

EVERYTHING IN RADIO  
**1937**

RADIO PARTS  
PUBLIC ADDRESS  
TECHNICAL BOOKS  
SERVICE INSTRUMENTS  
WORLD-WIDE SETS - AUTO SETS  
TESTING EQUIPMENT - BATTERIES  
SERVICEMENS SUPPLIES - HARDWARE  
LABORATORY EQUIPMENT - ACCESSORIES  
REPLACEMENT PARTS - TOOLS - TUBES

# RADOLEK

## RADIO



**RADOLEK CO.**  
601 W. RANDOLPH ST. CHICAGO

# RADOLEK

## Radio

More  
for  
Your  
Money



### New!

#### Four Tube AC-DC Dual Wave

In a Superb Walnut Cabinet

Beautiful Walnut Cabinet. Sturdily constructed. Front panel has handsome grain. Airplane Dial. Cabinet Size: 10 3/8" Wide, 5 1/2" High, 4 1/2" Deep.

K16700—4 Tube A.C.-D.C. Compact Receiver  
Complete with tubes. List Price, \$21.50.

For 105-120 Volt AC or DC Current

YOUR LOW PRICE, EACH .....  
In Lots of 3, Each, \$8.70

**\$8<sup>95</sup>**

#### An Honestly Built Quality Radio

The finest 4 tube AC-DC value receiver ever offered. It is small—light—easy to operate—performs perfectly and is housed in a beautiful walnut cabinet. The ideal "Personal" Receiver. Easy to carry anywhere. Gets Police Calls, Amateurs, Airplanes, and regular American and Canadian Broadcasts. Excellent for use as a "second" or "spare" set in the Den, Bedroom, Kitchen, Sun Porch, etc. Has a full mellow tone and will bring in many distant stations with real wallop and without distortion. This Superb Receiver will outperform similar instruments selling at much higher prices.

#### Major Tone Features

Pentode Audio System; Standard Quality Electro-Dynamic Speaker. Full Size. Extremely sensitive. Extra heavy constructed cabinet. Produces tone quality far above the average for receivers of this type.

#### Major Tuning Features

Receives Standard Broadcast, Police Calls, Amateurs and Airplanes. Two Bands: 550 to 1750 Kc., 1750 to 4500 Kc. Illuminated Airplane Tuning Dial; With large, easy-to-read, well-spaced numerals. Tapered Volume Control; Extremely fine selectivity. Easy station tuning.

#### Electrical Features

High Gain T.R.F. Circuit; Exceptional Selectivity and Sensitivity. Built-in Line Filter keeps power line noises out of radio. High Efficiency tubes: Types 6D6; 6C6; 25A7; K80B. 25A7 tube combines function of rectifier and output tube. AC-DC Power Supply; Operates on either 105-120 volt AC or DC current. Rigid Chassis Base mounting for all units. Perfect alignment of all parts. Completely Shielded; Both Circuit and tubes shielded throughout to attain maximum amplification and stability.



### 6 Tube AC-DC Super Dual Wave

K16740—6 Tube Superhet complete with tubes. For operation on 105-120 volts AC or DC current. An exceptional value.

List Price, \$32.50.

YOUR SPECIAL PRICE .....

**\$15<sup>45</sup>**

#### A Super Power Deluxe Radio

A super-powerful A.C.-D.C. 6 tube "World Wide" Superheterodyne. Positively the greatest 6 tube radio "Buy" ever offered. Never before have you been able to secure so much Radio Value for so little money! Incorporates every feature that you will find in receivers selling for double this price. Receives Foreign Stations, American Broadcast, World News, Police Calls, Amateurs, and Airplanes with remarkable clarity and volume. Extremely sensitive . . . extra wide tuning range . . . marvelous lifelike tone. Incorporates the newest developments in Superheterodyne Circuit and newest High Gain Tubes. Look at these superlative features:—Tunes 2 Bands 43 to 550 Meters—Ten Tuned Circuits—High Gain Superhet Circuit—Automatic Volume Control—Illuminated Airplane Dial—5 to 1 Ratio—Zone Tuning—Full 6" Electro-Dynamic Speaker—Dual Purpose Tubes—7 Tube Performance.

#### Major Tuning Features

Tunes 2 Bands: 43 to 550 meters and 170 to 550 meters 5:1" Illuminated Airplane Tuning Dial with "Zone Tuning" for quick reference tuning. Tapered Volume Control. Automatic Volume Control. (A.P.C.) to counteract fading of distant stations and "blasting" of local stations.

#### Superhet Circuit

Balanced Superheterodyne Circuit; 10 Tuned Circuits; Exceptional Sensitivity and Selectivity. Pentode Audio System; Quality 6" Electro-Dynamic Speaker; Clear natural undistorted tone on speech and music. Built-in Filter prevents radiated interference from other nearby sets. 6 Tubes; Types 6A7; 6D6; 75; 43; 25Z5; 40B. Designed to operate on 105-120 Volts AC or DC current. Provides versatile performance with convenient portability.

#### Major Tone Features

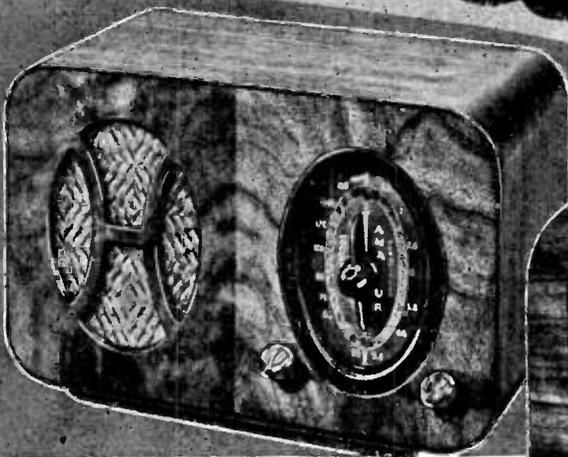
Pentode Audio System; Power Pentode. Clear natural undistorted tone on speech and music. Fine Quality 6 inch Electro-Dynamic Speaker; Sturdily constructed. Correct Baffle; Extra heavy construction of cabinet, and proper mounting of the speaker, produces true quality far above the average. Live Rubber Tuning Condenser Mounting; Full-Flating. Eliminates microphonic "squeals", howls, and other distortion.

#### Walnut Laydown Cabinet

Of modern design and outstanding in workmanship and beauty. Instrument Panel is selected, walnut grain with attractively grained panels on each side finished in a darker shade. Soft brown hand-rubbed lustrous finish overall. Cabinet Size: 9" H, 15 1/2" W, 7" D. Sturdily constructed.

# SUPER! Value!

**Bigger Profits for you!**



## 5 Tube AC-DC Superhet

This superb Receiver is of finer quality and will give better performance than similar radios offered at anywhere near Radolek's low price.

**K16701**—5 Tube Superhet complete with tubes. For 105-120 volt AC DC current.

List Price, \$27.50.

**YOUR SPECIAL PRICE**

In Lots of 3, Each, **\$13.45**

**\$13<sup>75</sup>**

### An Exceptional Dual Wave Value

This is the finest 5 tube A.C.-D.C. Superhet Value we've offered. We selected this Quality Radio as the most powerful 5 tube A.C.-D.C. Superhet Receiver in this low price class. For those who want something "better" in a small set. Combines the highest type of fine reception with beauty and convenient portability. At this low money-saving price, no other Radio Receiver offers you all these superb features. For AC or DC operation—Tunes 2 Bands 75 to 540 Meters—Gets Police Calls and Amateurs—Illuminated Airplane Dial—High Gain Dual Purpose Tubes—Full 5 Inch Dynamic Speaker—Beautiful Walnut Cabinet.

#### Superhet Circuit

This High Gain Powerful Superheterodyne Receiver has greater Selectivity, Sensitivity, and More Power. Easily cuts through locals. Automatic Volume Control counteracts fading. Tapered Volume Control. Pentode Audio System and full size Dynamic Speaker produces tone quality far above the average for receivers of this type. Built-in Filter. Illuminated Airplane Dial. 5 High Efficiency Tubes: 6A7; 6D6; 76; 25A7; K74B.

#### Compact — Powerful

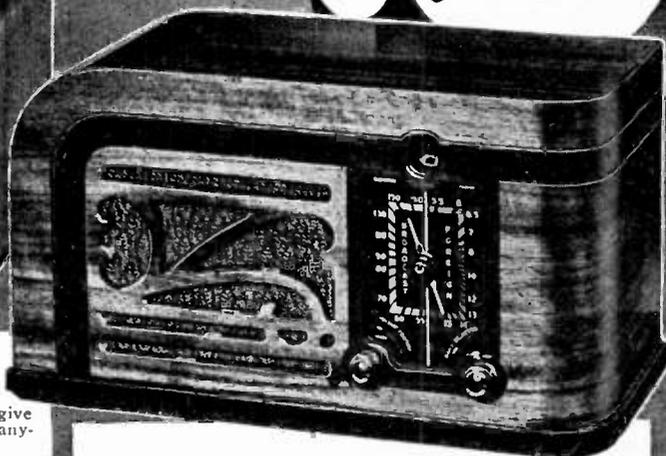
This receiver will play instantly and powerfully wherever 110 volt current is available. For convenient and versatile portability, for outstanding beauty and value this model is beyond competition at this low price. The ideal "second radio" for the office, bedroom, den, kitchen, sunporch, guest or recreation room.

#### Beautiful Cabinet

A new type "Laydown" cabinet of pleasing modern streamline design. Walnut front panel is beautifully grained and gorgeously figured and hand-rubbed to a rich lustrous finish. Attractive, graceful rounded sides of instrument panel and across ends of top. Sides and top are straight-grained American walnut. Constructed for acoustical perfection as well as beauty. Rarely have we been able to offer you such an exceptional value with which to build up your sales. Size: 7½" high, 11½" wide, 5¾" deep. Sturdily constructed.

#### Tunes Two Bands

75 to 540 Meters. Receives all Standard American and Canadian Broadcasts, Amateurs, Police calls, Airplanes and other Short Wave stations. Switch permits instant changing from Standard Broadcast to Short Wave.



## 7 Tube All Wave—"Visual Tuning"

For AC-DC Operation

This 7 Tube Deluxe Model is offered in the beautiful "laydown" cabinet illustrated above. Incorporates all the "plus" features listed below. For 105-120 Volt AC-DC current.

**K16705**—Complete with 7 tubes.

List Price, \$39.50.

**YOUR LOW**

**PRICE**

**\$17<sup>75</sup>**

### Nine Tube World Wide Performance

The Radio Value Supreme. A new 7 Tube AC-DC 3 Band World-Wide Superhet incorporating all the newest radio developments for Greater Volume, Greater Distance, Better Selectivity! "Visual Tuning Eye" for tuning simplicity and better tone. Never before have you been able to secure so much Radio for so little money. A fine quality Receiver in the new type "laydown" cabinet at the lowest price ever quoted. Actually outperforms many 8 to 10 tube sets — and looks better. Has EVERYTHING you need . . . will bring in EVERYTHING you want to hear. Tunes 3 bands . . . 550 to 1650 Kc., 1650 to 5200 Kc., 5700 to 17,500 Kc. Gets Foreign Reception sharp and clear. Amazing Long Range Reception on Broadcast, Amateur, and all Police bands. Full volume and perfect tone. Illuminated Airplane Tuning Dial: with large, readable, well-spaced numerals.

#### Superheterodyne

Exceptional Sensitivity and Selectivity. New Type I.F. coils give more efficient operation. Power Line Noise Rejector: Built-in Line Buffer keeps line noises out of radio. 7 High Efficiency Tubes, Types 6G5; 6A7; 6D6; 75; 43; 25Z5; L-40-S2; giving nine tube performance.

#### Powerful Output

Tremendous Power Output. Clear natural tone. Standard Quality Electro-Dynamic Speaker. 5" diameter. Extra heavy construction of the cabinet and proper mounting of the speaker, produces tone quality far above the average. Tapered Volume Control: Automatic Volume Control: (A.V.C.) Live Rubber Condenser Mount.

#### "Laydown" Cabinet

The distinctive "Laydown" design of this model makes it ideal for any setting. Cabinet is of beautiful pencil striped walnut with curved side and end. Dark walnut band across front and side offers a pleasing contrast to balance of cabinet. Beautiful hand rubbed piano finish. Cabinet size: 8½" high, 16½" wide, 6¾" deep.

#### Foreign Reception

The whole wide world of radio entertainment is yours with this powerful 7 Tube Set. Instant change to any one of 3 Bands for thrilling long range reception. For luxurious all wave reception, for outstanding tone, power and appearance this Receiver is unbeatable in its price class.

# RADOLEK OFFERS YOU *the most*

**This Radolek Profit Guide**  
is a Restricted Catalog  
**Radolek Prices are**  
**Confidential**

*Bigger Value for*

We at Radolek firmly believe that Radio Dealers and Radio Servicemen are entitled to a Fair Trade Profit on every Service Call and on all Radio Merchandise sold by them. We try to help the Radio Trade get that fair Margin of Profit and to do all in our power to protect the private Trade buying advantages of our Trade Customers. We exercise painstaking vigilance to restrict the circulation of our catalog exclusively to those, who, in our opinion, are legitimately entitled to buy Radio Materials at wholesale prices. We go to great lengths in conscientiously trying to enforce this policy. We advertise only in Trade and Technical Publications and accept applications for our catalog only after careful checking or investigation. You can Depend on Radolek.

## **MOST COMPLETE STOCKS**

### *Repair Materials for Every Receiver*

The most comprehensive stock of Radio parts in the country has again been amplified to include practically every conceivable radio item that you will require. Over 8000 separate items consisting of Repair Parts and Material, Test Equipment and Instruments, National Brands of Radio Tubes, Public Address Amplifiers and Systems, and a complete selection of Radio Receivers. Never before have such extensive listings of Replacement Transformers, Condensers, Resistors, Volume Controls and other Repair Parts been assembled under one cover and stocked complete by one organization dedicated to your service.

## **SPEEDY ACCURATE SERVICE**

### *Depend on Radolek for Your Rush Orders*

Radolek is organized to handle your orders speedily and with intelligent personal attention. Radolek gives you service that satisfies. The thoroughly trained Radolek personnel understands your need for fast service and the entire Radolek organization is geared to fill your orders accurately and ship them rapidly. You can expect your orders to be on their way back to you the same day they are received by us. We can, and believe we do on the average, give to Radio Dealers and Servicemen within a radius of 500 miles of Chicago **FASTER DELIVERY** on Radio Merchandise than they can secure through any other channel of trade. Shipments can be laid down **OVER-NIGHT** in this area! Based on our own experience and a thorough understanding of the actual experience of others, we believe that our method of serving purchasers of Radio Material is the most satisfactory and economical ever devised.

## **PRICES ALWAYS RIGHT**

### *Radolek Offers Best Values*

Radolek prices are the lowest prices at which quality merchandise can be sold. Radolek prices give you the biggest value for your radio dollar. "Your Price" quoted through this catalog is the net wholesale price with all Trade and Cash Discounts deducted. You will find no ambiguous "quantity prices" featured in large type to mislead you. You know at a glance what each item costs you—and the prices quoted here are as low or lower than those quoted elsewhere for like quality high grade merchandise. "List Prices" given are either manufacturers List Prices or are intended by us as a suggested Retail Price. You can Depend on Radolek.

We have made large purchases and heavy commitments for merchandise and materials. We expect to be able to maintain prices quoted during the life of this catalog. However we reserve the right to revise prices should market conditions compel us to do so. Should any prices advance we will protect you against increased prices for as long as is reasonably possible. We pledge ourselves not to profiteer—we will not raise prices unnecessarily. But where prices are advanced and as our stocks become exhausted we may be obliged to make adjustments. We hope no increase in prices quoted in this book will be necessary but there may inevitably be some adjustments.

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### **Your Buying "Guide"**

This "Profit Guide" is your handy index to Radolek's huge Radio Storehouse. Over 10,000 individual radio items are listed here  
— Repair Parts for every Receiver — Tubes — Tools — Books — a complete line of Radio Sets—a complete line of Sound Amplifying Equipment — everything you need—in stock—ready for prompt shipment to you. Keep this book handy. It will guide you to greater profits and help you solve many service problems.

*Everything  
In  
Radio*

# ★ THE RADOLEK CO. ★

# complete RADIO SUPPLY SERVICE

*Your Radio Dollar*

**Your Profits are Protected**  
**Radolek's Determined Policy**  
**is**  
**"WHOLESALE ONLY"**

## The RADOLEK GUARANTEE

We guarantee every piece of radio merchandise supplied by us to be exactly as described and illustrated and to operate in the manner and for the purpose for which it was designed and intended. We guarantee all merchandise supplied by us against defects in material and workmanship. Any article which does not meet this guarantee, if returned promptly, will be repaired or replaced. We are able to make this guarantee only because we handle the best grade of carefully selected merchandise.

It is the affirmed purpose of Radolek to solicit orders only from those commercially and actively engaged in the radio industry, and from a few other trade units which are recognized as entitled to receive wholesale prices. Radolek is primarily a Service Supply House catering to the Radio Merchant, Service Technician, Design and Research Engineer, Industrial and Institutional Laboratories, Public Utilities, Schools, Colleges, and those recognized as engaged in developing the Art of Radio. We also solicit and accept orders from certain Federal, State, County, Municipal and other Governmental Bodies and Institutions. You can Depend on Radolek.

## GUARANTEED QUALITY

### Radolek Offers Only First Grade Standard Merchandise

New, Fresh, Clean Stocks. Every item listed in the Profit Guide is of dependable quality, and is guaranteed to give you the service you have the right to expect. We steadfastly avoid offering our customers "job-lot" or questionable merchandise regardless of how attractive the price may seem. Radolek does not take the word of any manufacturer as to quality or performance. Every single item that we offer you is first subjected to the most exacting investigation in order to make sure that you are getting merchandise that will give long and satisfactory service. Radolek offers merchandise of highest standard and quality at the right prices. You can Depend on Radolek.

## NEW P.A. EQUIPMENT

### Quality and Dependability at Reasonable Cost

Radolek has gone far in building advanced engineering and technical developments into practical Public Address apparatus. During the last year we have designed and produced an entirely new line of Public Address amplifiers which are being offered for the first time in this catalog. Every Radio Serviceman and every Radio Dealer should investigate this field. P.A. work offers attractive profits for the sale of installations and a steady income on rentals and maintenance work. You can Depend on Radolek.

## VISIT OUR STORE

### Complete Displays of Newest Radio Merchandise

Our Display Room has been remodeled to serve you more efficiently. A new sound insulated demonstration room for Public Address Amplifiers and Equipment will aid you to compare and choose the most appropriate system for your installations.

An enlarged Radio Set section will help you to make a selection of the models most suitable for your trade. Our City trade and our visiting Out-of-Town Customers will appreciate the prompt and courteous service that we are organized to extend in the City Sales Division. You can Depend on Radolek.

We are located just 5 minutes from the center of the downtown "Loop" business district on the corner of Randolph and Jefferson Streets—no parking restrictions.

### The Radolek Exchange Policy

We are most liberal in our Policy of rectifying any possible errors on your orders or in replacing defective merchandise. You may depend on it, we will take care of any proper adjustments promptly and in a manner that will please you. However with the exception of errors on order filling, defective items or items sent in for repair we must insist that before returning any other goods to us that you first obtain our permission to do so. Simply write us, stating what you want to return, the reason for the return, the date of purchase, condition of goods, etc. We will answer you promptly giving you any necessary instructions. You can Depend on Radolek.

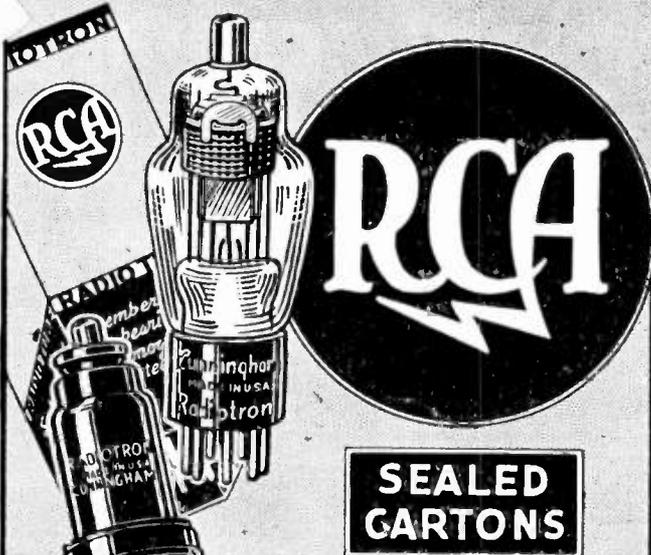
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*Always  
In  
Stock*

★ THE RADOLEK CO. ★

# RADIOTRON RADIO

## The Standard



### Easy To Sell—More Profit

R.C.A. Cunningham Tubes are the standard by which other tubes are judged. Behind them is a longer and more extensive experience than that enjoyed by other tube manufacturers. Unmatched laboratory facilities, wide distribution, and extensive advertising have given R.C.A. Tubes universal public acceptance. Your customer will accept these tubes at full price and with the utmost confidence of full value received and that none better can be obtained. Prices in effect at the time this catalog was printed are quoted. Price changes announced later will be promptly passed on to you. R.C.A. Tubes are fully guaranteed for twelve months, subject to the usual exceptions of burn-outs and breakage.

### R.C.A. RADIOTRON GLASS TUBES

Type Num.	Stock Number	List Price	Your Price	Type Num.	Stock Number	List Price	Your Price
8A	K155	\$1.25	\$0.73	36	K208	\$0.89	\$0.52
81A	K156	.59	.34	37	K207	.89	.40
1A4	K157	1.50	.88	38	K208	.89	.52
1A6	K158	1.25	.73				
1B4	K159	1.75	1.03	39	K209	.89	.52
1B5/25S	K160	1.25	.73	40	K210	.89	.40
1C6	K161	1.50	.88	41	K211	.89	.52
1	K162	1.25	.73	42	K212	.89	.58
				43	K213	.89	.58
1-V	K163	.89	.52				
2A3	K167	1.25	.73	44	K209	.89	.52
2A5	K168	.99	.58	45	K215	.89	.40
2A6	K169	.99	.58	46	K216	.89	.58
2A7	K170	1.25	.73	47	K217	.89	.52
				48	K218	2.50	1.47
2B7	K171	1.25	.73				
5Z3	K175	.89	.52	49	K219	.89	.58
6A4	K176	1.25	.73	50	K220	2.50	1.47
6A6	K177	1.25	.73	53	K221	1.25	.73
6A7	K178	1.25	.73	55	K222	.89	.58
				56	K223	.89	.40
6B7	K179	1.25	.73				
6C6	K180	.99	.58	57	K224	.89	.52
6D6	K181	.89	.52	58	K225	.89	.58
6ES	K182	1.50	.88	59	K226	1.25	.73
6F7	K183	1.50	.88	71A	K227	.89	.40
10	K187	2.00	1.18	75	K228	.89	.58
WD-11	K188	1.25	.73	76	K229	.89	.40
WD-12	K189	1.25	.73	77	K230	.89	.58
112A	K190	.89	.40	78	K231	.89	.58
1223	K191	.89	.58	79	K232	1.25	.73
15	K193	.89	.58	80	K233	.59	.34
20	K194	.89	.58	81	K234	2.00	1.18
22	K195	1.25	.73	82	K235	.89	.52
24A	K196	.89	.52	83	K236	.89	.52
25Z5	K197	.89	.58	83V	K237	1.50	.88
26	K198	.59	.34	84	K238	1.25	.73
27	K199	.89	.40	85	K239	.89	.58
30	K200	.69	.40	89	K240	.89	.58
31	K201	.89	.40	95V	K241	.89	.58
32	K202	1.25	.73	99X	K242	.89	.58
33	K203	.89	.58	87A	K243	4.90	2.88
34	K204	1.25	.73	87E	K244	6.70	3.94
35	K205	.89	.52	88E	K245	6.75	3.97

Deduct An Additional 10% Discount on Orders for 25 or More Tubes. Write for Prices in Larger Quantities.

### R.C.A. Metal Tube Data Manual

Contains complete information covering all types of R.C.A. Metal Tubes; diagrams covering theory of tube operation; technical details; specifications; installation and application information; characteristic charts and base layout diagrams; circuit diagrams showing tube uses;—Complete index giving in detail various subjects covered. 27 pages. Size 6 by 9 inches. Finely printed on heavy paper.

K12462—RCA Radiotron Metal Tube Manual. YOUR PRICE **10¢**

### R.C.A. Metal Tube Lighter

A Metal Tube that Lights Sturdily constructed, light in weight, yet of durable metal. It's not a toy, but a real lighter that will give long service. Only 2 1/2" high and 3/4" diameter. Everyone who sees the lighter enthusiastically comments that it is a distinctly novel, high-quality number. So if you want to impress your friends, customers, prospects, light up with the New R.C.A. Metal Tube lighter. K276—Free with order for 50 R.C.A. tubes. Price Separately Each **\$1.00**



### R.C.A. BUSINESS STIMULATORS

#### Personalized R. C. A. Tube Stickers



Every time you test a tube, put on an R.C.A. Tube Test Sticker. This effective inexpensive method of advertising sews up the renewal sale. Makes every tube a selling agent for you. The cost is negligible, the value great. Has space for date sold, date tested, satisfactory, doubtful and unsatisfactory indications. Imprinted with 3-lines (Your name, address and city.) Print name plainly on your order. Include remittance with order.

K270—Roll of 2000 Tube Stickers, Imprinted with your name, address and city. YOUR PRICE **\$1.00**

#### R. C. A. Outdoor Metal Flange Sign

A four-color enameled sign of heavy durable metal. Tells the world you fix 'em. This sign tells every passerby that he may look to you for good repair work. Naturally, the thought of repair work also suggests tube replacements, aerial installations, etc. The majority of set owners know when their sets need repairing but they don't know who repairs them. Let this sign tell them. It is a sales help you shouldn't be without. The profits from just one repair job will more than pay for your sign. Harmoniously lithographed on both sides. Your name will be individually hand-lettered on both sides of bottom panel. Sign is easily attached to building. Size overall 27" high, 20" wide. Print name desired on sign clearly. Include remittance with order.



K273—Complete. YOUR PRICE **\$1.00**

#### R.C.A. Radio Tube Manual



Contains 154 pages of complete information covering all current types of Receiving Tubes;—31 pages with diagrams covering theory of tube operation—109 pages giving technical details, specifications, installation and application information, characteristic charts and base layout diagrams;—10 pages of circuit diagrams showing tube uses;—Complete index giving in detail various subjects covered. Size 6 by 9 inches. Finely printed on heavy paper. The 17x22 Chart has all technical details in compact form.

K12465—RCA Cunningham Radiotron Tube Manual and 17x22 Tube Chart. YOUR PRICE **20¢**

#### Dummy Cartons



For Display Only Exactly the same as the cartons regularly used on R.C.A. tubes. Shipped knocked-down. One entire side and bottom of carton is plainly marked. "For Display Purposes Only—Not For Sale." K274—Twenty-five dummy cartons free with an order for 10 R.C.A. tubes.

#### R.C.A. Decalcomania



Attractive 3 color window sign. In brilliant red, black and white. Easy to put on. Identifies you immediately as an R.C.A. Tube Dealer. Given FREE with order for RCA Tubes. K275 **FREE**

# CUNNINGHAM TUBES

of Comparison

## Resultful Merchandising Aids

Advertising builds confidence, as well as more business, more profit, greater volume, and satisfied customers. Tie your firm name in with R.C.A. and profit by the millions of dollars R.C.A. spends on national advertising. You increase your customer's confidence in you when you handle reliable well known merchandise. The advertising pieces on this page have been selected because of successful results obtained on tests by leading servicemen. This is the most economical profit-producing publicity you can buy. To our customers who are prepared to carry a reasonable stock of R.C.A. Tubes we will upon request advise R.C.A. of your tube sales, and recommend that you should be supplied free with the advertising material they have available for larger dealers.

## New R.C.A. Radiotron "G" Type Tubes

Glass Type Tubes with Octal Bases

Type Number	Stock Number	List Price	Your Price	Type Number	Stock Number	List Price	Your Price
5V4G	K285	\$1.75	\$1.03	6K7G	K294	\$1.25	\$0.73
5X4G	K286	1.25	.73	6L7G	K295	1.50	.88
5Y3G	K287	1.00	.53	6W7G	K296	1.50	.88
6A6G	K288	1.50	.88	6Q7G	K297	1.25	.73
6C5G	K289	1.00	.59	6R7G	K298	1.25	.73
6F5G	K290	1.00	.59	6X5G	K299	1.25	.73
6F6G	K291	1.25	.73	25A6G	K300	1.25	.73
6H6G	K292	1.00	.59	25Z6G	K301	1.25	.73
6J7G	K293	1.25	.73				

## R. C. A. Radiotron All-Metal Tubes

Type Number	Stock Number	List Price	Your Price	Type Number	Stock Number	List Price	Your Price
5W4	K360	\$1.00	\$0.59	6L6	K372	\$2.00	\$1.18
5Z4	K361	1.25	.73	6L7	K373	1.50	.88
6A6	K362	1.50	.88	6W7	K374	1.50	.88
6C5	K366	1.00	.59	6Q7	K375	1.25	.73
6F5	K367	1.00	.59	6R7	K376	1.25	.73
6F6	K368	1.00	.59	6X5	K377	1.25	.73
6H6	K369	1.00	.59	25A6	K382	1.50	.88
6J7	K370	1.25	.73	25Z6	K383	1.25	.73
6K7	K371	1.25	.73				

Get an Additional 10% Discount on Orders for 25 or More Tubes. Write for Prices in Larger Quantities.

## R. C. A. Transmitting and Special Purpose Tubes

Type Num.	Description	Stock Num.	YOUR PRICE
203A	RF Power Amp. Osc. Class B Modulator	K460	\$15.00
211	RF Power Amp. Osc. AF Amp. Mod.	K461	15.00
800	RF Power Amp. Osc. Class B Modulator	K462	10.00
801	RF and AF Power Amp. Osc. Modulator	K463	4.50
802	RF Power Amplifier Pentode	K464	3.25
803	RF Power Amplifier Pentode	K465	3.50
804	RF Power Amplifier Pentode	K466	15.00
805	RF Power Amp. Osc. Class B Modulator	K467	18.00
830B	Class B Modulator RF Power Amp. Osc.	K468	10.00
834	RF Power Amplifier and Oscillator	K469	12.50
838	Class B Modulator, RF Power Amp. Osc.	K470	16.00
840	RF Pentode	K471	6.00
841	RF Power Amp. Osc. AF Voltage Amp.	K472	3.25
842	AF Power Amplifier Modulator	K473	3.25
843	Power Amp. Osc.	K474	12.50
844	Screen Grid RF Power Amplifier	K475	18.00
845	Modulator, AF Power Amplifier	K476	16.00
850	Screen Grid RF Power Amplifier	K477	37.50
852	Oscillator, RF Power Amplifier	K478	16.40
858	Screen Grid RF Power Amplifier	K479	32.50
864	Amplifier (Low Microphonic Design)	K480	1.50
865	Screen Grid RF Power Amplifier	K481	12.75
868	Phototube	K482	5.00
917	Phototube (High-Vacuum Type)	K483	6.00
918	Phototube (High Sensitivity)	K484	5.00
919	Phototube (High-Vacuum Type)	K485	6.00
954	Detector Amp. Pentode (Aeon Type)	K489	3.00
955	Amp. Detector, Osc. (Aeon Type)	K487	3.75
1682	Amp. Triode (Low-Microphonic Type)	K488	2.75

## Rectifiers

217A	Half-Wave, High-Vacuum	K492	\$20.00
217C	Half-Wave, High-Vacuum	K493	20.00
816	Half-Wave, High-Vacuum	K494	11.50
866	Half-Wave, Mercury-Vapor	K495	2.25
866A	Half-Wave, Mercury-Vapor	K496	4.00
872	Half-Wave, Mercury-Vapor	K497	16.50
872A	Half-Wave, Mercury-Vapor	K498	18.50
879	Half-Wave, High-Vacuum for Cath. Ray Tubes	K499	11.00
879	Half-Wave, High-Vacuum for Cath. Ray Tubes	K500	8.00
885	Gas-Triode, Cath. Ray Sweep-Circuit Control	K501	2.00

## Cathode-Ray Tubes

906	Electrostatic Deflection, High-Vacuum	K506	18.00
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## SPECIAL R.C.A. SALES BUILDERS

### R. C. A. Check-Up Deal Number 1



### Advertise and Increase Your Profits!

Advertise! These compelling sales stimulators will tell the world you're in the radio business. Your service calls will increase—your profits will increase—and your shop will be identified as radio headquarters in your locality. Here is a complete advertising campaign—everything you need to do a complete selling job. Send for yours today.

- Item 1—DeLuxe Window Display. Adjustable to any size window. Value \$1.00
- Item 2—100 Duplex "Check-Up" Cards (your imprint in four places). Value \$1.50
- Item 3—100 "Check-Up" Follow-Up Cards. (Imprinted). Value 75c
- Item 4—100 no. 1 Personalized Letters and Envelopes (Imprinted). Value \$2.25
- Item 5—100 no. 2 Personalized Letters and Envelopes (Imprinted). Value \$2.25
- Item 6—100 Reprints of the Saturday Evening Post Ad. Value 50c
- Item 7—100 Special 3-Color Die Cut Stuffers, Novel and effective. Value 75c
- Item 8—100 GUARANTEE Certificates. A sign of responsibility. Value 25c
- Item 9—50 Record Cards. For job records and prospect information. Value 25c
- Item 10—CHOICE of 25 Tube Carrying Cartons or Log Books or Tear Maps. Value 50c

**A \$10.00 Value**

K279—(With Order For 200 R.C.A. Tubes. To be taken out within a 90 day period.)

**YOUR PRICE**

**\$2.00**

Include remittance for advertising material with order.

### R.C.A. Check-Up Deal Number 1A

For the dealer who does not desire a window display and the personalized letters. This deal includes all the important sales helps of Deal Num. 1 except items 1, 4, 5 and 6. A total value of \$4.00.

K280—Includes Items 2, 3, 7, 8, 9, 10 (described above) Value.....\$4.00 (include remittance with order. YOUR PRICE.....

**\$1.00**

(With order for 100 RCA Tubes to be taken out within a 90 day period.)

### R. C. A. Check-Up Deal Number 2

#### Service-Tip File

Consists of 200 Service Tips each printed on a separate card. Covers the common ailments of 90% of receivers. Cuts servicing searching down to a minimum. Cards give name of receiver, model, diagrams and trouble possibilities. Sturdy steel cabinet. Olive finish. Holds 1200 cards, size 3-1/2" x 5-1/2" x 1-1/2".

K281—Value, 35.00. **\$1.25 YOUR PRICE**

(Plus a deposit of 75 cents to be refunded upon purchase of 200 R.C.A. Tubes.)



# RADOLEE TUBE CHART

With Bias Resistor Data and Total Consumption of all standard American Made Radio Receiving Set Tubes.

See Explanatory Note, Bottom of Page VI

Bottom View of Sockets	Tube Circuit Diagram	Type	List	Purpose	Filament Volts	Filament Amps.	Plate Volts	Plate Milliamps	Screen Volts Max.	Screen Milliamps	Next Grid Bias V.	Recommended Ohms Bias Resistor	Amplification Factor and $\mu$ p. P. H. Gain	Recommended Ohms Plate Load and A.C. Plate Res.	Power Output Milliwatts	Max. Power Consumption
		90A	\$1.35	Detector Only	5 D. C.	0.25	45	1.5			- .5		20 #1	30000		1.3
		91A	.70	General Purpose Triode	5 D. C.	0.25	135	3			- 9	3000 1/2 Watt	14 10000			1.7
		10	2.10	Power Amplifier Oscillator	7.5 A. C.	1.25	425	18			-39	2170 2 Watt	8 10000 14 6000	1600	17	
		12A	.80	Amplifier Detector	5 D. C.	.25	180	7.7			-13.5	760 1/2 Watt	8.5 10000 14 47000	260	2.6	
		14	1.50	Philco Special Det.-Amp.	14 D. C.	0.3	180	4	90	1.7	- 3	525 1/2 Watt	400 52.1			5.1
		15	2.00	Mixer-Osc. Sub. 1A6	2 D. C.	.205	135	1.85	67.5	0.6	- 1.5	610 1/2 Watt	530 54.5	500000		.7
		17	1.50	Philco Special Det.-Amp.	14 D. C.	0.3	135	4.5			- 9	2000 1/2 Watt	9 19.1			4.7
		18	2.00	Philco Power Pentode	14 D. C.	0.3	250	34	250	7.5	-16.5	400 4 Watt	220 46.9	9000	3000	14.6
		19	1.10	Class "B" Output	2 D. C.	0.26	135	25			0			10000	2100	3.9
		20	1.10	Early Batt. Triode	3.3 D. C.	0.132	135	6.5			-22.5	"C" Batt.	3.3 9	6500 6500	110	1.3
		22	1.35	Early Batt. Tetrode	3.3 D. C.	0.132	135	3.7	67.5	1.3	- 1.5	"C" Batt.	160 34	326000		1
		24A	1.00	Screen-Grid Det.-Amp.	2.5 D. C.	1.75	250	4	90	1.7	- 3	525 1/2 Watt	630 58	600000		5.9
		26	.70	R. F. or A. F. Amplifier	1.5 A. C.	1.05	180	6.2			-14.5	2320 1 Watt	8.3 14	7500		2.6
		27	.80	General Purpose Triode	2.5 A. C.	1.75	250	5.2			-21	4100 1.5 Watt	9 14.6	9260		5.8
		29		High Mu Detector	2.5 A. C. D. C.	1	180	4.5			- 3	6675 1/2 Watt	30 24.6	500000		3.3
		30	.80	General Purpose Triode	2 D. C.	0.06	135	3			- 9	3000 1/2 Watt	9.3 14.6	10500		.53
		30S		Spec. Triad S-W Tube	2 D. C.	0.06	135	3			- 9	3000 1/2 Watt	9.3 19.4	10500		.53
		31	.80	Pwr. Amp. Triode	2 D. C.	0.13	135	8			-22.5	2800 or "C" Batt.	3.8 916	7000 4100	185	1.4
		32	1.35	R. F. Amp. Tetrode	2 D. C.	0.06	135	1.7	67.5	0.4	- 3	1425 or "C" Batt.	610 39	980000		.38
		33	1.10	Pwr. Output Pentode	2 D. C.	0.26	135	14.5	135	3	-13.5	770 or "C" Batt.	70 31	7000 50000	700	2.81
		34	1.35	Var. Mu. R. F. Amp.	2 D. C.	0.06	135	2.8	67.5	1	- 3	800 or "C" Batt.	360 38	800000		.56
		35	1.00	Var. Mu. Same as 51	2.5 A. C.	1.75	250	6.5	90	2.5	- 3	333 Min. 1/2 Watt	420 37	360000		6.2
		36	1.00	Gen. Pur. Tetrode Same as 64A.	6.3 A. C. D. C.	0.3	180	3.1	90	1	- 3	750 1/2 Watt	525 38	300000		2.9
		37	.80	Triode Same as 67A	6.3 A. C. D. C.	0.3	180	4.3			-13.5	3150 1 Watt	9.2 14.6	10000		2.8
		38	1.00	Pentode Same as 68A	6.3 A. C. D. C.	0.3	180	14	180	2.4	-18	1100 2 Watt	120 34	11600	1000	4.8
		39	1.00	Var-Mu Pentode Same as 44 and 65A	6.3 A. C. D. C.	0.3	250	5.8	90	1.4	- 3 Min.	417 1/2 Watt	1050 40	1.5 Meg.		3.5
		40	.75	Early Hi-Mu Triode	5 D. C.	.25	135	0.2			- 1.5		30 28	180000		.8
		40 SO1	6.00	Arcturus-Dia. T. Sonora Spec.	15 A. C.	0.35	180	21			-40.5	"C" Batt.	3 9.8	4000 8000		9
		41	1.00	Pwr. Output Pentode	6.3 A. C. D. C.	0.4	180	18.5	180	3	-13.5	627 2 Watt	150 34.5	9000 81000	1500	6.4
		42	1.10	Pwr. Output Pentode	6.3 A. C. D. C.	0.7	250	34	250	6.5	-16.5	407 4 Watt	220 58	7000 100000	3000	14.5

# RAYTHEON 4-PILLAR TUBES



## 4-Pillar Construction

Raytheon 4-Pillar Construction is Superior. Raytheon 4-Pillar Tubes come to you exactly as they leave the laboratory. Four Strong Pillars keep the elements in place, maintaining the hairline accuracy with which they were assembled. Because of their unique construction, they will stay that way throughout their long life. Heavy vibrations caused by the Dynamic Speaker, knocks and bumps incident to store-handling—the slight mishaps that impair and even ruin ordinary Tubes leave Raytheons unaffected.

## Free Advertising Material

Many arresting window displays, window streamers, display stands, consumer leaflets, data charts, etc., are issued by Raytheon. If you can use this material please advise us when placing your order for Raytheons and we will place your name on the list to receive advertising material.

## Nationally Advertised

It will never be necessary for you to "sell" a customer Raytheon 4-pillar Tubes—The millions of advertising dollars that have, and are, being spent to impress the public with this exclusive patented feature, have firmly established Raytheons in the minds of Set owners as the standard of quality by which other Tubes are judged. With such tremendous nationwide publicity and universal public acceptance behind them, Raytheon 4-pillar Tubes will sell themselves.

## Complete Selection

Raytheon 4-pillar Tubes are made in all types to fit any set. With this line you have a Tube for every customer — no lost sales.

## 6 Month Guarantee

Each Raytheon tube is fully guaranteed for 6 months, subject to the usual exceptions of burnouts and breakage.

## Raytheon New Metal Tubes



The new all-metal tubes feature: Unusual sturdiness, compactness, perfect shielding, quiet operation, better reception of short waves, new self-aligning octal base. The new metal tubes are not interchangeable with conventional glass types and should be only used as replacements in sets using metal tubes and in circuits especially designed for them. As new types of all-metal tubes are introduced, Radolek will promptly have them for you at the lowest prices.

Type Num.	Stock Number	Last Price	Your Price
5W4	K800	\$1.10	\$0.55
5Z4	K801	1.35	.68
6A8	K802	1.35	.68
6B8	K803	1.60	.80
6C5	K804	1.10	.55
6F5	K805	1.10	.55
6F6	K806	1.10	.55
6H6	K807	1.10	.55
6J7	K808	1.35	.68
6K7	K809	1.35	.68
6L6	K810	2.20	1.11
6L7	K811	1.60	.80
6N7	K812	1.60	.80
6R7	K813	1.35	.68
6X5	K814	1.35	.68
6Q7	K815	1.35	.68
25A6	K816	1.60	.80
25Z6	K817	1.35	.68
0Z4	K818	1.35	.68

## RAYTHEON Transmitting Tubes

Stock Number	Type Number	Your Price
K900	RK-10	\$ 3.50
K901	RK-16	4.50
K902	RK-17	4.50
K903	RK-18	10.00
K904	RK-19	7.50
K905	RK-20	35.00
K906	RK-21	5.00
K907	RK-22	7.50
K908	RK-23	4.50
K909	RK-24	2.25
K910	RK-25	4.50
K911	RK-28	38.50
K912	RK-30	10.00
K913	RK-31	10.00
K914	RK-32	12.00
K915	RK-34	3.50
K923	RK-35	8.00
K916	RK-36	34.50
K917	RK-100	7.00
K918	841	3.25
K919	842	3.25
K920	864	1.60
K921	866A	4.00
K922	872A	18.50

## Standard Base Glass Tubes

Type Num.	Stock Number	List Price	Your Price	Type Num.	Stock Number	List Price	Your Price
00-A	K560	\$1.35	\$0.68	32	K610	\$1.35	\$0.68
01-A	K561	.65	.33	33	K611	1.10	.55
0Z3	K562	1.35	.68	34	K612	1.35	.68
1-V	K563	1.00	.50	35/51	K613	1.00	.50
1A4	K564	1.60	.80	36	K614	1.00	.50
1A5	K565	1.35	.68	37	K615	.75	.37
1B4 951	K566	1.60	.80	38	K616	1.00	.50
1B5 255	K567	1.35	.68	39/44	K617	1.00	.50
1C6	K568	1.60	.80	40	K618	.75	.37
1F4	K569	2.20	1.11	41	K619	1.00	.50
1F6	K570	1.60	.80	42	K620	1.10	.55
2A3	K571	1.35	.68	43	K621	1.10	.55
2A3-H	K572	1.35	.68	45	K622	.75	.37
2A5	K573	1.10	.55	46	K623	1.10	.55
2A6	K574	1.10	.55	47	K624	1.00	.50
2A7	K575	1.35	.68	48	K625	2.60	1.30
2B7	K576	1.35	.68	49	K626	1.10	.55
2E5	K577	1.60	.80	50	K627	2.60	1.30
5Z3	K578	1.00	.50	52	K628	1.70	.85
6A3	K579	1.60	.80	53	K629	1.35	.68
6A4/LA	K580	1.35	.68	55	K630	1.10	.55
6A6	K581	1.35	.68	56	K631	.75	.37
6A7	K582	1.35	.68	57	K632	1.00	.50
6B5	K583	2.25	1.13	58	K633	1.00	.50
6B7	K584	1.35	.68	59	K634	1.35	.68
6C6	K585	1.10	.55	71A	K635	.75	.37
6D6	K586	1.00	.50	75	K636	1.10	.55
6E5	K587	1.60	.80	76	K637	.75	.37
6E6	K588	1.70	.85	77	K638	1.10	.55
6F7	K589	1.60	.80	78	K639	1.10	.55
6G5	K590	1.60	.80	79	K640	1.35	.68
6N5	K591	1.85	.93	80	K641	.65	.32
6Z4/84	K592	1.35	.68	81	K642	2.10	1.05
10	K593	2.10	1.05	82	K643	1.00	.50
WD11	K594	1.35	.68	83	K644	1.00	.50
WX12	K595	1.35	.68	83V	K645	1.60	.80
12A	K596	.75	.37	84	K592	1.35	.68
12A5	K597	2.10	1.05	85	K647	1.10	.55
12A7	K598	2.20	1.11	89	K648	1.10	.55
12Z3	K599	1.10	.55	V99	K649	1.10	.55
15	K600	2.00	1.00	X99	K650	1.10	.55
19	K601	1.10	.55	182B	K651	1.65	.83
20	K602	1.10	.55	183	K652	1.65	.83
22	K603	1.35	.68	485	K653	1.45	.73
24A	K604	1.00	.50	950	K654	2.20	1.10
25Z5	K605	1.10	.55	951(1B4)	K566	2.00	1.00
26	K606	.65	.32	BA	K655	7.50	3.77
27	K607	.75	.37	BH	K656	4.65	2.34
30	K608	.75	.37	BR	K657	2.75	1.38
31	K609	.75	.37	LA(6A4)	K580	1.35	.68

## RAYTHEON Octal Base Glass Tubes

Glass Tubes with Octal Bases

Identical in electrical characteristics and base connections to the new all-metal tubes, but with glass envelope. Interchangeable with all-metal tubes having corresponding type numbers.



