

Cat. No.	Price
352—Dongan output transformer for 1-245 tube, spec. 3112.....	\$4.98
353—Dongan output transformer for 2-245 tubes, spec. 3111.....	4.98

### Dongan Choke



Cat. No.	Price
360—Dongan Double Choke may be used where cur- rent does not exceed 85 Mils. Spec. No. 7512 .....	\$3.50

### Dongan "B" Transformer



Dongan B Transformer for 280 or Gas Rectifier Tube with foot Cord and Plug.

Cat. No.	Price
361—Dongan "B" Transformer.....	\$3.00

### Power Transformer for 245 Tubes

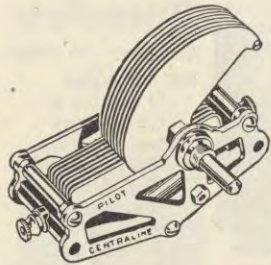


This transformer should be used for either a push-pull power pack, using 245 tubes. Transformer has four secondary windings one for "B" supply, two 2½ volt, one 5 volt, for Fil. of 280 Tube.

Cat. No.	Price
362—Dongan power transformer for 245 tubes, spec. 1951.....	\$4.98

# RADIO SET ACCESSORIES

## VARIABLE CONDENSERS



### Modified S. L. F. (Centraline) Condensers

Many constructors prefer these Pilots to the straight line frequency type, due to the fact that they take up less space and do not crowd the stations in the middle of the dial, where most of the tuning is done.

Cat. No.	Price
417—11 Plate Condenser, capacity .00016	\$1.00
418—17 Plate Condenser, capacity .000375	1.00
419—23 Plate Condenser, capacity .0005	1.00

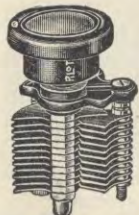
## PILOT SHIELDED VARIABLE CONDENSERS



The shielded variable condenser introduces an entirely new design in apparatus of this type. Multitube R. F. sets using A. C. tubes of the 226, 227 and 224 types require that the condensers and R. F. stages be shielded. One of the main problems which confronted the amateur constructor was the method of shielding his variable condensers. This problem has been solved with this new Pilot line. The condensers are very sturdily built, are dust-proof and can be adapted for use in any type of radio set. These condensers can be had in four different sizes, single, doubles, triples and quadruples. Each unit has 17 plates and a capacity of .000375 MFDS.

Cat. No.	Price
420—Single gang, shielded variable condenser, Spec. 3021	1.50
421—Two gang, shielded variable condenser, Spec. 3042	3.00
422—Three gang, shielded variable condenser, Spec. 3063	4.50
423—Four gang, shielded variable condenser, Spec. 3084	6.00

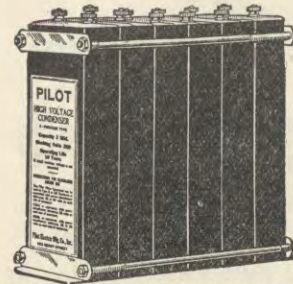
### Pilot Balancing Condenser



Cat. No.	Price
430—J-5 5 Plate, .00005 mfd.	50c
431—J-7 7 Plate, .00025 mfd.	50c
432—J-13 13 Plate, .00005 mfd.	50c
433—J-23 23 Plate, .0001 mfd.	60c

# RADIO PARTS

## FILTER CONDENSERS



### Pilot "B" Eliminator Condensers

Cat. No.	Price
434—1 mfd. condenser, 180 D. C. working voltage	39c
435—2 mfd. condenser 300 D. C. working voltage	75c
436—1 mfd. condenser 500 D. C. working volts	75c
438—Condenser block clamps, set	39c

### Dependable Filter Condensers

Dependable Filter Condensers are guaranteed to stand up under load at their rated voltages.

Cat. No.	Price
440—1 mfd. 2 paper 200 D. C. working volts	39c
441—2 mfd. 2 paper 200 D. C. working volts	75c
442—1 mfd. 3 paper 400 D. C. working volts	75c
443—2 mfd. 3 paper 400 D. C. working volts	\$1.39
444—1 mfd. 4 paper 600 D. C. working volts	1.00

### REPLACEMENT FILTER CONDENSERS

These condensers can be used for rebuilding condenser blocks for all types of electric sets.

Cat. No.	Price
445—1 mfd. 2 paper 200 D. C. working volts	39c
446—1 mfd. 3 paper 400 D. C. working volts	60c
447—1 mfd. 4 paper 600 D. C. working volts	\$1.00

Above condensers have pig-tail leads and are unmounted.