Type Num.	Stock Number	List Price	Your Price
1C7-G	K700	\$1.85	\$0.93
1D5-G	K701	1.85	.93
1D7-G	K702	1.60	.80
1E5-G	K703	1.60	.80
1E7-G	K704	1.60	.80
1F5-G	K705	2.50	1.25
1F7-G	K740	1.85	.93
1H4-G	K706	1.10	.55
1H6-G	K707	1.60	.80
1J6-G	K708	1.35	.68
5V4-G	K709	1.85	.93
5X4-G	K710	1.35	.68
5Y3-G	K711	1.10	.55
5Y4-G	K712	1.10	.55
6A8-G	K713	1.60	.80
6B4-G	K714	1.85	.93
6B6-G	K715	1.50	.75
6B5-G	K716	1.10	.55
6D8-G	K717	2.10	1.05
6F5-G	K718	1.10	.55
6F6-G	K719	1.35	.68
6H6-G	K720	1.10	.55
6J5-G	K721	1.10	.55
6J7-G	K722	1.35	.68
6K5-G	K723	1.35	.68
6K6-G	K724	1.35	.68
6K7-G	K725	1.35	.68
6L5-G	K726	2.10	1.05
6L6-G	K727	2.20	1.11
6L7-G	K728	1.60	.80
6N6-G	K729	2.50	1.25
6N6-MG	K730	2.50	1.25
6N7-G	K731	1.60	.80
6P7-G	K732	2.20	1.11
6Q6-G	K733	2.10	1.05
6Q7-G	K734	1.35	.68
6R7-G	K735	1.35	.68
6S7-G	K736	2.10	1.05
6X5-G	K737	1.35	.68
25A6-G	K738	1.35	.68
25B6-G	K741	2.10	1.05
25Z6-G	K739	1.35	.68

## Buy Raytheon Tubes In Quantities

In lots of 25 or more there is an additional discount of 10% from prices specified on Glass, All-Metal and "G" type tubes.

## Dealer Price Cards

Shows prices for complete line. Also shows interchangeable tube types. K971—Free with order for Raytheon Tubes.

## Technical Data Chart

K972—Free with order for Raytheon Tubes.

## Tube Stickers

Raytheon Tube Stickers Imprinted with Your Name



Your Price One roll 1000 Stickers \$1.00

Include remittance with order.

## Write Instructions plainly

Rolls of 1000 Stickers with spaces for notations of "Date Sold"—"Date Tested"—Condition of tube and space for imprinting of dealers name. Imprinted with 3 lines of copy. (Your Name, Address, and City or Phone Number.) Imprinting requires 30 days delay.

## Free Stickers Not Imprinted

K974—Roll of 1000 Stickers without your imprint. . . . Free with order for 10 Raytheon Tubes.

# Radolek TUBE CHART

With Bias Resistor Data and Total Power Consumption of all standard American Made Radio Receiving Set Tubes.

See Explanatory Note, Bottom of Page VI

Bottom View of Sockets	Tube Circuit Diagram	Type	List	Purpose	Filament Volts	Filament Amps.	Plate Volts	Plate Milliamps	Screen Volts Max.	Screen Milliamps	Neg. Grid Bias V.	Recommended Ohms Bias Resistor	Amplification Factor and D. B. Gain	Recommended Ohms Plate Load and A. C. Plate Res.	Power Output Milliwatts	Max. Power Consumption In Watts
		43	\$1.10	AC-DC Pwr. Output Pentode	25 A. C. D. C.	0.3	100 135	20 34	100 135	4 7	-15 -20	625 488 3 Watt	90 80 #7	4500 4000 45000	900 2000	13
		44 (39-44)	1.00	Var-Mu or R. F. Det.	6.3 A. C. D. C.	0.3	90	5.6	90	1.6	-3	417 1/2 Watt	360 40	375000		2.5
		45	.80	Pwr. Output Triode	2.5 A. C.	1.5	250	34			-60	1470 3 Watt	3.5 9	3900 1610	1600	12.3
		46	1.10	Dual Grid Class "B"	2.5 A. C.	1.75	250	22			-33		5.6	6400	1250	9.9
		47	1.00	Pentode Output Same as PZ	2.5 A. C.	1.75	250	31	250	6	-16.5	446 4 Watt	150 28	7000 80000	2700	13.6
		48	2.60	AC-DC Pentode Output	30 A. C. D. C.	0.4	95	47	95	9	-20	357 4 Watt	28 28	2000 10000	1600	17.3
		49 RAI	4.50	Arcturus-Dia. T. Senora Spec.	15 A. C.	0.35	90	4.5			-4.5	"C" Batt.	10.9 #0.8	18000 9000		6
		49	1.10	Dual-Grid Pwr. Output	2 D. C.	0.12	135 180	5.7			-20	3500	4.5	11000 12000	170	1
		50	2.60	Extra Heavy Pwr. Output	7.5 A. C.	1.25	400	55			-70	1275 10 Watt	3.8 9.5	3670 1800	3400	31.4
		51	1.00	Var. Mu R. F. (Substitute Type 35)	2.5 A. C.	1.75	180	6.3	90	2.5	-3	410 Min. 1/2 Watt	305 37	300000		5.7
		52	1.70	Tetrode Class "B" (Substitute Type 89)	6.3 A. C. D. C.	0.3	100	42								
		53	1.35	Twin Triode Class "B"	2.5 A. C.	2	300									
		55	1.10	Diode Le-Mu Triode	2.5 A. C.	1	250	8			-20	2500 1/2 Watt	8.3 14	20000 7600	350	4.5
		56	.80	Improved Triode	2.5 A. C.	1	250	5			-13.5	2700 1 Watt	13.8 16	9800		3.5
		57	1.00	Hi-Mu. Det. R. F. and Osc.	2.5 A. C.	1	250	2	100	0.5	-3	1200 1 Watt	1500 48	1.5 Meg		3.1
		58	1.00	Var.-Mu R. F. Amp.	2.5 A. C.	1	250	8.2	100	2	-3	294 1/2 Watt	1280 41	0.8 Meg		4.8
		59	1.35	3 Grid Triode Pentode	2.5 A. C.	2	250 250 400	35 26	250	9	-18 -28	408 1150	100 6	6000 5000 6000	3000 1250 20000	16 11.5
		71A	.80	Pwr.-Amp. Triode	5 A. C. D. C.	.25	180	20			-43	2150 2 Watt	3 8	4800	790	4.9
		75	1.10	Double Diode Hi-Mu Triode	6.3 A. C. D. C.	0.3	250	0.8			-2	2500 1/2 Watt	50 26			2.1
		77	1.10	Hi-Mu R. F. Pentode	6.3 A. C. D. C.	0.3	250	2.3	100	0.6	-3	1035 1/2 Watt	1500 48	1.5 Meg		2.5
		78	1.10	Var. Mu. R. F. Pentode	6.3 A. C. D. C.	0.3	250	7	100	2	-3	334 1/2 Watt	1160 40	0.8 Meg		3.9
		79	1.35	Class "B" Twin Triode	6.3 A. C. D. C.	0.6	180	7.5						7000	5500	
		85	1.10	AVC Diode Triode	6.3 A. C. D. C.	0.3	250	8			-20	2500 1 Watt	8.3 14	20000 7600	350	3.9
		87	1.65	R. F. Pentode Same as 57A	6.3 A. C. D. C.	0.4	250	2	100	1	-3	1000 1/2 Watt	1250 41			3.2
		88	1.65	Var. Mu. R. F. Pentode Same as 58A	6.3 A. C. D. C.	0.4	250	8.2	100	3	-3	270 1/2 Watt	1280 41			4.9
		89	1.10	-As a Triode or Pentode	6.3 A. C. D. C.	0.4	250 250	32 32	250	5.5	-31 -25	970 666 1 Watt	4.7 34	5500 6750 70000	350 340	10.5 11.9
		89	1.10	-As a Class "B" Amplifier	6.3 A. C. D. C.	0.4	180				0			9400	3500	
		UV99 UX99	1.10 1.10	Gen. Purpose Same as 299	3.3 D. C.	0.06	90	2.5			-4.5	"C" Batt.	6.6 16.4	15800		.43
		181	1.90	Spartan Power Tube Top Heater	3 A. C.	1.75	180	20			-32	1800 2 Watt	5 14	7000 #170	1500	8.9

# HYGRADE Sylvania RADIO TUBES



## The Set Tested Tubes

Sylvania tubes have earned an enviable reputation for unerring uniformity of quality. Every Tube Is Tested Under Actual Working Conditions. Extensive national advertising has made Sylvania one of the most popular brands on the market. For a number of years, Sylvania has reached millions of consumers with various forms of advertising, including radio programs, newspaper and magazine advertisements. Through this means and through actual use, millions of homes prefer the Sylvania brand. A quality product, supported by financial strength to carry it through, makes clean merchandising possible.

## Sell At Full List Price

Sylvania Radio tubes are only advertised at full list price. Therefore, Sylvania tubes are the easiest to sell at the full list price. A complete line of quality merchandise, with strict resale policies, fair adjustment, and price protection, insures a uniform profit.

## Buy 25 Assorted Types Of Sylvania Tubes

And Receive an Additional 10% Discount  
When ordering Sylvania Tubes in lots of twenty-five or more deduct an additional 10% from the total net price of the tubes specified on your order. It is not necessary to buy twenty-five of one type tube in order to obtain the quantity discount.

## Sylvania Sales Helps Free Price List and Service Booklets



Free with Order for Sylvania Tubes.

K1465—List Price Fold-out. Twenty-five supplied. . . . . **Free**

K1466—Service Hints. A 64 page booklet containing service information covering peculiarities of specific receivers and miscellaneous information covering Amplifiers, Auto Radios, Resistors, Transformers. . . . . **Free**

K1467—Auto Radio Installation and Servicing. An 80 page booklet containing valuable information on Auto Radio Installation, Interference Suppression, Service Hints and Auto Radio Type Tubes. . . . . **Free**

## Tube Stickers

Imprinted with Your Name

K1474—

Your Price

Roll of 2,000

**\$1.00**

Rolls of 2000 Stickers with spaces for notations of date and the condition of the tube. Imprinted with three lines of copy—Your Name, Address and City or Phone Number. Print instructions plainly. Imprinting requires 30 days delay.

Include Remittance with Order.

## New Technical Manual With Socket Layout Guide

Includes Standard Glass and All-Metal Tubes



A 100 page booklet full of valuable tube information. Covers the following subjects—Fundamental Properties of Vacuum Tubes, Classifications, Definitions, General Tube and Circuit Information, B-Voltage Supplies, Heater Voltage Supplies, Volume Control Considerations, Shielding, Filtering, Complete Resistor Chart and Interchangeable Tube Chart, Tube and Base Diagrams, Symbols, and characteristics of Sylvania Tubes. Handy Pocket size.

K1468—YOUR PRICE . . . . . **15¢**  
(With Order for 10 Sylvania Tubes) . . . . . **Free**

## Standard Base Glass Tubes

Type Num.	Stock Number	List Price	Your Price	Type Num.	Stock Number	List Price	Your Price
01A	K1000	\$0.70	\$0.34	41	K1066	\$1.00	\$0.51
1A1	K1001	1.00	.51	42	K1067	1.10	.56
1A4	K1002	1.60	.85	43	K1068	1.10	.56
1A6	K1003	1.35	.71	45	K1069	.80	.39
1B1	K1004	1.25	.71	46	K1070	1.10	.56
1B4	K1005	1.85	1.00	46A1	K1071	1.10	.56
1B5 2S5	K1006	1.35	.71	46B1	K1072	1.10	.56
1C1	K1007	1.00	.51	47	K1073	1.00	.51
1C6	K1008	1.60	.85	48	K1074	2.60	1.42
1D1	K1009	1.25	.71	49	K1075	1.10	.56
1E1	K1010	1.25	.71	50	K1076	2.60	1.42
1F4	K1011	2.20	1.25	53	K1077	.71	.71
1G1	K1012	1.25	.71	55	K1078	1.10	.56
1K1	K1013	1.25	.71	56	K1079	.80	.39
1V	K1014	1.00	.51	57	K1080	1.00	.51
2	K1015	1.00	.51	58	K1081	1.00	.51
3	K1016	1.10	.56	59	K1082	1.35	.71
4	K1017	1.00	.51	71A	K1083	.80	.39
5	K1018	1.10	.56	75	K1084	1.10	.56
2A3	K1019	1.35	.71	76	K1085	.80	.39
2A5	K1020	1.10	.56	77	K1086	1.10	.56
2A6	K1021	1.10	.56	78	K1087	1.10	.56
2A7	K1022	1.35	.71	79	K1088	1.35	.71
2B7	K1023	1.35	.71	80	K1089	1.70	.94
2E5	K1024	1.60	.85	81	K1090	2.10	1.14
5Z3	K1025	1.40	.51	82	K1091	1.00	.51
6	K1026	1.50	.85	83	K1092	1.00	.51
6A3	K1027	1.60	.85	83V	K1093	1.60	.85
6A4/LA	K1028	1.35	.71	84	K1094	1.35	.71
6A6	K1029	1.35	.71	85	K1095	1.10	.56
6A7	K1030	1.35	.71	89	K1096	1.10	.56
6B5	K1031	2.25	1.28	V-99	K1097	1.10	.56
6B7	K1032	1.35	.71	X-99	K1098	1.10	.56
6C6	K1033	1.10	.56				
6D6	K1034	1.00	.51				
6E5	K1035	1.60	.85				
6E6	K1036	1.70	.97				
6F7	K1037	1.60	.85				
6G5	K1038	1.60	.85				
7	K1039	1.10	.56				
8	K1040	1.10	.56				
9	K1041	1.10	.56				
10	K1042	2.10	1.14				
12A	K1043	.80	.39				
12Z3	K1044	1.10	.56				
12A5	K1045	2.10	1.20				
12A7	K1046	2.20	1.25				
15	K1047	2.00	1.14				
18	K1048	2.00	1.14				
19	K1049	1.10	.56				
20	K1050	1.10	.56				
22	K1051	1.35	.71				
24A	K1052	1.00	.51				
25Z5	K1053	1.10	.56				
26	K1054	.70	.34				
27	K1055	.80	.39				
30	K1056	.80	.39				
31	K1057	.80	.39				
32	K1058	1.35	.71				
33	K1059	1.10	.56				
34	K1060	1.35	.71				
35 51	K1061	1.00	.51				
36	K1062	1.00	.51				
37	K1063	.80	.39				
38	K1064	1.00	.51				
39/44	K1065	1.00	.51				

## SYLVANIA Octal Base Glass Tubes

Ideal in electrical characteristics and base connections to the new all-metal tubes, but with glass envelope. Interchangeable with all metal tubes having corresponding type numbers.



Type Number	Stock Number	List Price	Your Price
1C7G	K1170	\$1.85	\$1.00
1D5G	K1171	1.85	1.00
1D7G	K1172	1.60	.85
1E5G	K1173	1.60	.85
1E7G	K1174	1.60	.85
1F5G	K1175	2.35	1.28
1F7G	K1176	1.85	1.00
1H4G	K1177	1.10	.56
1H6G	K1178	1.60	.85
1H7G	K1179	1.35	.71
5V4G	K1180	1.85	1.00
5X4G	K1181	1.35	.71
5Y3G	K1182	1.10	.56
5Y4G	K1183	1.10	.56
6A8G	K1184	1.60	.85
6B4G	K1185	1.85	1.00
6C5G	K1186	1.10	.56
6F5G	K1187	1.10	.56
6F6G	K1188	1.35	.71
6H6G	K1189	1.10	.56
6J5G	K1190	1.10	.56
6J7G	K1191	1.35	.71
6K5G	K1192	1.35	.71
6K6G	K1193	1.35	.71
6K7G	K1194	1.35	.71
6L6G	K1195	2.10	1.14
6L7G	K1196	1.60	.85
6N6G	K1197	2.50	1.37
6N7G	K1198	1.60	.85
6Q6G	K1199	1.35	.71
6R7G	K1200	1.35	.71
6X5G	K1201	1.35	.71
25A6G	K1202	1.35	.71
25Z6G	K1203	1.35	.71

## Spartan Types

182-B	K1120	\$1.65	\$0.94
183	K1121	1.65	.94
485	K1122	1.45	.83

## Majestic Types

2A7S	K1123	\$2.80	\$1.31
2B7S	K1124	2.10	1.20
2S 4S	K1125	2.65	1.51
2Z2 G84	K1126	1.85	1.05
6A7S	K1127	2.30	1.31
6B7S	K1128	2.10	1.20
6C7	K1129	1.90	1.08
6D7	K1130	1.75	1.00
6E7	K1131	1.75	1.00
6F7S	K1132	1.90	1.08
6Y5	K1133	1.90	1.08
6Z4(84)	K1094	1.35	.71
6Z5	K1134	1.90	1.08
24S	K1135	1.30	.74
2S 25S	K1136	2.70	1.56
27S	K1137	.80	.46
35S 51S	K1138	1.40	.80
55S	K1139	1.70	.97
56AS	K1140	1.30	.74
56S	K1141	1.30	.74
57AS	K1142	1.75	1.00
57S	K1143	1.75	1.00
58AS	K1144	1.75	1.00
58S	K1145	1.75	1.00
75S	K1146	1.70	.97
85AS	K1147	1.70	.97

## SYLVANIA All Metal Tubes



5W4	K1279	\$1.10	\$0.56
5Z4	K1280	1.35	.71
6A8	K1281	1.35	.71
6C5	K1282	1.10	.56
6F5	K1283	1.10	.56
6H6	K1284	1.10	.56
6H6	K1285	1.10	.56
6J7	K1286	1.35	.71
6K7	K1287	1.35	.71
6L6	K1288	2.10	1.14
6L7	K1289	1.60	.85
6N7	K1290	1.60	.85
6Q7	K1291	1.35	.71
6R7	K1292	1.35	.71
6X5	K1293	1.35	.71
25A6	K1294	1.60	.85
25Z6	K1295	1.35	.71

As new types of All Metal Tubes are placed on the market, Radolek will promptly have them in stock for you.

# Radolek TUBE CHART

With Bias Resistor Data and Total Power Consumption of all standard Receiving Set Tubes.

See Explanatory Note, Bottom of Page VI

Bottom View of Sockets	Tube Circuit Diagram	Type	List	Purpose	Filament Volts	Filament Amps.	Plate Volts	Plate Milliamps	Screen Volts Max.	Screen Milliamps	Neg. Grid Bias V.	Recommended Ohms Bias Resistor	Amplification Factor and D. P. Gain	Recommended Ohms Plate Load A. C. Pure Res.	Power Output Milliwatts	Max. Power Consumption In Watts	
		401 403 373	\$4.00	Kellog O'v'head Heater Triode	3 A. C.	1	180	6			-13.5	2250 1/2 Watt	8.7 14.3	14000 7000		4	
		482B	1.65	Sparton P-P A. F. Triode	5 A. C.	1.25	250	18			-32.5	1805 4 Watt	5 11.5	4500 2850	1400	10.8	
		483	1.65	Sparton P-P A. F. Triode	5 A. C.	1.35	250	25.3			-40.5	1580 2 Watt	3.3 8.5	3900 1950	1600	14.1	
		483	1.45	Sparton Triode Quick Heater Replacing 484	3 A. C.	1.25	90	5			-3	600 1/2 Watt	12.5 28			4	
		486	4.10	Sparton Special Triode	3 D. C.	.25	90	3			-3	1000 1/2 Watt	12.5 16.9	4000		1	
		586	4.00	Sparton Pwr. Output Same as 58	7.5 A. C.	1.25	450	65			-80	1450 10 Watt	3.8 9.6	4350 1800	4600	34	
		864	2.10	For Portable Oscillator and Preampifiers	1.1 D. C.	.25	135	3.5			-9	2575 or "C" Batt.	8.2 14			.75	
		950	2.20	Power Amplifier Pentode	2.0 D. C.	0.12	135	7	135	2	-16.5	2000 1/2 Watt		13,500	450	1.2	
		AE		Tetrode Hi-Mu Output	12.6 A. C. D. C.	0.3	100	8.5	100	1.75	-13.5	1330 1 Watt	20 28.1	13500 81000	400	4.5	
		GA	2.75	Arcturus Special Pentode	5 A. C. D. C.	.25	180	25	180	7.5	-10	307 1 Watt	60 36.6	7000 48000	800	7.1	
		KR5		Kenrad Pwr. Output Pentode	6.3 A. C. D. C.	0.3	165	17	165	3.5	-11	537 2 Watt	100 40	8000 48000	1200	5.3	
		KR20	3.00	AVC Detector	2.5 A. C.	1	250	3.5					14 25	.1 Meg .1 Meg		3.4	
		KR22	2.00	AVC Detector	6.3 A. C. D. C.	0.4	250	3.5					14 25	.1 Meg .1 Meg		3.4	
		KR25		Pentode Output	2.5 A. C.	1.75	250	34	250	6.5	-16.5	407 4 Watt	220 46.9	9000 54000	3000	14.5	
		LA	2.75	Pwr. Pentode Substitute 6A4	6.3 A. C. D. C.	0.3	165	17	165	3.5	-11	470 2 Watt	100 40	8000 50000	1200	5.3	
		PZ	1.30	Arcturus Number for Type 47	2.5 A. C.	1.5	250	32.5	250	7.2	-16.5	410 4 Watt	95 39.6	7000 35000	3000	13.8	
		PZH	1.60	Arcturus Number for Type 2A5	2.5 A. C. D. C.	2	250	33.5	250	8	-16.5	400 5 Watt	100 40	7000 35000	3500	15.5	
		WD11	1.25	Early Batt. Sets	1.1 D. C.	.25	135	3			-9	"C" Batt.	6.5 16.3			.68	
		WX12	1.25	Gen. Purpose Triode Sub. 864	1.1 D. C.	.25	135	3			-9	"C" Batt.	6.6 16.4			.68	
		WUN	3.00	Twin Grid AVC. Det.	2.5 A. C. D. C.	1	250	7			-16.5	2360 1/2 Watt	9.25 14.4		18000	4.25	
		WUNA	3.00	For Auto Sets	6.3 A. C. D. C.	0.4	250	7			-16.5	2360 1/2 Watt	9.25 14.4		18000	4.25	
		1A4	1.60	Tetrode R. F.-I. F. Amp.	2.0 D. C.	.06	180	2.3	67	.7	-3	1000 watt 1/2	720 57	980000		.58	
		1A6	1.35	Mixer-Osc. Same as 15	2 D. C.	0.06	180	1.3	67.5 Anode 135	2.4 Grid #2 2.3	-3	1037 1/4 Watt				.67	
		1B4	1.60	Based Detector R. F. Amplifier	2.0 D. C.	0.06	180	1.7	67	.4	-3	1500 1/2 Watt	780 36			1.8 Meg.	.45
		1B5	1.35	Det. Amp. Duplex Diode Triode	2.0 D. C.	.06	135	.8			-3	3750 1/2 watt	20 20	35000		.23	
		1C6	1.60	Heptode Converter	2 D. C.	.13	180	2.8	67.5	0.1	-3			750000		.67	
		1F4	2.20	Pentode Output	2 D. C.	.12	135	.8	135	2.6	-4.5		340	16,000 200,000	340	1.6	
		1F6	1.60	Duo-Diode Pentode	2 D. C.	.06	180	2	67.5	.6	-1		650			1 Meg.	.5
		2A3	1.35	Multi. Filament Class "A"	2.5 A. C.	2.5	250 300	60 40			Push-Pull With Independent Fixed Bias. P-P Output	-45 -62	750 10 Watt	4.2 10	2500 5000 3000	3500 10000 15000	21.3

# PHILCO QUALITY RADIO TUBES

## Latest Design—More Efficient Consume Less Current—And Last Longer

50,000,000 PHILCO Tubes are needed to put the 18,000,000 radios, now in use, in perfect condition this year! The market is tremendous. PHILCO Tubes are of the very latest type, design and construction. Scientifically engineered, precision built, and subjected to 100% thorough tests in every stage of their manufacture. PHILCO tubes furnish long, dependable and economical service. The line is COMPLETE—concentrate on PHILCO TUBES. Make EXTRA PROFIT, in addition to sales of radio sets.

Nationally advertised for replacement in all radio receivers and for replacement in over 5,000,000 PHILCO Receivers in use throughout the United States.

Radio Dealers and Servicemen keep your stock of PHILCO Tubes complete. Order a stock of all the popular types now. Take advantage of the many merchandise offers on this page. A complete line of PHILCO Test Apparatus is listed in your PHILCO-RADOLEK Parts Catalog. If you do not have your copy of this book request one on your order.



### PHILCO Manual



Every Serviceman Needs This Manual!

The manual contains wiring diagrams, pictorial diagrams, parts lists, and essential service data on every Philco home receiver and auto set ever manufactured. Also includes the 1936 models of Philco S-1's. Service information on new models of Philco receivers not yet announced will be forwarded by Philco from time to time to all purchasers of this manual. High-quality handsome black leatherette loose leaf binder. Size: 10x11 1/2".  
K12480—YOUR PRICE..... \$1.00

K12480—With Order for 15 Philco tubes.  
YOUR PRICE..... 50c

### Triad 6B5



Power Amplifier  
6.3 Volt Filament  
K1820—  
List, \$2.25.  
17  
YOUR PRICE \$1.05

Combines advantages of Class A and Class B Amplifier in one tube. Normally delivers 10 watts a audio output in push-pull circuit with 300 volts on plate or 20 watts with increased plate voltage. 6 prong base.

### Triad 2B6

2.5 Volt Power Amplifier

K1821—List, \$2.50.  
YOUR PRICE..... \$1.19

Six watts of Audio Output may be secured from a single 2B6 or 15 to 18 watts from two in Push Pull with 400 volts on plates. Large seven prong base.

### Standard Base Glass Tubes

Type Num.	Stock Number	List Price	Your Price	Type Num.	Stock Number	List Price	Your Price
01A	K1550	\$0.60	\$0.29	26	K1595	\$0.60	\$0.29
1A1	K1551	.90	.44	27	K1596	.70	.34
1A4	K1552	1.50	.74	30	K1597	.70	.34
1A6	K1553	1.25	.62	31	K1598	.70	.34
1B4	K1554	1.75	.85	32	K1599	1.25	.62
1B5/25S	K1555	1.25	.62	33	K1600	1.00	.49
1C1	K1556	.90	.44	34	K1601	1.25	.62
1C6	K1557	1.50	.74	35/51	K1602	.90	.44
1D1	K1558	1.00	.49	36	K1603	.90	.44
1F1	K1559	1.00	.49	37	K1604	.70	.34
1F4	K1560	2.00	.98	38	K1605	.90	.44
1X1	K1561	1.00	.49	39 44	K1606	.90	.44
1Y1	K1562	1.00	.49	40	K1607	.70	.34
1V	K1563	.90	.44	41	K1608	.90	.44
2	K1564	.90	.44	42	K1609	1.00	.49
2A3	K1565	1.25	.61	43	K1610	1.00	.49
2A5	K1566	1.00	.49	45	K1611	.70	.34
2A6	K1567	1.00	.49	46	K1612	1.00	.49
2A7	K1568	1.25	.62	47	K1613	.90	.44
2B7	K1569	1.25	.62	48	K1614	2.50	1.23
4	K1570	.90	.44	49	K1615	1.00	.49
5	K1571	1.00	.49	50	K1616	2.50	1.23
5Z3	K1572	.90	.44	53	K1617	1.25	.62
6	K1573	1.00	.49	54	K1618	1.00	.49
6A3	K1574	1.50	.74	56	K1619	.70	.34
6A4	K1575	1.25	.61	57	K1620	.90	.44
6A6	K1576	1.25	.61	58	K1621	.90	.44
6A7	K1577	1.25	.62	59	K1622	1.25	.62
6B7	K1578	1.25	.62	71A	K1623	.70	.34
6C6	K1579	1.00	.49	75	K1624	1.00	.49
6D6	K1580	.90	.44	76	K1625	.70	.34
6F7	K1581	1.50	.74	77	K1626	1.00	.49
9	K1582	1.00	.49	78	K1627	1.00	.49
10	K1583	2.00	.98	79	K1628	1.25	.62
12A	K1584	.70	.34	80	K1629	.60	.29
12A5	K1585	2.00	.98	81	K1630	2.00	.98
12A7	K1586	2.00	.98	82	K1631	.90	.44
12Z3	K1587	1.00	.49	83	K1632	.90	.44
14	K1588	1.50	.74	84	K1633	1.25	.62
15	K1589	1.50	.74	85	K1634	1.00	.49
17	K1590	1.50	.74	89	K1635	1.00	.49
19	K1591	1.00	.49	X99	K1636	1.00	.49
22	K1592	1.25	.61	182B	K1637	\$1.50	\$0.74
24A	K1593	.90	.44	183	K1638	1.50	.74
25Z5	K1594	1.00	.49	485	K1639	1.50	.74

### SPARTON TYPES

Deduct An Additional 10% Disc. on Orders for 25 or More Tubes

### Philco "G" Type Tubes Octal Base Glass Tubes

Identical in electrical characteristics and base connections to the new all-metal tubes, but with glass envelope. Interchangeable with metal tubes having corresponding type numbers.



Type Num.	Stock Number	List Price	Your Price
1C7G	K1675	\$1.75	\$0.85
1D5G	K1676	1.75	.85
1D7G	K1677	1.50	.74
1E5G	K1678	1.50	.74
1E7G	K1679	1.50	.74
1F7G	K1680	1.75	.85
1H4G	K1681	1.00	.49
1H6G	K1682	1.50	.74
1J6G	K1683	1.25	.62
5V4G	K1684	1.50	.74
5X4G	K1685	1.25	.62
5Y4G	K1686	1.00	.49
6A8G	K1687	1.50	.74
6B4G	K1688	1.75	.85
6B8G	K1689	1.50	.74
6F6G	K1690	1.25	.62
6H6G	K1691	1.00	.49
6J5G	K1692	1.00	.49
6J7G	K1693	1.25	.62
6K5G	K1694	1.25	.62
6K6G	K1695	1.25	.62
6K7G	K1696	1.25	.62
6L7G	K1697	1.50	.74
6N7G	K1698	1.50	.74
6Q7G	K1699	1.25	.62
6R7G	K1700	1.25	.62
25A6G	K1701	1.25	.62
25Z6G	K1702	1.25	.62
25B6G	K1703	1.50	.74

### Philco All Metal Tubes



Type Num.	Stock Number	List Price	Your Price
5Z4	K1750	\$1.25	\$0.74
6A8	K1751	1.25	.62
6C5	K1752	1.00	.59
6F5	K1753	1.00	.59
6F6	K1754	1.00	.59
6H6	K1755	1.00	.59
6J7	K1756	1.25	.74
6K7	K1757	1.25	.74
6L6	K1758	2.00	1.18
6L7	K1759	1.50	.88
6N7	K1760	1.50	.88
6Q7	K1761	1.25	.74
6R7	K1762	1.25	.74
6X5	K1763	1.25	.74
25A6	K1764	1.50	.88
25Z6	K1765	1.25	.74

### D & S Tube Manual

Contains all essential Sales and Service Tube Information on every Receiving and Ballast Type Tube ever used in receiving sets, 250 of them with all essential information—base diagrams—characteristics—substitution data, and a tube index that alone is worth the price. Tells how to substitute newer type tubes for other types. As new tubes appear owners of this manual can secure data on them. 200 loose-leaf pages, 8 1/2 x 11.

K1815—YOUR PRICE..... \$1.50

### Tube Base Diagram Wall Chart

Tack this Handy Chart over your Service Bench. Readable at a distance of 6 feet. Size: 4 feet long, 1 1/2 feet high. It's complete—over 300 types included—YOUR PRICE..... 25c



See Explanatory Note, Bottom of Page VI

Bottom View of Sockets	Tube Circuit Diagram	Type	List	Purpose	Filament Volts	Filament Amps.	Plate Volts	Plate Milliamps	Screen Volts Max.	Screen Milliamps	Neg. Grid Bias V.	Recommended Ohms Bias Resistor	Amplification Factor and <i>D, B, Gain</i>	Recommended Ohms Plate Load A. C. Plate Res.	Power Output Milliwatts	Max Power Consumption in Watts
		2A5	\$1.10	Pentode Output Same as 95 and PZH	2.5 A. C.	1.75	250	34	250	6.5	-16.5	407 4 Watt	220 58	7000 1 Meg.	3000	14.5
		2A6	1.10	Double Diode Hi-Mu Triode	2.5 A. C. D. C.	0.8	250	0.8			-2	2500 1/2 Watt	60 88			2.2
		2A7	1.35	Mixer. Osc. Converter	2.5 A. C. D. C.	0.8	250	3.5	100 Anode 200 Grid #2	2.2 4	-3	300 1/2 Watt		360000		3
		2B4	2.50	Double A-F Amp. Values for Output Sec.	2.5 A. C.	2.25	350	45			-24 +2.5	8000 540 1/2 & 5 W.	26.4 29	5000 11000	5000	21.4
		2B7	1.35	AVC Duo-Diode Pentode	2.5 A. C. D. C.	0.8	250	9	125	2.3	-3	266 1/2 Watt	730 37	650000		4.5
		2E5	1.60	Tuning Indicator	2.5 A. C.	.8	250	.25	250 (Tar.)	4.5	-8					3.2
		6A3	1.60	Power Amplifier Triode	6.3 A. C. D. C.	0.8	250 300	60 40	Single Push-Pull With Independ. Fixed		-45 -62	750 10 Watt 500 3000	4.2 4.2	2500 10000 15000	3500 10000 15000	20
		6A4	1.35	Pentode Pwr. Output Same as LA	6.3 A. C. D. C.	0.3	180	22	180	3.9	-12	463 2 Watt	100 34	8000 45500	1400	6.6
		6A6	1.35	Class B Power Amplifier Class A Driver	6.3 A. C. D. C.	0.8	300	125	per plate	0	0	0 per plate	10000	10000	42.6	
		6A7	1.35	Mixer Oscillator	6.3 A. C. D. C.	0.3	250	3.5	100 Anode 200 Grid #2	2.2 4	-3	525 1/2 Watt	35	360000		3
		6B5	2.25	Single Power Amplifier Push-Pull	6.3 A. C. D. C.	0.8	300 440	45	per plate		0 13	0 plate to plate		7000 10000	Sgle. 4 P. P. 10 20	18.5 25 per Tube
		6B7	1.35	Diode Pentode	6.3 A. C. D. C.	0.3	250	9	125	2.3	-3	265 1/2 Watt	730 37	650000		4.4
		6C6	1.10	Var-Mu R. F. Pentode	6.3 A. C. D. C.	0.3	250	2.3	100	1	-3	910 1/2 Watt	1500 48	1.8 Meg.		2.5
		6D6	1.00	Var. Mu R. F. Pentode	6.3 A. C. D. C.	0.3	250	7.5	100	1.75	-3	324 1/2 Watt	1280 41	8000000		4
		6E5	1.60	Tuning Indicator	6.3 A. C. D. C.	.3	250	.25	250 (Tar.)	4.5	-8					3
		6E6	1.70	Twin Triode Power Amp.	6.3 A. C. D. C.	.6	250	36			27.5	770 1 watt	6 18	1400 1750	600	12.8
		6F7	1.60	Mixer. Osc. Triode Pentode	6.3 A. C. D. C.	0.3	250	6.5	100	1.5	-3	375 1/2 Watt	900 68	850000		3.7
		6N5	1.85	Tuning Indicator	6.3 A. C. D. C.	.15	135	.5	135 (Tar.)		-12					1
		12A5	2.10	Double Heater Pentode	12.6 A. C. D. C.	0.3	180	40	180	9	-27	551 5 Watt		4500	2800	12.6
		12A7	2.20	Power Pentode & Rect. Rectifier	12.6 A. C. D. C.	.3	135 125	9 30	135 (Max.)	2	-13.5		100	13,500 103,000	550	5

## OCTAL BASE TUBES [Metal and Glass]

		1C7G	\$1.85	Pentagrid Converter	2 D. C.	.12	180	1.5	67.5	2.3	3 (Det. Grid) Cath. Cur. 9 Ma.		.8 Meg.		1.9
		1D5G	1.85	Super Control R. F. Amplifier	2 D. C.	.06	180	2.3	67.5	.7	3	525	.75 Meg.		.7
		1D7G	1.60	Pentagrid Converter	2 D. C.	.06	180	1.5	67.5	2	3 (Det. Grid) Cath. Cur. 5 Ma.		.5 Meg.		1.1
		1E5G	1.60	Screen Grid R. F. Amplifier	2 D. C.	.06	180	1.7	67.5	.4	3	650	.1 Meg.		.5
		1E7G	1.60	Twin Power Output Pentodes	2 D. C.	.24	135	16	135	5.2	4.5		.680		3.2
		1F5G	2.50	Power Output Pentode	2 D. C.	.12	135	8	135	2.6	4.5	340	16,000 .2 Meg.	.340	1.6
		1F7G		Duo-Diode Pentode	2 D. C.	.06	180	2	67.5	.6	1	650	1 Meg.		.5
		1H4G	1.10	Detector Amplifier	2 D. C.	.06	135 180	3 3.1			9 13.5	9.3	10,300		.53 .68

# Radolek TUBE CHART [OCTAL BASE TUBES]

See Explanatory Note, Bottom of Page VI

Bottom View of Sockets	Tube Circuit Diagram	Type	List	Purpose	Filament Volts	Filament Amps.	Plate Volts	Plate Milliamps	Screen Volts Max.	Screen Milliamps	Neg. Grid Bias V.	Recommended Ohms Bias Resistor	Amplification Factor and D. B. Gain	Recommended Ohms Plate Load A. C. Plate Res.	Power Output Milliwatts	Max. Power Consumption in Watts
		1HG6	\$1.60	Double Diode Triode	2 D. C.	.06	135	.8			3		20	35,000		.23
		1J6G	1.35	P. P. Class B Amplifier	2 D. C.	.24	135	27			0			10,000	2.1	8.2
		6A8	1.35	Pentagrid Converter	6.3 A. C. D. C.	.3	250	3	100	3.2	3	300 1/4 watt		.5 meg.		4.3
		6A8G	1.60													
		6B4G	1.85	Triode Power Amplifier	6.3 A. C. D. C.	1.	250	60			45		4.2	2500 800	3.2	21
		6BE6	1.50	Double Diode Triode	6.3 A. C. D. C.	.3	250	1			2	2000 1/4 watt	100	91,000		2.
		6BG6														
		6B8		Double Diode Pentode	6.3 A. C. D. C.	.3	250	10	125	2.3	3		800	.6 meg.		4.6
		6C5	1.10	Super Triode Amplifier	6.3 A. C. D. C.	.3	250	8			8		20 16	10,000		3.8
		6C5G	1.10													
		6DB8	2.10	Pentagrid Converter	6.3 A. C. D. C.	.15	250				3 (Det. Grid) Cath. Cur. 13 ma.					3.4
		6F5	1.10	Hi Mu Triode	6.3 A. C. D. C.	.3	250	1.1			2	2000 1/4 watt	100	66,000		2.2
		6F5G	1.10													
		6F6	1.10	Power Amplifier Class A Pentode	6.3 A. C. D. C.	.7	250	34	250	6.5	16.5	400 1 watt	185	7,000 75,000	3	14.7
		6F6G	1.35													
		6H6	1.10	Double Diode Detector	6.3 A. C. D. C.	.3	100 RMS	2 MAX								
		6H6G	1.10													
		6J5G	1.10	Triode Amplifier	6.3 A. C. D. C.	.3	250	5			13.5	2500 1/4 watt	13.8	9500		2.1
		6J7	1.35	Triple Grid Det. & Amp.	6.3 A. C. D. C.	.3	250	2	100	.5	3	1200 1/4 watt	1500	1.6 megs.		2.6
		6J7G	1.35													
		6K5G	1.35	High Mu Triode	6.3 A. C. D. C.	.3	100 250	.035 1.1			1.5 3		70	78,000 60,000		1.9 2.1
		6K6G	1.35	Pentode Power Amplifier	6.3 A. C. D. C.	.4	250	32	250	5.5	18	500 1 watt	150	7,600 68,000	3.4	13
		6K7	1.35	Triple Grid Super Control Amplifier	6.3 A. C. D. C.	.3	250	7.	100	1.7	3	350 1/4 watt	1160	800,000		3.9
		6K7G	1.35													
		6L5G	2.10	Triode Amplifier	6.3 A. C. D. C.	.15	250	8			9	1150 1/4 watt	17			3.0
		6L6	2.20	Tetrode Power Amplifier	6.3 A. C. D. C.	.9	250	72	250	5	14		135	22,500		
		6L6G	2.20													
		6L7G	1.60	Pentagrid Converter	6.3 A. C. D. C.	.3	250	2.4	100	6.2	3 (Detector) 10 (Oscillator)			.1 meg.		3.2
		6L7G	1.60													
		6N6G	2.50	Direct Coupled Power Amp.	6.3 A. C. D. C.	.8	300 (P <sub>1</sub> )	42 42	300 (P <sub>1</sub> )	8	0		58	7,000 24,000		21.
		6N6-MG	2.50													
		6N7	1.60	P.P. Class B Amplifier	6.3 A. C. D. C.	.8	300				0			10,000	10	
		6N7G	1.60													
		6P7G	2.20	Pentode Triode	6.3 A. C. D. C.	.3	250 100	6.5 3.5	100	1.5	3 3		900 8.5	850,000 16,200		4.
		6Q6G	2.10	Single Diode Hi-Mu Triode	6.3 A. C. D. C.	.15	250	1.2			3	2000 1/4 watt	65			1.3
		6Q7	1.35	Double Diode Triode	6.3 A. C. D. C.	.3	100 RMS 250	2 MAX 1.1			3	3000 1/4 watt	70 80	58,000		2.0
		6Q7G	1.35													
		6R7	1.35	Double Diode Triode	6.3 A. C. D. C.	.3	100 RMS 250	2 MAX 9.5			9	1000 1/4 watt	16	8,500		4.1
		6R7G	1.35													
		6S7G	2.10	Super Control Amplifier	6.3 A. C. D. C.	.15	250	8.5	100	2	3	300 1/4 watt	1100			3.4
		25A6	1.60	Power Amplifier Pentode	25 A. C. D. C.	.3	180	40	135	8	20	420 1 watt	96 53	5,000 40,000	2.5	15.8
		25A6G	1.35													

## Octal Base Metal, Metal-Glass, and Glass Type Tubes

All tubes having octal bases and bearing the same type number regardless of the suffix "G" or "MG" are interchangeable. All electrical characteristics are identical; no circuit changes are necessary. "B" connection in socket diagrams represents shield connection for metal type tubes; this connection should be grounded so that when octal base metal tubes are used in place of octal glass types, the shield will be grounded. When using octal glass tubes, it is necessary to have form fitting tube shields so as to attain as

close as possible the same capacity characteristics of metal type tubes. It may be necessary to readjust or re-align all trimmers especially in the I.F. amplifier to compensate for the difference in capacity characteristics when replacing octal glass tubes with octal metal tubes or vice versa. Correct alignment will permit the tubes to operate at full efficiency and thus provide the advantage of replacing glass tubes with metal types.

Bottom View of Sockets	Tube Circuit Diagram	Type	List	Purpose	Filament Volts	Filament Amprs.	A. C. Plate Volts	Max. D.-C. Output in Milliamps	Full Power Consumption In Watts
		I & I-V	\$1.25 1.00	Half Wave M-V Rect. Hi-Vac Rect.	6.3	0.3	350	50	1.89
		80	.70	Full Wave M-V Rect.	5	2	350	125	10
		89M	1.55	Full Wave M-V Rect.	5	2	425	125	10
		81	2.10	Half Wave H-V Rect. M-V Rect.	7.5	1.25	700	85	9.4
		81M		Half Wave H-V Rect. M-V Rect.	7.5	1.25	700	85	9.4
		82	1.00	Full-Wave M-V Rect.	2.5	3	500	125	7.5
		83	1.00	Full-Wave M-V Rect. H-V Rect.	5	3	500	250	15
		5Z3	1.00	Full-Wave M-V Rect. H-V Rect.	5	3	500	250	15
		83V	1.00	Full-Wave H-V Rectifier	5	2	400	200	10
		84	1.35	Full-Wave M-V Rect.	6.3	.5	225	50	3.2
		6Z4		Full-Wave M-V Rect.	6.3	.5	225	50	3.2
		6Z3	1.25	Half-Wave Rectifier	6.3	0.3	350	60	1.89
		12Z3	1.10	Half Wave Rectifier	12.6	0.3	230	60	3.78
		12Z5	1.50	Full-Wave Rectifier Tapped Heater	12.6	0.3	225	60	3.78
		25Z5	1.10	Full-Wave Rectifier	25	0.3	125	100	7.5
		866	9.00	Half-Wave Rectifier	2.5	5	7500	600	12.5
		986	1.65	Full-Wave M.V. Rectifier	5	0.5	500	200	2.5
		AD	1.50	Rectifier For Auto Sets	6.3	0.3	350	50	1.89
		AF	1.80	Spec. Arcturus Rectifier	2.5	3	500	125	7.5
		AG	2.05	Spec. Arcturus Rectifier	2.5	3	500	250	7.5
		8A	7.50	Full Wave Gaseous Rectifier	0	0	350	350	0
		BH	4.65	Full Wave Gaseous Rectifier	0	0	350	125	0
		0Z3	1.35	Full Wave Gaseous Rectifier	0	0	350	75	0

## Octal Base Metal and Glass Rectifier Tubes

		0Z4	1.75	Full Wave Gaseous Rectifier	0	0	350	75	0
		5W4	1.10	Full Wave Rectifier	5	1.5	350	110	7.5
		5Y3G	1.10	Full Wave Rectifier	5	2	400	125	10.
		5X4G	1.35	Full Wave Rectifier	5	3.	500	250	15.
		5Y4	1.10	Full Wave Rectifier	5	2.	350	125	10.
		5V4G	1.85	Full Wave Rectifier	5	2.	400	125	10.
		6X5	2.00	Full Wave Rectifier	6.3	.6	350	75	3.78
		6X5G	1.35	Full Wave Rectifier	6.3	.6	350	75	3.78
		25Z6	2.00	Full Wave H-V Rect. & Doubler	25	.3	125	85	7.5
		25Z6G	1.35	Full Wave H-V Rect. & Doubler	25	.3	125	85	7.5

### EXPLANATORY NOTE for Radolek Tube Charts

Watt rating recommended for bias resistor values is high enough to carry the A.C. component of the plate circuit. All bias resistors should be bypassed by sufficient capacity to handle 75% of the A.C. component. Approximate total power consumption of tubes is given to aid Serv-

icemen in selecting the proper replacement power transformer according to the load the transformer must handle. Usually 15% extra is allowed for power consumed by voltage divider bleeder circuits. Radolek Transformers are rated in safe load capacities.

### Elkon 5,000 Hour "B" Rectifier



Replaces rectifier tube in "B" Eliminator. Dry, solid, rugged self healing. Just replace the fragile 1,000 hour tube with this sturdy 5,000 hour Elkon EBH and the change is made. Not affected by accidental surges or overloads. No adjustments required. Shpg. wt., 1/4 lb.

**K5000**—For "B" Eliminators using Raytheon BH Tube.  
List. \$6.00.  
**YOUR SPECIAL PRICE .. 79c**

### Genuine KELLOGG A. C. Tubes

K1834—Type 401.  
List. \$4.00.  
**YOUR PRICE ..... \$2.33**

K1835—Type 403.  
List. \$5.00.  
**YOUR PRICE ..... \$2.94**

### Kellogg McCoullough Type Tubes

K1836—Type 401 Tubes.  
List. \$4.00.  
**YOUR PRICE ..... \$1.56**



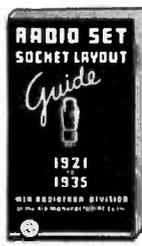
### New Revised R.C.A. Socket Layout Guide

256 Pages

Shows the names of tubes and the number of each used in practically every standard make and model of Radio Receiver now in use. Contains tube complements on all important sets made between 1921 and 1935 and socket layouts of those built since 1932. An indispensable reference book for every Radio Tube Counter and Service Shop.

K12466—**YOUR PRICE ..... 50c**

K12467—With or Set for 100 R.C.A. Radio Tubes. **Free**



### Permeability Coil Dope

Increases Inductance

K5723—**YOUR PRICE ..... 25c**

It is not necessary to increase coil turns for greater inductance. Apply coil dope to one end or one side of coil and the inductance will increase. Makes coil matching easier. Increases inductance of low coils or for matching odd coils. Dries quickly; just smear it on. Easily removed if too much is applied. Size of tube 3x3/4".



### Electric Sign

It Tells!  
It Sells!



Size 15" Wide 9" High 5" Deep

K16901—**YOUR PRICE ONLY ..... \$1.98**

Advertise! Let these attractive Signs tell the world YOU fix 'em. Your Service calls will increase—your PROFITS will increase—and your shop will be identified as radio headquarters in your locality. Customers won't flock to your shop if it is dark and unattractive. Brighten it up! Install an Electric Sign. Install One of These Signs. This sign tells every passerby the location of your business. A sales help you need. The greatest sign value of this type ever offered. Sturdily constructed of metal, enameled black with aluminum finished trim. Background on glass is black and the words "Radio Service" are in red "neon-effect". Interior illuminated by single lamp Economical to operate. Easily read from a great distance. Lamp socket and attaching cord included. No lamp bulb included.

# RADIO RANGER TESTERS

EXAMINER

## Model 540-740 All Wave Signal Generator and Volt-Ohm-Milliammeter



**K12388**—Complete Combination Signal Generator and Volt-Ohm-Milliammeter with tubes, batteries, test leads, instructions.  
List Price, \$60.00.  
YOUR PRICE ..... **\$35.28**

**K12389**—Additional calibrated coil for increasing range from 18,000 to 30,000 Kc.  
List Price, \$2.50. YOUR PRICE .... **\$1.47**

**A Complete Portable Laboratory**  
With this combination signal generator and volt-ohm-milliammeter it is possible to align and balance all radio circuits and to quickly analyze practically all radio troubles. Incorporates all improvements and advantages of present day engineering. **Speedy and accurate. Used to align**

**RF gang condensers, locate defective RF transformers, adjust IF transformers, check oscillator stage, compare gain in tubes, determine the sensitivity of radio receiving sets, make measurements of voltages, currents and resistances.**

### The Oscillator

A precision stabilized All-Wave plug-in coil type Signal Generator. Large full vision direct reading dial. Five frequency bands from 110 Kc. to 20 megacycles all on fundamentals. Guaranteed accuracy is less than 1% for broadcast and intermediate bands and less than 3% for short wave bands. Either modulated or unmodulated. A special frequency stabilized circuit employing a type 30 tube generates the r.f. oscillation, while a second type 30 tube generates a clear 400 cycle note. The small amount of current required is furnished by one 45 volt and three 1½ volt batteries. Individual shielding provided wherever critical shielding is required. Attenuation controlled by three out-put jacks and attenuator. Tuning and heterodyne furnished. Connecting wires and individual calibrated graphs on large size charts are included.

### The Volt-Ohm-Milliammeter

Employs a large 3" square Triplett precision meter. 1 m.a. D'Arsonval movement. Zero adjustment. Knife edge pointer. Meter Ranges: 0-10-50-250-500-1000 A.C. and D.C. volts at 1000 ohms resistance per volt, (A.C. accuracy 5%, D.C. 2%); 0-1-10-50-250 milliamperes; 0-300 ohms and 0-250,000 ohms. Low ohms scale indicates 25 ohms at midscale, giving good deflection down to ½ ohm. The ohmmeter rheostat is capable of taking care of 15 volts additional for resistance measurements up to 2.5 megohms. Jacks on front panel for external connections.

### Compact and Complete

Housed in a metal cabinet, with carrying handle. Size 11½"x7½"x4¼". All tubes, batteries, connecting cables and test leads are included.

## Model 640-740 Combination Free Point Tester and Volt-Ohm-Milliammeter

### The Speedy Trouble Shooter

A new combination, Volt-Ohm-Milliammeter and Free Point Tester. This practical trouble shooter provides point to point analysis of any receiver without removing chassis from cabinet. A great time and labor saver in making estimates and analysis in customer's home. Simply plug the free point tester analyzer plug into radio set tube socket and place tube from radio set in proper analyzer socket. Connections to each prong of the tube are available from the tip jacks on front panel of the test instrument, making point to point tests possible from any socket terminal to ground while radio set is operating—also provides an accurate tube check. This new tester is complete in all details and adaptable for every purpose in voltage, current or resistance testing, either by directly plugging into the receiver socket or by test prods. Tests all radio receiver circuits. Five sockets for handling any type glass, metal-glass or all metal tubes. Eight automatic switch type and ten single action jacks on panel.

### Universal A.C., D.C. Meter

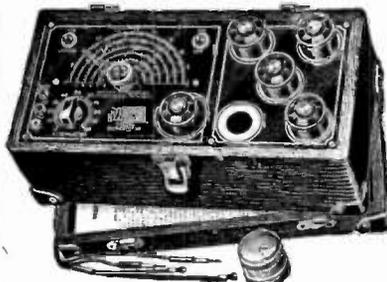
Square type Triplett precision meter is accurate within 2% on D.C. and within 5% on A.C. Especially calibrated scale readings: Volts, A.C. and D.C., 0-10-50-250-500-1000. Milliammeter, 0-1-10-50-250. Low Ohms, 0-300. High Ohms, 0-250,000. Low ohm scale indicates 25 ohm at midscale, giving good deflection down to ½ ohm. Ohms adjusting rheostat will handle up to 15 volts, which may be externally applied, permitting resistance reading up to 2.5 megohms. Simple to operate. Only three controls besides regular zero adjustment on meter. Zero adjusting rheostat for ohm readings; nine point scale selector switch; and A.C. to D.C. toggle switch.

### Quickly Locates Trouble

The versatility of this combination instrument is an absolute necessity to the serviceman for quickly locating radio troubles. Comes in sturdy metal case, 11½"x7½"x4¼". All cables, adapters, test leads, battery and full operating instructions included.



**K12390**—Complete Combination Free Point Tester and Volt-Ohm-Milliammeter.  
List Price, \$45.00.  
YOUR PRICE ..... **\$26.46**



**K12391**—Complete Signal Generator to tune from 110 to 20,000 Kc. Batteries, cables, tubes and instructions included.  
List Price, \$30.00.  
YOUR PRICE ..... **\$17.64**

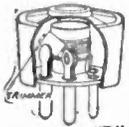
**K12389**—Additional calibrated coil for increasing range from 20,000 to 30,000 Kc.  
YOUR PRICE ..... **\$1.47**

## Model 557 All Wave Signal Generator Continuously Variable from 110 Kc to 20 Mc.

**ALL-WAVE DIRECT READING CONTINUOUSLY VARIABLE**—covers from 110 Kc. to 20 Mc. all on fundamental frequencies. (No harmonics). An additional calibrated plug-in coil for increasing range from 20,000 to 30,000 Kc. is available separately. Large full vision direct reading dial. Translucent dial pointer.

**"BAND-SPREAD" TUNING SECURED BY USE OF FIVE PLUG-IN COILS**—assures ample spacing of all frequency calibrations on dial for accurate setting, an invaluable feature on superheterodyne alignment.

**IMPROVED PLUG-IN COILS**—all band switching arrangements eliminated. All losses due to band selector switches (losses in switch contacts and grid leads) have been avoided. Each of the five coils supplied is calibrated by an exclusive method of peaking with trimmer condensers built as an integral part of each coil.  
Coil "A" covers 110 to 295 Kc.;  
"B" 275 to 840 Kc.; "C" 820 to 2800 Kc.; "D" 2500 to 8500; "E" 8000 to 20,000 Kc.



**GUARANTEED ACCURACY AND STABILITY**—A frequency accuracy of 1% for Broadcast and Intermediate bands and less than 3% for Short Wave bands. The circuit employed, with separate radio and audio generator stages, is free from frequency shift due to output attenuation or battery voltage.

**OTHER FEATURES**—Completely shielded from static and magnetic fields. Effective attenuation and stability together with strong signal strength either modulated or unmodulated are outstanding features and make this instrument an outstanding value.

**CONTROLS**—main tuning control is in center of front panel. Switches on either side control tube filaments and audio modulation. Attenuation control and minimum. Maximum and ground jacks arranged across lower left section on front panel.

**TUBES and BATTERIES**—supplied complete with two type 30 laboratory tested aged tubes and all batteries.

**DIMENSIONS**—5½" high, 12" long and 6½" deep. The instrument is housed in an all metal case and placed in a fabric-covered carrying case.

## Model 735 D.C. Volt-Ohm-Milliammeter Handy Pocket-Size Sensitive and Accurate Meter

An actual pocket-size, professional volt-ohm-milliammeter. Uses to which this versatile instrument can be put are almost unlimited: Checks plate, grid, screen, suppressor, battery, D.C. filament, drop across resistors, chokes, field coils, bleeder, electrolytic condenser leakage, etc. Eight most used volt-ohm-milliammeter ranges brought separately to plug-in racks by means of selector switch. Scale Readings: D.C. Volt Ranges, 0-15-150-750; Milliamperes Ranges, 0-1-5-15-150; Ohms Ranges, 0.5-1000 low ohms, 0-100,000 high ohms. With external battery will measure up to 2.5 megohms. Universal zero adjustment for all ranges and separate zero adjustment for ohm scales to compensate for battery deterioration. All the advantages of the larger instruments, plus compactness. Easy to read markings on panel.

This test instrument is accurate within 2%. Equipped with a Triplett D'Arsonval movement precision type 0-1 milliammeter. Accurately calibrated easily readable scale. Knife edge pointer. Four plug-in jacks bring meter ranges to convenient point on panel. Sturdy compact molded bakelite case is 3½"x3½"x2½". 1.5 volt battery supplies current necessary for operation of ohm meter. Battery accessible for replacement by removing screws from corners of panel and lifting panel from case. Test leads plug into jacks on instrument panel and opposite ends are provided with alligator clips. Panel attractively finished in black with silver markings. The handy size of this instrument plus all the meter ranges it provides adapts it perfectly to home service work and as an extra utility instrument in the shop.

**K12392**—Volt-Ohm-Milliammeter complete with 1.5 Volt unit-cell, test leads, and instructions.  
List Price, \$18.00.  
YOUR PRICE ..... **\$10.58**



# SUPREME INSTRUMENTS

## New 1937 Engineering Developments

### Easy Time Payment Plan for Radolek Customers

You can now purchase all the Supreme Instruments you need on the Radolek-Supreme new easy time payment plan. It is no longer necessary to wait until you can pay all cash. Just a small down payment and a few dollars each month. There is no red tape. Fill out the time payment application blank which is enclosed with this catalog and mail to Radolek with your down payment. You can buy one instrument or several.

Thousands of Radolek's customers have taken advantage of this opportunity. Don't struggle along with poorly designed or obsolete equipment. Order what you need now and let the new instruments help you do better work and earn more money. You can easily make the new equipment pay for itself out of increased income. Know the pleasure of working with modern, precision instruments. Mail the blank NOW.

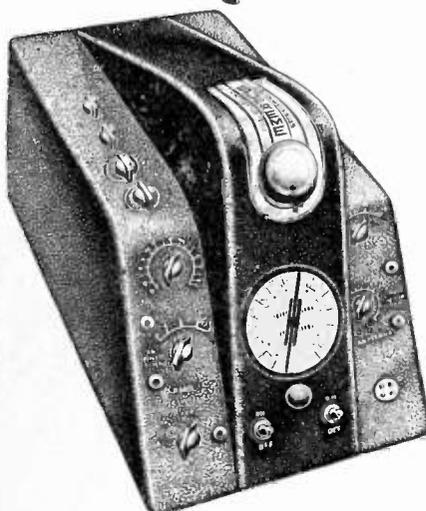
## Supreme Model 555 Diagnosticscope

**Combines Cathode Ray Oscilloscope, Frequency Modulated RF Signal Generator and Beat Frequency Audio Oscillator**

**10 Tubes—Newest Design—Completely AC Operated**

**For the Modern Serviceman**

**One Complete Instrument**



Every up-to-date serviceman realizes that he must purchase complete cathode ray equipment if he is to remain at the top of his profession and be able to service the new modern receivers in a satisfactory manner. You have probably been considering the purchase of this type of instrument, but have hesitated because you were confused as to which instruments were best suited for your purpose and were in doubt as to how many of the instruments were actually necessary for a complete servicing installation. Supreme has solved your problem by combining in one instrument all of the equipment necessary for modern up-to-date cathode ray service work and in addition offers you convenient time payment terms so that you may purchase this instrument now without waiting until you are ready to pay all cash.

The Diagnosticscope is actually four instruments in one. It includes a complete oscilloscope, an AC operated Signal Generator covering all wave bands, a "wobbler" and an adjustable audio oscillator. Without these four instruments, no cathode ray installation is complete. It is certainly much more convenient to have all instruments in one unit, thus requiring less space and with less possibility of confusion. Many new features are found in the new diagnosticscope which are explained in greater detail below. The entire instrument is housed in a beautifully designed, streamlined metal case with all controls arranged in convenient positions. The screen of the cathode ray tube is at a convenient height and at the proper angle, and the entire instrument has been designed to be easy to understand and operate. Supplied in a streamlined metal case size: 16"x24"x28".

**K12410—Supreme Model 555 Diagnosticscope.**  
Complete with type 906 Cathode Ray Tube 1-885,  
1-879, 1-80, 1-6A7, 1-6F7, 1-84, 1-76, 2-57 tubes  
and full operating instructions.

**\$144<sup>99</sup>**

**YOUR CASH PRICE**

Or \$15.00 Down and \$12.05 Monthly for 12 Months

### The Oscilloscope:

The oscilloscope circuit used in the Diagnosticscope, includes all the latest developments in this field. The three inch cathode ray tube is operated directly from the AC line from the built in power supply and is equipped with amplifiers for both the vertical and horizontal plate. Input resistance to the deflecting plate circuits has been maintained at a high level of approximately 500,000 ohms, and input capacity has been held to a low minimum of approximately 20 mmf. Maximum input voltage 800 volts. The amplifiers have a gain of approximately 4 and a flat frequency response curve from 20 to 90,000 cycles with graduated gain controls for making comparative tests. An electronic sweep circuit employing a type 8A5 gas-discharge tube insures a really linear characteristic between 7 cycles and 20,000 cycles per second and is automatically synchronized with the output of the modulated signal generator for study of resonance and fidelity curves. A transparent celluloid screen calibrated in kilocycles "off resonance" is provided so that receiver performance can be directly calibrated from the cathode ray tube. See description of model 545 on next page for a practically complete technical description of this fine oscilloscope.

### The Signal Generator

The signal generator circuits used in the Diagnosticscope employ an electron coupled oscillator circuit covering all frequencies between 90 kilocycles and 20 megacycles by means of fundamentals with provisions for use of harmonics up to 60 megacycles. A large four inch airplane type dial is used to tune the signal generator, and a band selector switch selects any one of the five bands. A dual ladder type attenuator varies the output from maximum to less than  $\frac{1}{10}$  microvolt without detuning effect. The output of the signal generator is automatically frequency modulated by means of an electronic wobbler circuit described elsewhere on this page so that a double image is described on the screen of the cathode ray tube at any intermediate, broadcast or short wave frequency. A separate oscillator circuit modulates the output of the signal generator 30% at 400 cycles per second. This 400 cycle signal is also available for external use through pin jacks on the panel. The output of the signal generator is automatically synchronized with the sweep circuit of the oscilloscope and means are provided for external or internal synchronization of the wave form under study with the saw tooth oscillator circuit. Truly an advanced modern instrument for servicing.

### The Audio-Frequency Oscillator

The Diagnosticscope also includes a complete built-in audio oscillator covering a range of 50 to 10,000 cycles, the output of which is adjustable throughout its entire range by means of a graduated control on the panel. This audio signal has a harmonic content less than 3% and will enable you to make a thorough study of the audio frequency performance of the receiver under test as well as to service public address amplifier circuits and theater sound equipment. Every up-to-date service shop needs a modern audio oscillator for servicing modern sets.

### The Electronic Wobbler

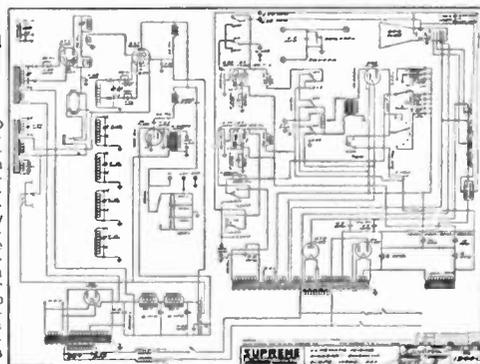
The Diagnosticscope includes a built-in electronic wobbler circuit which automatically frequency modulates the output of the signal generator so that the resultant output is modulated at a constant band width of 24 kilocycles over the entire range of the signal generator. This makes possible a true study of selectivity and fidelity characteristics and permits the up-to-date service man to restore the original operating condition of the receiver. The electronic wobbler circuit is fool proof, employs no moving parts and has nothing to get out of order and is vastly superior to the old-fashioned motor driven wobbler circuits.

### Supreme Headquarters

Radolek can supply all Supreme instruments quickly and at the lowest dealer prices. We carry all the Supreme testing equipment, listed on these pages, in stock and ready for immediate shipment to you. In addition we will supply any Supreme instrument not listed here. As additional instruments are announced by Supreme, Radolek will be the first to have them for you. Every Supreme instrument in our stock is always of the newest design. Radolek customers will always receive prompt handling of their orders for Supreme Test Equipment whether they purchase for cash or on the Easy Time Payment Plan. **If additional information is desired concerning any instrument on these pages we will be glad to send it to you. Our trained staff of technical experts stands ready to help you with any of your problems.**

### Schematic Wiring Diagram For Supreme Model 555 Diagnosticscope

This diagram enables servicemen to determine exactly how the new Diagnosticscope is constructed. The diagram incorporates the circuits of each individual instrument in the Diagnosticscope. Namely—the Cathode Ray Oscilloscope, the Beat Frequency Audio Oscillator and both of the Self Contained Power Supplies. Compare the circuit of this instrument with the complete radio service laboratory with any other instrument at anywhere near this price. You will find that no other manufacturer of test equipment offers all of these instruments in one combination unit at so reasonable a price. The Diagnosticscope is truly "a Supremation by Comparison."



# SUPREME INSTRUMENTS

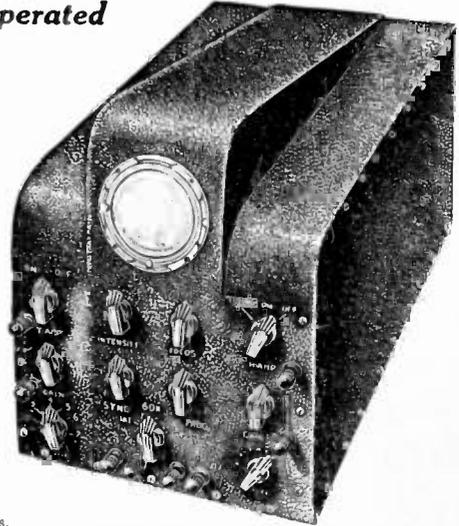
## New Low Money-Saving Prices

### Supreme Model 545 Cathoray Oscilloscope

New Design — 6 Tubes — Completely A.C. Operated

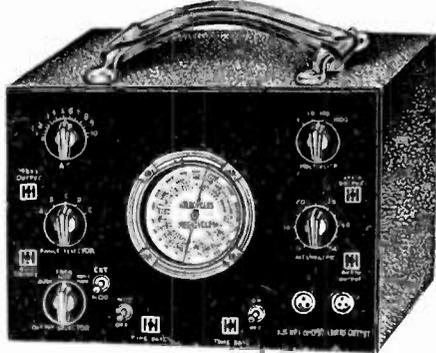
**DEFLECTION SENSITIVITY**—The Oscilloscope uses a 3" screen R.C.A. type 906 Cathode-Ray Tube as standard equipment. The deflection sensitivity is 2 peak volts per inch through the amplifier on both horizontal and vertical plates. The deflection sensitivity direct to either set of plates is 80 peak volts per inch. **HORIZONTAL AND VERTICAL AMPLIFIERS**—Amplification on both vertical and horizontal axes is provided through two 57's and a gain of approximately 40 is available with graduated control. Amplifier response curve flat from 20 to 90,000 cycles. **CALIBRATED SCALE**—For study of fidelity and resonance curves, a special celluloid scale calibrated in kilocycles off resonance is provided which is held on the oscutcheon plate of the 906 tube. The scale can be readily removed when not required. **TUBES USED**—The tube complement consists of one type 906 R.C.A. Cathode-Ray Tube, a type 879 high voltage rectifier, one type 885 gaseous discharge tube, one type 80 and two type 57's for horizontal and vertical amplifiers. Tubes are especially matched and laboratory aged at the factory before shipment. **INPUT**—The input impedance, using either amplifier, is 500,000 ohms input capacitance less than 20 MMF. **CONTROLS**—All control knobs are of a new streamlined design, located in convenient positions, and every control is clearly marked on the panel. **INTENSITY AND FOCUSING CONTROLS**—as well as spot centering controls are on the front panel in convenient position within easy reach of the operator.

**PERFECTED "LOCK-IN" SYSTEM**—for perfectly steady patterns — special care has been taken to secure perfect locking of the wave being examined and to prevent drift. As the frequency being viewed is approached by the sweep, it actually seems to "snap in" to the locked condition. **RUGGED BUILD**—Sturdy construction is emphasized in the building of the Model 545. All parts used are of the highest quality to assure long trouble-free life. **DEPENDABILITY**—All tubes used are factory tested and easily replaced. Conservative operating voltages guarantee maximum life from the tubes in each circuit. **EXTRA WIDE SWEEP RANGE**—The model 545 has a linear sweep frequency range of 7 cycles to 20,000 cycles. **SELF-CONTAINED SYNCHRONIZING SWEEP**—Controls for synchronizing input potential under study internally or externally with "Saw Tooth Oscillator". Also for synchronizing with frequency of local power supply. **PERFECT LINEARITY**—A newly designed sweep circuit assures perfect linearity on multiple wave patterns. All crowding of the wave form at either end of the trace has been eliminated. Housed in a fully shielded metal cabinet with all accessories and complete instructions. Available in special AC voltages and frequencies at slight extra cost. For 105-120 Volts, 50-60 cycle A.C. operation. **K12413—Supreme Model 545 Oscilloscope complete with tubes. Instructions included. \$91.09**  
**YOUR CASH PRICE**....  
 Or \$10.00 Down and \$7.68 Monthly for 12 Months.



### Supreme Model 580 De Luxe Signal Generator

With Self Contained Frequency Modulator and Beat Frequency Audio Oscillator



All Wave Continuously Variable from 90 kilocycles to 20 megacycles on fundamentals and up to 60 megacycles on harmonics. Designed for use with the Model 545 Supreme Oscilloscope or with any other high grade oscilloscope equipment. An electron coupled oscillator circuit. Control is by means of a full vision airplane type dial calibrated to an accuracy of one half of one per cent and with large easily read figures which do away with all charts and calibration curves. Five frequency bands controlled by a band selector switch. A separate audio oscillator circuit modulates the output 30% at 400 cycles. A switch on panel provides for either CW or modulated output. The 400 cycle note is available for external use by means of tip jacks on panel. A separate electronic wobblers circuit built into signal generator modulates the signal over a constant band width of 24KC so that when the signal generator is used in conjunction with an oscilloscope a double image at any intermediate broadcast or short wave frequency is inscribed on the screen of the Cathode ray tube for study of selectivity and fidelity characteristics. Provision has also been made to obtain automatically a timing voltage from the signal generator so as to provide automatic synchronization with the sweep circuits of the oscilloscope. A necessary feature for modern servicing.

Attenuation from maximum to a minimum of less than one half micro volt is accomplished by means of a ladder type attenuator and a variable gain control; both attenuators being calibrated to determine the approximate output of the signal generator in micro volts. Includes variable audio oscillator. A separate beat frequency audio oscillator circuit is included, covering a range of 50 to 10,000 cycles per second with a harmonic content less than 3%. The frequency of the audio oscillator is controlled by a calibrated dial on the panel so that you may easily check the over all characteristics of any audio circuit including radio sets, amplifiers, public address equipment and theater installations. Also for determining overall performance of speakers. With the Model 545 Supreme Oscilloscope or with any standard cathode ray oscilloscope you have a complete cathode ray service installation that is ideally suited for modern service work. **Tubes Used**—1-6A7, 1-6P7, 1-84 and 1-76 in circuits of latest design. Mounted in a fully shielded metal housing and equipped with all necessary tubes, accessories and operating instructions for operation on 110 volt 60 cycle current. Size: 14" x 10 1/2" x 6 1/2". Front Panel size, 12 1/2" x 10 1/2".

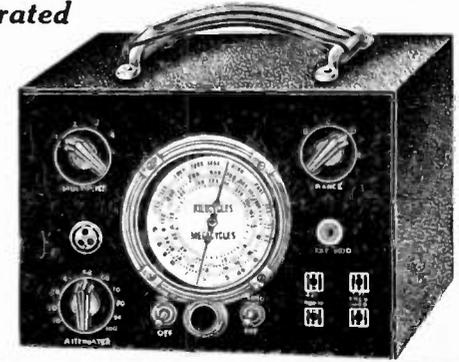
For 105-120 Volts 50-60 Cycle A.C.  
**K12414—Supreme Model 580 De Luxe Signal Generator Complete with tubes. Instructions included. \$53.85**  
**YOUR CASH PRICE**.....  
 Or \$6.00 Down and \$5.44 Monthly for 10 Months.

### Supreme Model 570 Standard Signal Generator

All Wave — Continuously Variable — A.C. Operated

Covers all frequencies from 90 kilocycles to 20 megacycles on fundamentals and up to 60 megacycles with harmonics of the fundamental signals. Intended for use in the ordinary alignment procedures without the use of cathode ray equipment. This instrument employs an electron coupled oscillator circuit which is completely shielded and free from external radiation and feed back into the supply lines. A four inch airplane type dial is calibrated to cover the entire frequency range on five bands. A double, ladder type attenuator controls the output from maximum to less than one half microvolt which is below the input sensitivity of even the best receivers. Calibration is accurate within one half of one per cent. The attenuator circuits are also so designed that they do not affect the generated frequency, which means that the oscillator is always in calibration. A separate modulator stage modulates the output 30% at 400 cycles, and this 400 cycle voltage is available for external use by means

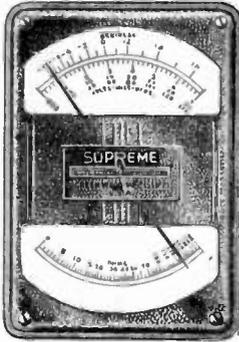
of tip jacks on the panel. Output of the oscillator may be either modulated or unmodulated, and is controlled by a switch on the panel. The full vision airplane type dial is smooth running and free from backlash. No charts or tables are required; it is direct reading. Attenuator controls are calibrated to give an approximate indication of output in microvolts for use in comparing the sensitivity of receiver circuits. The entire instrument is housed in an attractive metal cabinet. Size: 10 1/2" x 8 1/2" x 5". Front panel 9 3/4" x 8 1/2". For operation on 105-120 volt 50-60 cycle A.C. current. Instruments for special voltages and frequencies at slightly higher prices. 1-6A7 and 1-12A7 tubes are used. **K12415—Supreme Model 570 Standard Signal Generator Complete with tubes. Instructions included. \$31.31**  
**YOUR CASH PRICE**.....  
 Or \$4.00 Down and \$3.90 Monthly for 8 Months.



# SUPREME INSTRUMENTS

## New Illuminated Double Meter

### Supreme Model 510 Quadri-meter Foundation Kit



#### Indirectly Illuminated Scales

With this new foundation kit you can build a complete AC-DC volt-ohm-milliammeter. Kit includes Supreme's new double Window Illuminated Quadrimeter with ranges of 0/7/35/140/350/700 volts DC at 1000 ohms per volt and 0/7/35/140/350/700 volts AC at 7/35/140 DC mills and ohmmeter ranges of 0/2000/20,000/200,000 ohms. Bakelite case measures 5 1/4 x 7 1/4 inches. 0-1 M.A. movement. Knife edge airplane pointer. D'Arsonval movement. Sapphire jewelled bearings. Non-corrosive fatigueless springs. Accuracy 2%. Dustproof construction. Upper scale used for voltage readings with lower scale calibrated for ohmmeter circuits. Kit includes: Quadrimeter, 1-meter adjustment resistor; 4-calibrated resistors for M.A. shunts; 5-calibrated resistors for ohms scales; 6-metalized resistors with 6 attached matching capacitors; 1-51 ohm flexible resistor; 1-0 to 3800 ohm potentiometer; a carefully tested AC rectifier, all necessary switches.

**K12416**—Quadrimeter with a complete kit of parts for building an AC-DC Volt-Ohm-Milliammeter. Instructions included.

**YOUR PRICE** ..... **\$17.59**

### New Supreme Instruments Have Exclusive Features

#### Meter Scales Indirectly Illuminated

A NEW FEATURE WHICH ENABLES YOU TO MAKE CORRECT METER READINGS even in the dark. The Quadrimeters used on the tube testers have the upper scale calibrated in colored divisions for "BAD"—"GOOD" with the lower scale calibrated in numbers for volts, ohms etc. Set testers have volts, mills, etc. on upper scales, resistance ranges on lower scale.

#### Greater Ranges — More Testing Functions

Meter ranges have been extended for 1937 to read higher voltages and currents. Some instruments have special scales reading 0-14 amperes DC for testing charging rates, auto set current drain and auto set vibrators. Several instruments have scales calibrated in decibels for servicing public address and theater sound equipment.

#### New Double Window Quadrimeters

The new Supreme Instruments for 1937 have beautiful antique bronze finished panels with modernistic embossed decorations. The new Supreme double window Quadrimeters measure 5 1/4 x 7 1/4 inches and have extra long easily read scales. Due to the use of the double window feature, two separate scales are provided which reduces the number of ranges on each scale and makes the instruments easier to read. Only Supreme instruments have the new illuminated double window meter. These instruments are all new models, up to the minute with all the latest engineering developments and not "improved" models carried over from last year. Compare the many advanced features incorporated in Supreme instruments with features found in instruments of other manufacturers. You will find Supreme instruments truly "Supreme by Comparison".

### Supreme Model 550 Deluxe Radio and Condenser Diagonometer

#### 12 Essential Servicing Instruments in one Compact Unit

1. Radio and P.A. Analyzer.
2. Tube Plate Current Checker.
3. Electrolytic Condenser Analyzer.
4. Paper Mica Condenser Tester.
5. Multi-Range Ohmmeter.
6. Multi-Range D.C. Voltmeter.
7. Multi-Range A.C. Voltmeter.
8. Multi-Range Milliammeter.
9. Multi-Range Decibel Meter.
10. Multi-Range Output Meter.
11. D.C. Ammeter
12. Condenser Capacity Meter.

#### Analyzer Circuits

Accurately checks all circuits for voltage, current and resistance Meter Circuit Selector Switch makes all ranges of meter available. Provides test of all tubes by comparative plate current method.

#### Condenser Analyzer

Makes accurate tests of all electrolytics at rated voltage from built-in D.C. power supply by leakage current method. Also measures capacities from 0-14 mfd. Full size Neon tube shows leakage or shorts in all paper, Mica and oil capacitors.

#### Multi-Range Meter

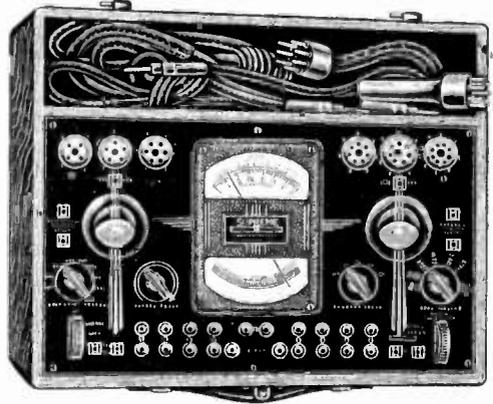
Provides point-to-point resistance and voltage measurements of the receiver circuit. New Illuminated Double Window Quadrimeter with voltage ranges 0-7-35-140-350-700-1400 A.C. and D.C. Current ranges: 0-7-35-140-350-700-1400 M.A. and 0-14 amperes D.C. Decibel ranges—10 to +6; 0 to +18; +10 to +26; +20 to +38 and +30 to 48 D.B. All A.C. voltage ranges for output measurements without adapters. Resistance ranges 0-2400-20,000-200,000 ohms and 0-2-20 meg-ohms. All ohms and megohms ranges are energized by the self-contained power supply.

#### Quick Point to Point Tests

All resistance, voltage, capacity and current readings are secured through the 9 conductor analyzer cable, plugged into the receiver sockets. Tests made without removing chassis from the cabinet. Test leads may be inserted into tip jacks on panel for continuity tests if desired. Has five sockets. Tests all tubes including the new 8 prong Octal base metal and glass types, direct from the receiver socket. Flexible ("Free Reference") point system of analysis is used by which the receiver chassis, or any element of the tube acts as a reference point for all measurements.

#### Easy to Operate

A range selector switch is provided for changing from one testing function to another in only one simple operation. Push buttons on panel alter circuit of tester to secure shorts and leakage tests between all tube elements when depressed. Line voltage adjustment. Supplied with analyzer cable and plugs, socket adapters, test leads, instruction manual and "Free Reference" point analysis charts. Housed in hardwood carrying case with removable cover. Size: 18 1/2 x 14 1/2 x 7 1/2.



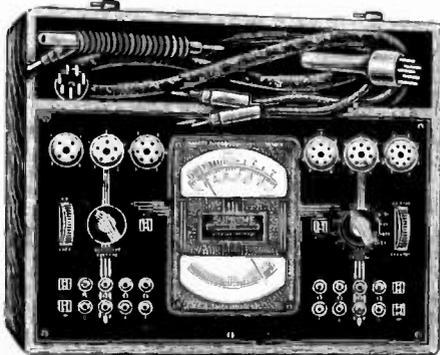
**K12417**—  
Supreme 550  
DeLuxe. Complete

**YOUR CASH PRICE** .....

**\$54<sup>83</sup>**

Or \$6.00 Down and \$5.55 Monthly for 10 Months.

### Supreme Model 540 Standard Radio Tester



**K12418**—  
Supreme 540 Standard  
Radio Tester. Complete

**YOUR CASH PRICE** .....

**\$36<sup>21</sup>**

Or \$4.00 Down and \$3.66 Monthly for 10 Months

alyzer circuit practically eliminates obsolescence. A 9 conductor analyzer cable and plug are provided, with all necessary adapters. Tests circuits of new Octal base metal and glass tubes.

Supplied with test leads, cable, adapters, instructions and Free Reference Point Charts. Quartered Oak carrying case, removable cover. Size 16 1/2 x 11 1/2 x 5 inches.

### Supreme Model 565 Carrier Shift Indicator With Band Spread Tuning

Covers All Popular Amateur Bands

**K12419**—Supreme 565 Carrier Shift Indicator. Complete.

**YOUR CASH PRICE** ..... **\$26<sup>41</sup>**

Or \$4.00 Down and \$3.67 Monthly for 7 Months

A ruling of the Federal Communications Commission requires a means of checking the transmitters modulating capabilities. The new Supreme carrier shift indicator is designed to do this accurately and economically and can be used for a number of purposes, including (1) an over-modulation indicator (2) a carrier shift indicator (3) a check on improper bias, excitation, impedance, etc., (4) an absorption type Wave meter (5) a listening monitor (6) an indicator of proper neutralization (7) a resonance indicator during tuning up (8) an indicator when adjusting transmitting antenna (9) a field strength indicator. Covers 5 most popular amateur bands: 1715 to 2000 Kc, 3500 to 4000 Kc, 7000 to 7300 Kc, 14,000 to 14,400 Kc, 28,000 to 30,000 Kc. Also includes AC-DC Voltmeter and D.C. Milliammeter with ranges of 0-7-35-140-350-700-1400. Range selector switch and pin jacks on panel. Every Amateur will want this instrument at Radolek's low price. Tuning dial easily read, smooth running and free from backlash.



Jack on panel for head phones connection. Headphones not furnished. Can also be used to check excitation, load impedance, modulator bias, power supply regulation, etc. Operated from self contained batteries. Portable, flexible and accurate. Housed in an attractive metal case, size: 11 1/2 x 5 1/2 x 5 1/2.

# SUPREME INSTRUMENTS

## Supreme By Comparison

### Supreme Model 500 De Luxe Tube and Set Diagonometer Combines 10 Essential Servicing Instruments in one Compact Unit

- (1) Tube Quality Checker
- (2) Tube Leakage and Short Tester
- (3) Electrolytic Condenser Analyzer
- (4) Paper Mica Cond. Checker
- (5) Multi-Range D.C. Voltmeter

- (6) Multi-Range Ohmmeter
- (7) Multi-Range A.C. Voltmeter
- (8) Multi-Range Decibel Meter
- (9) Multi-Range Milliammeter
- (10) Multi-Range Output Meter

#### The Quality Tester

Accurately checks all tubes including the new 8 prong octal base metal and glass types, using only 6 sockets. Requires no adapters. Circuit design permits all tubes to be tested under actual operating load conditions. Indicates whether tube is "Good", "Bad", or "Doubtful" on the upper colored scale of the Illuminated English Reading Double Window Quadrimeter. Only 3 simple adjustments.

#### Neon Tube Leakage Tester

In addition to the quality test, each tube is checked for inter-element leakages and shorts on Neon lamp indicator. No tube can pass both the quality and leakage tests unless it will perform satisfactorily.

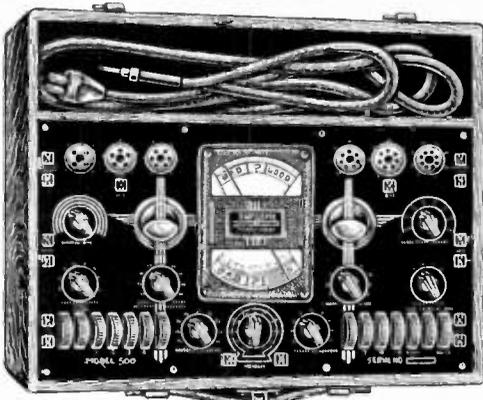
#### Condenser Analyzer

An English Reading condenser analyzer accurately and positively checks all electrolytic condensers at correct operating voltage. Also has Neon condenser tester for determining leakage or shorts in paper, Mica and oil capacitors.

**Multi-Range Meter**  
New Illuminated Dual Window Quadrimeter provides point-to-point resistance and voltage measurements of receiver circuit. Lightly marked pin jacks on instrument panel for inserting test leads. Ranges 0/7/140/700/1400 AC and DC volts—0/7/140/700/1400 mils DC. All AC ranges available an output meter without adapters. Resistance ranges 0-2000-20,000-200,000 ohms and 0-2-20 megohms. All ohms and megohm ranges are energized by the self-contained power supply. Decibel meter ranges —10 to +8; 0 to +16; +10 to +26 DB.

#### Easy to Operate

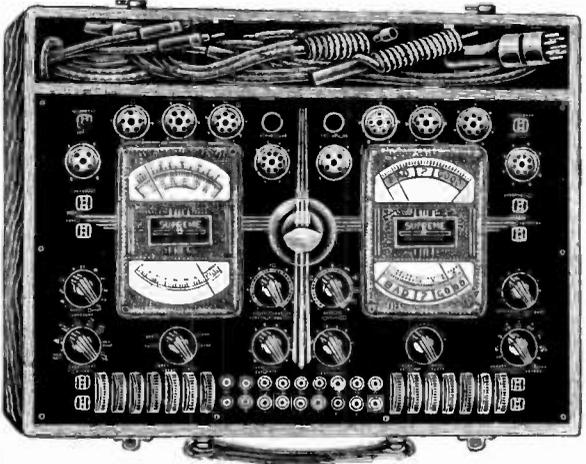
A range selector switch is provided for changing from one testing function to another in only one simple operation. Push buttons on panel alter circuit of tester to secure shorts and leakage tests between all tube elements when depressed. Line voltage adjustment switch. Antique bronze metal panel embossed in modernistic design. Handsome quartered White Oak carrying case with removable cover. Size: 20 1/2 x 15 x 6 1/2 inches. Compartment for line cord and other accessories. Chart giving switch settings for each tube mounted on inside of cover.