### POLYMET SMALL BAKELITE CONDENSERS

These can be had in four sizes, .0001, .00025, .0005, and .001.

Cat. No.	Price
459—Poly-met small bakelite condenser, all sizes up to and inc. .001	10c
460—Polymet small bakelite condenser .002	15c



### BY-PASS CONDENSERS



Cat. No.	Price
448—1/10 mfd. 200 volts	25c
449—1/4 mfd. 800 volts	25c
450—1/2 mfd. 800 volts	25c
451—1 mfd. 800 volts	39c
461—Polymet large bakelite condenser .00025 with clips	25c
462—Polymet large bakelite condenser .006	25c

### JUNIOR PAPER CONDENSERS

These condensers are very small in size having dimensions of 1"x1 1/4"x1/4", they can be placed in many positions where a larger condenser would not go. They all have a D. C. working voltage of 400.

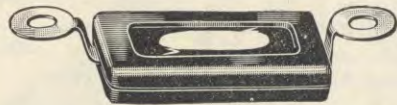
Cat. No.	Price
452—.01 microfarad	25c
453—.02 microfarad	25c
454—.03 microfarad	25c
455—.04 microfarad	25c
456—.05 microfarad	25c



# RADIO PARTS

## FIXED CONDENSERS

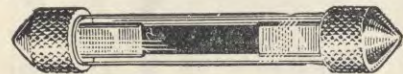
### Tinymold Condenser



Accurate Tinymold condensers are very popular because of their small size, they are completely encased in a bakelite 1 1/4" long by 5/8" wide. They can be had in the following sizes .0001, .00025, .0005, .001 and .002.

<b>Cat. No.</b>	<b>Price</b>
463—Accurate Tinymold condensers, all sizes.....	<b>10c</b>

### GRID LEAKS

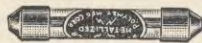


#### Accurate Grid Leaks

These units can be had in all sizes from 5 to 1/10 Megohm.

<b>Cat. No.</b>	<b>Price</b>
467—Accurate Metalized Grid Leak Resistance, all sizes.....	<b>10c</b>

### Polymet Metalized Grid Leaks



These grid leaks can be had in the following sizes, 1/10, 1/4, 1/2, 1, 2, 3 and 5 megohms.

<b>Cat. No.</b>	<b>Price</b>
468—Polymet, metalized grid leaks, all sizes.....	<b>10c</b>

### Metal End Fixed Condensers



Metal end fixed condensers can be had in the following sizes: .00025, .0005, .0001, .001, and .002.

<b>Cat. No.</b>	<b>Price</b>
464—Metal end fixed condensers, all sizes up to and including .002.....	<b>20c</b>
465—Metal end fixed condenser .006.....	<b>25c</b>
466—Metal end fixed condenser .01.....	<b>39c</b>

### Fixed Rheostats

Fixed Rheostat can be had in three different sizes for taking either 199 or 201-A type tubes.

<b>Cat. No.</b>	<b>Price</b>
469—Fixed Rheostat for 199 tube and 4 volt "A" battery.....	<b>25c</b>
470—Fixed Rheostat for 201A tube and 6 volt storage battery.....	<b>25c</b>
471—Fixed Rheostat for 2 201A and 6 volt "A" battery.....	<b>25c</b>
472—Fixed Rheostat for 1 222 tube and 6 volt "A" battery.....	<b>25c</b>

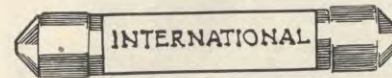
### Pilot Fixed Resistance

<b>Cat. No.</b>	<b>Price</b>
473—Pilot "B" eliminator resistance, complete with binding post strip, tapped 4000, 3650, 2250, 2800 ohms.....	<b>\$1.00</b>

# RADIO PARTS

## FIXED RESISTANCES

### International Metallized Resistors



These International resistances are made especially for the S. S. Kresge Company, by the International Resistance Company of Philadelphia, Pa. The resistance without leads has a rated capacity of one watt, and may be used for resistance coupling as grid leaks or for light voltage divider work. They can be had in the following megohm sizes, .25- .5- 1.0- 2.0- 3.0- and 5.0-megohms.