K12420—Supreme Model 500 De Luxe Diagonometer Complete with operating instructions. **\$65<sup>61</sup>**  
YOUR CASH PRICE .....  
Or \$7.50 Down and \$6.01 Monthly for 10 Months.

## Supreme Model 585 De Luxe Diagonometer

The Professional Radioman's Test Laboratory  
Combines 16 Essential Servicing Instruments  
in one Compact Unit (39 Functions and Ranges)



- (1) Point to Point Analyzer
- (2) Tube Quality Checker
- (3) Tube Leakage and Short Tester
- (4) Electrolytic Condenser Analyzer
- (5) Paper Mica Cond. Checker
- (6) Multi-Range DC Voltmeter
- (7) Multi-Range Ohmmeter
- (8) Multi-Range AC Voltmeter
- (9) Multi-Range Milliammeter
- (10) Multi-Range Decibel Meter
- (11) Multi-Range Capacity Meter
- (12) Multi-Range Output Meter
- (13) DC Ammeter
- (14) Multi-Range Megohmmeter
- (15) Low-Range Ohmmeter
- (16) Built-in Power Supply

K12421—Supreme Model 585 De Luxe Diagonometer. Complete with Operating Instructions. **\$95<sup>01</sup>**  
YOUR CASH PRICE .....  
Or \$10.00 Down and \$8.00 Monthly for 12 Months.

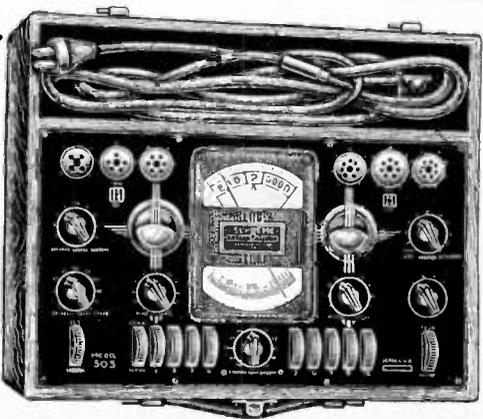
The two Supreme Illuminated Double Window Quadrimeters are made to provide (1) six D.C. potential measuring ranges of 0/7/35/140/350/700/1400 D.C., (2) six A.C. potential-measuring ranges of 0/7/35/140/350/700/1400 A.C., (3) seven current-measuring ranges of 0/7/35/140/350/700/1400 milliamperes, D.C., and 0/14 amperes D.C., (4) five capacity-measuring ranges of 0/0.07/0.35/1.4/3.5/14 mfd. and (5) resistance-measuring ranges of 0/200/2000 20,000/200,000/2 Meg. 20 Meg. ohms; the four lower ranges of the ohmmeter are powered by a self-contained battery, and the two higher, or 0/2/20 megohm ranges, are powered with a self-contained miniature "power pack". (6) five Decibel ranges of —10 to +6; 0 to +16; +10 to +26; +20 to +36 and +30 to +46 DB. One of the meters is also provided with an English-reading colored tube testing scale and a new English-reading electrolytic capacitor leakage scale so that electrolytic capacitors can be tested for "GOOD" or "BAD" characteristics in the same manner as that which has heretofore been practiced for testing tubes. Electrolytic condensers tested at rated operating voltage thru voltage Selector Switch. The professional radioman who uses one of these compactly-designed testers has the equivalent of thirty-nine (39) single range meters in a compact "un-constructed" tester. Furnished in rugged quartered oak case with removable cover for portable use. Size, 22 1/2 x 18 1/2". Complete accessories are supplied including analyzer adapters, eight conductor cable and plug, test leads, complete operating instructions. Case has removable cover. For 110 volt 60 cycle A.C. operation. Instruments for other voltages at slightly higher prices.

## Supreme Model 505 Standard Tube Diagonometer

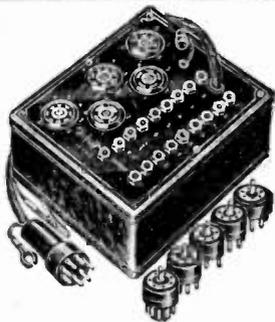
A New, High Quality, Low Priced tube tester that really sells tubes! Plainly shows your customer the actual condition of his tube in terms of "Good" or "Bad" on the large Illuminated English Reading Double Window Quadrimeter. Lower scale calibrated 0/100 to determine percentage full scale deflection. Tests all existing radio tubes under actual operating conditions, including glass tubes with octal bases and octal base metal tubes. Circuit is designed to guard against obsolescence as new tubes are developed. Each tube is "double-checked" by the famous Supreme Neonized Leakage test. All tubes tested at full recommended load. No tube will pass both the leakage and quality tests of this tester unless it will perform satisfactorily in a radio receiver. Requires only three simple adjustments to test any tube type. Has only 6 sockets and requires no adapters. Line Voltage adjust-

ment for accurate tests provided by switch on panel. Antique bronze finish metal panel with modernistic embossed design. Beautiful in appearance. A valuable addition to any serviceman's equipment. Supplied in a handsome, sturdily constructed Quartered Oak case size 19x14 1/2 x 6 1/2" with removable cover for portable use. Furnished with full instructions and complete tube chart. A low priced instrument that will pay big dividend in increased tube sales. For operation from 105-120 volt, 50-60 cycle A.C. current.

K12422—Supreme Model 505 Standard Tube Diagonometer Complete, with instructions. **\$46<sup>99</sup>**  
YOUR CASH PRICE .....  
Or \$5.95 Down and \$4.75 Monthly for 10 Months



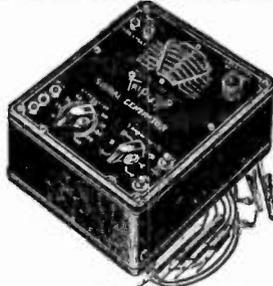
# TRIPLETT MASTER UNIT TESTERS



## Free Point Tester Model 1220A

K12336—  
List Price, \$15.00. **\$9.80**  
YOUR PRICE

For servicing all sets using metal or glass tubes. Has five sockets, four with standard RMA markings, one new eight prong for metal tubes. Panel also includes eight automatic switch type and ten single action, jacks. Enables the making of voltage and resistance test between any tube elements or socket contacts, including chassis. The jacks are so arranged that the source of external voltage may be applied to any tube element. This permits testing tube characteristics. Automatic in operation. Used in conjunction with Model 1200 Volt-Ohm-Milliammeter. One end of the conductor cable is permanently connected to the switch type jacks, the other end terminates in a 7 prong latch type plug, 4, 5, large 7, small 7 and 8 octal prong latch type adapters are included. Instructions, guarantee and registration cards are furnished.



## Signal Generators

K12337—Model 1231. For Battery Operation, with Tubes and batteries. **\$22.86**  
List Price, \$37.50. YOUR PRICE

K12338—Model 1232. For 110 volt-60 cycle A.C. operation. **\$24.50**  
List Price, \$35.00. YOUR PRICE

Six tuning bands, cover from 110 kilocycles to 30 megacycles. All frequencies are fundamental, no harmonics are used. 12" vernier dial has direct reading scale marked in K.C. Special frequency stabilizing circuit using a type 30 oscillator tube generates the R.F. signal. A second type 30 tube produces a clear 400 cycle note modulating output signal approximately 50%. Modulation can be cut in or out of circuit by adjustment of toggle switch on panel. 400 cycle audio note can also be used alone. Two range continuously variable attenuator circuit employs three tip jacks for selection of either strong or weak signal. Both ranges are controlled by a variable resistor of the potentiometer type calibrated by a 0-100 etched scale. All parts completely shielded.



## Tube Tester Model 1210A

K12339—  
List Price, \$30.00. **\$19.60**  
YOUR PRICE

Tests all types of tubes both metal and glass. Direct reading. Its large 3 1/2" Triplett D'Arsonval meter reads GOOD and BAD on three colored scale. Cathode leakage test. Individual tests on diodes and full wave rectifiers. Only four sockets. Has a new and exclusive circuit approved by leading tube engineers, with every essential for a dependable emission test of tube values. Only three simple operations required to test all types of tubes; only one operation for shorts. Two selector switches provide for short, leakage, and quality tests without removing tube from socket. Infilament leakages between elements indicated correctly on meter. A third selector switch selects proper filament voltage; the fourth switch is set for the type tube to be tested. Chart furnished for all switch settings. Has line voltage regulator. Rectifier tube furnished. 60 cycle, 100-130 volts.



## Volt-Ohm-Milliammeter With Tilting Meter Model 1200A

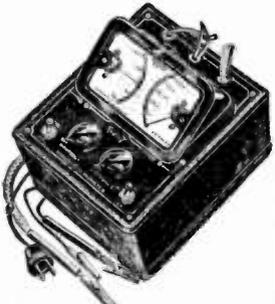
K12340—  
List Price, \$32.50. **\$21.24**  
YOUR PRICE

Has two instruments A.C. and D.C. in molded case. Scale reading—D.C. 10-50-250-500-1000 volts at 2000 ohms per volt; 1-10-50-250 M.A.; 0-500 ohms with 15 ohm reading in center of scale; 0-1500 ohms; 1.5 and 3 meg-ohms. A.C. 10-50-250-500-1000 volts. Resistance measurements have individual zero adjustments. Three jacks for VOLTS—OHMS—M.A.'s and OUT-PUT measurements. Selector switch for all instrument readings. Contains 2 1/2 and 1 1/2 v. batteries. Test leads included.

## Model 1200B

Same as above except has one D.C. meter and one highly sensitive copper oxide meter for A.C. measurements at 1000 ohms per volt. Has special 3 volt A.C. range for sensitive measuring of output, gain, etc.

K12341—  
List Price, \$40.00. **\$26.14**  
YOUR PRICE



## Vacuum Tube Voltmeter With Tilting Meter Model 1250

K12341—  
List Price, \$50.00. **\$32.67**  
YOUR PRICE

For measurement of circuits where only extremely low current drain is allowable. Measures signal voltages in various stages of amplifiers, gain per stage, A.V.C. voltages, grid bias, filter ripple, etc. New bridge type circuit assures accuracy and eliminates any changes in calibration due to variation in tube characteristics. Type 76 tube used with sensitive galvanometer balances out current in circuit making calibration adjustment every time a reading is taken. No input voltage dividers are used, minimizing current consumption from circuit under test; thus avoiding any possible error due to current variation (load) and frequency attenuation. Adjustable tilting type twin meter. Sensitive galvanometer indicates balance of circuit. Three range voltmeter measures AC and DC voltages of 2.5, 10 and 50 volts. Three position toggle type selector switch. Control No. 1 applies bucking out voltage to balance circuit under test. Control No. 2 balances circuit of tester prior to test. Type 6C6, 76, and 84 tubes included.



## Condenser Tester Model 1240

K12342—  
List Price, \$37.25. **\$24.33**  
YOUR PRICE

Tests paper and electrolytic condensers for capacitor, intermittent shorts and opens, and high resistance leakages. All tests are performed on one meter. Shorted or leaking condensers show steady or intermittent deflection on meter. Meter scale is calibrated directly in microfarads. Measures capacity from .0001 mfd. to 10 mfd. in steps of .05, .10, .005 to .5, .0001 to .05. Accuracy of capacity test is maintained by a line voltage regulator used with a shadow type indicator. Indicator also serves as pilot light. 1000 Volts AC or DC in steps of 2, 20, 60, 200, 600, and 1000 volts are available for breakdown tests. 3" square, 400 microampere meter. Rotary controls on panel are: Line voltage control, electrolytic condenser control, and voltage output control. Two push button switches for short and capacity test. Full wave copper-oxide rectifier is used in conjunction with microammeter. Type 80 rectifier tube supplies DC voltages for test. Test leads with attachable alligator clips supplied.



## Audio Frequency Oscillator Model 1260

K12343—  
List Price, \$42.50. **\$27.77**  
YOUR PRICE

Supplies audible frequencies to test audio amplifiers, speakers, P.A. systems, transformers, etc. Ten Audio Frequency ranges: 100, 250, 500, 1000, 2000, 3000, 4000, 5000, 7500, and 10,000 cycles. Generates a pure sine wave without distortion. Well attenuated for effective control of output. Variable impedance matching permits output to be matched to low, medium, or high impedance input of amplifiers, etc. Accuracy is far greater than necessary for radio service work. Type 6C6 tube is used as negative voltage oscillator. Type 76 tube is used as buffer or amplifier. Type 84 rectifier.



## Modulation Monitor With Tilting Meter Model 1295

K12344—  
List Price, \$38.00. **\$24.33**  
YOUR PRICE

Provides test to determine power necessary to correctly modulate RF oscillators or amplifiers in transmitters. Correct modulation results in greater efficiency and better quality voice transmission. Prevents over modulation which causes interference on adjacent bands and distortion. Indicates directly on meter dial scale the percentage of modulation from 40 to 120%; also permits reading peak modulation. Calibration is not affected by changing tubes (1-76) in the monitor. Adjustable tilting twin meter incorporates D.C. 0-200 microammeter, indicating percentage of modulation; and 0-1 milliammeter. Copper-oxide rectifier is used with microammeter.

## Multi-Unit Cases Portable-Leatherette

Strongly made of plywood and covered with finest grade black grained leatherette. Units fit snugly. Instrument compartments lined with soft green felt. Separate compartment for accessories. Padded handle. Detachable covers. Single unit case is size 8 1/2 x 10 1/2" high. Others in proportion.

Stock Number	Holds Units	List Price	Your Price
K15835	one	\$8.00	\$3.92
K15836	two	7.00	4.57
K15837	three	8.00	5.22
K15838	four	9.00	5.88



NOTE: All Above Triplett instruments have black crackle finished metal cases with removable backs for replacing tubes, or batteries. Size 7 1/2" x 6 1/2" x 4 1/2" deep. All instruments having power cords are of 50-120 volt 50-60 cycle A.C. operation. Supplied with necessary test leads and instructions for operation.

# TRIPLET INSTRUMENTS

Portable • Compact • Best Values



**Tube Tester**  
Model 1502  
(Power Output Type)

K12332—  
List Price, \$55.00. **\$35.94**  
YOUR PRICE

Tests all tubes, both metal and glass, under actual operating conditions. Definitely and instantly rejects any tube that will not perform satisfactorily in a radio receiver. A large 4" square meter marked "Good" and "Bad" is employed. The "gain method" of tube analysis is used and gives the nearest approach to actual receiving set operation. The proper D.C. voltages are applied to tube elements. Includes A.C. test for rectifier tubes, and separate diode A.C. test. Supplies A.C. signal to control grid and indicates amplifications on the A.C. voltmeter. Neon short test detects the slightest leakages. Simple to operate, only three operations. Housed in attractive quartered oak case with removable cover. Sloping silver and black finished metal panel clearly marked with tube testing data on either side. For either portable or counter use. Size 15 1/2" x 11 1/4" x 7 1/4". For 110 volt, 50-60 cycle operation. Ship. wt. 26 lbs.

**Model 666 Universal Volt-Ohm-Milliammeter**  
Molded Bakelite Case

K12333—  
List Price, \$22.50.  
YOUR PRICE **\$14.70**

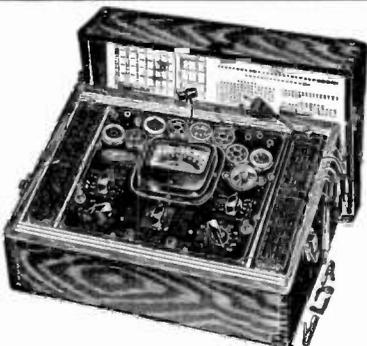
Exceptionally compact AC-DC Volt, Ohm, and Milliammeter, easily fits into the pocket. Service engineers will find it especially useful and convenient. Contains sensitive 0-400 microammeter. D'Arsonval movement. 3 1/2" square meter with zero adjustment. Compensated copper-oxide rectifier circuit has resistors for A.C. voltage measurements at 1000 ohms per volt. Voltage ranges provided are: 0-10, 50, 250, 500, 1000 volts AC and DC at 1000 ohms per volt. Milliammeter ranges: 0-1, 10, 50, 250 D.C. ma. Ohmmeter ranges: 0-300 and 300 to 250,000 ohms for high and low resistance and continuity measurements. Ohmmeter range may be extended by using external batteries. Zero ohms adjustment for compensating battery deterioration. 1.5 volt flash light cell is used for ohmmeter ranges. Rotary selector switch selects any desired range. Test leads include attachable alligator clips. Entire case of molded bakelite. Removable panel makes batteries easily accessible. Size: 3 1/2" x 5 1/2" x 2 1/4". Ship. Wt. 4 lbs.



**New Model 1504 Combination Tube Tester and Free Point Analyzer**

Similar to the Model 1503 listed at right except a Free Point tester is assembled on both sides of the instrument panel in place of the metal strips on which tube ratings are calibrated. All the meter ranges are now available thru a 3 conductor cable and analyzer plug for receiver circuit analysis from the receiver tube sockets. Jacks on panel also permit point to point tests. Supplied complete with all accessories.

K12345—  
List Price, \$85.00. **\$56.67**  
YOUR PRICE



**Multi-Purpose Tube Tester**  
Model 1503  
(Power Output Type)

K12334—  
List Price, \$70.00. **\$45.74**  
YOUR PRICE

Combines in one instrument the equivalent of nine separate instruments. 1—Tests All Tubes, both glass and all-metal types under actual operating conditions in terms of "Good" or "Bad" speedily and accurately on a large 4" square meter. 2—Neon Short Test, accurately detects all shorted or leaking tubes. 3—Separate Diode Tests, individually checks each section of multi-purpose tubes. 4—Neon Paper Condenser Tester, shows shorted, leaking or open paper condensers. 5—Electrolytic Condenser Leakage Tester, indicates on "Good-Bad" scale if the condenser's filtering renders it suitable for further use. 6—D.C. Voltmeter—has scale reading 0-10-50-250-500-1000 volts at 1000 ohms resistance per volt. D.C. Milliammeter 0-10-50-250. 7—Ohmmeter, reads resistance directly on 1000, 10,000, 100,000, 1 meg., and 10 meg. scale. 8—A.C. Voltmeter, reads 0-10-50-250-500-1000 volts at 400 ohms resistance per volt. 9—Decibel Meter, reads down 10 up 15 decibels. Operates on 110 volt 50-60 cycle current. Supplied in quartered oak case with sloping silver and black metal panel and removable cover. For counter or portable use. Size: 15 1/2" x 11 1/4" x 7 1/4". Ship wt. 26 lbs.

**Readrite All-Wave Oscillator**  
Model 554-A



Incorporates all improvements and advantages of present day engineering. Speedy and accurate. Used to align RF gang condensers, locate defective RF transformers, adjust IF transformers, check oscillator stage, compare gain in tubes and determine the sensitivity of radio receiving sets. Merely adding a new coil provides for any new frequency range. For present and future requirements. All frequencies are fundamentals thoroughly stabilized. Modulator switch on front panel. Completely shielded and tube modulated.

**Plug-In Coils**

Special Plug-In type coils supplied for each of the present five frequency bands, covering 100-20,000 KC. Extra long sweeping scale assures accurate settings. Large calibration curves supplied for each frequency band. Self-contained batteries and two '30 tubes. Black leatherette covered case. Potentiometer type attenuator with high low adjustment.

K12387—Complete with tubes and batteries.  
List Price, \$24.00. Dimensions: 12" x 6 1/2" x 5 3/4". **\$14.11**  
YOUR PRICE

Covers 100 to 20,000 Kc. on five bands. Complete alignment of all types of radios is possible with this low priced instrument.

**Triplet Model 1181-A Portable Laboratory 3 in 1 Tester**



K12335—  
List Price, \$59.50. **\$38.88**  
YOUR PRICE

Three instruments combined in one case for complete circuit analysis. Includes:

**Point to Point Test**

Model 1125 Universal Volt-Ohm-Milliammeter for testing receiver circuits directly at the receiver when accessibility permits and for localization. Contains direct reading ohms, output, AC-DC volts, and milliamperes; 3/4" 400 microammeter with 16 scale readings; AC-DC volts: 0-15-150-750 at 1000 ohms per volt; DC ma.: 0-1-15-150; AC ma. 0-15-150; ohms: 0-1500-15 and 3 meg. All ranges controlled by selector switch.

**Standard Analysis**

Auxiliary Set Tester Model 1166A for free-point test and receiver analysis. For localizing set trouble without removing chassis from cabinet. Invaluable for estimating service calls. Includes test for new Octal Tubes.

**Overall Performance**

Model 1151 new improved All-Wave Oscillator for alignment testing tubes and methods of increasing overall gain. Oscillator covers all frequencies from 110 KC to 18 MC with four bands on single scale reading (0-10). Supplied with frequency curves. Has self-contained batteries. Oak case has removable cover. Size: 16 1/2" x 7 1/4" x 4 1/4".

**Readrite Tube Checker**  
Models 430 and 431

The new Readrite Model 430 is an up-to-date tube checker in every respect. Tests all tubes that have been announced up to date including the new Octal tubes. Two simple controls in conjunction with the English reading Good-Bad meter provide a complete and accurate test of the tube's condition. Only one button to push to obtain tube reading. Two additional controls are on test set. One for adjusting line voltage and the other for obtaining correct filament voltage for tubes. Five sockets handle all 4, 5, 6, 7, and the new 8 prong Octal tubes. Tubes are tested under actual working conditions. Meter gives an efficient and positive means for checking all shorts and the slightest leakages. Two meters are furnished in instrument: Triplett D'Arsonval type moving coil meter for tube tests and Readrite Shadow type A.C. Voltmeter for adjusting line voltage. Meters protected against damage from accidental over-loads. All parts mounted on metal panel with numerals and scales lithographed. Contained in combination counter and portable carrying case of quartered Oak.

K12385—Model 430. With Triplett Meter.  
YOUR PRICE **\$17.64**

K12386—Model 431. With Readrite Meter.  
YOUR PRICE **\$14.11**



## Model OC-A R. F. Signal Generator



**New 1937 Model**

- Added Features
- Improved Performance
- Lower Price

K12310—Model OC-A Oscillator. Complete with tubes and hand drawn calibration curves.

YOUR PRICE **\$29.35**

**All-Wave Continuously Variable**—Covers the complete I.F., Broadcast and Short-Wave bands from 100 kc. to 30 mc. with fundamental output frequency, on five bands without skips.

**25-Inch Tuning Dial**—Each frequency band is spread over a dial length of 25 inches allowing a maximum accuracy of setting. Error never exceeds one tenth of one percent. Only C-B oscillators offer this length of dial scale, without which it is futile to attempt accurate receiver alignment.

**Guaranteed 1/2 of 1% Accuracy**—Each instrument is hand calibrated against crystal controlled oscillators. Exclusive circuit design and new heavier mechanical construction assure permanence of this accuracy under the most severe operating conditions.

**New Dual Attenuator Design**—offers smooth control of output voltage to a new lower minimum necessitated by recent high sensitivity receiver designs.

**Motulated, Unmodulated R. F. and Sine-Wave 400 cycle Audio Outputs**—cover every need for radio receiver alignment as recommended by all set manufacturers. I.F. output has pure sine wave modulation.

**Uses Metal Tubes**—One type 6C5 r.f. oscillator, one type 6C5 separate audio oscillator and one type 84 rectifier are used in an improved generating circuit of extreme stability.

**Adaptable to Use with Cathode-Ray Oscillograph**—Used with the C-B Model 81-A Frequency Modulator, this instrument becomes complete for Cathode-Ray alignment in conjunction with any standard Cathode-ray Oscillograph.

**Power Supply**—Operates from 110 volt 60 cycle a.c. line by means of a new power circuit which completely eliminates all possibility of line feedback and prevents shifting of frequency with variation of line voltage. See listing below for battery operated model.

## Model OD-A — Battery Operated R. F. Signal Generator

Specifications same as for above instrument except operates from self-contained battery supply. K12311—Complete with tubes, less batteries. YOUR PRICE **\$29.35**

## Model 99 R. F. Signal Generator

Output Calibrated in Micro-volts



**Revolutionary Advance In Oscillator Design**

**Reads R.F. Output Directly In Micro-volts for Accurate Measurement of Receiver Sensitivity.**

K12312—Model 99, complete with tubes.

YOUR PRICE **\$43.02**

**Calibrated r.f. output** is provided for several hundred dollars, by this outstanding achievement in instrument design.

**Continuously Variable 100 kc. to 60 mc.** On Fundamentals—Uses new high frequency type metal tubes and ion-lanthe insulation for absolute stability at highest frequencies.

**Uniform Voltage Output Plus Calibrated Attenuator**—A combination of electrical and mechanical developments make possible this, the first test oscillator reading directly in microvolts. Attenuator is cast aluminum with every hot lead fully shielded.

**No Wave Change Switch**—In place the exclusive C-B Roto-Inductor is used, eliminating lead losses and shifts of calibration.

**Guaranteed 1/2 of 1% Accuracy**—Each instrument hand calibrated against crystal oscillators and supplied with 8 1/2 x 11" individual curve sheets for each band.

the first time, at a cost of less than \$1000.00. Introduced in the Model 99. Audio Modulation may be instantly adjusted to any desired value. Pure sine wave shape adapts the instrument to Cathode-Ray application.

**Audio Test Voltage Attenuator**—when the 100 cycle sine wave audio is used for test purposes, it may be attenuated to any desired level.

**Double Shielding Case**—the entire instrument is surrounded by two shields with ample spacing between, to further assure complete elimination of strays that would otherwise affect accuracy of output calibration.

**Cathode-Ray Application**—may be used with the Model 81-A Frequency Modulator to provide wobbled output of the "fixed sweep width" type for calibrating receiver selectivity curves.

**Line Operated**—directly from 110 volt 60 cycle a.c. Power supply has the most carefully isolated design to prevent r.f. energy radiation to the receiver through the power circuit

## Model OM-A Frequency Modulated R. F. Signal Generator



Uses a new simplified method of "wobble" that affords more stable operation and permits either single or double trace calibrated selectivity curve on oscilloscope.

K12313—YOUR PRICE

**\$56.60**

By switching off the frequency modulator, the MODEL OM-A becomes a conventional oscillator for portable or other service when a Cathode-ray oscillograph is not available.

## With the new "INDUCTOR-SWEEP"

All rotating condensers, commutators, and unstable electronic discharge circuits have been eliminated in the new sweep circuit design developed by Kendall Clough. Instead, a small copper disc is rotated by a magnet synchronous motor in the field of the inductor in the oscillating circuit, thus securing a uniform inductance change and the C-B constant width sweep.

**Single and Double Trace Selectivity Curves**—are both offered for the first time by a single instrument. Various designs feature one or the other type curve, but only the Model OM-A gives you the choice of both.

**Calibrated Selectivity Curve**—since the Model OM-A produces a uniform sweep or "wobble" of plus and minus 20 kc. at every test frequency, it is possible to employ a screen on the cathode ray tube calibrated directly in kilocycles.

**Continuously Variable 100 kc. to 30 mc.**—the five band "Roto-Inductor" assembly and 25 inch tuning dial for each band make possible hand calibration of this instrument to an accuracy of 1/2 of 1%, a precision unequalled by any other frequency modulated oscillator.

Used With Output Meter or Any Oscillograph—when the sweep motor is stopped, the Model OM-A becomes a 400 cycle audio modulated oscillator for use with an output meter. As a frequency modulated oscillator, it may be used with the Model CRA or any standard oscillograph.

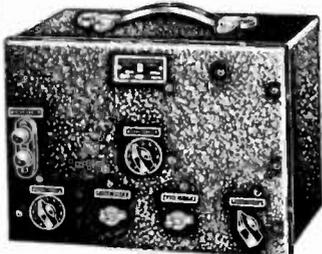
**Metal Tubes**—employs a type 6C5 as the variable oscillator, a type 6C5 as the 1650 frequency modulated oscillator, a type 6C5 as the audio oscillator, type 6C7 for mixing and a 2Z1 rectifier.

**Jack for External Audio Modulation**—provides for wide range audio testing of receivers in conjunction with a variable audio oscillator such as the Model 79. This is an important test when servicing the modern high fidelity receiver.

**Accurate Reading Plus Band-Spread**—the Model OM-A offers 25 inches of dial length for tuning each band, which is especially important in I.F. alignment. Ordinary oscillators with 3 or 6 inch dials cannot be set with greater than 2 kc. accuracy on the I.F. whereas the Model OM-A can be deadbeat to any I.F. test frequency.

**Power Supply**—operates directly from any 110 volt 60 cycle a.c. line. Special models available for 25 cycle.

## Model 81-A Frequency Modulator



Employs the new C-B INDUCTOR SWEEP principle to provide constant sweep width frequency modulation from any r.f. signal generator. Applied to your oscillator without any alterations and consequent destruction of calibration. Oscillator output leads connect directly to the Model 81-A and this instrument in turn connects directly to the receiver under test.

K12314—Model 81-A Frequency Modulator complete with tubes.

YOUR PRICE **\$33.57**

May be used with any oscillator to form a "fixed-sweep" frequency modulated unit for production of calibrated selectivity curves on the screen of any Cathode-ray oscillograph.

This instrument may be combined with the r.f. test oscillator you are now using to form the equivalent of the Model OM-A described above. The Model 81-A is essentially the wobbled (1650kc.) frequency oscillator, mixer tube, power supply, INDUCTOR SWEEP, and output attenuator of the Model OM-A placed in a separate unit for use by service men who own a good modern test oscillator and do not wish to replace it. The output of the test oscillator is fed directly into the mixer tube of the Model 81-A and thus the plug-in Jack placed in parallel with the tuning condenser and its resultant affect upon frequency calibration are eliminated. Operates directly from 110 volt, 60 cycle a.c. Dimensions 11 1/2" wide, 8 1/2" deep, 8 1/2" high. Ship. Wt. 20 lbs.

## Cathode-Ray Service Manual

Here is another great contribution to the progress of radio service engineering. A big volume of practical radio servicing information compiled by P. L. Sprayberry, famed author of "The Practical Mechanics of Radio." It contains all the combined experience of the great radio teacher, plus the engineering data accumulated by C-B engineers, the pioneer builders of Cathode-Ray servicing equipment. Covers the alignment of all type of radio sets, amplifier overload and receiver component testing, radio testing, etc. Supplied FREE to Radioek customers with purchase of Models CRA, OM-A, or 81-A.



## Improved Model CRA Oscillograph

Many new features have been added to this very popular model



K12315—Cathode-Ray Oscillograph complete with all tubes including 3-inch Cathode-Ray tube

**YOUR PRICE \$82.81**

Cathode-ray equipment has proven its value to the servicemen. Modern high fidelity receivers with variable selectivity, more complicated A.V.C. circuits and the increasing use of dual function tubes demand new and more scientific methods.

For Service Engineers, now backed by the new Clough-Brengle "Cathode-Ray Servicing Manual" which brings you the complete procedure for not only receiver alignment, but also the newly developed methods of tube, vibrator, condenser testing—and in fact of every component in the radio set—an entirely new and wider scope is opened

for the application of this equipment to modern servicing. The Model CRA Cathode-Ray Oscillograph offers in one complete unit: linear sweep circuit, horizontal amplifier, vertical amplifier, and complete power supply for the 3-inch Cathode-ray tube. This improved series has all operating controls mounted on the front panel for extreme ease of operation and flexibility of control. Amplification gain of 57 giving a sensitivity of 0.4 RMS volts per linear inch of deflection. Equipped for holding calibration chart in stationary position before 906 tube. The etched silver and black front panel carries added designations that greatly simplify operation. Controls provide for adjustment of sweep frequency, beam focus, brilliancy and centering, horizontal and vertical amplification, and for lock-in to secure stationary image. Tubes furnished are one type 606 Cathode-Ray tube, one type 57, one type 2A5, one type 885, one type 80 and one type 81. Dimensions: 14" high, 8" wide and 18" deep. For 110 v. 60 cycle operation (other voltages and frequencies at slightly higher prices).

## Beat-Note Audio Oscillator

Model 79-A

K12316—Complete with four 6C5 tubes, one 5Z4 tube and one 6E5 Electron Eye Tube. Dimensions 9" high, 12 1/4" wide, and 2 1/4" deep.

**YOUR PRICE \$52.67**

Continuously variable from 50 to 10,000 cycles. Output voltage level across entire frequency range within one decibel. Output 27 volts to 5000 ohms. Suitable transformers for matching this instrument to other impedances may be obtained. Has built-in amplifier, and Type 6E5 Electron Eye Tube to indicate zero beat. Stability of calibration is of the best, as air condensers are used exclusively in the oscillating circuits and particular attention has been paid to similarity of oscillating circuits and the thermal characteristics of the completed instrument. Harmonic content less than 3%. Dial 8" long allowing the most accurate settings. Built-in power supply for operation from 110 volt, 50-60 cycle line. (Other voltages and frequencies at slightly higher prices).



## Model OB Beat-Note Audio Oscillator

K12317—Complete with tubes. **YOUR PRICE \$110.25**

Delivers a pure sine wave form to any audio circuit or any audio component under test. Continuously variable from 20 to 15,000 cycles per second. Accuracy within 2% of indicated frequency and wave form distortion less than 2%. Incorporates one fixed and one variable r.f. oscillator stage whose audible beat note is passed through a back to back demodulator stage into a push-pull audio amplifier, providing output voltage of 5 volts into standard 500 ohm load. Direct reading scale, divided into four bands, totaling 35 inches in length. Each instrument individually hand calibrated on Cathode-ray oscilloscope by use of Lissajous figures at 35 points. Built-in zero beat indication and balanced thermal effect thus requiring only a very short warming up period before thermal equilibrium is reached and perfect frequency stability is secured. Requires 6 volts for filament and 250 volts for plate or may be used with Clough-Brengle Model OB Power Supply. Dimensions 7" high, 17" wide, and 8" deep. Especially desirable for testing at any desired audible frequency; public address systems, theatre amplifiers, transmitter modulator units, speakers, and audio amplifiers in radio receivers to determine gain, loss or distortion.

## Model UDA Decibel Meter (Power Level)

Portable power level indicator of the improved constant impedance type for measuring the power level in an audio line, amplifier output or for monitoring visually in theatre, broadcasting and recording work. Large three and one-half inch meter scale is hand calibrated directly in decibels. Constant impedance attenuator and in steps of three decibels. Total range with attenuator, from minus 15 to plus 40 decibels. Complete in shielded metal carrying case, with built-in attenuator.

K12318—**YOUR PRICE \$24.11**



## Model 88 Vacuum Tube Voltmeter

K12319—Complete with tubes. For operation on 110-120 volt, 50-60 cycle current.

**YOUR PRICE \$41.65**

For measurement of AVC and other circuits where only extremely low current drain is allowable. May be used with test oscillator for measurement of gain per stage, matching of coils, checking preselectors and impedance measurements. Employs 4 1/2" fan type meter with knife edge pointer and extra long scale giving unusual accuracy and ease of reading. One of the most versatile and sensitive of Laboratory instruments. RMS voltage scale 0 to 1.2 volts, two peak voltage scales 0-10 and 0-100 volts. When the control unit is housed inside of the case, the input impedance of the voltmeter circuit is 10 megohms. Voltmeter input tube may be removed from case and a 2 1/2 ft. cord permits use directly at the point of measurement increasing the input impedance to that of the tube itself or 8 micro microfarads. Frequency error negligible under 30 megacycles. Uses one 6E5 and one 5Z4 aged and Laboratory tested metal tubes. Portable metal case, black wrinkle finish. Dimensions 10" long, 10" wide and 4 1/2" deep.



## Model 95 Super-Unimeter

K12309—Model 95 SUPER-UNI-METER. **YOUR PRICE \$46.79**

Reads capacity up to 16 mfd. and resistance up to 20 mega. directly on the long scales of two 4 1/2" fan-type meters. Built-in power supply eliminates all battery cost and inaccuracies. Additional ranges are: D.C. Volts 0.5-50-500-1000, D.C. M.A. 0.5-50-500, A.C. Volts 0.5-40-100-200-300. Five resistance ranges cover from 1/2 ohm to 20 megs. Three capacity ranges offer direct, accurate readings from .00025 mfd. to 16 mfd. The 4 1/2" fan-type meters offer scale lengths that are fully 50% longer than those of the usual analyzer. Rotary selector switches eliminate the usual nuisance of pin-tip jacks for range selection.



## Model 85A Improved UNIMETER

A low cost point-to-point analyzer and all-purpose component tester.

K12320—Complete with battery. **YOUR PRICE \$24.45**

This new C-B instrument features new compact size plus a larger fan-type meter having a 4-inch scale, D'Arsonval movement meter. Zero adjustment. Knife edge pointer.

SCALES—separate scales for A.C., D.C. and OHMS readings are provided. A selector switch makes available the following ranges: 0-15-150-750 Volts D.C.; 0-1.5-15-150 M.A. D.C.; 0-15-150-750 Volts A.C.; and 0-100, 0-20,000, 0-2,000,000 ohms. The 0-100 ohms scale is of the shunt type greatly reducing battery drain and allowing the reading of values down to 1/2 ohm.

RECEIVER OUTPUT MEASUREMENT—terminal posts for inserting a condenser in the A.C. voltage ranges to block out the direct current.

EQUIPMENT—furnished complete with battery and leads. Black crackled finished metal case.

DIMENSIONS—8 1/4" high, 5" wide and 4 1/4" deep. Shipping wt. 8 lbs.

## Complete Service Laboratories

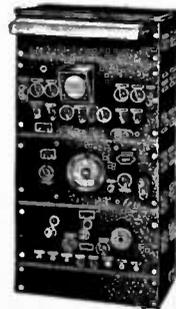
Equip your shop with one convenient, prestige building cabinet, containing your choice of the C-B instruments described on these pages. The Model 94 Laboratory Cabinet holds standard 19" rack panels to a total height of 37 1/2 inches, and is finished in green crystals with silver finished trim to cover panel mounting bolts. You can buy additional instruments as needed.

K15890—Laboratory Cabinet. **YOUR PRICE \$17.64**

K15891—Lumaline Floodlight. **YOUR PRICE \$6.86**

C-B Rack Mounting Panel Models

Stock Number	C-B Model Number	YOUR PRICE
K12321	CRA-R	\$97.76
K12322	OMA-R	73.01
K12323	79-AR	54.41
K12324	99-R	44.28
K12325	OCA-R	33.23
K12326	95-R	53.65



# Dependable Tube and Condenser Tester

With Large 4½" Fan Type Meter



For 105-120 Volt  
50-60 Cycle  
Operation

### Counter Model

**K12355**—Model 305C—Assembled and wired complete. Housed in sturdily constructed, fibroid covered wood case. Etched metal sloping panel.

Size 14½" x 7¼" x 4"  
**YOUR PRICE ..... \$21.51**

### Counter Model Kit

**K12356**—Model 305KC—Complete Kit of parts for constructing above tester.

**YOUR PRICE ..... \$17.30**

Tests all types of glass bulb and All-Metal Octal tubes without adapters. New laboratory fan type meter with knife edge pointer has English reading scale marked "Poor", "Doubtful" and "Good". Five sockets on panel. Extra points on switches for wiring in sockets to test future new tubes. Only three adjustments for tube quality test. Tests both plates of full-wave rectifiers. Line voltage adjustment meter.

### Short and Leakage Test

Shorts or leakage between any tube elements are indicated on a sensitive neon lamp. A ten point switch makes possible individual tests of all tube elements. A special hot Cathode leakage test in addition to the "Neon" leakage test is provided. This test positively detects tubes that cause fading, noise, and either permanent or intermittent distortion.

### Condenser and Resistance Tester

Tests all paper, mica, and electrolytic condensers for capacity, leakages, shorts or opens. Capacity range .001 to .25 and 1 to 10 Mfd.; Resistance 100 to 10,000 to 100,000 ohms. Supplied with charts.

### Portable Model

The above model housed in leatherette covered combination counter and portable carrying case. Removable hinged cover. Space for tubes and tools.

Size 14½" x 7¼" x 4"  
**K12357**—Model 305P. Completely wired.

**YOUR PRICE ..... \$24.01**

**K12358**—Complete kit of parts not wired, with carrying case.

**YOUR PRICE ..... \$19.45**



# New Improved "Million" Neon Glow

## Tube and Condenser Tester

K12373—  
YOUR PRICE

**\$9.95**



A low priced instrument which provides essential receiver testing and analyzing functions. Uses a sensitive neon glow indicator. Tests all tubes including the new octal Metal Envelope types by the cathode emission method. Requires only three simple adjustments of rotary type switches to make any test. Tube quality is accurately indicated by neon lamp when emission control is properly set. Hot inter-element neon leakage test up to 6 megohms, with a comparative test to determine the approximate resistance—an essential feature for testing amplifier tubes used with iron core I.F. transformers.

### Condenser and Resistance Tester

Tests all paper and mica condensers for shorts and leakage and electrolytic condensers for leakage and polarity. Measures resistance directly up to 10,000 ohms and to 6 megohms by comparative neon lamp readings. Can be used as neon resistance indicator for coil alignment.

### Line Adjustment

Transformer primary tapped for operation on any line voltage from 90-120 volts 50-60 cycle A.C. Rugged metal black crackle finished case. Very compact, only 7½" x 3".

# New Philco Model 088 All-Wave Signal Generator



**K12365**—With tube, less batteries.

List Price, \$32.50.

**YOUR PRICE ..... \$19.11**

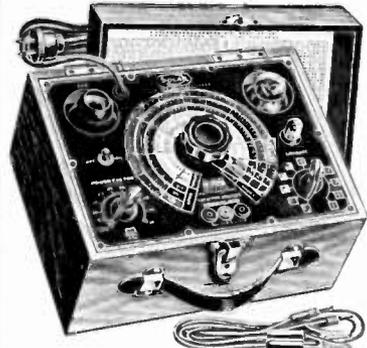
All necessary cables and Instructions included.

### Battery Operated

A completely self-contained, and portable All-Wave oscillator for aligning I.F. and r.f. circuits in all types of receivers. Generates fundamental frequencies from 110 to 20,000 kilocycles. No harmonics. Five overlapping wave bands give continuous coverage. All frequencies are clearly marked on the full vision scales in large easy to read numerals. No charts, graphs or curves to bother with. A 5 to 1 ratio smooth ball bearing vernier control drive permits accurate settings. Plainly marked range selector switch on front panel. The electron coupled circuit employs one type 1C8 dual purpose tube. One section of the tube produces a 400 cycle note which modulates the r.f. oscillator. Two binding posts are provided for the output circuit which is attenuated by a smooth control of the potentiometer type. Coils are individually adjusted with non-drift paddlers which provides precision calibration. Batteries required are 1-45 volt "B", (K70), 1-22½ (K66) volt "B", and 2-30, 2 Cells (K98). See battery page. Entire assembly is housed in a black crackle finished metal case. Satin finished, chromium plated panel. Extremely attractive appearance. Will produce a precision job of alignment on any type Radio receiver. Size: 10" x 6¾" x 2½" wide.

# New Improved Solar Capacitor—Analyzer and Resistance Bridge

## 10 Outstanding Features



**K12370**—Complete with test leads, neon lamp, 6' cord and plug. 1-6E5 and 1-IV type tubes required, but not supplied. For operation on 105-120 volt 50-60 cycle current.

**YOUR PRICE ..... \$19.20**

### New Improved Design

A real scientific instrument, and a real time, trouble, and money saver. Do not confuse this new improved precision instrument with the old style obsolete equipment offered at lower prices. Supplied in an attractive oak finished cabinet, with removable top and strong carrying handle. Sizes 9½" x 7" x 6¼" inches. Ship. Wt. 10 lbs.

- 1—Accurately measures capacity of all types of electrolytic, paper, mica and air condensers. Also measures capacity between circuit wiring, etc. Capacity range .00001 to 70.0 mfd. 2—Measures Power Factor of all types of electrolytic condensers directly on a separate scale calibrated zero to 50%. Thus the filtering efficiency of condensers can be determined.
- 3—Accurately measures resistance of all types of carbon and wire-wound resistors by means of a built-in bridge. Two large scales provide accurate resistance measurements from 50 to 2,000,000 ohms.
- 4—Quickly measures leakage resistance of paper, electrolytic condensers and all types of insulation up to 1,000 megohms. This test may be made at voltages up to 450 volts D.C., provided by a built-in power supply using a type 1V rectifier tube.
- 5—Directly indicates leaky, shorted, low capacity, high capacity, and high power factor condensers of both the usual and intermittent types.
- 6—May be used as continuity meter for testing all types of circuits.
- 7—More than 45 linear inches of accurately calibrated markings on five color-coded scales, for convenient capacity and resistance measurements.
- 8—All measurements are made simply and directly and no calculations or references to complex graphs or charts are necessary. Overlapping scales eliminate "blind spots" and assure accurate readings at all times.
- 9—Simple operation. A type 6125 cathode ray tube, used as a visual bridge detector, gives a positive indication of balance on all capacity, resistance and power factor measurements.
- 10—Complete in itself and requires no external meters, standards, headphones, or similar accessories.

# Meter Repair Service



### BEFORE AFTER

Guaranteed Precision Meter Repair Service for burned out or mechanically damaged meters. Erratic movements corrected. Any make, any range of A.C. or D.C. movement may be repaired in our special Instrument Laboratory. Typical rates given below, on special sizes send meter for quote. Send Prepaid. We return Collect.

1. Burned out or open armatures of standard 301 type 2½" meters, including polishing of jewels, position correction, three point calibration.

**YOUR COST ..... \$3.75**

2. Repair of sluggish or Erratic movement of A.C. or D.C. meter where armature is not burned or shorted, includes cleaning and calibration.

**YOUR COST ..... \$2.95**

3. Replacement of cracked or broken Glass in addition to any of the other services, add to cost of other services ..... **90c**

The prices above are only for the replacement of parts specified as being supplied in each repair service. Any additional parts required, such as pointers, springs, zero adjuster, Jewel screws, case, etc., will be charged for at the lowest prices.

# Monarch SIGNAL Generators

## Model 32 Signal Generator

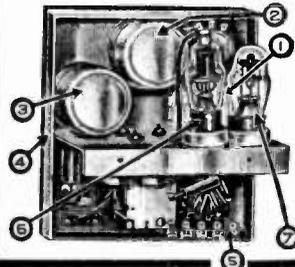


- Frequency Range 125 Kc. to 29 Mc.
- Output 5 to 100,000 Microvolts
- Ladder Type Attenuator
- Effectively Shielded
- Full Vision Dial—Ratio 8:1
- Modulated or Unmodulated Output
- 400 Cycles for Audio Measurement
- 110 Volts AC-DC Operation

Servicemen this oscillator is the finest and most accurate oscillator available at our low price. Especially designed for radio service work, where laboratory type equipment is not a necessity. Engineered to meet all the requirements of radio service work on all present day broadcast and all-wave radios. Do not be misled by cheap outfits of poor design, using inferior parts and inadequate shielding. We guarantee that this oscillator is made of high quality parts, is properly designed and will perform in a manner that will permit proper servicing of any radio.

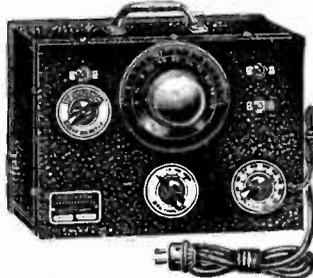
K12380—Complete with tubes and operating instructions. For operation on 110 Volt AC or DC current.  
List Price, \$48.00.  
**YOUR PRICE .. \$27<sup>05</sup>**

Frequency range 125 kilocycles to 29 megacycles on five bands. 6th scale along outer edge calibrated 0-100. Approximately 44 inches of dial length. Easy to read calibrations. Rotary type selector switch. R.F. Output is modulated by a separate 400 cycle audio oscillator and is also available unmodulated. 400 cycle oscillator may be used for measurements and test of audio amplifiers. Fully shielded ladder type attenuator continuously variable from 5 microvolts to .1 volt



- ### Features
- 1—All Coils Shielded.
  - 2—Shielded Attenuator.
  - 3—Shielded Power Supply Line Filter.
  - 4—Double Shielded Panel.
  - 5—Individual Trimmers for Adjusting All Ranges to Conform with Dial Scales.
  - 6—Type 12A7 Rectifier and Audio Oscillator.
  - 7—Type 37 R.F. Oscillator Tube.

## Model 12 Signal Generator



Designed to meet the requirements of either the radio manufacturer, the radio service man, the radio dealer, or the radio engineer. A high quality signal generator with features found only in expensive laboratory equipment. This exact same instrument was up until now supplied only to radio set manufacturers. We guarantee that this instrument will outperform any other makes of oscillator in this price class.

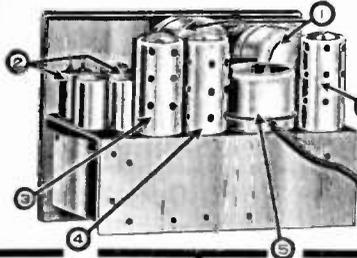
K12381—Complete with tubes and instruction book. For operation on 110-115 volt, 50-60 cycle current.

List Price, \$70.00.  
**YOUR PRICE \$41<sup>16</sup>**

For all alignment and testing purposes of sensitivity, electricity, power output, overload characteristics, A.V.C., squeak circuit action, audio measurements and test, etc. Frequency range of 100 kilocycles to 27 megacycles is covered on five bands, the desired one of which is selected by means of a plainly marked five position switch. All on fundamentals (no harmonics). Each band is individually calibrated at five points with quartz crystal oscillators. Accuracy 1%. Vernier dial with speed reduction knob is calibrated 0-100 and is supplied with hand drawn calibration curve charts for each band. An audio frequency of 400 cycles is used for modulation and external uses for test of audio amplifiers. Switch on panel supplies modulated or unmodulated carrier, Switch No. 2 for A.F. or R.F. output. Step

attenuator has continuously variable divider for providing an RF output of .5 microvolt to .1 volt. Attenuator is calibrated in microvolts. Attenuated A.F. output. All inductances are hermetically sealed. All R.F. circuits are completely shielded within the case. Power supply input is shielded preventing line losses. Effective filter system prevents radiation back into power line. Leakage is practically negligible even at highest frequency making it possible to work on sensitive receivers and auto radios. Black crackle finished case has metal carrying handle. Size 10 1/2" x 7 1/2" x 5 1/2" deep.

- ### Features
- 1—Completely Shielded Output Control and Step Attenuator.



- 2—Shielded RF Coils.
- 3—Type 37 AF Oscillator Tube.
- 4—Type 41 RF Oscillator Tube.
- 5—Completely Shielded Power Supply Line Filter.
- 6—Type 84 Rectifier Tube.
- 7—Double Shielded Tank Circuit.

## "Million" Tube Tester and Point to Point Analyzer



K12374—For 110-120 Volt 50-60 Cycle Operation. Complete with test leads.

YOUR PRICE  
**\$26<sup>95</sup>**

Point-to-point analyzer and emission type tube checker. 1—Tests all Tubes both standard glass and metal base types in terms of "Bad", "Doubtful", and "Good" quickly and accurately. 2—Interleaved Neon Test. Detects all shorts or leakages up to 6 megohms while tube is hot. 3—Separate Diode Tests individually checks each element of multi-purpose tubes. 4—Neon Condenser Tester shows shorted, leaking, or open paper and electrolytic condensers. 5—Measures Capacity directly on calibrated meter scale from .01mf. to 3mf. 6—D.C. Voltmeter range: 0-10-50-500 at 1000 ohms per volt. 7—D.C. Milliammeter range: 0-1-10-100. 8—D.C. Ammeter range: 0-10, for auto radio testing. 9—Ohmmeter ranges 0-5000 ohms and 0-3 megohms on two scales without use of batteries. Large 3 1/2", 0-1MA. D'Arsonval movement meter. Rotary switches enable selection of any range for circuit testing and adjustments for tube testing. Tip jacks on panel for point-to-point analysis. Line voltage adjustment. Black crackle finished metal case fitted with rubber feet. Size: 10"x11"x3" high. 7" rubber cord and plug.

## "Million" Tube Tester With Neon Leakage Indicator



K12375—For 110-120 volt, 50-60 cycle operation.

YOUR PRICE  
**\$18<sup>95</sup>**

Provides a quick and accurate emission test of all tubes including octal base, metal glass tubes with metal shell, etc. Tube quality is accurately indicated on a large English reading 3" meter with 0-1MA. D'Arsonval movement in terms of Bad, Doubtful, and Good.

### Neon Leakage Test

Each element of tube is checked for shorts or leaks while tube is hot. Leaks up to 6 megohms will light the sensitive neon lamp. This light compared with standards provided tells the resistance of the tank. Amplifier tubes must not show over one megohm when used in sets employing iron core r.f. or i.f. transformers. Neon indicator can also be used to test for shorted, leaking or open paper and electrolytic condensers.

### Easy to Operate

Plainly marked escutcheons on all controls eliminates confusion. Only three simple adjustments are necessary for tube quality test. Line voltage reading directly on meter. Black crackle finish metal case fitted with rubber feet. Light and compact. For counter or portable use. Size 10" long, 7" wide, 3" high. Ship wt. 8 lbs.

## Special Output Divider

For Model 12 Monarch Oscillator  
K12382  
YOUR PRICE .. **\$1.18**

Divider for decreasing the output of the 50 microvolt output to 5 microvolts, thus making it possible to check even more sensitive radio receivers. Connects to output terminal leads of signal generator. Ratio of decrease in output, 10 to 1.

## "Million" Multi Tester AC-DC Volt-Ohm-Milliammeter

For All Point-to-Point Analysis

K12376—Complete with test leads and battery.

YOUR PRICE  
**\$18<sup>95</sup>**

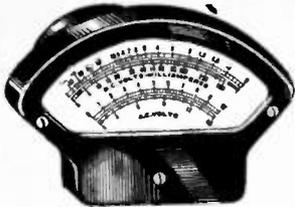
Universal Volt-Ohm-Milliammeter for all Point-to-Point radio receiver analysis. All necessary ranges are available: AC and DC Volts, 0-15-150-300-600 at 1000 ohms per volt resistance. DC Milliamperes, 0-30-300. Ohmmeter, 0-3000-300,000; with self contained batteries and to 3 megohms with external batteries; 50 ohms at mid-scale. Large 3 1/2" meter. 0-1 Ma. D'Arsonval movement. Easy to read scales. Zero adjustment. Knife edge pointer. Rotary type range selector switch. Circuit connections brought out to tip jacks on panel. Zero ohms adjustment compensates for battery deterioration. AC-DC volts and high and low ohms toggle type switches on panel. Clearly marked bakelite panel. Black crackle finish metal case fitted with rubber feet. Size 8x5x3" deep. Kinkless heavy duty test leads.

Make Radolek your source of supply for everything in Radio. If the item you require is not listed in your Radolek Profit Guide we will get it for you—promptly and at the lowest dealer prices. Don't split your order.

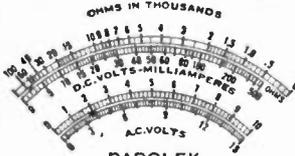


# New Radolek-Beede Universal AC-DC Foundation Meter

O-1 M.A. D.C., D'Arsonval Movement



## Dial Scale Makings



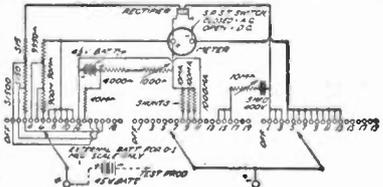
RADOLEK

## Universal AC-DC Multitester Kit

All necessary resistors and shunts are supplied to obtain all the ranges specified. Completed tester will have 5% accuracy on all scales and 1000 ohms per volt on D.C. volt ranges. Condenser and potentiometers convert A.C. volt ranges for output measurements. Potentiometers are also used for full scale ohms adjustment necessary to compensate for battery deterioration and for output measurement adjustment in setting scale to any desired reading.

### Resistor and Rectifier Assembly

Eight semi-precision Continental Carbon resistors, three wire wound shunts and meter rectifier as-



Fan type  $4\frac{1}{2}$ " meter. Actual scale length  $3\frac{3}{4}$ ". Accuracy 2%. Knife-edge pointer. Sapphire jewel bearings. Laterally wound coils. Non-corrosive fatigueless springs. White enameled dial face with clear black figures. A front zero adjuster assures a constant zero return of pointer. Black bakelite case. Dust proof construction throughout. Scale markings exactly same as in the illustration at right. Dimensions: Body length  $4\frac{1}{2}$ " height  $3\frac{3}{4}$ ". Round projection on back of meter extends  $1\frac{1}{2}$ " and mounts in a  $2\frac{1}{2}$ " round hole.

K10478—Meter only. No rectifier or resistors included.  
YOUR PRICE.....

**\$441**

### 16 Ranges On Five Scales

- 1—Four D.C. Milliampere ranges: 0-1, 0-10, 0-100, and 0-1000.
- 2—Three A.C. Volt ranges: 0-10, 0-100, and 0-1000.
- 3—Three A.C. Volt ranges: 0-15, 0-150, and 0-1500.
- 4—Three Ohmmeter ranges: 0-500, 0-100,000, and 0-1 megohm.
- 5—Three Output Ranges: 0-15, 0-150, and 0-1500.

Designed particularly for use with external rectifier, resistors, and shunts to build up a multi-range AC-DC volt-ohm-milliammeter employing the parts kit and wiring diagram illustrated below. Meter has 50 ohms internal resistance and requires 1 milliamperer for full scale deflection.

## Selector Switch Contact Designations

sembled and wired on bakelite strip for mounting directly on meter terminals. Lug terminals on strip for connections to selector switch and potentiometers. Strip shunts mounted extends  $6\frac{1}{4}$ " down from meter terminals. 3" wide.

### Selector Switch Contact Designations

- |                      |                         |
|----------------------|-------------------------|
| 1. 0-15 Volts A.C.   | 9. 0-100 M.A. D.C.      |
| 2. 0-150 Volts A.C.  | 10. 0-1 Amp. D.C.       |
| 3. 0-1500 Volts A.C. | 11. 0-500 Ohms          |
| 4. 0-15 Volts D.C.   | 12. 0-100,000 Ohms      |
| 5. 0-100 Volts D.C.  | 13. 0-1 Megohm          |
| 6. 0-1000 Volts D.C. | 14. Low Output Volts    |
| 7. 0-1 M.A. D.C.     | 15. Medium Output Volts |
| 8. 0-10 M.A. D.C.    | 16. High Output Volts   |

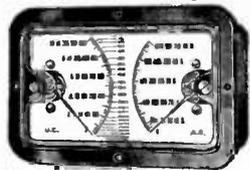
### Essential Parts Kit

K12353—Contents: Strip with all resistors, shunts and rectifier assembled and wired. Two Yazley Type C midget potentiometers, one .5 mfd., 400 volt condenser and one S.P.S.T. toggle switch.  
YOUR PRICE.....

**\$995**

K11095—Triplet three deck, 19 point selector switch for above kit. Pointer knob included.  
YOUR PRICE.....

**\$1.96**



## New Triplet Twin Meter Combination A.C.-D.C. Volt-Ohm-Milliammeter

K10293—Triplet Model 120 Combination Meter. List Price, \$15.50.  
YOUR PRICE.....

**\$1012**

Consists of two separate complete  $3\frac{1}{2}$ " meter movements mounted in a single rectangular bakelite case, size  $4\frac{1}{2}$ "x $2\frac{1}{2}$ "x $1\frac{1}{2}$ " deep, with overall flange size,  $5\frac{1}{2}$ "x $3\frac{3}{4}$ ". The D.C. meter has a d'Arsonval jeweled bearing .5 ma. movement. Ranges: 0-10-50-250-500-1000 D.C. Volts, 2000 ohms per Volt; 0-1-10-50-250 Milli; 0-1500-150 meg.-3 meg. Ohms. The A.C. meter is a movable iron repulsion type with sapphire jeweled bearings. Ranges: 0-10-50-250-500-1000 A.C. Volts. Knife edge pointers. Zero adjustment. Easily read scales. Accuracy of both A.C. and D.C. meters within 2%.

### Essential Parts

Required with Above Twin Meter for Building A.C.-D.C. Volt-Ohm-Milliammeter

K10294—Complete kit of resistors and shunts. List, \$10.75.  
YOUR PRICE.....

**\$7.01**

K10295—Rheostat Assembly for ohms zero adjustment. List, \$2.50.  
YOUR PRICE.....

**\$1.65**

K11094—Selector Switch (2 deck, 20 points). List, \$2.50.  
YOUR PRICE.....

**\$1.63**

K7559—5 Mfd. Condenser for output measurements. List, 35c.  
YOUR PRICE.....

**21c**

K10296—Complete set of Blue Prints and Instructions. List, \$1.00.  
YOUR PRICE.....

**66c**

**Special Triplet Twin Instruments**  
The New Twin Triplet Instrument illustrated above is furnished in any combination of A.C. or D.C. instruments. Both meters are mounted in the Bakelite case which requires a minimum of space and offers greatest convenience in service. The price of the Twin instrument is the total of the prices quoted for the two separate  $3\frac{1}{2}$ " Inch Instruments selected as listed on the opposite page.

## New Tube Condenser Analyzer

Indicates "Opens"—"Shorts"—Identifies All Condensers as "Satisfactory" or "Replace"



Compact and Complete

A scientific test instrument developed by Tube. All types of condensers are quickly and accurately tested under normal operating voltage conditions. Leaky, Open or Intermittent Units are easily detected. Easy to operate. The proper setting of the three controls adjusts the circuit for the condenser under test. Paper, mica and oil condensers are tested by measuring the D.C. resistance under voltage. A "Relaxation Oscillator" circuit using a 201A tube in a special rectifier circuit is employed. A special neon glow lamp is the indicator. Electrolytic condensers are analyzed by determining the leakage current at rated voltage. Voltages up to 700 volts D.C. may be applied to any condenser under test. Condenser Analyzer is supplied in a slanting panel metal cabinet. Black wrinkle finish. Two 30" long test leads are attached. Insulated alligator clip connections. Power supply cord and plug. Condenser Analyzer Operating Chart, Neon Glow Lamp and complete instructions included. 201A tube not supplied. Operates on 105-120 volt 50-60 cycle current.

K12371—  
YOUR PRICE.....

**\$11.40**

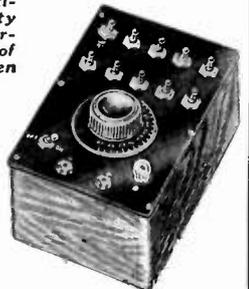
## Radolek

## Condenser "Box"

Supplies Capacity from .0001 to Over 15 Mfd!

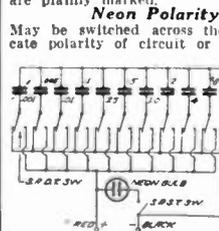
A Device for Quickly Substituting Capacity Values in a Circuit Suspected of Having an Open Condenser.

K12352  
YOUR PRICE  
**\$6.95**



Contains a calibrated straight line variable condenser of 0.001 Mfd. maximum capacity and the following non-polarized 450 volt condensers: .0005; .01; .025; .05; .1; Mfd. Three electrolytic filter condensers rated for 450 volt circuits: 2, 4, and 8 Mfd. respectively. Any of these capacities may be combined in parallel to secure a net value, the sum of the individual capacities. Each condenser is controlled by a RPDT toggle switch. This switch automatically discharges its individual condenser when not in use. Switches are plainly marked.

**Neon Polarity Indicator**  
May be switched across the test circuit to indicate polarity of circuit or presence of alternating current. Case is of genuine walnut with inter-locking joints assuring rigidity. Size  $5\frac{1}{2}$ "x $3\frac{3}{4}$ "x $4\frac{1}{2}$ " deep. Supplied with pair of 24" test cords with banana spring tip prongs and alligator spring clips. This is the best value on the market in a Condenser Test Box.



## Compact Volt-Ohm Meters

Exceptionally compact circuit testing instruments; easily fit into the pocket. Service engineers will find them especially useful, handy and convenient, where larger and expensive instruments require

more space and time. The units have self contained batteries. Batteries are easily replaced by removing the back. Precision and Simplex; size,  $1\frac{1}{2}$ "x $2\frac{1}{2}$ "x $3\frac{3}{4}$ ". 30" test leads attached.

### Precision



K10280—  
Your Price  
**\$7.79**

Ranges: 0-5-50-500 D.C. Volts at 1000 ohms per volt. 0-500, 0-1000 Ohms. Moving coil type meter. "O" adjustment. Accuracy 2%. Ohmmeter has adjustment for battery deterioration. Black bakelite case.

### Simplex



K10281—  
Your Price  
**\$3.23**

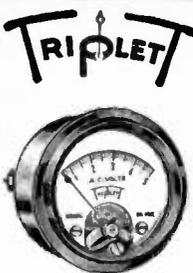
Ranges: 0-30-300 D.C. Volts 0-10, 0-100 Ohms. Magnetic vane type meter. Adapted for purposes where precision is not necessary and low resistances are handled. Attractive walnut bakelite case.

### Portable



K10282—  
Your Price  
**\$2.30**

Convenient as a pocket watch. 3" Diameter,  $1\frac{1}{2}$ " deep with 24" test leads. Range 0-10, 0-1000 ohms, 0-300 D.C. volts.



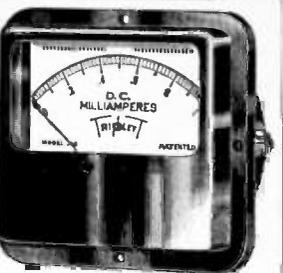
# PRECISION METERS

## D'Arsonval Moving Coil Type

Accuracy Within 2% at 70°F.

Rugged dependable meters for radio service, experimental, and educational use. Clear white enamelled dials. Balanced aluminum indicating pointer. Zero adjustment. Genuine polished sapphire jewelled bearings.

Models 321 D.C.—331 A.C. Flush Type, wide flange. 3 1/2" diameter. Scale length 2 3/4". 2 3/4" mounting hole required. Bakelite case. Models 223 D.C.—233 A.C. Flush Type. Fits into 2" hole. Metal case has narrow rim. Mounts with rear clamp. Models 326 D.C.—336 A.C. 3" Square Type. Scale length, 2 3/4". Wide flange. Bakelite case. 2" Mounting hole required.



Meter Range	3 Inch Square Model 326		3 Inch Round Model 321		2 Inch Round Model 223	
	Stock Number	Your Price	Stock Number	Your Price	Stock Number	Your Price
<b>D. C. MILLIAMPERES</b>						
0-2 Mills.	K10184	\$7.84	K10199	\$7.84	K10214	\$6.86
0-.5	K10185	6.04	K10200	6.04	K10215	5.06
0-1	K10186	<b>\$4.58</b>	K10201	<b>\$4.58</b>	K10216	<b>\$3.75</b>
0-1.5	K10187		K10202		K10217	
0-5	K10188	<b>\$3.75</b>	K10203	<b>\$3.75</b>	K10218	<b>\$2.94</b>
0-10	K10189		K10204		K10219	
0-50	K10190		K10205		K10220	
0-100	K10191		K10206		K10221	
0-200	K10192		K10207		K10222	
0-500	K10193		K10208		K10223	
	K10194	K10209	K10224			

<b>D. C. AMPERES</b>						
Meter Range	Stock Number	Your Price	Stock Number	Your Price	Stock Number	Your Price
0-1 Amps.	K10195	<b>\$3.75</b>	K10210	<b>\$3.75</b>	K10225	<b>\$2.94</b>
0-10	K10196		K10211		K10226	
0-25	K10197		K10212		K10227	
20-60-20	K10198		K10213	K10228		

<b>A. C. MILLIAMETERS</b>						
Meter Range	3 Inch Square Model 336	3 Inch Round Model 331	2 Inch Round Model 233			
0-15 Mills.	K10229	K10235	K10241			
0-50	K10230	K10236	K10242			
0-500	K10231	K10237	K10243			

<b>A. C. AMMETERS</b>						
Meter Range	Stock Number	Your Price	Stock Number	Your Price	Stock Number	Your Price
0-1 Amps.	K10232	<b>\$3.75</b>	K10238	<b>\$3.75</b>	K10244	<b>\$2.94</b>
0-3	K10233		K10239		K10245	
0-10	K10234		K10240		K10246	

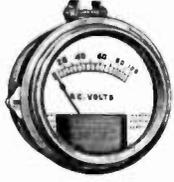
Meter Range	3 Inch Square Model 326		3 Inch Round Model 321		2 Inch Round Model 223	
	Stock Number	Your Price	Stock Number	Your Price	Stock Number	Your Price
<b>D. C. VOLTMETERS</b>						
<i>125 Ohms Per Volt</i>						
0-10 Volts	K10115	<b>\$3.75</b>	K10127	<b>\$3.75</b>	K10139	<b>\$2.94</b>
0-50	K10116		K10128		K10140	
0-150	K10117		K10129		K10141	
0-250	K10118	\$4.58	K10130	\$4.58	K10142	\$1.75
0-500	K10119	6.04	K10131	6.04	K10143	5.06
0-1000	K10120	9.31	K10132	9.31	K10144	8.33

<b>D. C. VOLTMETERS</b>						
<i>1000 Ohms Per Volt</i>						
Meter Range	Stock Number	Your Price	Stock Number	Your Price	Stock Number	Your Price
0-10 Volts	K10121	\$ 5.39	K10133	\$ 5.39	K10145	\$ 4.24
0-100	K10122	5.71	K10134	5.71	K10146	5.06
0-300	K10123	6.53	K10135	6.53	K10147	5.71
0-500	K10124	7.18	K10136	7.18	K10148	6.53
0-15-150	K10125	7.18	K10137	7.18	K10149	6.53
0-15-6-300-600	K10126	10.29	K10138	10.29	K10150	9.14

<b>A. C. VOLTMETERS</b>						
Meter Range	3 Inch Square Model 336	3 Inch Round Model 331	2 Inch Round Model 233			
0-1.5 Volts	K10151	K10162	K10173			
0-100	K10152	K10163	K10174			
0-5	K10153	K10164	K10175			
0-10	K10154	K10165	K10176			
0-25	K10155	K10166	K10177			
0-50	K10156	K10167	K10178			
0-100	K10157	K10168	K10179			
0-150	K10158	\$ 4.58	K10169	\$ 4.58	K10180	\$ 3.75
0-300	K10159	5.39	K10170	5.39	K10181	4.73
0-750	K10160	8.33	K10171	8.33	K10182	7.51
0-1000	K10161	10.45	K10172	10.45	K10183	9.63

### Readrite D.C.

Without Zero Adjustment



### Panel Meters

With Zero Adjustment



Model 55

Good serviceable instruments. Guaranteed accuracy within 5% in both types. Suitable for practically all purposes except precision engineering. Requires 2-5/64" mounting hole. White dial, black lettering, metal shell. Clamp included to hold meter tight against panel. Screw connections with binding nuts in rear. ZERO ADJUSTMENT TYPE has screw mounted on face which controls idle position of meter.

Without Zero Adjustment				With Zero Adjustment			
Stock Num.	Your Price	Scale Volts	Ohms Resist.	Stock Num.	Your Price	Scale Volts	Ohms Resist.
K10300		0-1	30	K10313		0-1	30
K10301	<b>59c</b>	0-3	175	K10314	<b>73c</b>	0-3	175
K10302		0-6	550	K10315		0-6	550
K10303		0-5	850	K10316		0-5	850
K10304		0-8	410	K10317	<b>59c</b>	0-8	410
K10305	<b>59c</b>	0-10	1,475	K10318		0-10	1,475
K10306		0-15	2,914	K10319		0-15	2,914
K10307		3-0-3	550	K10320	3-0-3	550	
K10308		0-25	1,825	K10321	<b>73c</b>	0-25	1,825
K10309		0-50	3,250	K10322		0-50	3,250
K10310	.88	0-100	6,500	K10323		1.03	0-100
K10311	1.03	0-150	9,750	K10324	1.18	0-150	9,750
K10312	2.65	0-500	154,400	K10325	2.79	0-500	154,400

Without Zero Adjustment				With Zero Adjustment			
Stock Number	Your Price	Scale M. A.	Ohms Resist.	Stock Number	Your Price	Scale M. A.	Ohms Resist.
K10326	\$1.32	0-5	2,160	K10338	\$1.47	0-5	2,160
K10327	1.18	0-10	700	K10339	1.32	0-10	700
K10328	<b>59c</b>	0-25	85	K10340	<b>73c</b>	0-25	85
K10329		0-50	20	K10341		0-50	20
K10330		0-100	5.5	K10342		0-100	5.5
K10331		0-200	1.9	K10343		0-200	1.9
K10332		0-400	.5	K10344		0-400	.5
K10333	<b>59c</b>	0-1	K10345	<b>73c</b>	0-1	K10345	<b>73c</b>
K10334		0-3	K10346		0-3	K10346	
K10335		0-5	K10347		0-5	K10347	
K10336		0-10	K10348		0-10	K10348	
K10337		20-0-20	K10349		20-0-20	K10349	

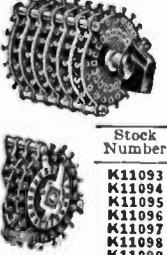
Readrite Model 55 A. C. Meters			
Stock Number	Scale Volts	Your Price	Stock Number
K10350	0-4	<b>\$1.62</b>	K10355
K10351	0-10		K10356
K10352	0-15		K10357
K10353	0-150	\$2.65	K10358
K10354	0-750	4.56	

Resistance Meter			
Readrite Model 501			
K10360—YOUR PRICE ... <b>\$1.62</b>			
Direct reading volt ohmmeter. 0-4 1/2 volts, 0-10,000 ohms. 2" flange type meter. Requires 4 1/2 volt battery in series with the meter and resistance. Accuracy within 10% with fresh batteries.			

Filament Meter			
Very Special Value			
Oxidized Bronze Finish, flanged cases 2 1/2 in. diam. Mount 2-in. hole.			
K10359—0-10 volts D.C. List. \$1.00. YOUR PRICE ... <b>29c</b>			

Readrite Meter Flange			
Wide flange 2 3/4 inches diameter. Fits any Model 55 Meter for flange mounting. Three screw holes. Screws included. Black finish.			
K10361—List. 15c. YOUR PRICE ... <b>9c</b>			

### Multi-Deck Selector Switches

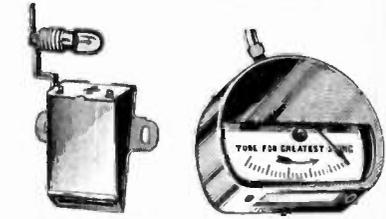


Especially designed for use in testing equipment. 10 active and 1 off positions per deck. Smooth operating, new positive click type. Low resistance contacts. Single hole mounting. Bakelite insulation. Bakelite pointer knob included.

Stock Number	Decks	List Price	Your Price
K11093	One	\$2.00	\$1.30
K11094	Two	2.50	1.63
K11095	Three	3.00	1.96
K11096	Four	3.50	2.29
K11097	Five	4.00	2.62
K11098	Six	4.50	2.94
K11099	Seven	5.00	3.27

### Readrite Tuning Meters

For Accurate Visual Tuning



For replacement in A.V.C. sets. With Type TM103 circuit is brought into resonance when needle swings to farthest point. Has opaque dial with window at bottom for illumination from tuning dial light. Type TM121 has shadow effect to indicate resonance. Narrowest shadow appears when circuit is in resonance. To select proper tuning meter, it is necessary to know plate current of tubes with which used. Less escutcheon. Type TM121 supplied with 6.3 volt bulb.

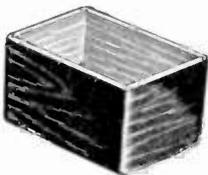
Full Scale Deflection	Type TM103	Type TM121	YOUR PRICE
5 M.A.	K10362	K10366	<b>88c</b>
10 M.A.	K10363	K10367	
15 M.A.	K10364	K10368	
	K10365	K10369	<b>Each</b>
Escutcheons	K10370	K10371	<b>18c</b>

## Professional Type INSTRUMENT CASES

Reduced Prices!

High quality walnut or oak cases. Natural finish, hand rubbed and lacquered. Especially designed for custom built test equipment. They give to your equipment that professional laboratory appearance. Exceptionally strong and sturdy. Rugged but graceful. Interlocking corner joints. Rounded corners. Sizes are arranged to accommodate standard sizes of "C" batteries and to allow ample clearance below meter studs and for resistors, switches, etc.

### Standard Model—Less Cover



**Oak or Walnut**  
K15800 — For Panel 4 1/2" x 7". Inside size: 4 1/8" wide, 6 1/4" long, 3 1/2" deep.  
**YOUR PRICE, EACH ..... 79¢**

K15801 — For Panel 5 1/2" x 8 1/2". Inside size: 4 3/4" wide, 7 3/4" long, 4 1/2" deep.  
**YOUR PRICE, EACH ..... 95¢**

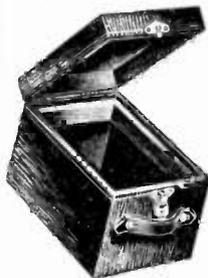
### Portable Model—With Cover



**Oak or Walnut**  
Cover allows 1 1/2" inside clearance above panel. Panel fits flush inside lower section. Cover is detachable.  
K15802 — For Panel 4 1/2" x 7". Inside size: 4 3/8" wide, 7" long, 3 3/4" deep.  
**YOUR PRICE, EACH ..... \$1.59**

K15803 — For Panel 5 1/2" x 8 1/2". Inside size: 5 1/2" wide, 8 1/4" long, 4 1/4" deep.  
**YOUR PRICE, EACH ..... \$1.95**

### Portable Case—With Cover



**Imitation Leather Covered**  
Body built of thin but very strong wood. Covered outside and top rim with finest quality black leatherette. Attractively grained. This case will stand years of hard service. Takes any 5 1/2" x 8 1/2" panel. Leather handle. Detachable cover with clasp lock. Height 6 1/2" inches.  
K15804 —  
List Price, \$3.50.  
**YOUR PRICE .. \$1.69**

## Black Bakelite Test Panels

For Instrument Cases

Polished Bakelite to fit Professional Type Instrument Cases. Supplied square. Corners must be filed round to fit exactly on the standard model cases.

K11300—1 1/2" x 3 1/2" x 7"	Net Each	52¢
K11301—2" x 3 1/2" x 7"	Net Each	59¢
K11302—2 1/2" x 3 1/2" x 7"	Net Each	67¢
K11303—3" x 3 1/2" x 7"	Net Each	79¢
K11304—3 1/2" x 3 1/2" x 7"	Net Each	89¢

## Improved Analyzer Instrument Case



**Oak or Walnut**  
K15805—  
**YOUR PRICE \$2.45**

A professional type carrying case for your portable instruments. Takes standard 7" x 14" x 1 1/2" bakelite panel listed above. Partition for panel support

provides room for analyzer cable, test leads, etc. Inside dimensions 8 1/2" x 14" x 3 3/4" deep. Slipping cover has 1 1/2" inside clearance above panel. Metal handle, suitcase latch type catch. Lacquer finish without stain leaves the rich walnut grain with its natural appearance. This handy size case enhances the appearance of your custom built test equipment. Impress your customers by the professional appearance of your instruments.

## Radolek—Triplet

0-1 MA Foundation Meters



3 1/2 Inch  
K10290—

**\$4.66**

5 1/4 Inch  
K10291—

**\$6.67**

Black Bakelite Cases  
d'Arsonval Movement

Accuracy 2%  
Dimensions: 3 1/2" meter; Flange 3 1/4"; body Diam. 2 3/4"; depth back of panel 1 1/2"; Dimensions: 5 1/4" meter; Flange 5 3/4"; body Diam. 4 3/4"; depth back of panel 1 1/2". White enamel dial with clear black figures. Knife Edge Pointer: Assists in the consistent portions of the ohmic scale in determining the exact resistance value. A front zero adjuster assures a constant zero return of pointer. Dust-proof construction. Tungsten steel magnet and sapphire jeweled bearings.

Designed particularly for use with external resistors and shunts to build up multi-range D.C. voltmeter and a dual scale ohmmeter employing the wiring diagram illustrated below. Meter has 50 ohms internal resistance and requires 1 milliamperes for full scale deflection. Resistors for voltage ranges are calculated at 1000 ohms per volt allowing the 50 ohms of internal resistance as sufficient for 50 millivolt. The meter may be made to read current by use of standard shunts for

**Continental Carbon Resistor Kit**  
For use with the above Radolek Triplet Foundation Meter for obtaining all the ranges specified. Included are: 1-4000 ohm, 1-10,000 ohm, 1-40,500 ohm, 1-90,000 ohm and 1-400,000 ohm fixed resistors; 1-50 ohm semi-variable resistor and 1-1000 ohm Yaxley type C Potentiometer.

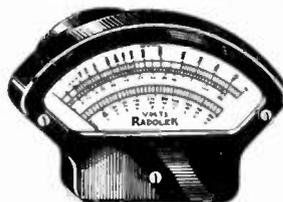
**Carbon Kit—For Volt-Ohm-Milliammeter**  
K3985—Guaranteed Accuracy 5%  
Carbon Resistors. **YOUR PRICE ..... \$1.92**

**Precision Kit—For Volt-Ohm-Milliammeter**  
K3986—Guaranteed Accuracy 2%  
Wire Under Precision Resistors. **YOUR PRICE \$4.29**

Circuit Diagram for Obtaining All the Meter Ranges Specified Above.

## Radolek—Beede

0-1 MA Foundation Meter

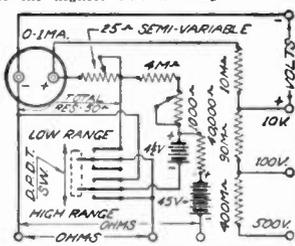
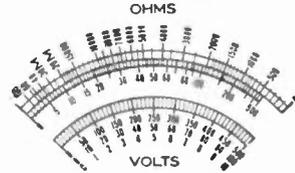


Fan Type  
4 1/2 Inch  
K10475—  
**YOUR PRICE \$4.41**

Black Bakelite Case  
d'Arsonval Movement

Accuracy 2%  
Dimensions: Body Length 4 1/2"; height 3 3/4". Round projection on back of meter extends 1 1/2" and mounts in a 2 1/2" round hole. Actual scale length 3 3/4". Knife-Edge Pointer. Sapphire jewel bearings. Laterally wound coils. Non-corrosive fatigueless springs. White enameled dial face with clear black figures. A front zero adjuster assures a constant zero return of pointer. Dust proof construction throughout. Scale markings exactly the same as in the illustration at left.

50 ohm meter resistance or by use of hand calibrated manganin wire shunts. Special Ohm Scale The high ohm scale assumes a current of 1 M.A. flowing through the meter and full scale deflection of the pointer. Shunting the meter with an unknown resistance causes a lower scale reading. (50 ohms appears at midscale.) The high ohm scale is the standard type requiring a 450 ohm resistance in series with a 4 1/2 volt battery. This scale indicates 4500 ohms at midscale and 100,000 ohms at the highest ohm marking.



## Bakelite Bar Knobs

Tapered Pointer Type for Test Instruments



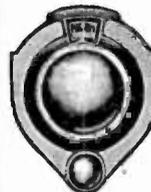
Replace old style round knobs. Have standard 3/8" hole with set screw. White pin line indicator. Furnished in black or brown bakelite.  
K11375—1 1/4" Black.  
K11376—1 1/4" Brown.  
K11377—2 1/4" Black.  
K11378—2 1/4" Brown.  
**YOUR PRICE, EACH.. 9¢**  
10 for 82¢

## Circuit Opening Twin Tip Jacks



Circuit opens when both pin tips are in place. Closed while either one alone is in position. Used in Selective Analyzers for opening circuits for current measurement or for voltage measurements between elements without opening circuit. Mounts above or below panel with standard 3/8" screw. 1/2" holes required with 3/8" centers for use under panels less than 1/8" thick.  
K11200—No. 432.  
**YOUR PRICE, EACH ..... 15¢**

## Bakelite Vernier Dial



No gears to strip. No back-lash. Friction drive. Ratio 14 to 1. 3 inch translucent scale marked 100.0-100 may be illuminated from the rear. Fits 1/2 inch shaft.  
K10625—3" Black Bakelite.  
K10626—4" Black Bakelite.  
K10627—4" Brown Bakelite.  
**YOUR PRICE, EACH.. 40¢**

## Full Wave

## Copper Oxide Rectifier



Type A 5 Milliamperes Capacity

Miniature copper oxide rectifier. Guaranteed the finest made. For connecting D.C. instruments drawing less than 5 milliamperes to A.C. instruments. Insulated silk covered wire leads, plainly marked. Cross section 3/8" square. Mounting hole centers 3/8".  
K3850—YOUR PRICE ..... **\$2.15**

Type B 20 Milliamperes Capacity

Size 7/8" round discs, 3/8" long. Medium miniature size copper oxide rectifier for use in A.C. circuits of less than 5000 cycles frequency and rectifying not over 20 milliamperes D.C. May be used for external connection to D.C. meters employed in special capacity measuring circuits. Has 6-32 mounting bolt insulated from rectifying section.  
K3851—  
**YOUR PRICE ..... \$1.88**

Type C 40 Milliamperes Capacity

Size 3/4" round disks, overall size 1 1/8" x 1". Copper oxide rectifier for A.C. circuits of less than 5000 cycles frequency and not to exceed 40 milliamperes D.C. current. Excellent for rectification of 110-115 volt A.C. current for field excitation of dynamic speakers with 250 to 300 ohm field. Not recommended for electrolytic rectifiers in Willard, Exide or Philco "B Eliminators" within 40 mill. limits. Only servicemen familiar with copper oxide rectifier principles should attempt this replacement.  
K3852—YOUR PRICE ..... **\$1.75**

# SIMPSON 1937 Radio Test Equipment

## Simpson Model 200 Roto Ranger Analyzer



### The Roto Ranger—A New Revolutionary Improvement

Every serviceman using an analyzer has been confronted constantly with the problem of distinguishing between the several ranges, using multiplying and dividing factors, and the analyzing of sets quickly, accurately and profitably. The patented ROTO RANGER solves all of these problems and many more.

Gone is the complicated scale, the necessity for multiplying and dividing, the difficulty in reading, the need for cramped calibrations, the possibility of errors. The roto-dial with its twelve independent scales, eliminates the necessity of observing metric relationship in calibrating scales, with the result that every scale has an ideal, practical, useable range.

Note that there is just one long, clear scale visible. But now move the selector to any one of its twelve ranges and a corresponding scale, equally simple, equally legible, will come into view. The selector automatically switches the circuit and dial simultaneously. The following individual ranges are available.

- 0-8, 0-130, 0-1000 A.C. Volts
- 0-8, 0-300, 0-1000 D.C. Volts\*
- 0-1, 0-8, 0-130 D.C. Milliamps
- 0-100 Ohms (Center scale 5)
- 0-50,000 Ohms (Center scale 1400)
- 0-2 Megohms (Center scale 21,000)
- \*at 1000 ohms per volt.

### For Both Socket and Point to Point Analysis

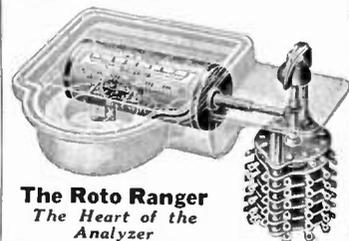
All resistance, voltage, and current readings are secured through the 9 conductor analyzer cable, plugged into the receiver sockets. Tests can be made without removing chassis from the cabinet. Nine pairs of circuit opening tip jacks are incorporated for point to point testing. Any pair of these jacks can be connected by jumpers to the meter reading jacks. By making connections in this manner and placing analyzer plug into radio set tube socket, quick and accurate measurement of potentials of every tube element can be made. By connecting one side of meter to ground, voltage and current measurements from each tube element to ground can be made. Test leads may be inserted into tip jacks on panel for continuity tests.

### 4 1/2" Rectangular Meter

Has five sockets. Tests all tubes including the new 8 prong Octal base metal and glass types, direct from the receiver socket—Flexible point system of analysis is used, by which the receiver chassis, or any element of the tube acts as a reference point for all measurements. Meter has D'Arsonval movement with sapphire jewelled bearings. Meter zero adjustment is provided. Meter is accurate within 2%. Knife edge pointer.

### Only One Selector Switch

Single range selector switch meter ranges and analyzing operations. Each individual range has its separate scale making a total of 12 separate and distinct scales. Two tip jacks conveniently mounted on panel extend each range for a complete external test. Two separate tip jacks connected to A.C. ranges through a series condenser are provided for output measurements. Zero ohms adjustment provides for accuracy in resistance measurements by compensating for battery deterioration.



**K12430**—The Roto Ranger Analyzer with the New Roto Ranger. Supplied with 9 conductor analyzer cable and plug, socket adapters, test leads, self-contained batteries and complete instruction manual. Housed in a leatherette covered case with removable cover. Dimensions: 12" wide, 12 1/2" high, 6 1/2" deep. Ship. Wt., 22 lbs. **\$48<sup>02</sup>**  
YOUR PRICE .....

### Extremely Accurate

Built to a high standard of precision. New patented magnetic meter circuit insure amazing accuracy at all points on the dial. Permanently dependable. Rugged and serviceable. The New Roto Ranger feature combines the equivalent of 12 separate individual meters in one analyzer—twelve independent scales that flash into view in synchronism with the range selector. No maze of scales. No multiplying or dividing.

## Simpson All-Wave Signal Generators

Continuously Variable from 94 Kilocycles to 26 Megacycles — all on Fundamentals

A new modern direct reading, triple shielded, signal generator. Fine design workmanship assures permanently dependable performance with a high order of accuracy. Heavy aluminum castings employed throughout insure proper shielding and make a low or high output level possible.

A single rotary selector switch provides modulated, unmodulated, externally modulated radio frequency and 490 cycle audio output. All of these signals are controlled through the attenuator from practically zero to a sufficient

level to meet all servicing requirements.