<b>Cat. No.</b>	<b>Price</b>
475—International resistance without leads, all sizes.....	<b>15c</b>

### International Resistances



The resistances shown above can be used as a replacement unit for most any type of commercial set. The range of capacity is carried in the Kresge stores and will cover most replacement requirements. It also makes a good resistance unit for "C" biasing and voltage divided work in custom built sets and power packs. It has a rating of 2 watts and can be had in the following sizes, 750- 1000- 1500- 5000- 10,000- 25,000- 50,000- and 100,000 ohms.

<b>Cat. No.</b>	<b>Price</b>
476—International resistance with leads any size.....	<b>15c</b>



### Pilot Center Tap Resistance

The pilot center tap resistance, are very handy little devices, than can be used for radio receiving operating on alternating current, being only one and one half inches long, they can be connected directly across the tube sockets. The whole unit is molded in bakelite which seals it permanently. They can be had in the following sizes, 10- 20- 50- and 75 ohms.

<b>Cat. No.</b>	<b>Price</b>
479—Pilot center tap resistances, all sizes.....	<b>15c</b>

### Grid Resistances



Grid Resistances can be used for controlling oscillation of Radio Frequency Tubes. Should be mounted in series with the wire connected to the grid post at the R. F. Socket.

<b>Cat. No.</b>	<b>Price</b>
480—Grid Resistance, 100 to 1000 ohms.....	<b>25c</b>



### Pilot Bakelite Knobs

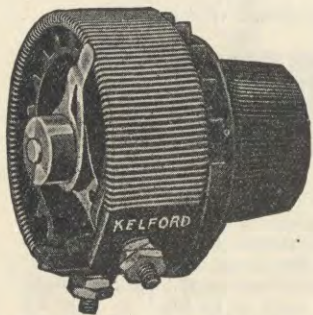


All pilot knobs are molded of genuine bakelite and are fitted with brass inserts, which fit over one quarter inch shaft. Both the large and small knobs, can be had in either black or walnut finish.

<b>Cat. No.</b>	<b>Price</b>
481—Small bakelite knob, walnut or black finish.....	<b>10c</b>
482—Large bakelite knob, walnut or black finish.....	<b>10c</b>

# RADIO PARTS

## RHEOSTATS AND RESISTANCES



### KELFORD RHEOSTATS

Kelford Rheostats are mounted on a special moulding which allows room for ventilation so that they will stay cool at all times. These Rheostats can be had in the following sizes:

6, 10, 20, and 30 ohm.

**Cat. No.** **Price**  
 490—Kelford Bakelite Rheostats with knob (all sizes)..... **35c**

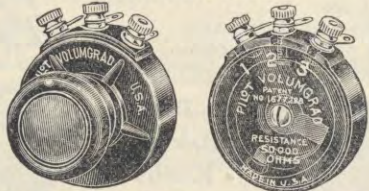
### ROYALTY RESISTANCES



This high resistance is recommended for use as a volume control, or for controlling the plate potential of Radio Frequency Tubes. Can be had in four sizes, 0 to 5,000 ohms, 0 to 2,500 ohms, 0 to 200,000 ohms, and 0 to 500,000 ohms.

**Cat. No.** **Price**  
 491—Royalty Variable High Resistance (All sizes) ..... **\$1.00**  
 492—Type U. Constant Imp. Volume Control ..... **1.25**

### VOLUMGRAD

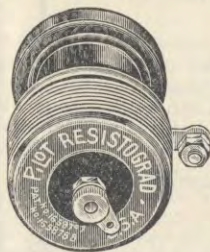


#### Front and back views of Volumgrad

The Volumgrad is a smooth action variable resistor designed especially for volume and oscillation control purposes. It is made in the four resistance ranges listed below, the four models being exactly alike in size and appearance. The volume can be adjusted from zero to maximum with one turn of the knob. May be had in the following sizes: 0 to 50,000; 0 to 100,000; 0 to 200,000; 0 to 500,000 ohms.

494—Pilot Volumgrad all sizes..... **75c**

### PILOT RESISTOGRAD

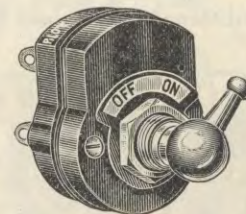
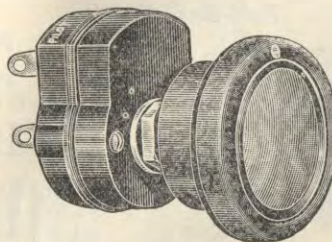


Pilot Variable High Resistances use the compressed carbon method of variation and are very gradual in operation. Can be varied from 0 to 500,000 ohms.

**Cat. No.** **Price**  
 493—Pilot Variable High Resistance ..... **50c**

# RADIO PARTS

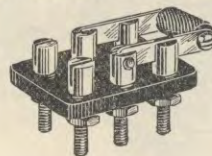
## PILOT A. C. FILAMENT SWITCH



The Pilot A. C. filament switch can be had in two different types, Catalogue number 496 is supplied with a round bakelite off and on knob, and mounts through a single hole. Catalogue number 497 is exactly the same, except that a lever is furnished instead of a knob. Either one of these switches will handle three amperes at a 120 volts.

**Cat. No.** **Price**  
 496—Pilot A. C. filament switch with knob..... **35c**  
 497—Pilot A. C. filament switch with lever..... **30c**

### SMALL KNIFE SWITCHES



These small knife switches can be had in three different types, single pole single throw; single throw double pole; and double pole double throw. They are mounted on a small bakelite base and may be used for either panel or base mounting. You will find many uses for a switch of this type.

**Cat. No.** **Price**  
 500—S. P. S. T. Knife Switch..... **10c**  
 501—S. P. D. T. Knife Switch..... **10c**  
 502—D. P. D. T. Knife Switch..... **25c**

### MAGNET WIRE

#### Green Silk Over Cotton Magnet Wire

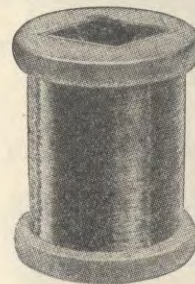
**Cat. No.** **Price**  
 503—Spool No. 18 43' long..... **25c**  
 504—Spool No. 20 51' long..... **25c**  
 505—Spool No. 22 79' long..... **25c**  
 506—Spool No. 24 99' long..... **25c**  
 507—Spool No. 26 138' long..... **25c**  
 508—Spool No. 28 172' long..... **25c**

#### ENAMELED

509—Spool No. 22 210' long..... **25c**  
 510—Spool No. 24 307' long..... **25c**

#### DOUBLE COTTON COVERED

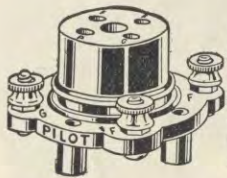
511—Spool No. 18 63' long..... **25c**  
 512—Spool No. 20 85' long..... **25c**  
 513—Spool No. 24 171' long..... **25c**



# RADIO PARTS

## SOCKETS

### Pilot Universal Cushioned Socket

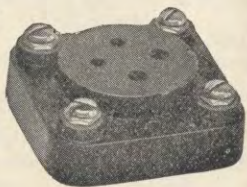


This socket is molded of genuine Bakelite and is arranged so that it can either be used as a cushion socket or as a sub-base socket by demounting the base.

Cat. No.	Price
515—Pilot Universal Socket .....	<b>25c</b>

### Socket for U.X. Base Tubes

These sockets are equipped with moulded metal inserts thus assuring positive contact.



Cat. No.	Price
516—Socket for U.X. Base Tubes .....	<b>25c</b>

## JACKS

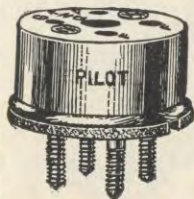
### Phone Tip Jack

This Phone Tip Jack takes up very little space and is positive in contact, just the right size to fit the tips on phones and loud speakers.

Cat. No.	Price
524—Kelford Phone Tip Jack per pair	<b>10c</b>

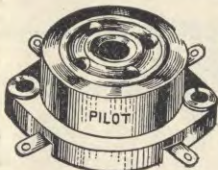


### Sub-Base Sockets



Cat. No.	Price
517—Sub-Base Socket 4-hole	<b>10c</b>
518—Sub-Base Socket 5-hole	<b>15c</b>

### Pilot Universal Socket



Cat. No.	Price
519—Pilot Universal Socket 4-hole .....	<b>15c</b>

520—Pilot 5-Hole Socket.....	<b>15c</b>
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### Kelford Socket



Cat. No.	Price
521—Compact Socket 4-hole ....	<b>15c</b>
522—Compact Socket 5-hole .....	<b>15c</b>

523—Kelford Cushion Socket any color.....	<b>25c</b>
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## PHONE TIP

None-Solder Phone Tip.  
Easy to attach to wire or tinsil cord.