Six ranges assure ample spacing of all frequencies for accurate setting. Complete broadcast band covered on single range. Exclusive circuit employed to furnish exceptionally good wave form and frequency stability.

Large, easy to read, 5" airplane dial with pointer controlled through a special heavy vernier gear train free from back lash. Approximately 45" of dial scale length. Heavy 3/16" thick beveled plate glass over dial.

**RANGE**—Continuously variable from 94 kilocycles to 26 megacycles—ALL ON FUNDAMENTALS. Divided into 8 bands, 94-216 Kc., 215-550 Kc., 550-1500 Kc., 1.5-4.0 Mc., 4.0-10 Mc., 10-26 Mc., selected by means of a 6 position rotary switch.

**CALIBRATION**—Each of the six bands individually calibrated at 5 points with quartz crystal oscillators. Maximum change in original calibration over long periods of time are less than 1%.

**ATTENUATOR SYSTEM**—A unique ladder-type attenuator is used to control the output level. A low inductance tapered potentiometer allows half of the full rotation for the first 10% of the maximum volume, resulting in vernier control at the important low levels.

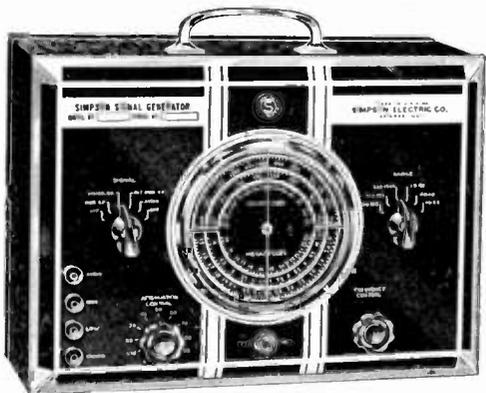
**OUTPUT VOLTAGE**—The output voltage is variable from approximately .5 microvolts to .2 volts in two steps: using both the low and high output jacks. This voltage controlled by the tapered potentiometer is preferable to an evenly calibrated output dial of which only a small portion, at the two levels, is used frequently.

**MODULATION**—A separate tube is used to provide modulation of the carrier at 400 cycles. The separate modulating tube in the particular circuit used has resulted in exceptionally good wave form and low harmonic content as viewed on a cathode ray oscilloscope.

**AUDIO FREQUENCY SIGNAL**—An extra switch is provided which disconnects the radio frequency input to the attenuator and impresses the 400 cycle modulator voltage only. Attenuation of this 400 cycle voltage is secured by manipulation of the same attenuator controls and a maximum signal of about 5 volts is available.

**CONSTRUCTION FEATURES**—The entire instrument is very ruggedly constructed to withstand the hard usage apt to be received by portable instruments. Entire assembly is housed within a cast aluminum housing and mounted within a welded steel case to which a convenient carrying handle is attached.

**DIMENSIONS**—Size of case 12 1/2" long, 9" high, 8" deep. Shipping weight 28 lbs. Metal case is finished in black lacquer with an attractive silver and black finished front panel.



### For A. C. Line Operation

Oscillator, modulator and rectifier tubes of the new all-metal type, 1-6J7 and 2-6C5. All parts of the Power Supply including transformer and elaborate filtering system are mounted on an individual plate in a separately shielded compartment. Entire power pack can be removed without disturbing the oscillator circuit. Line cord, connecting leads etc. are conveniently housed in compartment in rear of case.

**K12431**—Model 210. For operation on 105-120 volt, 50-cycle A.C. curr. Complete with tubes, accessories and full operating instructions. **\$48<sup>02</sup>**  
YOUR PRICE .....

### For Battery Operation

Employs two type 30 tubes. The 4.5 and 22.5 volt batteries are housed in a separate compartment completely shielded and easily removed without disturbing the oscillator circuit leads conveniently housed in rear compartment.

**K12432**—Model 211. For battery operation. Complete with tubes and batteries and full operating instructions. **\$38<sup>71</sup>**  
YOUR PRICE .....

# Newest Analyzer Plugs and Adapters

## Grid Clips, Studs, and Adapters Double Grid Clip

For All-Metal Octal Tubes

Permits grid cap connections to be made on both the regular glass bulb type and new All-Metal tube caps. Housed in a bakelite case. Completely insulated. Fitted with 15" lead and tip jack.

K11415—List Price, 30c. **18¢**  
YOUR PRICE, EACH.....  
K11416—Without Lead..... 12c

## Grid Clip Adapter

Plugs into regular grid clip. Permits making grid connection on All-Metal tube grid caps without additional wiring. Clip end fits All-Metal tube grids. Solid end fits in standard grid clip.

K11417—List Price, 15c. **9¢**  
YOUR PRICE.....

## Double Grid Terminal Stud

For attaching to the grid lead of analyzers in place of the single grid stud. Permits connecting on one end of the stud all of the regular glass bulb tube caps. The other end of stud is for connecting the smaller grid caps used on the All-Metal tubes.

K11418—List Price, 10c. **6¢**  
YOUR PRICE.....

## OCTAL Screw Stud

Grid Terminal  
Replaces one of the large studs on old analyzer plug. For new metal tubes. Screws into same hole occupied by old stud.

K11419—**6¢**  
YOUR PRICE.....

## Nickel Plated Brass Grid Clips

for All-Metal Tubes  
Spring tension. Positive contact. Brass, nickel plated.

K11420—**21¢**  
YOUR PRICE, 10 for.....

## With Solder Lug

K11421—Grid clip with tubular metal terminal for making convenient and neat soldering connection. Brass, nickel plated.  
YOUR PRICE, **29¢**  
10 for.....

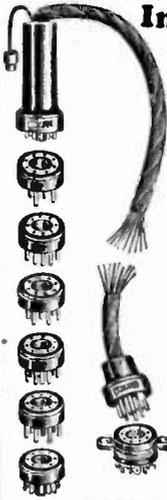
## Non-Locking Plug and Wired Adapter Kit



## For Glass and Octal All-Metal Tube Sockets

Consists of a large 7 prong bakelite plug with detachable handle, five moulded bakelite wired adapters and a double grid terminal stud. Wired adapters have large 7 hole tops and 4, 5, 6, small 7 and Octal 8 prong bases. No cable is supplied for the analyzer plug. On page number 123 is listed suitable 8 conductor cable for making plug connections. Dual grid stud may be wired-in at plug and also connected to eight wire for grid connection at analyzer. Plug is only 2 1/2 inches high. Diameter of adapters only 1 1/2 inches. Convert your "Point to Point" tester for use as an analyzer or modernize old test equipment with this kit. At our low price no serviceman can afford to be without it.  
K12000—List Price, \$3.50.  
Your Special Net Price **\$1.95**  
Complete Kit. Only.....

## Improved Latch-Lock Plug With Improved Adapters



New type of moulded bakelite analyzer plug and adapters for modernizing your present test equipment for building your own analyzer. Five adapters are required for the 4, 5, 6, 7 large and 7 small prong glass bulb tubes, and one adapter for the new All-Metal (Octal) Tubes. Adapters are locked to analyzer plug by a latch type lock. A double control grid stud fits both the glass bulb type and All-Metal tube caps. Plug base is fitted with a special key guide making it impossible to incorrectly place into adapters. Body length of analyzer plug only 2 1/2". Adapter height less than 1/2". Diameter of plug base and adapters only 1 1/2". Enters all closely shielded sockets and is no higher than the tube itself.

K12007—Latch-Lock Type Analyzer Plug only with dual grid stud. Less cable. **\$1.47**  
List Price, \$2.50. YOUR PRICE.....

K12008—Latch-Lock Type plug with wired in dual grid stud and 5 ft. of nine wire cable attached. Completely assembled. List Price, \$4.00. **\$2.31**  
YOUR PRICE.....

K12009—10 prong cable plug and ten hole socket for mounting on analyzer panel. List Price, \$1.50 **88¢**  
YOUR PRICE.....

## COMPLETE Analyzer Plug, Cable, Cable Plug, Socket and Adapters

Latch-Lock type analyzer plug with 5 ft. nine wire cable and wired in dual grid stud. Cable is fitted with a ten prong finger grip type cable plug. A ten hole socket is included for mounting on analyzer panel. (Ninth contact in center). 6 shielded adapters for testing both the new All-Metal Octal eight prong Tubes and regular glass bulb tubes included. See listing of special adapters at right for using plug in bio-helix octal sockets.  
K12010—Complete Kit. List, \$11.50. **\$6.76**  
YOUR PRICE.....

## Associate Adapters

For use with the above analyzer plug in all glass tube sockets and All-Metal Tube 8 hole sockets.

Stock Number	Prongs Base	For Tubes	Price Each
K12011	4	Glass	<b>59¢</b>
K12012	5	Glass	
K12013	6	Glass	
K12014	7S	Glass	
K12015	7L	Glass	
K12016	8	Metal	

Special adapters for use with Octal sockets not having 8 holes.

K12017	7	Metal	<b>59¢</b>
K12018	6	Metal	
K12019	5	Metal	
K12020	6	Metal	

\*For 5Z4

†For 6F5

## Latch-Lock Type Analyzer Plug and Adapter Kit



Moulded bakelite 7 prong small base analyzer plug with detachable handle. Handle has one built-in grid connection for glass bulb tubes and another for All-Metal tubes. Particularly recommended for use in replacing worn out plugs on last years test equipment where it is not desirable to rewire circuit to use the new 8 prong kit listed above. Plug is equipped with special latch for locking adapters to plug. Latch is dead eliminating possibility of shock. Body of plug 3" long. Moulded bakelite latch type adapters have 3/4" high bodies.

K12025—Analyzer plug only. No cable. List, \$1.50 **88¢**  
YOUR PRICE.....  
K12026—Analyzer plug with 5 foot 8 wire cable attached. List, \$2.50 **\$1.47**  
YOUR PRICE.....

K12027—Special 8 hole socket for analyzer panel below for use with 8 prong cable terminal plug. For use with above kit. List, \$1.00. **59¢**  
YOUR PRICE.....

## Complete Kit Assembled and Wired

K12028—Analyzer plug with 5 foot 8 wire cable attached and five wire latch type adapters to fit all types of glass tube sockets and the new all-metal tube 8 hole Octal socket. 8 prong cable terminal plug attached and panel socket included. Complete as illustrated. See listing below for special adapters to fit Octal sockets having less than 8 holes. List Price, \$7.75. **\$4.55**  
YOUR PRICE.....

## Associate Adapters For Latch Type 7 Prong Plugs



Such sets as Atwater-Kent, Zenith, etc. have sockets with blocked holes. The regular 8 prong Octal adapter cannot be inserted in blocked Octal sockets.

Stock Number	Alden Number	Prongs Base	PRICE. EACH
K12029	974DSA	4	<b>44c</b>
K12030	975DSA	5	
K12031	976DSA	6	
K12032	977DSA	7L	

Stock Number	Prongs Base	PRICE. EACH
K12033	978MSAO	8
K12034	977MSAO	7
K12035	976MSAO	6
K12036	975MSAO	5 (5Z4)
K12037	975MSAO	5 (6F5)

## NA-ALD

## 950 GEM Universal Metal Tube Checking Adapter



K12050—List Price, \$6.50. **\$3.82**  
YOUR PRICE.....

Permits testing all types of All-Metal Tubes in the 36 sockets of any tube checker. A single unit containing three octal sockets for testing all types of the New All-Metal Tubes. Two toggle switches permit a complete test on every metal tube including both plates of the 5Z4, 6H6 and 6X7 double plate and tubes. Eliminates numerous individual adapters. Complete unit is housed in an attractive moulded bakelite case. Directions for testing are etched on a metal escutcheon plate. Case is fitted with large size stud terminal and the new small size metal tube grid cap. Dia. 3 3/4", hgt. 2 3/4".

## NA-ALD



950XYLA Multi-Adapter  
K12051—List Price, \$3.00. **\$2.94**  
YOUR PRICE.....

## Tests Over 120 New Glass Bulb Tubes

If your tube-checker will not check any of the following tubes, you need this adapter: 1, 4, V, 2A5, 2A6 (Dio.), 2A6 (Tri.), 2A6S (Dio.), 2A6S (Tri.), 2A7, 2A7S, 2B7, 2B7S, 2F7 (Pent.), 5Z3, 6A4, 6A7, 6A7S, 6F7, 6B7S, 6C6, 6C7, 6D6, 6D7, 6E7, 6F7 (Pent.), 6F7S (Pent.), 6Z3, 6Z4, 12Z3, 14, 15, 18, 19, 25Z5, 29, 33, 36, 36A, 38, 38A, 39, 39A, 41, 42, 43, 44, 45, 47, 48, 49, 52, 55 (Dio.), 55 (Tri.), 55S (Dio.), 55S (Tri.), 57, 57A, 57AS, 57S, 58, 58A, 58AS, 58S, 59, 59B, 64, 64A, 65, 65A, 68, 68A, 69, 70, 75 (Dio.), 75 (Tri.), 75S (Dio.), 75S (Tri.), 77, 78, 80, 80M, 81M, 82, 83, 83-V, 84, 85 (Dio.), 85 (Tri.), 85AS (Dio.), 85AS (Tri.), 85S (Dio.), 85S (Tri.), 87, 88, 88M, 89, 89B, 90, 92, 95, 96, 98, 257, 291, 293, 295, 98S, 98A, A.C. AF, AG, G2, G2S, G4, G4S, G84, GA, HZ50, K11, KR2, K14S, KR20, KR22, KR2S, KR28, LA, P5, P8S1, P, PZ, PZB, Wund, B, and Wund, BB. All the above tubes are checked with the 950 XYLA in the 24 socket of your tube checker, setting filament switch as directed.

## Special Unwired Analyzer Plug and Adapter Kit



## For Glass and All-Metal Tube Sockets

Moulded small 7 prong bakelite plug with detachable handle. Adapters have moulded bases and tops which protrude over the metal shell body. Analyzer plug body 2 1/2" high. Adapter bodies 1 1/2" high. Kit includes Analyzer Plug, Dual Grid Terminal Stud, Five Unwired Adapters for 4, 5, 6, 7L hole sockets and 8 prong Octal socket. Instructions for using analyzer plug and adapters included.  
K12001—Complete Kit. **\$1.35**  
YOUR PRICE.....

## Speaker and Analyzer

### Finger Grip Type



Bakelite body and cap. Finger grip cap covers connections, and unscrews from body.



Male Plugs	YOUR PRICE
K12100-4 prong	<b>18¢</b>
K12101-5 prong	
K12102-6 prong	
K12103-7S prong	
K12104-8 (octal)	
EACH	

Female Plugs	YOUR PRICE
K12105-4 prong	<b>24¢</b>
K12106-5 prong	
K12107-6 prong	
K12108-7S prong	
K12109-8 (octal)	
EACH	

### Flat Speaker Plugs



K12110-3 prong.	<b>9¢</b>
K12111-4 prong.	
K12112-5 prong.	
K12113-6 prong.	
K12114-7S prong.	
K12115-8 Octal.	
EACH	

Take up minimum space. Bakelite body. Cable leads solder into hollow prongs.

TEN FOR.....85¢

### Standard Speaker Plugs



K12116-4 prong.	<b>15¢</b>
K12117-5 prong.	
K12118-6 prong.	
K12119-7S prong.	
K12120-8 (octal)	
EACH	

Bakelite cap and base screw apart. Connections easily made by soldering in hollow prongs of base and are covered by cap.

### Analyzer Adapters For All-Metal Tubes

For modernizing analyzers not originally designed to test receivers employing the All-Metal tubes.

#### 8 Prong (Octal) Base—Small 7 Hole Top



K12055—For converting any small seven prong analyzer plug to analyze the circuits of All-Metal and "G" type tubes.

YOUR PRICE ..... **59¢**

#### 8 Hole (Octal) Top—Small 7 Prong Base



K12056—For accommodating all of the All-Metal and "G" type tubes in the small seven hole socket of any set analyzer.

List Price, \$1.00  
YOUR PRICE ..... **59¢**

## Sub Panel Sockets Wafer Type



### With Tube Locating Ring

#### Midget Size

Tubes easily and quickly inserted. Firm positive contacts. With mounting holes 1/4 inch centers. Overall length 1 1/2". Width 1 1/2".

Stock Number	Number Prongs	Price Each	Ten For
K12172	4	<b>5¢</b>	<b>45¢</b>
K12173	5		
K12174	6		
K12175	7S		
*K12176	8 (Octal)	<b>6¢</b>	<b>55¢</b>

### For New Octal Base Tubes.

#### Standard Size

Mounting holes 1 1/2 inch centers. Overall length 2 1/2". Width 1 1/2".

Stock Number	Number Prongs	Price Each	Ten For
K12177	4	<b>5¢</b>	<b>45¢</b>
K12178	5		
K12179	6		
K12180	7S	<b>5¢</b>	<b>45¢</b>
K12181	7L		

### Mike or Phono Adapters



K12141—5 Prong.  
K12142—6 Prong.  
K12143—7S Prong.  
K12144—8 Prong.  
for Octal (8 prong) tubes.

List Price, \$1.00.  
YOUR PRICE ..... **54¢**

Split cathode connections. Used as a phonoadapter or microphone adapter by inserting under detector or 1st stage audio tube.

### Wafer Adapters



With Lug Tabs  
Two discs of bakelite riveted together. Holes punched for tube prongs. In each hole is a metal contact connected to a lug. Lugs can be bent to any position.

K12150—4 prong. List Each 50¢.  
K12151—5 prong. YOUR PRICE  
K12152—6 prong. Each 12¢.  
K12153—7 prong. 10 for \$1.05

K12154—8 prong. For new Octal base All-Metal and "G" type tubes.  
YOUR PRICE, EACH ..... 19¢

### Universal Output Meter Adapter



Contacts plate prong. Insulated for shielded sockets. 5 foot lead with cord tip.  
K12140—List Price, 35¢.  
YOUR PRICE ..... **18¢**

## Multiposition Bakelite Sockets

Made of moided Bakelite with tube locating groove. Mounts without screws or rivets; held to chassis with locking ring of spring steel. Requires less space than the tube base. Mounts in 1 1/2" hole (large size 7 prong and 7 comb. in 1 3/8" hole). Very easy to mount. For use in material not over 3/8" thick.

### Supplied in Black and Red



Stock Num. Black	Your Price Each	Ten For	Number of Prongs	Stock Num. Red	Your Price Each	Ten For
K12212	6¢	55¢	4	K12219	7¢	65¢
K12213	6¢	55¢	5	K12220	7¢	65¢
K12214	6¢	55¢	6	K12221	7¢	65¢
K12215	6¢	55¢	7 small	K12222	7¢	65¢
K12216	6¢	55¢	7 large	K12223	7¢	65¢
K12217	7¢	65¢	7S-7L†	K12224	8¢	75¢
K12218	7¢	65¢	8*	K12225	8¢	75¢

### For Octal Base Tubes. †Combination

#### Universal Adapter Plate



Steel plate with hole for the Multi-position socket.  
Slotted mounting hole centers from 1 1/2" to 2".  
K12226—For 4, 5, 6, 7 small and 8.  
K12227—For 7 large and 7 comb.  
10 for.....10¢

#### Tube Shield Base



K12228—PRICE, EACH... **2¢**  
TEN FOR **18¢**  
When used with above moulded bakelite sockets securely binds the shield base to the chassis without the use of any rivets or screws. Cadmium plated rust proof metal. Fits all standard size shields. No socket included.

### Small Space Panel Mount Sockets



#### With Moulded Ears

Moulded black bakelite. Body fits 1 1/2" hole. Projects 3/4" above mounting surface and 3/4" below top of mounting surface. Solder lugs project through bottom fiber washer.

#### With 1 1/2" Mounting Ctrs.

Stock Number	Contacts	Price Each	Ten For
K12124	4	<b>15¢</b>	<b>\$1.40</b>
K12125	5		
K12126	7L		
K12127	7S		
K12128	7S		
K12129	8*	<b>24¢</b>	<b>\$2.35</b>

### For New Octal Base Tubes.

### New Improved "Tuning Fork" Contact Sockets



#### With Moulded Ears

New type silver plated "tuning fork" contacts assure long life. Good for two million tests. Will out last any tube checker, set analyzer or other piece of apparatus. Moulded black bakelite. Body fits 1-7/32" hole. Projects 3/4" above panel and 3/4" below panel. Solder lugs project through bottom fibre washer.

#### With 1-19/32" Mounting Centers.

Stock Number	Contacts	Price Each	Ten For
K12130	4	<b>24¢</b>	<b>\$2.30</b>
K12131	5		
K12132	6		
K12133	7L		
K12134	7S		
K12135	7S		
K12135	8*		

### For New Octal Base Tubes

#### Combination Sockets

4, 5, 6  
K12136—Code 477E. Receives all 4, 5 and 6 prong tubes.

7-7  
K12137—Code 477E. Receives 7 prong large and 7 prong small tubes.  
List Price, 50¢.  
YOUR PRICE, EACH ..... **29¢**

### Compact Sockets



Moulded black bakelite. Guiding groove for tube prongs. Tubes can be quickly inserted. Perfect contact on each prong. Center hole for screw mounting. 1 1/2 inch diameter. Fits inside standard tube base. 3/4 inch high. Solder lugs project downward for wiring below base.

Stock Number	Contacts	Price Each	Ten For
K12155	4	<b>12¢</b>	<b>\$1.15</b>
K12156	5		
K12157	6		
K12158	7L		
K12159	7S		

#### For New Metal Tube

K12160—8 (Octal) 24¢ \$2.30

### Multiposition Steatite Sockets



Exceptionally high dielectric strength, low power factor and high electrical resistivity. Easy to mount. Metal adapter plate can be screwed or riveted to panel or removed and socket mounted directly into chassis with wire retainer ring. Socket mounts in 1 1/2" hole (large size seven prong in 1 3/8" hole). Slotted holes in steel adapter plate 1 1/2" to 2" mounting centers. Approved by U.S. Army and Navy. Used by United States Signal Corps and wherever a low loss high quality socket is required.

Stock Number	Number of Prongs	Price Each	Ten For
K12229	4	<b>24¢</b>	<b>\$2.28</b>
K12230	5		
K12232	7S		
K12233	7L	<b>29¢</b>	<b>\$2.75</b>
K12234	8*		

### For Octal Base Tubes.

### Bakelite Sockets

Moulded black bakelite. Have guide for tube prongs. Tube is quickly and easily inserted. Perfect contact. Easy to mount above panel or below panel of not over 3/8 inch thick. Mounting holes have 1 1/2" centers.



Stock Number	Prongs	Price Each	Ten For
K12161	4	<b>15¢</b>	<b>\$1.45</b>
K12162	5		
K12163	6		
K12164*	5-6	22¢	2.10
K12165†	7-7S	22¢	2.10
K12166	8 (Octal)	23¢	2.20

### \*†These are combination sockets.

### Insulantite Sockets



High insulating qualities. Especially effective on high frequencies. Slotted mounting groove 1 1/2" to 2".

Stock Number	Number of Prongs	Price Each	Ten For
K12167	4	<b>25¢</b>	<b>\$2.35</b>
K12168	5		
K12169	6		
K12170	7S		
K12171	8 (Octal)		

## Adapter Tops and Bottoms

### Make Any Style Tube or Test Adapter



Permits any style tube or test adapter to be made quickly. The top is a standard moulded bakelite socket. The base is moulded with hollow prongs. Connecting wires when attached to adapter top and pulled through hollow base prongs and soldered, hold the two sections neatly and securely together. Desired connections from top to base can be made quickly and easily. A job equal to a factory product at a great saving in cost. A hole on the side of the base measuring 3/4" permits taps from any circuit to be brought out. Body size 1 1/2 inches. Height of top and bottom assembled 1 inch.

#### Bottom Sections

#### Top Sections

Stock No.	No. Prongs	Your Price	Ten For	Stock No.	No. of Holes	Your Price	Ten For
K12209	4	<b>8¢</b>	<b>75¢</b>	K12206	4	<b>12¢</b>	<b>\$1.10</b>
K12209	5						
K12202	6						
K12203	7S						
K12204	7L						
K12205†	8			K12207	5		
				K12208	6		
				K12209	7S		
				K12210*	7S-7L		
				K12211†	8		

\*Combination 7 large and 7 small. †For all metal and "G" type tubes.

# QUICKER THAN A SHORT CIRCUIT! LITTELFUSES

## For Test Instruments

Especially designed for protection of delicate equipment. Break circuit in 1/100 part of time required to burn instruments. May be used on 250 Volts D.C. or A.C. The smaller sizes have been used without arcing up to 1500 volts D.C. on a 2KW supply. Illustration is actual size. Length 1 inch. Diameter 1/8 inch.

Stock Num.	Rating Amps.	Max. Load M. A.	Aver. Res. 5M. A. Load	Your Price Each	Your Price Dozen	Use to Protect—		
						Volt-meters Ohms per volt	Milliammeters Magnetic Movements	Thermocouple Movements
K11160	1/100	10	110	<b>12c</b>	<b>\$1.32</b>	1000 & up	Up-1	Up-10
K11161	1/60	25	20			500-1000	1-10	10-25
K11162	1/30	60	3.0			100-500	10-25	25-60
K11163	1/15	100	3.0			20-100	25-75	60-115
K11164	1/6	200	6.2	<b>9c</b>	<b>\$1.00</b>	10-20	75-150	115-200
K11165	1/3	300	3.0			5-10	150-250	200-300
K11166	1/2	400	2.5			3-5	250-350	300-400
K11167	1/1	600	.40				350-500	400-600
K11168	1	1000	.24	<b>6c</b>	<b>65c</b>	500-750	600-1000	
K11169	1 1/2	1500	.18			750-1000	1000-1500	
K11170	2	2000	.14			1000-1500	1500-2000	

## Littelfuses

Glass enclosed 3AG type. These radio fuses have many points of merit which are distinctive. Littelfuse features. Approved by the Underwriters Laboratories. 1 1/4" long, 1/4" diameter. Fuse element pure rosin coated zinc. Locked end caps. No cement to loosen.

### For Radio Receivers

Stock Number	Rate Amps.	Max. Load Watts	Your Price
K11171	1	60	Each <b>5c</b>
K11172	1 1/2	80	Dozen <b>50c</b>
K11173	2	150	
K11174	3	200	

### For Amplifiers

Stock Num.	Rate Amps.	Peak Load Mills.	Your Price
K11175	1/4	75 mills.	Each <b>9c</b>
K11176	1/2	150 mills.	Dozen <b>\$1.00</b>
K11177	3/4	300 mills.	
K11178	3/2	500 mills.	

## Mountings For Littelfuses and 3AG Type Fuses

### Fuse Retainer

Especially designed for auto radio use. Cadmium plated steel shell, to which shielding can be soldered. Bayonet lock end. Takes cable up to 3/8" diameter. Also suitable for aerial connector.

K11425—For 3AG Type Fuses 2 1/2" x 3/8" dia. **8c**  
YOUR PRICE, EACH.....  
10 for 70c.

### Antenna Coupler

Connects auto radio to antenna on auto sets. Two piece metal container with bayonet lock ends, powerful spring contact insures perfect electrical connection. Insures a neat installation and is an aid when set is serviced.

K11426—Without Fuse Space. **6c**  
YOUR PRICE, EACH.....  
10 for 50c.

### "Meter-Back" Mounting

Mounts directly on one meter binding post. Will not touch other post on smallest standard meter. Lined bakelite base.

K11180—For Instrument Littelfuses. Size 1 1/2" x 1/2" x 3/8". **12c**  
YOUR PRICE, EACH.....

### Standard

Tinned shake-proof terminals and extra quality phosphor bronze, nickel-plated fuses clips. Molded bakelite base.

K11181—For 3AG Type Fuses. 1 1/2" x 1/2" x 3/8" inches. **12c**  
YOUR PRICE, EACH.....  
10 for \$1.10

K11182—For Instrument Littelfuses. 1 1/2" x 1/2" x 3/8" inches. **9c**  
YOUR PRICE, EACH.....  
10 for 85c

### Panel Type

For use where concealed wiring is required. Studs 1 inch long, threaded 3/8" full length. Jaws and washers included.

K11183—For Instrument Littelfuses Only. Size 1 1/2" x 1/2" x 3/8". **12c**  
YOUR PRICE, EACH.....

### Extractor Fuse Post

Knob extracts fuse when unscrewed. Shuck-proof—no live parts exposed. Safe rating 500 watts, 125 volts. Takes panel up to 3/8" thick, 3/4" diam. mounting hole. Overall length 2 1/2"; length under panel 1 1/2". Lock nut for threaded bushing included.

K11184—For 3AG Type Fuses. **24c**  
YOUR PRICE, EACH.....

### Metal Covered Fuse Mounting

Designed and built for use in metal tube equipped sets! Prevents burn outs or overloading of tubes, transformers, condensers, etc., in case of shorts. Made for standard 3AG fuses. Compact—2 1/2" x 3/4" overall. Requires no mounting screw. Easy and quick to install. Entirely shielded. Meets Underwriters' approval.

K11185—Your Price **12c**

### Standard Radio Fuses

Fused element enclosed in glass tube with brass caps on ends. Size 1 1/2" x 1/4". Will blow at a 50% overload.

Type 3A.G.  
K11190—1 Amp. Per Box of 5. **14c**  
K11191—1 1/2 Amps. **YOUR PRICE**  
K11192—2 Amps.  
K11193—3 Amps.  
K11194—4 Amps. **14c**  
K11195—5 Amps.  
K11196—10 Amps. **Per Hundred \$2.85**  
K11197—15 Amps.  
K11198—20 Amps.

### Universal Replacement Field Coils

Used for replacement in 5 or 6" speakers. Supplied with flat 1/8" fibre washers for building up field coil to exactly fit speaker field housing. Inside diam. 1"; outside diam. 1 1/4"; height 3/4".

K6450—1000 Ohms. List Price, **\$1.50.**  
K6451—1500 Ohms. Your Price, **88c**  
K6452—2000 Ohms.  
K6453—2500 Ohms.  
K6454—3000 Ohms.

## FUSIBLE PLUG

Takes place of regular connecting cap on extension cords. Ideal for radio dealers and servicemen for fusing radio sets not already protected, and for general use around the laboratory. Takes two standard size 3AG type fuses, or Instrument Littelfuses. Fuses are inserted at each side of plug in the base. Constructed of rich colored brown molded bakelite. Equipped with knurled finger grips and 3/8" cord hole.

## Rotary Tap Switches

Requires 3/4" hole in 1/4" or thinner panel. Single deck type extends 1" back of panel with 3/4" for each extra deck. Insulated knob shaft, 3/4" diam. 3/4" long. Double wiping spring contacts. Ball bearing pressure spring insures positive stop on each position. Low contact resistance permits use of this switch in circuits controlling milliammeter shunts and volt-ohmmeter circuits. Built very rugged mechanically. Supplied in Non-Shorting type. **Eleven Active Contacts Per Deck.**

Stock Number	Number Decks	Your Price
K11090	1	\$0.59
K11091	2	.94
K11092	3	1.35

## Jeweled Pilot Light Brackets

Used as short indicators, signal light on test panels. Makes excellent soldering iron pilot when connected across 3 ohm resistance in series with a 100 watt iron. (2 1/2" bulb required.) Bracket takes standard sized pilot light bulbs. Mounts in 3/8" hole in any panel not over 3/8" thick. Red Jewel included.

K10620—Your Price, EACH..... **16c**

## Jewels For Pilot Light

Colored jewel on threaded shank with mounting nut. Requires 3/8" hole in panel not over 3/8" thick. Very attractive when used in front of small neon or filament pilot lights.

K10621—Red **10c**  
K10622—Amber  
K10623—Green  
YOUR PRICE EACH.....

## Reflector Type Panel Light

K10624—Less Bulb. **30c**  
YOUR PRICE

Takes standard tubular pilot lights. Illuminates meters on a test panel. Mounts in a 3/8" hole in 3/8" panels. (Genuine Mazda pilot lights listed on page 78.)

## Bakelite Test Case

K12351—With top panel. **59c**  
YOUR PRICE

Polished brown bakelite with beveled bakelite top plate mounting with two insulated screws. Size of case 4" x 2 1/2" x 1 1/2". Inside depth 1 1/2". 2 1/2" between inside panel supports. Supplied with six 3/8" holes for small pin jacks, or wires. This is the ideal size small instrument case for small radio apparatus.



## Heavy Duty Rubber Handle Plugs

Handles and plug coverings are made of strong, durable, molded rubber. Pliable and unbreakable. Bakelite molded plugs are of exceptionally strong construction. Shockproof. Will withstand all weather conditions. Short handle is 1 1/4" long, medium handle plug is 2 1/4" long and the long handle plug is 3 1/4" long.

Medium Handle Male Plugs	Short Handle Male Plugs
K12182 4	K12186 4
K12183 5	K12187 5
K12184 6	K12188 6
K12185 7 Small	K12189 7 Small

**15c**

Medium Handle Female Plugs
K12190 4
K12191 5
K12192 6
K12193 7 Small

**21c**

## Lockable Cable Connectors

Suitable as cable connectors or cable plugs. Molded bakelite sockets and plugs can be quickly removed from the insulated steel caps for making connections. Rubber grommet with a 3/8" hole protects cable where it passes through the cap. Female section has cadmium-plated phosphor bronze contacts. Diameter 1 1/4", length 1 1/2".

Male Section	Female Section	Number Contacts
K12241	K12245	4
K12242	K12246	5
K12243	K12247	6
K12244	K12248	7

EACH **15c**  
PIECE PRICE.....  
Ten Pieces for \$1.35

NOTE. No overall Lockable Sleeve included at above Prices.

## Overall Lockable Metal Connector Sleeves Only

Consists of two threaded drawn steel cadmium plated shells. Shells slip over the male and female parts of the above connectors and are screwed together. Especially desirable on public address, airplane and automobile installations.

K12249—Set of 2. **15c**  
YOUR PRICE.....



## Smallest Wire Wound Potentiometers Made

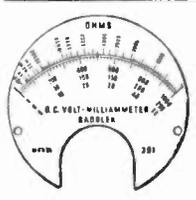
Ideal for test instruments or midjet ohm-meters. Diameter less than a half dollar, only 1 1/4". Extends 3/8" back of panel. 3/8" mounting hole, 3/8" threaded shank, 3/8" shaft, 3/8" beyond shank. Linear resistance. Knob not included.

Stock Number	Res. Ohms	Max. Mills	Your Price
K12875	50	200	<b>59c</b>
K12876	200	100	
K12877	400	70	
K12878	1,000	45	
K12879	1,500	30	
K12880	3,000	25	<b>73c</b>
K12881	5,000	20	<b>88c</b>
K12882	6,000	18	<b>88c</b>
K12883	10,000	14	<b>88c</b>
K12884	15,000	11	<b>88c</b>

# Silver Plated Etched Meter Dial Scales

For Use with 1 Milliampere Movement Meters

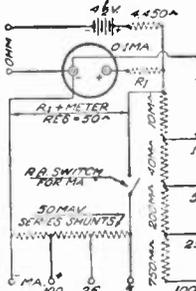
Finely etched clear black numerals and scales on white silver background. Superior in appearance and durability. Exactly replace scales on meters for which they are specified.



**Scale Num. 1.**  
For Use on 1 Milliampere Movement Meters  
Upper scale calibrated in ohms for use with 4½ volt battery. 50 divisions marked 5, 10, 25, 50, 100 and 1000 for D.C. Volt, and 1000 for Millamp. Ranges.  
**YOUR PRICE ..... 39¢**

- K10650—For Weston Model 301.
- K10651—For Jewell Type 88.
- K10652—For Jewell Type 51, 199, 117, 133, 154.
- K10653—For Triplett Model 321.

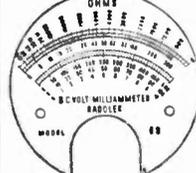
## Diagram Number 1A.



**Multi-Range D.C. Volt-Milliammeter**  
This shows a simple and popular use of dial to make up Multi-Range Meter. Reading at full scale deflection: 10, 5, 25 and 1000 volts with resistance at 1000 ohms per volt; 5, 25 and 100 milliamperes using tapped shunt; and an ohmmeter reading up to 100,000 ohms. Connections for this meter are made by plugging into insulated tip jacks.

The following materials in addition to 1 milliammeter, are required to make up this outfit: Meter Dial No. 1; 4½ volt battery; 1 each precision resistor in ohms, 4750, 10,000, 40,000, 200,000, 750,000; semi-variable resistor to bring meter resistance up to 50 ohms; Van series shunt resistor, S. P. S. T. Switch; 11 pin jacks, panel, cabinet.

## High—Low Ohm—Volt Scale Scale Num. 2.

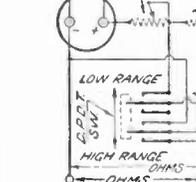


Upper scale is for 4½ volt Ohmmeter. Middle scale indicates ohms when unknown resistance is shunted across 50 ohm movement carrying 1 M.A. Lower scale has 50 uniform divisions marked, 10, 100, and 500 volts.

Use Manganin wire or a semi-variable resistor in series with meters less than 50 ohms resistance.  
**YOUR PRICE ..... 39¢**

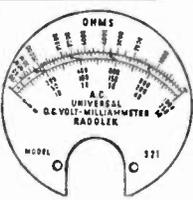
- K10657—For Weston Model 301.
- K10658—For Jewell Model 88.
- K10659—For Jewell Model 51, 199, 117, 113, 154.
- K10660—For Triplett 3½" 321.
- K10661—For Triplett 4½" 321.

## Diagram Number 2.



**HIGH-LOW Ohmmeter and Triple Range D.C. Voltmeter**  
A high range ohmmeter reading to 100,000 ohms and 1 megohm and a low range ohmmeter reading to 500 ohms, combined with a 2 range voltmeter reading 10, 100 and 500 volts. A switch provides for either low or high ohmage readings. Easy to assemble and calibrate regardless of type 0-1 milliammeter meter employed. The following material, in addition to a 1 mil. meter, are required to construct this multi-range meter. Meter Dial No. 2; D.B.T. Yaxley Jack switch; 50 ohm Type C Yaxley potentiometer; 4½ and 45 volt batteries; 25 ohm semi-variable resistor or sufficient manganin wire to make R + Meter resistance equal 50 ohms; 4000, 10,000, 40,500, 90,000, and 400,000 ohm Eletrad 1-watt precision resistors; 6 insulated pin jacks; panel; cabinet.

**K3987**—All of the above materials supplied in a kit with hook-up without meter, meter dial scale (make your selection of scale referred from above listing), panel or case.  
**YOUR PRICE ..... \$7.95**



**Scale Num. 4.**  
For use with Weston Universal A.C.-D.C. Meter or equivalent 1 Mil. meters equipped with copper oxide rectifiers. Offset scale permits reading A.C. values on D.C. calibrated Range. 50 scale divisions marked 50, 250, 1000, volts or Milliamperes according to external circuit employed. Top Scale in ohms for 4½ Volt battery.  
**YOUR PRICE, EACH ..... 39¢**

- K10665—For Weston Model 301.
- K10666—For Jewell Model 88.
- K10667—For Triplett Model 321.

## Continental Carbon Semi-Precision Resistors



Popular sizes of resistors for use as meter range multipliers. 1 watt, 5% tolerance. Average variations close to 2%. The resistors marked with \* allow for the 50 ohm internal resistance of the meter. When used with 0.5 Mill. meters, divide volt range by 2.

Stock Num.	Resist. Ohms	Volts at 1 M.A.	Stock Num.	Resist. Ohms	Volts at 1 M.A.
K3654	1450	*1.5	K3673	50,000	50
K3655	2950	*3	K3674	60,000	60
K3656	3500	3.5	K3675	75,000	75
K3658	4450	*4.5	K3676	85,000	85
K3659	4950	*5	K3677	90,000	90
K3660	5000	5	K3678	100,000	100
K3661	5900	5.5	K3679	150,000	150
K3662	5950	*6	K3680	200,000	200
K3663	7450	*7.5	K3681	250,000	250
K3664	8500	*8.5	K3682	300,000	300
K3665	8950	*9	K3684	450,000	450
K3666	9950	*10	K3685	500,000	500
K3667	10,000	10	K3686	600,000	600
K3668	13,500	13.5	K3687	750,000	750
K3669	15,000	15	K3688	800,000	800
K3670	25,000	25	K3689	900,000	900
K3671	30,000	30	K3690	1 Meg.	1000
K3672	40,500	40.5			

List Price, 30¢.  
**YOUR PRICE, EACH ..... 18¢**  
See pages 35 and 54 for listings of Wire-wound Precision Resistors.

## "VAN" SHUNTS

Very small and compact. Size about 1¼" long, ¾" wide. Resistance elements of non-corrosive alloy wire with temperature co-efficient of practically nil. These shunts are intended for use in converting 0-1 milliammeter movement meters for reading higher range currents with maximum milliamms specified.

### Multiple Shunts



Single Range Shunts for 50 Ohm. 1 Mil.  
List \$1.50.  
**YOUR PRICE... 88¢**

Stock Number	D. C. Milliamps	Stock Number	D. C. Milliamps
K3856	5	K3859	50
K3857	10	K3860	100
K3858	25	K3861	500

### Series Tapped Shunts



**K3862**—For 1 mil. D.C. Weston 301. 50 ohm Meter Resistance. Tapped for 10-100 mls.  
List \$2.50.  
**YOUR PRICE \$1.47**

**K3863**—For Universal Model 301. 50 ohms Meter Resistance. Tapped for 5-25-100 mls.  
List \$3.00. **YOUR PRICE ..... \$1.76**

### Series Tapped Shunt

For Beede, Hoyt, Triplett, and Weston 1 milliamperometer having 50 ohm internal resistance or with meters of lower resistance having an external series resistance of manganin wire to secure a net 50 ohms. Tapped for 10 and 100 milliamperes.  
**K3864**—For 50 ohm, 1 Mil. meters  
**YOUR PRICE ..... \$1.47**

# Make Your Own Shunts with Manganin Resistance Wire

Standardize your millimeters by making all have the same internal resistance! As 50 ohms is the standard value usually employed, we suggest adding insulated Manganin wire in series with the movement to secure the total of 50 ohms. Employ the 30 gauge for all series multiplier purposes. The 26 gauge is suitable for shunts carrying less than 50 MA. Employ 22 gauge for shunts of less than 1000 milliamperes. This round wire is suitable for use as shunt and multiplier resistance for all styles of meters, Wheatstone bridge slide wires, resistance boxes of standard value, etc. Temperature co-efficient 0.00025 ohms per °C. Practically no thermal co-efficient in contact with copper.  
22 Gauge B&S, 0.452 ohms per foot.  
100 foot spool, Double Silk Covered. **\$1.10**  
**K4805—YOUR PRICE**  
26 Gauge B&S, 1.147 ohms per foot.  
200 foot spool, Double Silk Covered. **\$1.20**  
**K4806—YOUR PRICE**  
30 Gauge B&S, 2.899 ohms per foot.  
300 foot spool, Double Silk Covered. **\$1.15**  
**K4807—YOUR PRICE**

## Bare Resistance Wire

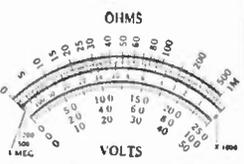
For use at extreme high temperatures in heater elements, of ranges, radiant heaters, toasters, rheostats, bleeder resistances, etc. Temperature co-efficient 0.00012 ohms per °C up to 500° (1022° F.) and there remains fairly constant to 1000° C (1832 °F.). Non-oxidizing in air. Non-magnetic. Bright finish. Round. Supplied without insulation.  
22 Gauge B&S, 1.015 ohms per foot.  
100 foot spool, bare wire. **\$1.05**  
**K4808—YOUR PRICE**  
32 Gauge B&S, 10.15 ohms per foot.  
500 foot spool, bare wire. **\$1.00**  
**K4809—YOUR PRICE**

## Continental Milliammeter Modernizing Kit

For 1 Milliampere Movements



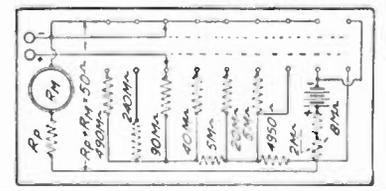
Build a Volt-Ohmmeter using any Weston Model 301, Jewell or Triplett. Patterns 88, 51, 444, 408, 489, 199, 133, 133A, 210, 538, 137, 137A, 374 or Triplett Model 321 meters requiring 1 milliamper for full scale deflection. The simplified dual scale multiplier range circuit is below. Ranges at 1000 ohms per volt—500, 250, 100, 50, 25, 10, and 5 volts; two ohm scales—0 to 1000 and 0 to 1 meg. with mid-scale readings of 50 and 9000 ohms.



**K3984**—Kit of 9 Continental Carbonite 5/8" resistors including Printed Dial Scales for all meters specified. Circuit diagram and instructions included. List \$3.60.  
**YOUR PRICE ..... \$2.12**

### Additional Parts

- K11000—2 Gang 10 pt. Rotary Switch ..... \$0.94
- R232—Eletrad 2000 Ohm Potentiometer ..... .59
- K68—Eveready C. Batteries, 22¢ ea. .... .44
- K11241—Eby "4" Binding Post ..... .09
- K11242—Eby "10" Binding Post ..... .09
- K13375—10 feet Resistance Wire ..... .25
- K13375—2 Bar Knobs, 9¢ ea. .... .18
- K15801—5½"x8½" Walnut Case ..... .95
- K11302—Black Bakelite Panel ..... .79



## Instrument Cases, Foundation Meters, Rectifiers, Resistors, Switches

Everything you need for building your own test equipment in stock ready for quick shipment to you. Send Radolek all your orders for everything in Radio. If you ever require an item not listed in your big Radolek Profit Guide we can obtain it for you. Don't Split Your Order. Our experienced buyers will obtain all your radio requirements for you at the lowest dealer prices.