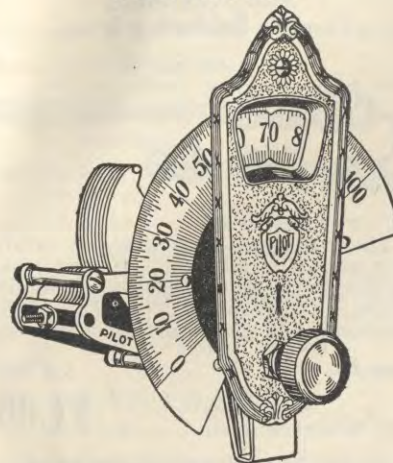


525—Phone Tip Each .....	<b>5c</b>
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# RADIO PARTS

## DIALS

### Pilot-Lite Dial



Can be used with 1, 2 or 3 condensers  
ONE OF THE BEST VALUES EVER  
OFFERED.

Cat. No.	Price
527—Pilot-Lite Dial .....	<b>\$1.00</b>

### Pilot Art Dial



The Pilot Art Dial is furnished in black or walnut satin finish and adds to the appearance of the panel of any radio set. The dial is arranged to work with a condenser which turns either clockwise or counter-clockwise. This dial is furnished complete with mounting screw.

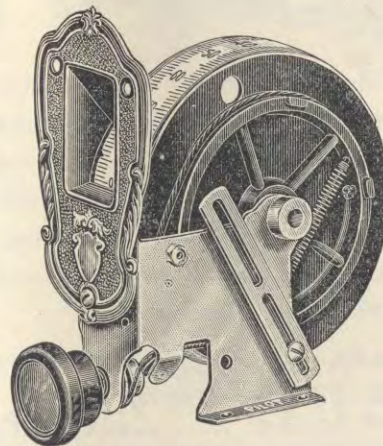
Cat. No.	Price
528—Pilot Art Dial.....	<b>50c</b>

## PILOT DRUM DIALS

In these dials, the solid molded bakelite drum carrying the condensers is driven by a specially treated cord which is wound around the drum and connects with a small pulley on the shaft turned by the control knob. The cord is kept taut at all times by a strong spring. (Visible in the illustration on the left), which also automatically compensates for any wear in the mechanism. The dial turns easily and smoothly, yet there is absolutely no backlash, even with the largest and heaviest 'Bath-tub' condensers. A multiple unit consisting of eight .00035 mf. condensers is easily handled by these dials. These dials can be had in two different type eschion plates, only one of which is illustrated.

The dials are illuminated with a small flash light bulb, set in a clamp which is insulated from the frame of the dial. The scale is of white material with clear black letters, and is removable.

Cat. No.	Price
529—Pilot single drum dial with knob control, either type plate .....	<b>\$1.50</b>
530—Pilot double drum dial knob control .....	<b>2.50</b>



# RADIO PARTS

## MISCELLANEOUS EQUIPMENT

### PILOT LIGHTS

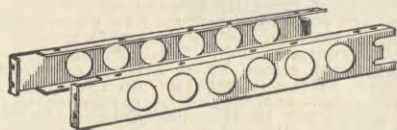
Cat. No.	Price
474—Red Ind. Lamp .....	25c

### MOULDED TUBING

Can be had in the following diameters: 1 1/4 in., 2 in., 2 1/2 in., 2 3/4 in., 3 in., and 3 1/2 in.

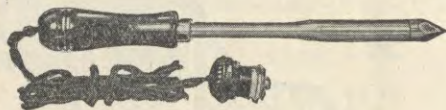
Cat. No.	Price
535—Any size tubing 2 1/2 in. long .....	15c
536—Any size tubing 3 1/2 in. long .....	20c
537—Any size tubing 4 1/2 in. long .....	25c

### Metal Sub-Base Brackets



Cat. No.	Price
538—2"x11" Aluminum Sub-Base Brackets..	25c ea.
539—4"x9" Aluminum Sub-Base Brackets..	15c ea.
540—2"x7" Aluminum Sub-Base Brackets...	10c ea.
541—1"x8 1/2" Aluminum Sub-Base Brackets ...	10c ea.

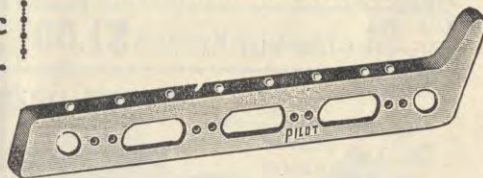
### Electric Soldering Irons



These Electric Irons will give excellent service in all light soldering jobs, similar to those encountered in Radio work. These irons are thoroughly guaranteed to give satisfactory results.

Cat. No.	Price
542—Electric Soldering Iron .....	\$1.00

### Pilot Sub-Base Brackets



The Pilot metal bracket shown above is strong and rigid and drilled with numerous holes for mounting the sub-panel and small parts. It is nine inches long, stands one and quarter high, and is three-eighths inches wide.

Cat. No.	Price
550—Pilot sub-base bracket .....	25c ea.

# RADIO PARTS

## MISCELLANEOUS PARTS

### Bolts and Nuts

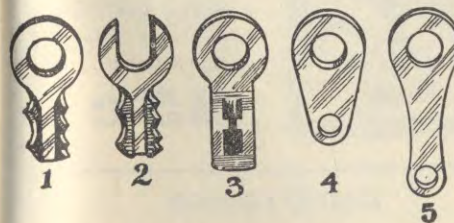
Cat. No.	Price
560—6-32 Flat Head Mach. Screws, Asstd. Sizes, 85 to box..	25c
561—6-32x1/4" Nuts, 20 in envelope.....	5c
562—5-16 Washers, 20 Asstd. in Envelope.....	5c

### Wood Screws

These are iron wood screws with heavy nickel plating. They are put up one assortment with proper sizes for radio sets. They vary in size from 1/2" to 3/4". 85 Screws in tin box.

Cat. No.	Price
563—Oval, Flat, and Round Head Wood Screw Assortment, all sizes.....	25c box

### Soldering Lugs



Soldering lugs come in assortments with 24 lugs in a paper envelope.

Cat. No.	Price
564—Package No. 1 Terminals.....	5c
565—Package of closed end Terminals, assorted .....	5c
566—Package of flat end Terminals, assorted .....	5c

### Solderall



Cat. No.	Price
567—1 Tube of Solderall Compound.....	25c

### Rosin Core Solder

Cat. No.	Price
568—5' Coil of Rosin Core Solder.....	10c
569—Genuine Kester Rosin Core Solder, packed in tix box.....	25c

### Spaghetti Tubing

Spaghetti tubing can be had in four colors—red, black, green and yellow.

Cat. No.	Price
570—Spaghetti Tubing, any color, 21" length.....	5c

### Hook-Up Wire

Cat. No.	Price
571—2 Ft. Lengths Round Tinned Buss Wire.....	3 lengths for 5c
572—2 Ft. Lengths No. 14 Square Tinned Buss Wire.....	3 lengths for 5c
573—5 Ft. Lengths Flexible Hook-up Wire.....	5' for 10c
574—Rubber Coered Hook-up Wire per coil.....	10c
575—Single R. C. Hook-up Wire 10 Ft. Coil.....	10c

### Binding Posts



Cat. No.	Price
576—Marked Head Composition Binding Posts, any markings.....	2 for 5c
577—Genuine Eby Marked Head Binding Posts, any markings.....	10c each

The above binding posts come with the following markings: Ant., Gnd., A-|-, A-, B-, B Det., B-| Amp., C-|-, C- and Plain Top.

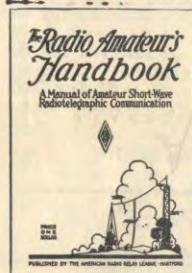




## DUSTON'S A. C. RADIO MANUAL

FOR SET OWNER, SERVICE MEN  
OR SET BUILDER

This is the latest book by Merle Duston, and contains authoritative information on the proper care and operation of radio sets, as well as giving much material which can be of valuable assistance to the radio SERVICE MAN. Many commercial hook-ups are shown and information is given regarding interference elimination, replacement of condensers in power packs, and the proper construction of 245 speech and power amplifiers. One of the biggest radio book values ever sold in Kresge stores..... **25c**



### Radio Amateur's Hand Book

This book is published by the American Radio Relay League, and contains valuable information for both set owner, and amateur station operators.

**\$1.00**

### RADIO NEWS



Radio news is one of the oldest and best known of the radio magazines. It is issued monthly, and contains many interesting articles.

**25c**



The blue radiolog book is published at regular intervals, and is kept up to date. It contains a list of stations, both alphabetically and by cities. Has place for dial settings..... **10c**

### RADIO DESIGN



Radio design is a small radio magazine published three or four times a year. Its contributing editors include some of the best known radio men in the country..... **15c**