# Genuine Baldwin Units

New Stock—Guaranteed Perfect

Wonderful bargains at our prices. All are of the highly efficient Baldwin balanced armature type. Very sensitive and carry great volume without distortion. Very rugged. Excellent for battery type radio receivers and for use on Public Address horn speakers. Maximum undistorted power limit, 500 M.W.

## Baldwin Concert

Generally known as the best. Each unit hand made, carefully adjusted and tested. Precision made at every step. Widely imitated, but not excelled for its faithful, consistent reproduction. Threaded to fit all standard speakers and horns. Concentric corrugated diaphragms to handle strong signals without blasting. 5-foot cord with tips. Shipping wt., 2 lbs.



**K9400**—Baldwin Concert Unit, Not Shielded. **\$1.95**  
NET

## Baldwin Rival

Ideal for all console and morning glory type horns. Handles enormous volume with rare faithfulness of reproduction. Shipping wt., 1 lb.



**K9401**—Without Shield. **75¢**  
YOUR PRICE

## Baldwin Lyric

An especially desirable unit for outdoor use. Fully enclosed. No parts exposed. Very sensitive, yet sturdy and strong. Concentric corrugated diaphragms to handle strong signals without blasting. Slightly larger than the Concert or Rival.



**K9402**—List, \$6.00. **YOUR SPECIAL PRICE \$1.25**

## Standard Jack Plugs

Moulded body, 1 1/4 inch diameter with eyelet for anchoring cord.



**K11250**—List Price, 35¢. **YOUR PRICE, EACH 10¢**  
Ten for 95¢

Screw connections for two sets of cords with either tip or loop ends. Has loop for attaching ray cord. Comfortable fiber barrel.

**K11251**—List Price, 50¢. **19¢**  
Your Price, Ea.



Ten for \$1.82

## Extension Connector

Eyelet anchors securely fasten cords and relieve strain from terminals.



**K11252**—**YOUR PRICE, EACH 6¢**  
Ten for 55¢

## Extension Cords

For Headsets and Loudspeakers



Fine Stranded Copper Wire Conductors

Each conductor rubber insulated and covered with cotton braid. Two such conductors laid parallel with braid covering over all. Cord tips each end.

Stock Number	Length Feet	Price Each	Ten For
K4900	10	18¢	\$1.71
K4901	20	24¢	2.28
K4902	30	35¢	3.33
K4903	50	49¢	4.65



## Head Phone Cords

For Double Unit Headphones

For connecting two headphone units to output of radio receiver or other apparatus. Fine quality durable mercerized braid covering. Lgth. 5 ft.

**K4906**—With pin tips on both ends. **19¢**

**K4907**—With snude tips on phone unit end, pin tips on other end. **19¢**

PRICE EACH TEN FOR \$1.68

## Two Conductor Cords

For Speakers or Single Unit Headphones

Finest quality glossy mercerized covering. Lgth. 5 ft.

**K4908**—Pin tips one end, snude tips other. **EACH 8¢**

**K4909**—Pin tips both ends. **8¢**  
Ten for 76¢

# Replacement Coils for Utah Orthovox Speakers



Exactly duplicates the physical and electrical specifications of the original magnetic coils used in the 5", 6", 8" and 12" Utah Orthovox Speakers. Better insulation and higher safety factor than the originals. All coils are supplied center tapped. Where speaker is used with a single output tube disregard center tap.

## For High Impedance Tubes

**K5680**—Types 10, 12A, 18, 19, 20, 31, 33, 38, 41, 42, 46, 47, 50, 59, 2A5, 6A4, L.A. 6A6 in push-pull and single types 38, 49, 12A7. For any type of Output tubes in single or push-pull having a total primary load impedance of 12,000 to 18,000 ohms.

## For Medium Impedance Tubes

**K5681**—Types 43, 45, 71A in push-pull and single types. 10, 12A, 18, 19, 20, 31, 33, 38, 41, 42, 43, 46, 47, 49, 59, 89, 2A5, 6A4, 6A6, 12A5, L.A., GA., PZ. For any type of output tube in single or push-pull having a total primary load impedance of 7000 to 12,000 ohms.

## For Low Impedance Tubes

**K5682**—Types 48, 2A3 in push-pull and single types 43, 45, 59, 71A, 12A5. For any type of tube in single or push-pull having a total primary load impedance of 3000 to 6000 ohms.

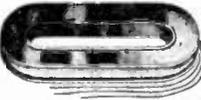
List Price, 75¢. **YOUR PRICE, EACH 44¢**

## For Utah Orthovox Speakers

Used with P.A. Amplifier

**K5683**—500 ohm impedance coil.  
**K5684**—1000 ohm impedance coil.  
List Price, 75¢. **YOUR PRICE 44¢**

## Replacement Coils for Best Kinematic Speakers

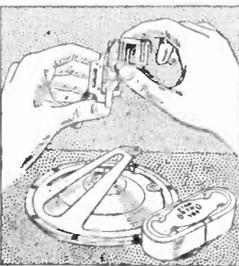


Supplied center tapped. When speaker is used with a single output tube disregard center tap.

**K5695**—For High Impedance tubes.  
**K5696**—For Medium Impedance tubes.  
**K5697**—For Low Impedance tubes.  
List Price, 75¢. **YOUR PRICE 44¢**

**NOTE**—See above listing for classification of output tubes according to their impedance.

# UTAH and BEST "P. M." Speaker Coils Installed at Factory



All work is done under the direction of skilled, experienced speaker engineers. We guarantee that the repaired speaker (assuming that only the coil is defective) will be returned to you in perfect working condition.

**KX11950**—Coils replaced in any size Utah or Best "P. M." type

speaker. Send in defective speaker transportation charges prepaid. Price includes cost of coil. **YOUR PRICE 95¢**

# Magnetic Speaker Coils REWOUND or DUPLICATED

Send us original speaker coil and we will rebuild it using the original coil form whenever possible. The remanufactured coil will be returned to you in perfect working condition and with electrical and physical characteristics exactly like the original. All work is done under the direction of skilled, experienced coil engineers.

**KX11955**—Any cone type magnetic speaker coil repaired or duplicated. Send coil only, prepaid. Be sure your name and address is on the package. **YOUR PRICE 65¢**

## Ear Phone Cushions

**K9406**—**YOUR PRICE 25¢**  
PAIR

TEN PAIR FOR \$2.37

Made of soft sponge rubber. Very light and comfortable. Ease pressure from head set yet preserve best hearing. Fit all phones.

# Genuine Nathaniel Baldwin Phones

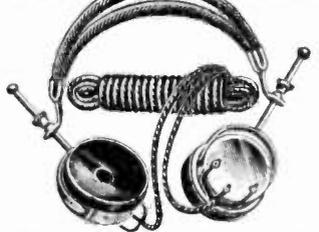
Type C  
**K9405**—  
Your Very Special  
Price Set  
**\$2.89**



Ten Pairs for \$27.50

World famous for many years because of their extreme sensitivity and great efficiency. Balanced armature units accurately matched and carefully tested. Used extensively by U. S. Signal Corps, Navy, and by professional operators. Moulded bakelite cases enclose units. While very sensitive they are very rugged and will stand up under hard usage. Complete with adjustable headband and connecting cord. Fitted with MICA diaphragms.

# Cannon-Ball Dixie Head Phones



Thoroughly reliable high quality full size headphones. Responsive to weak signals. Adjustable woven web covered headbands. Complete with cords. Aluminum shells, practically unbreakable bakelite caps that are more sanitary and will not dirty the ears even in warm weather. Very light and comfortable to wear.

**K9407**—2000 ohms **\$1.22**  
**YOUR PRICE**

**K9408**—3000 ohms **\$1.35**  
**YOUR PRICE**

# FROST FONES

Frost Fones satisfy the exacting demands of those wishing to obtain extremely sensitive instruments. Light in weight, comfortable to wear and easily adjustable. All materials used are of the very highest quality, and these phones are made by careful scientific workmen. For testing radio parts or complete sets—for lining up condensers—over peaking intermediate transformers or any similar uses these phones may be depended upon to give perfect satisfaction.

**K9415**—Frost No. 174, 2000 ohm headset, Aluminum shell. **\$1.48**  
List, \$3.08. **YOUR PRICE**

**K9416**—Frost No. 175, 3000 ohm headset, Aluminum shell. **\$1.65**  
List, \$3.50. **YOUR PRICE**

# Brush Crystal Headphones

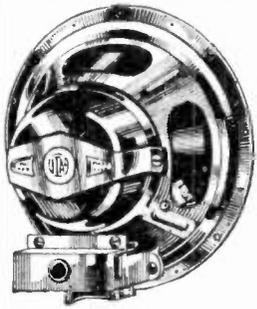
Piezoelectric head phones for use where high fidelity, high impedance, non-magnetic head phones are required. Frequency response 60 to 10,000 c.p.s. Impedance 50,000 ohms (phones in parallel). Adaptable for electro-stethoscopic and laboratory work. For use with short wave receivers or for program monitoring and measurement work and other headphone usage. Brown Octagonal bakelite cases. Small, light-weight 6 oz. headphones. 5 ft. cords. Adjustable head band.

**K9419**—List Price, \$9.00. **\$5.29**  
**YOUR PRICE**

**K9420**—Single phone with head band. List Price, \$5.00. **\$2.94**  
**YOUR PRICE**

**RELY ON RADLEK** for Everything in Radio. Don't split your order. If the item you require is not listed we will obtain it for you—quickly and at the lowest dealer price.

# UTAH Dynamic Speakers



Finest Quality for radio receivers or public address installations. Have extra large field coils. Cadmium finished steel frames. Moulded ribbed diaphragms of special impregnated composition. When speaker is ordered with output transformer be sure to specify type of output tubes used and how they are connected.

## 8 Inch Speaker

6 Watts maximum input. Recommended field excitation, 6.5 watts. Pole piece  $\frac{3}{8}$ " diameter. Voice coil impedance 4 ohms. Speaker depth 4-1/16".

### Less Output Transformer

K15550—2500 ohm field } List Price, \$5.50.  
K15551—1500 ohm field } YOUR PRICE **\$3.23**  
K15552—1000 ohm field }

### With Output Transformer

K15550T—2500 ohm field } YOUR PRICE **\$3.86**  
K15551T—1500 ohm field }  
K15552T—1000 ohm field }

## 10 Inch Speaker

9 Watts maximum input. Recommended field excitation, 9 watts. Pole piece  $\frac{1}{2}$ " dia. Voice coil impedance 6 ohms. Speaker depth 4 3/8".

### Less Output Transformer

K15553—2500 ohm field } List Price, \$6.75.  
K15554—1500 ohm field } YOUR PRICE **\$3.97**  
K15555—1000 ohm field }

### With Output Transformer

K15553T—2500 ohm field } YOUR PRICE **\$4.70**  
K15554T—1500 ohm field }  
K15555T—1000 ohm field }

## 12 Inch Speaker

10 Watts maximum input. Recommended field excitation, 9 watts. Pole piece  $\frac{1}{2}$ " dia. Voice coil impedance 6 ohms. Speaker depth 6".

### Less Output Transformer

K15556—2500 ohm field } List Price, \$8.75.  
K15557—1500 ohm field } YOUR PRICE **\$5.15**  
K15558—1000 ohm field }

### With Output Transformer

K15556T—2500 ohm field } YOUR PRICE **\$5.88**  
K15557T—1500 ohm field }  
K15558T—1000 ohm field }

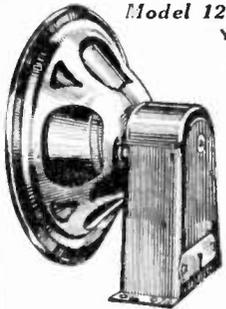
# UTAH 12" STADIUM SPEAKER

Model 12B (15 Watts)

YOUR PRICE **\$6.03**

### Less Output Transformer

Especially suitable for Deluxe Console and Public Address Installations. Handles 15 watts input without overloading, with 10 to 12 watts in the field. Cadmium finished steel frame. Improved moulded diaphragm. Large size universal transformer, tapped to match any output tube combination. Diameter 12" overall height 12 1/2". Overall depth 6 3/8". Recommended field excitation, 12 watts. Pole piece diameter 1 3/8". Voice coil impedance, 2 ohms.



match any output tube combination. Diameter 12" overall height 12 1/2". Overall depth 6 3/8". Recommended field excitation, 12 watts. Pole piece diameter 1 3/8". Voice coil impedance, 2 ohms.

### With Universal Output Transformer

K15565—2500 ohm field } List Price, \$11.50  
K15566—1500 ohm field } YOUR PRICE **\$6.76**  
K15567—1000 ohm field }

### With Universal 500 ohm Line to Voice Coil Transformer

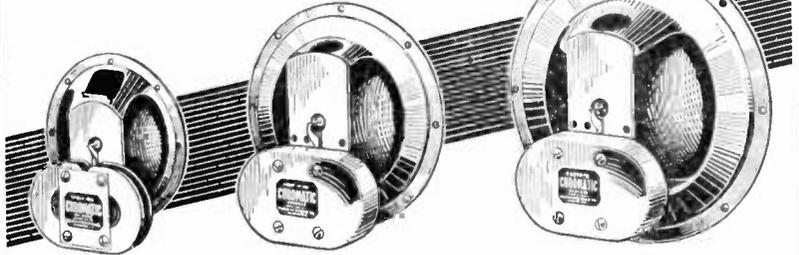
(Permits use of 1 to 6 speakers on 500 ohm line).  
K15565T—2500 ohm field } YOUR PRICE **\$6.76**  
K15566T—1500 ohm field }  
K15567T—1000 ohm field }

### Less Output Transformer

K15568—2500 ohm field } YOUR PRICE **\$6.03**  
K15569—1500 ohm field }  
K15570—1000 ohm field }

# Radolek Chromatic "P. M." Speakers

For Battery Sets, Extensions and Public Address Installations



## 5 Inch Model

List. \$4.00.  
YOUR PRICE **\$1.59**

## 6 1/2 Inch Model

List. \$4.50.  
YOUR PRICE **\$1.85**

## 8 Inch Model

List. \$5.00.  
YOUR PRICE **\$2.12**

## New Advanced Design

### Improved Construction

True high fidelity dynamic tone quality. Uses no field current. No output transformers required. Handles full volume without distortion. For improving battery radios, use in sound trucks or as extra speakers on any radio or P.A. System which does not provide field current.

### Specify Size and Impedance Wanted by Stock Number

5 Inch Speakers	6 1/2 Inch Speakers	8 Inch Speakers
K15655—For High Imped. Tubes.	K15658—For High Imped. Tubes.	K15663—For High Imped. Tubes.
K15656—For Med. Imped. Tubes.	K15659—For Med. Imped. Tubes.	K15664—For Med. Imped. Tubes.
K15657—For Low Imped. Tubes.	K15660—For Low Imped. Tubes.	K15665—For Low Imped. Tubes.
List Price, \$4.00.	K15661—For 500 ohm P.A. Line.	K15666—For 500 ohm P.A. Line.
YOUR PRICE <b>\$1.59</b>	K15662—For 1000 ohm P.A. Line.	K15667—For 1000 ohm P.A. Line.
	List Price, \$4.50.	List Price, \$5.00.
	YOUR PRICE <b>\$1.85</b>	YOUR PRICE <b>\$2.12</b>

For correct selection of "P. M." speakers see listing of tubes according to High, Low, or Medium Impedances in center of page.

## High Impedance Tubes

Types 10, 12A, 18, 19, 20, 31, 33, 38, 41, 42, 46, 47, 79, 59, 89, 2A5, 6A4, LA, 6A6 in push-pull and single types 38, 49, 12A7. For any type of Output tubes in single or push-pull having a total primary load impedance of 12,000 to 18,000 ohms.

## Medium Impedance Tubes

Types 43, 45, 71A in push-pull and single types: 10, 12A, 18, 19, 20, 31, 33, 38, 41, 42, 43, 46, 47, 49, 59, 89, 2A5, 6A4, 6A6, 12A5, LA, GA, PZ. For any type of output tube in single or push-pull having a total primary load impedance of 7000 to 12,000 ohms.

## Low Impedance Tubes

Types 48, 2A3 in push-pull and single types 43, 45, 59, 71A, 12A5. For any type of tube in single or push-pull having a total primary load impedance of 3000 to 6000 ohms.

# UTAH ORTHOVOX "P. M." SPEAKERS

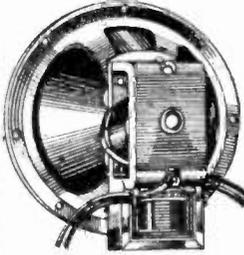
For Battery Receivers or for use as extra speakers on any Radio or P.A. System which does not provide field current.



Uses no field current and does not require output transformers. Delivers good volume without distortion. True dynamic tone quality. Chrome steel permanent magnets. Heavy laminated silicon steel armature. 5" and 6" sizes will handle up to 2 watts, 8" size about 3 1/2 watts, 12" size about 6 watts.

## UTAH 5" and 6" Dynamic Speakers

Excellent for replacement of speakers in radios or with small P.A. amplifiers. If transformer is desired specify output tubes used and how they are connected.



## 5 Inch Speaker

Max. input, 3 watts. Overall diameter 5". Depth 2 3/8". Field excitation, 4 watts. Voice coil diam. 5/8". Impedance 2.5 ohms.

### Less Output Transformer

K15559—3000 ohm field } List Price, \$3.10.  
K15560—2500 ohm field } YOUR PRICE **\$1.82**  
K15561—2000 ohm field }

### With Output Transformer

K15559T—3000 ohm field } YOUR PRICE **\$2.21**  
K15560T—2500 ohm field }  
K15561T—2000 ohm field }

## 6 1/2 Inch Speaker

Max. input, 4 watts. Overall diameter 6 1/2". Depth 3". Field excitation, 6 watts. Voice coil diam. 3/4". Impedance 5 ohms.

### Less Output Transformer

K15562—2500 ohm field } List Price, \$4.25.  
K15563—1500 ohm field } YOUR PRICE **\$2.50**  
K15564—1000 ohm field }

### With Output Transformer

K15562T—2500 ohm field } YOUR PRICE **\$3.09**  
K15563T—1500 ohm field }  
K15564T—1000 ohm field }

## 5 Inch Speakers

K15580—For High Impedance Tubes.  
K15581—For Medium Impedance Tubes.  
K15582—For Low Impedance Tubes.  
List Price, \$3.75.  
YOUR PRICE **\$2.21**

## 6 Inch Speakers

K15583—For High Impedance Tubes.  
K15584—For Medium Impedance Tubes.  
K15585—For Low Impedance Tubes.  
K15586—For 500 ohm P.A. Line.  
K15587—For 1000 ohm P.A. Line.  
List Price, \$4.00.  
YOUR PRICE **\$2.35**

## 8 Inch Speakers

K15588—For High Impedance Tubes.  
K15589—For Medium Impedance Tubes.  
K15590—For Low Impedance Tubes.  
K15591—For 500 ohm P.A. Line.  
K15592—For 1000 ohm P.A. Line.  
List Price, \$4.50.  
YOUR PRICE **\$2.65**

## 12 Inch Speakers

K15593—For High Impedance Tubes.  
K15594—For Medium Impedance Tubes.  
K15595—For Low Impedance Tubes.  
K15596—For 500 ohm P.A. Line.  
K15597—For 1000 ohm P.A. Line.  
List Price, \$7.00.  
YOUR PRICE **\$4.12**

Replacement Coils for Utah Orthovox Speakers are listed on page 36.

Dependable  
Quality

# Dynamic Speakers

At Special  
Low Prices

## 6 Inch De Luxe



YOUR PRICE EACH ..... **\$1.55**

**Less Transformer**  
New Design—  
Superior Performance  
Carries full output of any power tube delivering up to 4000 milliwatts. Inductive Shunt Hum Bucking device permits the use of the field circuit as part of the power pack filter system. Voice coil diameter, 7/8". Impedance 4 1/2 to 6 ohms. Resistance 4 ohms. Field power 6 watts. Overall diameter 6 1/4". Depth 3 3/4". Shipping weight 4 lbs.

Field power 6 watts. Overall diameter 6 1/4". Depth 3 3/4". Shipping weight 4 lbs.

### Less Output Transformer

YOUR PRICE EACH ..... **\$1.55**  
Ten for ..... \$14.20

Stock Number	Field Ohms	Stock Number	Field Ohms
K15510	1000	K15513	1800 tapped at 300
K15511	2000		
K15512	2500	K15514	4 ohms for 6 volt

### With Universal Output Transformer

Taps on transformer provide for matching speaker to any combination of output tubes. Order field resistance wanted by stock numbers.

YOUR PRICE EACH ..... **\$1.84**  
TEN FOR ..... \$17.50

Stock Number	Field Ohms	Stock Number	Field Ohms
K15510T	1000	K15513T	1800 tapped at 300
K15511T	2000		
K15512T	2500	K15514T	4 ohms for 6 volt

## 6 Inch Standard

Handles 4 1/2 Watts Audio Output



**Less Output Transformer**

K15516—2500 ohm 6 Watt Field  
YOUR PRICE EACH ..... **95¢**

### With Output Transformer

K15516T—2500 ohm 6 Watt Field  
YOUR PRICE, EA. **\$1.39**

Specify type of tubes used and whether single or in push-pull.

A low cost good quality full dynamic speaker, strong rugged construction, voice coil and spider are aligned before cementing the cone in place, thereby assuring freedom from chatter usually found in competitively priced speakers. Voice coil diameter 7/8". Impedance 4 1/2 to 6 ohms. D.C. resistance 4 ohms. Overall diameter 6 1/4". 3 3/4" depth. Weight packed, 3 1/2 lbs.

## 8 Inch Standard

Handles 7 Watts Audio Output



### Less Output Transformer

K15526—2500 ohm 6 Watt Field

YOUR PRICE EACH ..... **\$1.95**

### With Universal Output Transformer

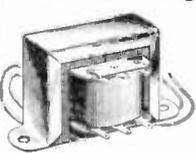
K15526T—2500 ohm 6 Watt Field

YOUR PRICE EACH ..... **\$2.25**

Taps on transformer provide for matching speaker to any combination of output tubes.

This 8 1/2 inch standard quality dynamic makes a suitable replacement for the majority of five and six tube, single or push-pull, midrange radio sets. The voice coil impedance is 4 1/2 to 6 ohms. Resistance 4 ohms, diameter of voice coil 7/8". Speaker is 4 1/2" deep. Shipping weight 5 1/2 lbs. Special size field coils of less than 3000 ohms can be supplied in order for 50¢ extra.

## Universal 500 Ohm Line Matching Transformer



K6910—  
YOUR PRICE EACH ..... **74¢**

A flexible means of supplying 1 to 6 speakers to a 500 ohm Amplifier Output Circuit. Tapped secondary permits matching ratios within limits of 1 to 6 speakers, of 6 ohm impedance

to a 500 ohm line. This transformer is the correct size for all speakers in this catalog having an impedance of approximately 6 ohms and voice coil capacity of 6 watts or less. The Chart gives the taps which may be used to match 3, 6, 9 and 12 ohm impedance circuits to a 500 ohm line, instructions for connecting included with each transformer. See chart on page 128.

## 8 1/2 Inch De Luxe



YOUR PRICE EACH ..... **\$2.35**

### Less Transformer

Brilliant Highs—  
Rich Bass Tones:

A splendid overall performance characterizes these speakers. For use with single or push-pull power tubes delivering up to 6000 milliwatts audio input. New Inductive Shunt Hum Bucking device eliminates effect of A.C. ripple current in speaker filter system of A.C. Radio. Voice coil diameter 7/8". Impedance 4 1/2 to 6 ohms. Resistance 4.2 ohms. Field power 8 watts. Overall diameter 8 1/2". Depth 4 1/4". Shipping weight 5 1/2 lbs.

### Less Output Transformer

YOUR PRICE EACH ..... **\$2.35**  
Ten for ..... \$22.30

Stock Number	Field Ohms	Stock Number	Field Ohms
K15520	1000	K15523	1800 tapped at 300
K15521	2000		
K15522	2500	K15524	4 ohms for 6 volt

### With Universal Output Transformer

Taps on Transformer provide for matching speaker to any combination of output tubes. Order field resistance wanted by stock number.

YOUR PRICE EACH ..... **\$2.69**  
Ten for ..... \$25.50

Stock Number	Field Ohms	Stock Number	Field Ohms
K15520T	1000	K15523T	1800 tapped at 300
K15521T	2000		
K15522T	2500	K15524T	4 ohms for 6 volt

## A. C. Field Supplies

For Excitation of D. C. Speaker Fields from 110 volt 50-60 Cycle A. C. Line

Supply filtered direct current for field excitation of any D. C. speaker. Units include power transformer, filter system and tube socket. All completely assembled and mounted on sturdy rust proofed steel bases. Supplied with 6' cord and plug for A. C. line connection. Tubes specified are not included.

### 9 Watt Field Exciter

Delivers 9 watts of direct current, to a speaker having a field resistance of 2500 ohms or 12 watts to a speaker with 1500 ohm field. Uses 25Z5 rectifier tube. Size overall, 7" long, 3 1/2" wide, 4" high. **K6940—List, \$4.75**



YOUR PRICE .. **\$2.25**

### 17 Watt Field Exciter

Delivers 17 watts of direct current to a speaker having between 1000 and 3000 ohm field resistance. Uses type 80 rectifier tube. Size overall, 9" long, 3 1/2" wide, 4 1/2" high. **K6941—List, \$6.50**



YOUR PRICE .. **\$2.94**

## 30 Watt De Luxe Field Exciter

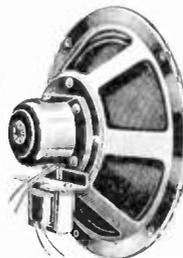
Powerful and Humless

Delivers 30 watts of filtered direct current for field excitation of the number and sizes of speakers listed in the table below. A filter choke and two condensers are used to insure freedom from ripple in the direct current. The power transformer has exceptionally good regulation so the voltage will not drop below 115 volts when the maximum current is taken from the supply. Sufficient power available to operate largest types of dynamic speakers. Maximum current output 250 Ma. Any number of speaker fields may be energized by a single power supply until maximum current rating is reached. Uses type 5Z5 or type 83 rectifier tube. Plug-in type D.C. output speaker connection. Perforated pressed steel shield. Size overall, 9" long, 4" wide, 7 1/2" high.

Number of Speakers	Size Fields	Field Resistance
1 to 6	5 Watts	2500 to 3000 ohms
1 to 6	8 Watts	1500 to 2500 ohms
1 to 3	10 Watts	750 to 1500 ohms
1 or 2	15 Watts	1000 to 1500 ohms
One	30 Watts	500 to 1000 ohms

## 11 Inch De Luxe

For 6 Watt Output With 8 Watts in Field



YOUR PRICE EACH .. **\$2.95**

### Less Transformer

The 11 Inch De Luxe Speaker is designed for superior tone quality, great volume, portability and high efficiency. It is particularly suited to ballrooms and small theater installations where a well rounded tone is necessary to accommodate walls and a constantly changing absorption factors. Extra strong cone of moulded seamless material supported at the edge by the heavy steel frame and at the apex by a special resilient spider. Inductive Shunt Hum Bucking device is an integral part of this speaker. Voice Coil diameter 5/8". Resistance 4.5 ohms. Impedance 5 to 6 ohms. Full 6 watt carrying capacity. Overall diameter 11". Depth 5 1/2". Shipping Weight 6 1/2 lbs. A portable housing or large baffle should be employed with this speaker to properly reproduce low notes.

### Less Output Transformer

YOUR PRICE EACH ..... **\$2.95**  
Ten for ..... \$28.00

Stock Number	Field Ohms	Stock Number	Field Ohms
K15530	1000	K15533	2500
K15531	1500	K15534	3000
K15532	2000	K15535	6 V. 4.

### With Universal Output Transformer

Taps on transformer provide for matching speaker to any combination of output tubes.

YOUR PRICE EACH ..... **\$3.40**  
Ten for ..... \$32.50

Stock Number	Field Ohms	Stock Number	Field Ohms
K15530T	1000	K15533T	2500
K15531T	1500	K15534T	3000
K15532T	2000	K15535T	6 V. 4.

NOTE: Special values of field resistance less than 3000 ohms other than stock sizes can be supplied for 75¢ extra.

## New 5 Inch Speaker



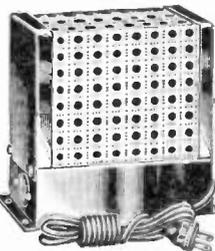
YOUR PRICE EACH ..... **\$1.32**

Ten for ..... \$13.80

### With Self-Adjusting-Ratio Coupling Transformer.

K15537—2500 ohm field, 3 watts  
K15538—3000 ohm field, 3 watts

K15539—6 volt, 4 ohms, 9 watts. For use with tubes rated to deliver less than 3000 milliwatts output. The correct size for many of the new "Cigar Box" sets and Auto Radios. New Style construction assuring freedom from chattering. The Self-Adjusting-Ratio Output Transformer employs a special damping design which makes impedance matching non-critical. The following single output tubes operate properly with this transformer: 58, 41, 42, 43, 45, 47, 2A5, 71A and 89 triode. Voice coil resistance, 3 ohms. Impedance 3.5 to 4 ohms. Overall diameter 5", depth 2 1/2". Shipping weight 2 1/2 lbs.



YOUR PRICE **\$6.95**

# No Coil Dynamic Speakers

No Field Coil  
or Current



Due to a revolutionary discovery in the compounding of metals, we are now able to offer you a dynamic speaker that operates absolutely independent of field excitation supplies. An exceptionally fine unit for multi speaker P.A. installations in Schools, Hotels, etc. Also an ideal speaker for battery sets or as an extension speaker on A.C. sets. Performance superior to old style permanent magnet or Magnetic Speakers. Is fully equal to best quality Dynamic Reproducers using field current. Non-Magnetic Metal Covering over magnet.

Hotels, etc. Also an ideal speaker for battery sets or as an extension speaker on A.C. sets. Performance superior to old style permanent magnet or Magnetic Speakers. Is fully equal to best quality Dynamic Reproducers using field current. Non-Magnetic Metal Covering over magnet.

## 8 Inch Speakers

8 1/2" dia. Overall depth 3 1/2". Voice coil will handle up to 5 watts power.  
**K15755**—With Universal Output Transformer. Matches all tubes single or push-pull.  
**K15756**—With 1000 ohms tapped at 500 ohms line Output Transformer for P.A. installations.  
 List Price Each, \$7.60.  
**YOUR PRICE ..... \$3.72**

## 6 Inch Speakers

6 1/2" Dia. Overall depth 2 1/2". Voice coil will handle up to 3 watts power.  
**K15757**—With Universal Output Transformer matches all tubes single or push-pull.  
**K15758**—With 1000 Ohms tapped at 500 Ohms Line Output Transformer for P.A. installations.  
 List Price Each, \$7.00.  
**YOUR PRICE ..... \$3.43**

## Magnetic Speakers

**In Square Type Cabinets**  
**K15730**—Cabinet with 5" magnetic speaker fitted with 6" cord. 7" square by 4" deep.  
**YOUR PRICE .. \$2.18**  
**K15731**—Cabinet with 6" magnetic speaker fitted with 6" cord. 7" square by 4" deep.  
**YOUR PRICE .. \$2.35**  
**K15732**—Cabinet with 8 1/2" magnetic speaker fitted with 6" cord. 9 1/4" square by 5" deep.  
**YOUR PRICE ..... \$3.05**

Especially desirable where large coverage is required of a single speaker. A grille in the back cover on the cabinet also permits installation in walls where it is desirable to serve more than one room with a single speaker. Both the front and back grilles are of the same attractive design and are backed up with gold bronze silk cloth. Cabinets are sturdily constructed and reinforced with glue blocks. Base is fitted with felt mounting feet. Entire cabinet, including the back grille, finished in beautiful dark walnut.

## With Volume Control

Speaker and cabinet exactly the same as above units except equipped with volume control and on-off switch. Allows complete control of volume from minimum to maximum right at the speaker. When volume control switch is turned off loading resistor is thrown across line to take place of speaker resistance so that volume of other speakers on line will not be affected. Particularly recommended for Multi-Speaker Public Address Installations in Schools, Hotels, Office Call Systems, etc., or as an extension speaker on any radio.  
**K15733**—5" magnetic speaker, cabinet and volume control unit completely assembled.  
**YOUR PRICE ..... \$3.50**  
**K15734**—6" magnetic speaker, cabinet and volume control unit completely assembled.  
**YOUR PRICE ..... \$3.85**  
**K15735**—8 1/2" magnetic speaker, cabinet and volume control unit completely assembled.  
**YOUR PRICE ..... \$4.55**

## Speaker Grill Cloth

Especially constructed of good quality fabrics properly woven so as to enhance the acoustic qualities of the receiver. Colorful black and gold pattern. For use behind speaker grilles.  
**K5734**—Supplied cut 12" x 12"  
**YOUR PRICE, Each Piece..... 18¢**  
**K5735**—Supplied any length. Width 52 inches.  
**YOUR PRICE, Per Yard..... \$1.39**

# Dynamic and Magnetic Speakers

## Miniature Speaker Cabinets



**K15810**—**YOUR PRICE ..... 95¢**  
 Each.  
 Ten for \$8.95  
 Gothic design. Solid, rigid construction. Natural walnut veneer front in rich hand rubbed brown finish. Suitable for 5" Magnetic and Dynamic Speakers. Handsome appearance. Provides excellent baffle. Overall size 9" high, 7" wide, 3 1/2" deep.

## New Walnut Cabinet



For Magnetic or Dynamic Speakers Takes any Speaker Not Over 8 1/2" Diameter.  
**K15811**—Cabinet Only. List Price \$3.50.  
**Your Price, ..... \$1.40**  
 Each ..... \$1.50  
**TEN FOR \$13.50**

Attractive new design cabinet. Genuine Walnut front and sides in rich warm walnut brown finish. Neat grille with fine, dark gold, figured, two tone grille cloth. Very strong and rigid yet light in weight. Veneer back cover drilled with six 1/4" holes makes for a finely finished job and insures best acoustic properties. Height 11". Width 10 1/2". Depth overall 6 1/2". Screw holes omitted so that properly finished job can be made with any speaker.

## 8 1/2" Magnetic Speaker



**K15780**—List Price \$4.50.  
**Your Special \$1.47**  
 Price, Each.  
 Ten for \$14.00

A highly efficient speaker that gives more volume on less energy input. Finest tone quality with true fidelity. Operates at peak with about 0.7 watts power input. Extra heavy magnet with balanced armature unit which is both mechanically and electrically centered. An ideal speaker for original installation in battery set or for use as an extra extension speaker in sets using dynamic speaker. Mounted in Walnut cabinets we supply, this speaker makes a very high grade installation on Hotel and P. A. Jobs. D.C. resistance about 1000 ohms. Overall diameter 8 1/2 inches. Depth 1 1/2". Rigid steel frame with mounting holes in outer diameter.

## Special 4 1/2" Dynamic



**250 Ohm Field, Voice Coil 1/2", 2 Ohms Impedance**  
**K15631**—List Price, \$2.50.  
**YOUR PRICE, EACH ..... 69¢**  
 Ten for \$6.50

The Smallest Satisfactory Dynamic Speaker Made. Three Paint 2 inch micarta-spider-web voice coil support. Low resistance Hum Bucking coil. Handles 1 1/2 watt signal with surprising tone quality for such a small reproducer. Extends 2 1/2" back of baffle. Output Transformer not included. Instruction sheet explains how to add this speaker to existing circuits without use of transformer, as a "second" or "high frequency accentuating" speaker. Low resistance field coil permits substitution of field in place of first filter choke in majority of receivers.

## Balanced Armature Type Unit

A good quality aluminum diaphragm unit with a hardened steel magnet, constructed for rough hard usage. Suitable for use on 500 milliwatt output; should be used with an output transformer if more than 20 milliamperes of D.C. is liable to flow through its windings. Diameter of threaded portion 7/8". Supplied with a long double tipped phone cord. Former list \$5.00.  
**K9403**—YOUR NET PRICE  
**ONLY ..... 39¢**  
**TEN FOR \$3.48**

## Magnetic Speakers

Improved design. Sturdily built. Very fine tone qualities. Heavy pressed steel frame, cadmium plated. Heavy magnet with improved balanced armature unit. Extra flexible diaphragm. Bakelite strip with mounting lugs. Recommended as a replacement speaker in battery sets and for hotel room or other P.A. multi-unit installations; for extension speaker on any line or auto set. Handles full room volume without distortion. D.C. resistance about 1000 ohms. Will match most output tubes.  
**K15781**—5 inch Magnetic Speaker. Depth 2 1/2". Ship. Wt. 1 lb. List Price, \$1.95.  
**YOUR PRICE ..... 85¢**



**K15782**—6 1/2 inch Magnetic Speaker. Depth 2 1/2". Ship. Wt. 2 lbs. List Price, \$2.35.  
**YOUR PRICE ..... \$1.29**

**K15783**—8 1/2 inch Magnetic Speaker. Depth 3 1/2". Ship. Wt. 2 1/2 lbs. List Price, \$2.80.  
**YOUR PRICE ..... \$1.65**

**K15784**—8 1/2 inch Magnetic Speaker with Dual Magnet. Depth 3 1/2". Ship. Wt. 3 lbs. List Price, \$3.50.  
**YOUR PRICE ..... \$2.06**

## Improved Dynatest Speaker



- Tests all radio chassis without their speakers.
- Determines whether set or speaker is at fault and eliminates blindly removing both chassis and speaker.
- Matches any output tube combination. Either single, push-pull, parallel, Class A or Class B.
- Three rotary switches select the proper field resistance, output impedance and voice coil transformer.
- Handling capacity of 5 watts continuously and from 8 to 10 watts for testing purposes.

### Field Resistances

A heavy duty dynamic speaker having an oversized field housing containing a multiple field tapped at 650, 1000, 1500, 2000, 2500, 3000, 5000 and 11,000 ohms with special taps at 300 and 2500 ohms. By means of a variable switch anyone of the fields can be brought into the circuit. Meets the requirements of more than 90% of the sets in service.

### Output and Voice Coil Impedances

One variable switch is used to adjust the Dynatest speaker so that it will operate with any combination of output tubes and the other permits operation with voice coils of from 1 to 16 ohm impedance. Complete Unit is housed in a 12x12x6 inch leatherette covered case. Binding posts are so arranged that straight wire leads or plugs may be used. Engraved indicating plates.  
**K15640**—Complete Unit in portable case.  
 List Price, \$22.50.  
**YOUR PRICE ..... \$13.23**

**K15641**—Laboratory Model without cover or handle. List Price, \$21.50.  
**YOUR PRICE ..... \$12.64**

**K15642**—Panel Only Completely Wired. List Price, \$19.60.  
**YOUR PRICE ..... \$11.51**

## Silverene Enamel

Gives a very high lustre and an extremely smooth brilliancy. Non-scorches, air and water tight. Will not peel, chip or crack. Highly reflective to heat and light. Recommended for Broadcast and Amateur Studios' Towers and Poles, P.A. Equipment and Trucks, Radio Equipment. Suitable for use on Wood or Metal.  
**K5714**—1/2 Pint Can. **59¢**  
**YOUR PRICE**



# REPLACEMENT SPEAKER CONES VOICE COIL ASSEMBLIES



**2 3 FEATURES**

### For Majestic Speakers G1, G2

On a piece moulded, seamless fibre. The original part in these Speakers is of heavy paper and does not provide reproduction at all comparable with that of these replacements. Make the change and note the improvement.

K16109—For G1  
K16110—For G2  
YOUR PRICE, EACH ..... **95¢**

### Improved DeLuxe VICTOR Cone

For RE32, 45, 57, 75

Made of reinforced one piece fabric, coated with metallized lacquer. Apex is double reinforced, a feature not used in the original. Bakelite voice coil bobbin with 4 layers of precision wound wire. Far superior to the original part.

K16181—YOUR PRICE, EACH ..... **95¢**

### For Philco

K16155—For Models 87, 65, 95, 76, 96, 77, 40, 111, 90, 112.

YOUR PRICE ..... **68¢**

K16152—For Models 90, 3, 7, 20, 21, 70.

YOUR PRICE ..... **53¢**

See listing below for a Complete Listing of Philco Cones.

WE CAN FURNISH CONES FOR ANY SETS NOT LISTED: Send in your old cone with voice coil attached.

Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price
<b>Arline (Mont. Ward)</b>			
15,000	8 1/2	16000	\$1.18
1800, 14, 11	8 1/2	16001	1.18
1238, 1838, 13, 15, 16, 18 (Utah Large Cub No. 2)	7 1/2	16002	1.32
2955, 3065 (Utah Stadium)	12	16003	1.71
52, 45, 47, 70, 72, 84, 94, 79, 49, 76 (Utah Large Cub No. 3)	7 1/2	16004	1.42
360 (Magnavox 130)	8 1/2	16005	1.37
24 (Jensen D 15)	8 1/2	16006	1.32
1420 (Utah Cub 2 pt.)	6	16007	.88
80, 24 (Jensen D9)	11 1/2	16008	1.62
62, 43, 078 (Oxford)	6	16009	.88
96, 98, 104 (Operadio)	5	16010	.88
33-25; 62,000 11,000; 33-35 (Utah Little Giant No. 1)	8	16011	1.18
2955 (Jensen D8)	11 1/2	16012	1.71
AF10 (Oxford) 3 pt.	10	16013	1.47
33-35 (Rola F6)	8	16014	1.18
62-190 (Operadio)	8	16015	1.18
<b>Atwater Kent</b>			
43, 46, 55, 60, 66, 67, 64, F4, (Pt. No. 15142)	10 1/2	16020	1.18
43, 46, 55, 60, 66, 67, 64, F2 (Pt. No. 14374)	10 1/2	16021	1.18
80, 82, 84, 558, 627, 87, 90, 92, 87, Early 83, 85 (Pt. No. 19465)	8 1/2	16022	1.03
112, L. F. P. II (Pt. No. 18081)	10 1/2	16023	1.18
77, 88, 89, 94, 96, 469, Late 83, 85 (Pt. No. 20737)	10 1/2	16024	1.18
<b>Best D5</b>			
D45	5	16028	.88
D65	5	16029	.88
	6	16030	1.03
<b>Bosch 48,58</b>			
31, 73, 20J	9 1/2	16031	1.62
5A, 39A	9 1/2	16032	1.62
7, 79, 36A	7	16033	1.18
29A (Magnavox D7)	9	16034	1.18
	7	16035	1.62
<b>Brunswick 10</b>			
D, 11, 12	8 1/2	16036	1.47
16, 18, 33, 17, 24, 25	9	16037	1.47
S81, S82, 81, 82, 21, 31, 821, S31	12	16038	1.71
S14, 14	12	16039	1.71
	12	16040	1.71
<b>Clarion</b>			
60, 80, 81, 85, 90, 91	8 1/2	16036	1.47
100, 120, 25-60	12	16041	1.62
51, 53, 55, 25-51, 25-53, 25-51	12	16041	1.62
220, 260, 25-260	6	16043	1.18
240, 241, 280, 25-240; 25-280	8	16044	1.41
320	6	16045	1.18
100	8 1/2	16046	1.47
480	10	16047	1.62
<b>Crosley</b>			
M45, 262, 428, 628, 408, 308, Dynacool 124 (Utah Lge. Cub. No. 2)	9	16050	1.47
124 (Jensen D9)	11 1/2	16008	1.62
124 (Magnavox 144)	7 1/2	16051	1.32
125 (Utah Lge. Cub. No. 3)	7 1/2	16004	1.32
127 (Jensen D9)	11 1/2	16008	1.62
148	6	16052	.88
249 (Magnavox 138)	8 1/2	16053	1.47
269 (Buddy Boy)	8 1/2	16005	1.47
167	6 1/2	16054	1.03
515	5	16055	.88
955	6 1/2	16056	.88

Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price
<b>Eveready</b>			
30,40 (Magnavox 2157)	9	16035	\$1.62
50	10	16057	1.47
<b>Fada</b>			
Deep, 20, 32, 25, 15, 15B, 15C	8 1/2	16058	1.62
KU45, 65, 41, 42, 42, 42, 44, 46, 47	10 1/2	16059	1.70
<b>General Electric</b>			
T41, H31, H51, H34, H72, S22, S132, R62, S42B, (RCA 106)	10 1/2	16060	1.18
J80, J85, J75 (RCA 48)	10	16061	.88
B40, 65	5	16062	.59
<b>General Motors</b>			
120 (Rola "J")	9 1/2	16063	1.62
"Little General" (Rola "K")	7 1/2	16064	1.53
<b>Graybar Electric</b>			
GH28, GB700, GB770, GB900, GB100, (RCA 106)	10 1/2	16060	1.18
GB8, GB989, GB9 GB7, GC14, GC13 G78, (RCA 48)	10	16061	.88
G78-56 (RCA R71)	7 1/2	16065	.73
<b>Grunow</b>			
801, 701, 752, 751, 753, 671, 1152, 1162	10	16066	1.62
71, 700	9	16067	1.47
501, 550, (Utah 5D)	5	16068	.88
500, 504	5	16069	1.18
520	5	16074	.88
650, 651, 750, 661, 670	8 1/2	16070	1.47
450, 660, 662	7 1/2	16071	1.32
901, 902, 1101	12	16072	1.70
1151, 1161	12	16073	1.70
<b>Jensen D4, D5</b>			
D7, D8	9 1/2	16075	1.71
D9 (Outside Spider)	11 1/2	16076	1.71
D9 (Inside Spider)	11 1/2	16008	1.62
D15	8 1/2	16006	1.32
D16	8	16077	1.32
DA5, DA6 Aud. DA7 Aud.	13	16078	2.94
	13	16079	2.94
<b>J1, J2</b>			
313, T3	6 1/2	16080	1.93
D19 Short 3 pt. Spider	5	16081	.88
D19 Long 3 pt. Spider	10	16082	1.62
D19 Inside Spider	10	16083	1.62
D12, D14	10	16084	1.47
K1, K2	8 1/2	16085	1.41
P. M. I.	6 1/2	16086	1.03
	8 1/2	16087	1.32
<b>Series "R"</b>			
Series "R"	8	16088	1.18
Series "R"	6	16089	.88
Series "R"	5	16090	.88
Ortho-Dynamic	12	16091	1.76
<b>Lyric D No. 9</b>			
S-7 (Jensen D15)	10 1/2	16100	1.47
S-7 (Jensen D15)	8 1/2	16006	1.32
S-8	8	16101	1.47
S-80	10	16102	1.32
<b>Magnavox</b>			
D7, D8, D6, 80, 90, 100	9	16035	1.62
130 Series, 136	8 1/2	16005	1.47
130 Series, 138, 401	8 1/2	16053	1.47
140, 144	7 1/2	16051	1.18
150	6	16103	.88
195	5	16104	.88
<b>Majestic</b>			
G1—71, 72	9	16109	.95
G2—71, 72, 91, 92, 181	9	16110	.95
G3—90, 91, 93, 101, 102, 103	10	16111	1.18
G4—130	10	16112	1.18
G10B—151, 153, 154, 155, 156	7 1/2	16113	1.18
G11B, G11C, 251, 252, 254, 201, 203	10	16114	1.41
204, 211, 214	10	16114	1.41

Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price
<b>Majestic (Continued)</b>			
G13B, G13C, 353, 315	12	16115	\$1.32
G19—291, 293, 294, 303, 304, 324, 314	10	16116	1.18
<b>GJ16B—311 (Jensen D16)</b>			
G5, 131, 132, 233, 61, 63, 163, G6, 51, 52, 53	8	16077	1.32
	12	16117	1.71
	10	16118	1.47
<b>G7, 21</b>			
G24	10	16119	1.47
G25—381 (Pirate Chest)	6	16120	.98
	5	16121	.82
<b>G26A—411, 413, 411A, 413A, 371, 373, G26C</b>			
"Best D5"—371	5	16122	.85
373	5	16028	.88
"Best D65"—331	6	16030	1.03
<b>Newcomb-Hawley N19 (Magnavox D7)</b>			
	9	16035	1.62
<b>Oxford</b>			
Joy Kelsey Type Models 23	10	16125	1.47
Joy Kelsey Type 23, 31, 59, 24	8	16126	1.41
2 pt. Spider (oval)	8 1/2	16127	1.47
23, 31, 59, 24	10	16013	1.47
70, 72, 67	12	16129	1.70
	14	16130	2.35
<b>Oxford (No. Chgo) Inside Spider</b>			
2 pt. Spider	6	16099	.88
	8	16134	1.18
	8	16135	1.32
<b>Oxford Radio Co. (Chicago) 6A</b>			
5A (2 pt. Spider)	6	16136	.88
Model 8A	5	16137	.73
Model 11A	8	16138	1.03
Model 11MB	10	16140	1.18
Model Auditorium Model 12MB	14	16141	1.76
	11	16142	1.32
<b>Philco Home Sets</b>			
14, 15, 18, 19, 43, 47 (D.C.), 71, 80, 91 (Part #36-3159)	7 1/2	16150	.47
16, 17 (Part #36-3061)			
	10	16151	.71
20, 21, 46 (D.C.), 70 (A.V.C.), 90 (2-45's), 90(1-47), 90(2-47's), 470,490 (Part #02996)	8 1/2	16152	.53
35 (Batt.), 37 (Batt.) 35, 37, 50, 51 (Pt. #02887)	8 1/2	16153	.53
38 (Batt.), 60 (Part #36-3157)	7 1/2	16154	.48
40 (D.C.), 41 (D.C.), 42 (D.C.), 65, 76, 77, 87, 90(2-45's), 90 (1-47's), 90(2-47's) 95, 90(11), 112 (2-45's), 112 (2-47's) (Part #36-3170)	8	16155	.68
48 (D.C.), 50, 51, 52, 80, 81 (Pt. #02861)	5 1/2	16156	.38
53 (Part #36-3000)	5 1/2	16157	.32
54, 57, 58, 59, (Part #36-3029)	5	16158	.35
86 (Part #02935)	8 1/2	16159	.88
<b>Quam-Nichols</b>			
2 pt. Spider	5	16170	.88
2 pt. Spider	6	16171	.88
2 pt. Spider	8	16172	1.18
<b>RCA-Victor</b>			
102, 103	8	16175	1.18
PT. 8558, Speaker 106, Models RF20, R34, R35, R39, R50, R55, RE57, RA59, RA179, R80, R82, R86	10 1/2	16060	1.18

Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price
<b>1— One-piece seamless cones.</b>			
<b>2— Due to improved molded construction, these cones surpass the originals in tone quality and durability.</b>			
<b>3— Coils are machine wound, same number of turns and size of wire as originals.</b>			
<b>RCA-Victor (Cont Inued)</b>			
PT. 8601, Models 48, R6, R7, R7A, R7LW, R8, R9, R9DC, R10, R10DC, R11, R12, R14, R15, RE16, R16A, RE17, RF18, RE18A, RE19, R21, R023, RAE26, C, R29, R34, R42, R43DC RE73	10	16061	\$0.88
Photophone Pt. 9023, M34, M105	14 1/2	16176	1.70
PT. 8987 Models R28, R28P, K22 R28VW, RE40, RE40P, 100, 101, 110, 111, 114, 115, M116, 300, 301	5	16177	.59
PT. 8916, Models R78, CRD9C, RA-F-84	10	16178	.97
PT. 8921, Models R71, R71B, SWA-3, R24	7 1/2	16065	.73
PT. 8935, Models R74, R70, R73, R75, R76, R77, RE81, 128, 128E, 210, 211, 221, 223 224, 224E, 322, 322E	10	16179	.97
Photophone Pt. 10801, Model R32, R35, F35, RE45, R52, R75, RE155, E152, RE154, RE156	7 1/2	16180	.88
PT. 7236, Models R5, RX5, R-5DC (RCA R71)	7 1/2	16065	.59
PT. 7442, Model R4, (RCA R71)	7 1/2	16065	.59
PT. 7594, Models R17-M, R-27, (Mag.) (Mag. 5)	5	16182	.59
PT. 7598, Models R-18W, R27, (Dyn.) (GE RL56)	6 1/2	16183	.59
PT. 8359, Model R-22, (RCA100)	10	16184	.82
PT. 8829, Models M30, P31, (RCA R71)	7 1/2	16065	.



**A Special Speaker Value**



**Best De Luxe  
6 1/2" Dynamic**

K15630—**\$1.58**  
List. \$9.50.  
EACH

**TEN FOR \$14.95**  
With Output Transformer  
For Single 47, 2A5, PZ,  
7Z, 79, 89, 33, 68, GA  
Tubes. Field Resistance 2500  
ohms.

Full size Genuine Best  
Dynamic Speaker Chassis.  
Rust-proof aluminum finish.  
Strong, rugged construction. Overall diameter  
6 1/2". Depth 2 3/4". Voice coil diameter 5/8". Power  
handling capacity 3 watts. Power dissipation of  
field 5 watts. One-piece moulded cone.

Strong, rugged construction. Overall diameter  
6 1/2". Depth 2 3/4". Voice coil diameter 5/8". Power  
handling capacity 3 watts. Power dissipation of  
field 5 watts. One-piece moulded cone.

**Magnetic Speaker Coils**

for RCA R-100, 30, and  
Western Electric 540AW  
Magnetic Speakers

K5700—**25¢**  
Your Price, Per Pair

Exactly duplicate the original  
coils physically and electrically.  
Total Resistance 1500  
ohms. Size 2 1/2" Outside  
diameter with 3/8" hole.  
Thickness 3/16"



For RCA R-100A, 100B and 103  
D.C. resistance 1200 ohms. Size of each coil, 1 1/4"  
outside diameter, 1/4" hole diameter, 3/16" thick-  
ness. For Speakers used in RCA Models 30A, 50  
and 51. For use with any Speakers using this  
same size coil.

K5701—**29¢**  
YOUR PRICE, PER PAIR

**Speaker Field Coils For  
APEX, GLORITONE  
U. S. Radio Television  
and Montgomery Ward Sets**



High grade coils. Wound more  
accurately and impregnated  
more thoroughly than the original.  
The complete specifications  
shown below assure you of  
receiving exact coil needed.

**YOUR PRICE \$1.47**

Set Model	Fact. Spkr. No.	Our Stock No.	Resist. Field Ohms	Dimensions Inches I. D. O. D. L.
20	2714	K5465	5,935	1 1/4 2 1/4 1 3/8
26	2286	K5466	11,500T	1 1/4 2 1/4 1 3/8
26A	2487	K5467	11,500T	1 1/4 2 1/4 1 3/8
26P	2758	K5468	11,500T	1 1/4 2 1/4 1 3/8
26P	2925	K5469	11,500T	1 1/4 2 1/4 1 3/8
26P	3261	K5470	1,000	3/4 2 1/4 1 1/8
27	1938	K5471	11,000	1 1/4 2 1/4 1 3/8
32	2505	K5472	7,000	1 1/4 2 1/4 1 3/8
8A	2801	K5473	6,600T	1 1/4 2 1/4 1 3/8
10B	2802	K5474	6,600T	1 1/4 2 1/4 1 3/8
99A	3261	K5475	1,000	3/4 2 1/4 1 1/8
31	K5476	2,500	1 1/4 2 1/4 2 3/8	
24	K5477	2,500	1 1/4 2 1/4 2 3/8	
46	K5478	2,500	1 1/4 2 1/4 2 3/8	
54	K5479	2,500	1 1/4 2 1/4 2 3/8	
7A	K5480	650	1 1/4 2 1/4 1 1/8	
600	K5481	9,600T	1 1/4 2 1/4 1 3/8	
47	K5482	5,000	1 1/4 2 1/4 1 3/8	
12B	K5483	2,250	1 1/4 2 1/4 2 3/8	
	K5484	2,500	1 1/4 2 1/4 2 3/8	
41	K5485	2,250	1 1/4 2 1/4 1 3/8	
19	K5486	1,350T	1 1/4 2 1/4 3	
120	K5487	7,600T	1 1/4 3	

\*Tapped at 2400 ohms. †Tapped at 3000 ohms.  
\*Tapped at 450 ohms.

**New Grafalene**

**Radio Contact Lubricant**

K5710—**21¢**  
YOUR PRICE

Eliminates noise on controls and  
contacts. Protects from dirt and dust.  
Insures proper and lasting repairs for  
all air-exposed contacts. Used for  
lubricating switches, tube prongs, elec-  
tric motors, etc. Cleanses and lubricates. A  
cream solution.



**Insulating Varnish**

Protects and Insulates

K5720—Pint Size. **59¢**  
YOUR PRICE

For use in treating coils, buzzing  
or noisy transformers, chokes, and  
etc. Clear amber colored insulating  
varnish composed of highest  
quality ingredients. High die-  
lectric strength. Produces a  
smooth, tough film. Is water-  
proof, oil proof, and non-corrosive.  
Can be used as dipping varnish or applied with a  
brush. Requires no baking and dries in air.



**Dial Lite Coloring**

K5715—  
List. 50¢. **29¢**  
Your Price

Kit includes five 1/4  
oz. screw top bot-  
tles: Red, Green,  
Blue, Amber and  
Solvent. Dip dial  
light in the coloring  
and the job is done.  
Dries in one minute. Color remains permanently.  
Many new sets have several colored dial lites, re-  
place with one of the same color and ask more  
money for the job. Bottle opening large enough  
to receive pilot light bulbs.



**Non-Slip Compound  
for Dials**

K5712—**18¢**  
YOUR PRICE

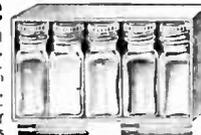
For aiding in repair of slipping fric-  
tion, and cable or cord driven dials.  
Saves much work and insures a perfect  
job. Easy to use. Powder form.  
Should be applied freely to all slip-  
ping parts. Generous supply in ear-  
board container: 2 3/8" x 1 1/2" high.



**Color Coding Enamel**

K5716—  
Your Price, **29¢**  
Complete

For color-coding coil  
forms, jacks, sockets,  
terminal blocks, etc.  
Five 1/4 oz. screw top  
bottles: Green, Blue,  
Yellow and Red, to-  
gether with bottle of  
thinner. Four brushes  
are supplied.



**New Air Drying**

**Black Crystallizing Lacquer**

No Baking or Heating Required

K5717—Half-Pint. **59¢**  
YOUR PRICE

K5718—Pint can **\$1.05**  
YOUR PRICE

K5719—Quart can **\$1.87**  
YOUR PRICE

Gives any metal a professional  
crystalline (crackle) finish.  
Makes repair jobs look new.  
Easy to work with—just paint  
the panels and let it air dry. Dries in twenty  
minutes. Produces small swirling type designs.



**Cement for Bakelite  
Glass or Metal**

K5730—  
YOUR PRICE, PER CAN **21¢**

Made for sticking Bakelite to  
Bakelite, glass, metal parts, etc.  
For cementing loose inserts, mold-  
ings, tube base, caps, etc. Finds  
many uses around the shop.  
Generous supply in metal can  
with directions.



**Furniture Scratch Remover**

K5725—List. 50¢. **30¢**  
YOUR PRICE

Just a touch of stain with the  
brush and the scratch disappears  
forever. Always ready for use.  
Suitable for any color finish. In-  
dispensable in Radio store, for  
touching up minor scratches and  
defects. Packed in permanent  
case, easily carried in the vest-  
pocket.



**Ray-O-Vac Phix**

For Filling Cracks and Holes  
in Radio Cabinets

K5726—1/2 lb. can. **25¢**  
YOUR PRICE

For filling holes or cracks in radio  
cabinets, for restoring carved or orna-  
mental wood. For use with wood,  
bakelite, metal, stone, cement, plaster,  
etc. Mixes quickly with a little water  
—sets within a few minutes. Can be sanded,  
carved, planed, drilled, sanded, painted,  
varnished or lacquered within a few hours.  
Prepared in a natural color. Can be used for  
reseating screws. Does not shrink and is non-inflammable.



**5000 Volt Insulating Cambric**

K5736—Roll of 200  
square inches.

List Price, 50¢. **29¢**  
YOUR PRICE

For insulating and prevent-  
ing grounds and shorts on  
field coils, transformers,  
resistors, condensers, wires,  
etc. Will safely withstand  
up to 5000 volts. A dry  
cambric.



**SCOTCH Electrical  
and Radio Tape**

1700 Volt Insulation

K5737—30 foot roll. **29¢**  
YOUR PRICE

For use on all radio and elec-  
trical work. Has all the ad-  
vantages of varnished cambric  
plus those of ordinary friction  
tape, plus greater adhesive  
properties and flexibility. Easy  
to use, no water is required; slight  
pressure instantly seals. Adheres to  
flat or irregular surfaces—wood,  
metal, paper, glass, bakelite, cloth,  
etc. Not affected by atmospheric  
conditions. Thickness 10 mils.  
High tensile strength and high die-  
lectric strength (1700 volts). Used  
for insulation of coils, resistors,  
wire splices, tying end coil turns,  
binding condensers together and to  
chassis. Repairing broken speaker  
cones. 1/2" wide.



**Adhesive Rubber Cushion**

Stops Rattles and  
Vibrations

10 Foot Roll **20¢**  
K5740—1/2" thick-  
ness

K5741—3/8" thick-  
ness. **24¢**

K5742—1/4" thick-  
ness. **32¢**

50 Foot Roll. **\$1.10**  
K5743—3/8" thick-  
ness.

K5744—1/2" thick-  
ness. **\$1.35**



A live sponge rubber material that can be quickly  
and easily applied wherever the prevention of vi-  
bration or shock is desired. The 3/8" wide sponge  
rubber cushion is coated with an adhesive compound  
that instantly seals with the slightest pressure.  
Rubber compresses to one-half normal thickness  
and retains its live resiliency over a long period  
of time. Easily formed to cover any hard, flat, ir-  
regular or curved surface. No tacks are required  
for application. Adhesive compound protected by a  
glazed white cloth which is easily removed.  
Wherever greater thickness or width is desired  
several layers may be applied. Uses: Cushions  
radio chassis, speakers, vibrators, condensers, etc.

**Speaker Centering Shims**

K5750—  
Your Price, Per Kit..... **36¢**

For centering and adjusting cone  
in pole piece of speaker. Insure  
simple, positive, spacing and cen-  
tering for Voice Coils and Cones.  
Makes Speaker Repairs  
and replacements easier to handle.  
Kit includes four of each size  
shims in following thicknesses—  
.005", .0075", .010", and .0125".  
Shims are made of very flexible cellulose. Each  
size shim is distinctively colored to denote its  
thickness. Packed in convenient case  
with a separate compartment for each size.



**Paper Rings and Felt Strips**

For Mounting  
Speaker Cones

K5752—**29¢**  
Your Price, Per Set

An assortment consisting of  
9 rings and 9 pieces of felt  
6", 8", 10", 12", and 1 1/2" thick.  
One each of the following  
sizes: 5", 6", 7", 8", 9",  
10", 11", 12" and 13"  
outside diameters. A great time saver and con-  
venience for any serviceman. An absolute necessity  
in mounting of speaker on cabinet or baffle.



**Radio Repair Cement**

For Speaker Cones,  
Anchoring  
Wires Etc.

K5731—  
YOUR PRICE,  
Per Set **34¢**

Extensively used by leading Radio Manufacturers  
for cementing speaker cones and voice coils,  
anchoring R.P. coil wires, etc. Waterproof. Makes  
extra strong durable joint. Ready for use. Sets  
almost instantly. Generous size metal can will  
last for months. Easily carried in kit without  
danger of breakage. Brush for applying and  
can of thinner included. Thinner is also useful  
for loosening cemented wires and removing  
voice coils.



**Cone Cement**

In Handy Metal Tube

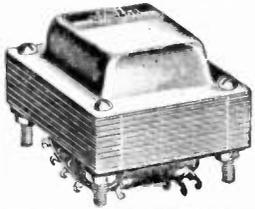
K5732—  
YOUR PRICE..... **24¢**

For cementing cloth and fibre cones,  
paper rings or felt to metal speaker  
frames. Dries in less than ten minutes  
and will hold permanently. Supplied in  
a metal tube containing three ounces.



# Stancor Replacement Power Transformers

## Flush Mounting Replacements



These transformers fit the physical and electrical requirements of the majority of receivers. Heavy oversized laminations are carefully stacked. Tinned copper rust-proof mounting lugs are securely anchored to fibre plate, which covers the bottom of the transformer coil. Skillful engineering, best quality materials and high class workmanship are incorporated in every transformer. Cadmium-plated, rust-proof finish. Any combination of tubes may be used providing the current ratings of the windings are not exceeded. Diagram included with each transformer.

**For 105-115 V.; 50-60 Cy. Oper.**

### For 2.5 Volt Tubes

**4-Tube**  
 Plate 650 Volts, C.T. 40 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 2½ Volts, C.T. 3½ Amps.  
 Mtr. Area 2½"x3"  
 Mtr. Centers 2½"x2½"  
**K6310**—Stancor type P-2750.  
 List Price, \$1.95.  
**YOUR PRICE \$1.15**

**4 or 5 Tubes**  
 Plate 650 Volts, C.T. 40 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 2½ Volts, C.T. 4½ Amps.  
 Mtr. Area 2½"x3"  
 Mtr. Centers 2½"x2½"  
**K6311**—Stancor type P-2770.  
 List Price, \$1.95.  
**YOUR PRICE \$1.32**

**4 or 5 Tubes**  
 Plate 650 Volts, C.T. 40 MA.  
 Fil. 1. 6 Volts, C.T. 3 Amps.  
 Fil. 2. 2½ Volts, C.T. 1½ Amps.  
 Fil. 3. 2½ Volts, C.T. 3½ Amps.  
 Mtr. Area 2½"x3"  
 Mtr. Centers 2½"x2½"  
**K6312**—Stancor type P-2868.  
 List Price, \$2.45.  
**YOUR PRICE \$1.44**

**5 or 6 Tubes**  
 Plate 700 Volts, C.T. 50 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 2½ Volts, C.T. 1½ Amps.  
 Fil. 3. 2½ Volts, C.T. 5½ Amps.  
 Mtr. Area 2½"x3½"  
 Mtr. Centers 2½"x2½"  
**K6313**—Stancor type P-2869.  
 List Price, \$3.15.  
**YOUR PRICE \$1.85**

**6 or 7 Tubes**  
 Plate 700 Volts, C.T. 70 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 2½ Volts, C.T. 3½ Amps.  
 Fil. 3. 2½ Volts, C.T. 7½ Amps.  
 Mtr. Area 3"x3½"  
 Mtr. Centers 2½"x3½"  
**K6314**—Stancor type P-2870.  
 List Price, \$3.45.  
**YOUR PRICE \$2.03**

**8 or 9 Tubes**  
 Plate 700 Volts, C.T. 90 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 2½ Volts, C.T. 3½ Amps.  
 Fil. 3. 2½ Volts, C.T. 9 Amps.  
 Mtr. Area 3"x4½"  
 Mtr. Centers 2½"x3½"  
**K6315**—Stancor type P-2860.  
 List Price, \$4.00.  
**YOUR PRICE \$2.35**

**10 to 12 Tubes**  
 Plate 700 Volts, C.T. 110 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 2½ Volts, C.T. 3½ Amps.  
 Fil. 3. 2½ Volts, C.T. 14 Amps.  
 Mtr. Area 3"x4½"  
 Mtr. Centers 3"x3½"  
**K6316**—Stancor type P-950.  
 List Price, \$5.50.  
**YOUR PRICE \$3.23**

### Stancor Universal Output

Designed to couple any power tube or push-pull output either 2A3 and 50 tubes to any valve coil load approximately 1, 4, 8, 15, or 30 ohms impedance. Instructions included. Size 1½"x2½"x1½" h. g. h.

**K6342**—List, \$1.60.  
**YOUR PRICE 94¢**

### Stancor Universal Input

A companion transformer to the above output. A suitable replacement for either interstage, push-pull or straight Audio Amplification. Center-tapped secondary for input to grids of any Class A power tubes. For either AC or DC receivers. Size: 1½"x2"x2½" high. Mtr. centers: 2¾".

**K6343**—List, \$2.20.  
**YOUR PRICE \$1.29**

### For 6.3 Volt Tubes

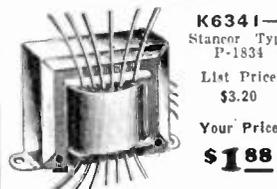
**4-Tube**  
 Plate 650 Volts, C.T. 40 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 6.3 Volts, C.T. 1.6 Amps.  
 Mtr. Area 2½"x3"  
 Mtr. Centers 2½"x2½"  
**K6317**—Stancor type P-2751.  
 List Price, \$1.95.  
**YOUR PRICE \$1.15**

**4 or 5 Tubes**  
 Plate 650 Volts, C.T. 40 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 6.3 Volts, C.T. 2 Amps.  
 Mtr. Area 2½"x3"  
 Mtr. Centers 2½"x2½"  
**K6318**—Stancor type P-2771.  
 List Price, \$2.25.  
**YOUR PRICE \$1.32**

**5 or 6 Tubes**  
 Plate 675 Volts, C.T. 70 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 6.3 Volts, C.T. 2½ Amps.  
 Mtr. Area 3"x3½"  
 Mtr. Centers 2½"x3½"  
**K6319**—Stancor type P-948.  
 List Price, \$3.60.  
**YOUR PRICE \$2.12**

**7 to 10 Tubes**  
 Plate 700 Volts, C.T. 120 MA.  
 Fil. 1. 5 Volts, C.T. 3 Amps.  
 Fil. 2. 6.3 Volts, C.T. 3 Amps.  
 Mtr. Area 3½"x3½"  
 Mtr. Centers 2½"x3½"  
**K6320**—Stancor type P-919.  
 List Price, \$3.90.  
**YOUR PRICE \$2.34**

### Stancor Tube Checking Transformer



**K6341**—Stancor Type P-1834  
 List Price \$3.20  
**YOUR PRICE \$1.88**

For construction of tube testers and for replacement. Secondary is tapped for 1; 1.5; 2.0; 2.5; 3.0; 3.5; 5.0; 6.3; 7.5; 12; 25 and 30 volts. Primary is tapped for 105; 115; and 125 volts. 12" ended leads. Height 2¾", depth 2¾" length overall: 4¾". Mtr. centers 3¾".

### Stancor 30 Henry Filter Chokes



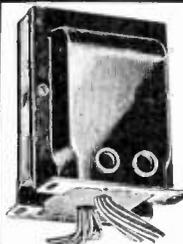
Guaranteed finest quality. Silicon steel core. Carefully stacked laminations. 57" leads. Enameled steel frame.

**K6355**—30 Henries, 50 MA. Dimensions: Core ¾"x2¾", Height 2", Depth 1¾". Length overall, 3¾". Mounting hole centers 2½". Stancor type C-1003.  
 List, \$1.25  
**YOUR PRICE 73¢**

**K6356**—30 Henries, 75 MA. Dimensions: Core 7/8"x1¾", Height 2½", Depth 1¾". Length overall, 3¾". Mounting hole centers 3¾". Stancor type C-1002.  
 List, \$1.35  
**YOUR PRICE 91¢**

**K6357**—30 Henries, 110 MA. Dimensions: Core 1"x1", Height 2¾", Depth 2". Length overall 4¾". mounting hole centers 3¾". Stancor type C-1001.  
 List, \$1.85.  
**YOUR PRICE \$1.09**

## Fully Shielded Replacements



For 105-115 Volt; 50-60 Cycle Operation

Each shield is provided with two fibre grommets through which any or all leads may be brought out for wiring above the chassis. Insulated 6" leads out bottom. Rich baked black enamel finish. Diagram supplied. Tube combinations listed are merely suggested applications. Any combination may be used, provided the current ratings of the windings are not exceeded.

STANCOR	Dimensions		
	Width A	Depth B	Height C
P-1501	3½"	3¾"	4½"
P-1502	3½"	3¾"	4½"
P-1503	3½"	3¾"	5½"
P-1504	3½"	3¾"	5½"
P-1505	3½"	3¾"	5½"
P-1570	3½"	3¾"	4½"

**P-1501—9 to 12 Tubes**  
**TUBES:** 5-26's; 2-27's or 4-56's; 1 or 2-71A's; 1-80, 82, 83 or 523.  
**SECONDARIES:**  
 (1) 600 Volts, C.T. 60 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 1½ Volts, C.T. 1 Amp.  
 (4) 1½ Volts, C.T. 4 Amps.  
 (5) 2½ Volts, C.T. 4 Amps.  
 (6) 5 Volts, C.T. ½ Amps.  
**K6325**—List, \$4.40.  
**YOUR PRICE \$2.59**

**P-1502—7 to 10 Tubes**  
**TUBES:** 4-27's, 24's or 9-56's; 1-45 or 47; 1-80, 82, 83, or 523.  
**SECONDARIES:**  
 (1) 700 Volts, C.T. 70 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 2½ Volts, C.T. 1½ Amps.  
 (4) 2½ Volts, C.T. 9 Amps.  
**K6326**—List, \$5.00.  
**YOUR PRICE \$2.94**

**P-1503—11 to 13 Tubes**  
**TUBES:** 6-26's; 2-27's or 4-56's; 2-45's or 47's; 2A5's; 1-80, 82, 83 or 523.  
**SECONDARIES:**  
 (1) 700 Volts, C.T. 120 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 1½ Volts, C.T. 1 Amp.  
 (4) 2½ Volts, C.T. 4 Amps.  
 (5) 2½ Volts, C.T. 4 Amps.  
 (6) 2½ Volts, C.T. 3½ Amps.  
**K6327**—List, \$6.25.  
**YOUR PRICE \$3.67**

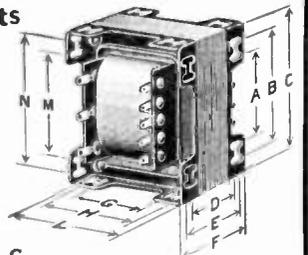
**P-1504—8 to 12 Tubes**  
**TUBES:** 5-27's or 9-56's; 2-45's or 47's; 2A5's; 1-80, 82, 83, or 523.  
**SECONDARIES:**  
 (1) 700 Volts, C.T. 120 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 2½ Volts, C.T. 1½ Amps.  
**K6328**—List, \$5.85.  
**YOUR PRICE \$3.44**

**P-1505—10 to 16 Tubes**  
**TUBES:** 7-27's or 13-56's; 2-45's or 47's; 1-80, 82, 83, or 523.  
**SECONDARIES:**  
 (1) 700 Volts, C.T. 120 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 2½ Volts, C.T. 4 Amps.  
 (4) 2½ Volts, C.T. 9 Amps.  
 (5) 2½ Volts, C.T. 3½ Amps.  
**K6329**—List, \$6.05.  
**YOUR PRICE \$3.56**

**For 6.3 Volt Tubes**  
**P-1570—7 to 10 Tubes**  
**TUBES:** For use with any combination of the new 6-3 volt tubes.  
**SECONDARIES:**  
 (1) 700 Volts, C.T. 85 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
 (3) 6.3 Volts, C.T. 3 Amps.  
**K6330**—List, \$5.50.  
**YOUR PRICE \$3.23**

### Universal Replacements

Equipped with Universal mounting brackets that allow for the greatest number of mounting hole centers. Tinned copper soldering lugs are mounted on heavy fibre strips. Carefully stacked laminations are firmly secured to frame at four points to entirely eliminate vibration. Durable rich baked black enamel finish. The tube combinations listed are merely suggested applications. Any combination current ratings of the windings are not exceeded. A diagram is enclosed with each transformer.



**For 105-115 Volt; 50-60 Cycle A.C.**

### Bracket Dimensions

TRANS	A	B	C	D	E	F	G	H	L	M	N
P841 P844	2½"	3½"	4½"	2½"	3½"	4½"	2½"	3½"	3½"	3½"	4½"
P848 P929 P930	2½"	2½"	3½"	1½"	2½"	2½"	1½"	2½"	3½"	2½"	3½"
P931	2½"	3½"	4½"	2½"	3½"	3½"	2½"	3½"	3½"	3½"	4½"

**P-841**  
**TUBES:** 6-26's, 1-27 or 2-56's; 2-50's; 2-81.  
**SECONDARIES:**  
 (1) 1200 Volts, C.T. 150 MA.  
 (2) 7½ Volts, C.T. 2½ Amps.  
 (3) 7½ Volts, C.T. 2½ Amps.  
 (4) 2½ Volts, C.T. 2 Amps.  
 (5) 1½ Volts, C.T. 6.3 Amps.  
**K6334**—List, \$6.90.  
**YOUR PRICE \$4.06**

**P-844**  
**TUBES:** 6-27's or 10-56's; 2-50's; 2-81.  
**SECONDARIES:**  
 (1) 1200 Volts, C.T. 150 MA.  
 (2) 7½ Volts, C.T. 2½ Amps.  
 (3) 7½ Volts, C.T. 2½ Amps.  
 (4) 2½ Volts, C.T. 10½ Amps.  
**K6335**—List, \$6.95.  
**YOUR PRICE \$4.09**

**P-848**  
**TUBES:** 6-27's or 10-56's; 1 or 2-71A's; 1-80, 82, 83 or 523.  
**SECONDARIES:**  
 (1) 570 Volts, C.T. 70 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 5 Volts, C.T. ½ Amp.  
 (4) 2½ Volts, C.T. 10½ Amps.  
**K6336**—List, \$4.35.  
**YOUR PRICE \$2.56**

**P-929**  
**TUBES:** 6-26's; 1-27 or 2-56's; 1 or 2-71A's; 1-80, 82, 83 or 523.  
**SECONDARIES:**  
 (1) 570 Volts, C.T. 70 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 2½ Volts, C.T. 2 Amps.  
 (4) 5 Volts, C.T. ½ Amp.  
 (5) 1½ Volts, C.T. 6.3 Amps.  
**K6337**—List, \$3.60.  
**YOUR PRICE \$2.12**

**P-930**  
**TUBES:** 5-27's or 8-56's; 1-45 or 47; 1-80, 82, 83 or 523.  
**SECONDARIES:**  
 (1) 700 Volts, C.T. 70 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 2½ Volts, C.T. 1½ Amps.  
 (4) 2½ Volts, C.T. 8½ Amps.  
**K6338**—List, \$4.00.  
**YOUR PRICE \$2.35**

**P-931**  
**TUBES:** 7-27's or 12-56's; 2-45's or 47's; 1-80, 82, 83 or 523.  
**SECONDARIES:**  
 (1) 700 Volts, C.T. 110 MA.  
 (2) 5 Volts, C.T. 3 Amps.  
**OR** 2½ Volts, C.T. 3 Amps.  
 (3) 2½ Volts, C.T. 3½ Amps.  
 (4) 2½ Volts, C.T. 12½ Amps.  
**K6339**—List, \$5.15.  
**YOUR PRICE \$3.03**

**Exact Fit Guaranteed**

THEY FIT! Mounting holes, lugs, voltages and everything exactly like the original. Better insulation and higher safety factor than the original but otherwise the same. We can supply any Transformer you require.

**Complete Stock—Quick Shipments**

**Additional Models**

We are constantly adding to our stock additional models of Replacement Power Transformers. If the transformer you require is not quoted here, write us for price, stating make and model of the receiver and the number and type of tubes used. We will promptly send you a low quotation on the job and guarantee an exact replacement.

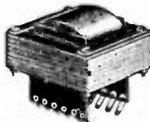
**Diagram of Connections**

Each unit is packed in an individual carton containing a pamphlet which plainly designates the connecting leads, the voltages, and gives the circuit. When ordering, state name, model number of the set for which transformer is required together with the stock number and you will be assured of prompt shipment.

RADIO MODEL.	Stock No.	Stancor Type	Your Price
<b>AIRLINE (Mont. Ward)</b> AE-10, 62-2600, 62-2622, 62-2655, 62, 2775	K6000	P-1478	\$4.38
62-290	K6001	P-1136	3.53
62-520, 62-1420	K6002	P-1070	2.53
62-420, 62-726, 62-2026, 62-2126	K6003	P-1358	2.29
62-060, 62-070, 62-1800	K6004	P-1405	2.29
62-60	K6005	P-1404	2.65
62-030, 62-232, 62-3235	K6006	P-1291	2.97
62-123K, 62-183K	K6007	P-1470	3.18
62-1355, 62-1955	K6008	P-1016	3.56
62-20, 62-25	K6009	P-1561	3.09
62-21, 62-22, 62-30	K6010	P-1461	3.08
62-6N, 62-49	K6011	P-1495	3.38
62-010	K6012	P-1438	3.65

**Airline 62-060,  
62-070, 62-1800, and  
Apex 26-W**

Stancor Type No. P-1405.  
Weight, 5 lbs.  
List Price, \$3.90



**K6004—  
YOUR PRICE \$2.29**

**ALL-AMERICAN  
MOHAWK (LYRIC)**

60, 61, 62, 65, 66, 80  
90  
Lyric D, Lyric H  
J, P  
S6

K6015	P-1463	\$3.76
K6016	P-1028	3.53
K6017	P-1134	4.07
K6018	P-1406	2.79
K6019	P-1410	2.29

**ATWATER-KENT**

37, 37C, 38  
55-Early, 55C-Early  
55-Late, 55C-Late  
60-1st type, 60-2nd type  
60C-1st type, 60C-2nd type

K6020	P-716	3.15
K6021	P-918	3.70
K6022	P-913	3.76

60-3rd type, 60C-3rd type  
66-Early & Late—Plate  
70-11 chassis, 70-12 chassis  
70-P chassis, 72-11 chassis  
72-12 chassis, 74-11 chassis  
74-12 chassis, 74-P chassis  
76-11 chassis, 76-12 chassis  
76-P chassis

K6024	P-1500	2.82
K6025	P-1213	3.67

80, 83  
82, 85  
84-Early, 84-Late  
87-1st type, 87-3rd type  
89-1st type, 89-3rd type  
89P-1st type, 89P-3rd type

K6026	P-1068	3.41
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80, 83  
82, 85  
84-Early, 84-Late  
87-1st type, 87-3rd type  
89-1st type, 89-3rd type  
89P-1st type, 89P-3rd type

K6027	P-1088	3.41
K6028	P-1084	3.43
K6029	P-1086	3.41

80, 83  
82, 85  
84-Early, 84-Late  
87-1st type, 87-3rd type  
89-1st type, 89-3rd type  
89P-1st type, 89P-3rd type

K6030	P-1080	3.70
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80, 83  
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87-1st type, 87-3rd type  
89-1st type, 89-3rd type  
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84-Early, 84-Late  
87-1st type, 87-3rd type  
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89P-1st type, 89P-3rd type

RADIO MODEL.	Stock No.	Stancor Type	Your Price
<b>BRUNSWICK</b> S-14, S-21, S-31, S-81, S-82, 14, 21, 31, 81, 82	K6042	P-1112	\$4.03
10	K6043	P-1499	2.62
11-D, 11A-D, 12-D, 12A-D 16-D, 16A-D, 18-D, 18A-D, 23-D, 33A-D (chassis)	K6001	P-1136	3.53
5-KR, 2-KRO, 3-KRO, 5-KRO, 3-KR6, 5-KR6 3-NC8, 5-NC8	K6044	P-701	3.18
	K6045	P-715	3.20
<b>CLARION</b> AC-40 AC-60 AC-61, AC-70 AC-80, AC-81, AC-84, AC-85, AC-120	K6043	P-1499	2.62
	K6042	P-1438	3.65
	K6041	P-1429	3.47
	K6047	P-1928	2.50
AC-90, AC-90-A, AC-91 AC-100 AC-160 AC-260	K6048	P-1166	3.79
	K6049	P-1558	2.29
	K6050	P-1074	3.15
	K6051	P-1494	3.18
AC-290 AC-300 AC-320 AC-340 AC-370 470, 472 480	K6052	P-1927	3.59
	K6053	P-1915	3.65
	K6054	P-1916	2.15
	K6055	P-1871	2.75
	K6056	P-1861	2.68
	K6057	P-1562	2.20
	K6058	P-1560	3.82

**Clarion A.C. 90,  
A.C. 90A, A.C. 91**

Stancor Type No. P-1166.  
List Price, \$6.45



**K6048—  
YOUR PRICE \$3.79**

**CROSLLEY**

40-S, 41-S, 42-S, 45-S, 45-S, 82-S  
(73 Chassis)  
41, 41-A, 42, 704-B  
706-Show Box Series  
146, 146-1 (Unmounted)

K6059	P-1015	\$3.18
K6060	P-1472	3.18
K6061	P-1563	3.82

31, 32, 33S, 41

K6062	P-893	3.72
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EDISON  
C-2, R-1, R-2  
(Plate—JR Chassis)  
C-4, R-4, R-5  
(7R & 8P Chassis)

K6063	P-961	3.18
K6064	P-1143	4.57

ERLA  
71, 72, 73, 271, 271-A  
81, 82, 245  
224, 224-B

K6065	P-1464	3.26
K6066	P-1466	3.41
K6067	P-1465	4.03

EVEREADY  
31-Series 30, 32-Series 30,  
33-Series 30, 34-Series 30  
Series 30-C

K6068	P-1030	3.44
K6069	P-1480	2.59

42-Series 40, 43-Series 40,  
44-Series 40  
52-Series 50, 53-Series 50  
54-Series 50

K6070	P-056	2.88
K6071	P-901	2.88

FREED-EISMANN  
NR-55  
NR-78, NR-79, NR-90-S,  
NR-95  
NR-85

K6072	P-1471	3.29
K6062	P-893	3.73
K6073	P-1101	3.94

FRESHMAN  
Q15, Q16, 3Q15, 3Q16  
QD16-S  
31-S, 32-S, 41

K6074	P-910	3.38
K6075	P-919	3.38
K6062	P-893	3.73

41-Series 40, 47-Series 40  
51-Series 50  
51A-Series 50A  
51B-Series 50B  
51C-Series 50C

K6076	P-713	3.47
K6077	P-1487	2.82
K6078	P-1483	2.94
K6079	P-1474	3.29

GENERAL ELECTRIC  
H-31, H-51, H-71  
J-70, J-75  
J-80, J-85, S-132  
K-62

K6080	P-1481	2.85
K6081	P-1482	2.97
K6082	P-1493	2.38
K6083	P-927	3.88

S-22, S-22X, S-42  
S-22A  
T-12  
T-41

RADIO MODEL.	Stock No.	Stancor Type	Your Price
<b>GENERAL MOTORS</b> 110, 180, 190 (Little General MA Chassis) 211 (S-9-A Chassis) 220 (S-10-A Chassis) 252, 253, 254, 255, 256, 257, 258 (S-3-A Chassis)	K6086	P-1485	\$2.23
	K6087	P-1271	2.53
	K6088	P-1506	2.29
	K6089	P-1492	3.12
<b>GRAYBAR</b> 310, 311 340 500, 550 600 GB-4 GB-8 GB-8-A GB-9 GB-678 GB-700, GB-770, GB-900 GB-389, GC-14, GT-8 GC-13, GT-7	K6044	P-701	3.18
	K6045	P-715	3.20
	K6091	P-714	3.50
	K6092	P-883	3.82
	K6082	P-1493	2.38
	K6080	P-1481	2.85
	K6081	P-1482	2.97
	K6079	P-1474	3.29
	K6083	P-927	3.88
	K6076	P-713	3.47
	K6078	P-1483	2.94
	K6077	P-1487	2.82

**GREBE**

AC-7 (Synchrophase)  
HS-4 (1P 455)  
HS-4 (Pentode)  
HS-8

K6093	P-1475	3.18
K6094	P-1476	2.97
K6095	P-1477	2.94
K6096	P-1489	2.88

GULBRANSON  
60-Series 60, 63-Series 60  
200 (9 in line series)  
291, 292, 295, 9950

K6005	P-1404	2.65
K6000	P-1478	4.38

KELLOGG  
523, 533, 534, 535, 536

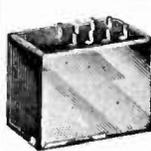
**EXACT  
DUPLICATE**

# STANCOR

REPLACEMENTS

**POWER  
TRANSFORMERS**

**Majestic Models, 71, 72, (70 Chassis)  
Plate Transformer**



Stancor Type No. P-790.  
List, \$4.90  
**K6108— \$2.88**

**Filament Transformer**  
Models 71, 72 (70 Chassis)  
Stancor Type No. P-798.  
List, \$4.65  
**K6109— \$2.73**

**Majestic Models  
91, 92 (90 Chassis)  
Power Transformer**

Stancor Type No. P-757.  
List Price, \$6.90

**K6112—  
YOUR PRICE \$4.06**



RADIO MODEL	Stock No.	Stancor Type	Your Price
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**NATIONAL CARBON CO. (See Eveready)**

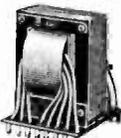
NAVIGATOR	Stock No.	Stancor Type	Your Price
41 (Series 40) 47 (Series 40)	K6034	P-1000	\$2.15
51 (Series 50)	K6035	P-453	2.41
51A (Series 50-A)	K6036	P-507	2.06
51B (Series 50-B)	K6037	P-1260	1.88
51C (Series 50-C)	K6038	P-557	2.70
71 (Series 70)			

OZARKA	Stock No.	Stancor Type	Your Price
90	K6127	P-220	3.67
93-A	K6038	P-557	2.70
Viking 91	K6128	P-1484	3.41

**Ozarka Model 90**

Stancor Type No. P-220  
List Price, \$6.25

**K6127—  
YOUR PRICE \$3.67**



**PEERLESS (See United Corp.)**

PHILCO	Stock No.	Stancor Type	Your Price
14, 91 (Code 221-3)	K6129	P-1572	\$3.82
16, 17 (Code 122)	K6130	P-1571	3.59
16, 17 (Code 123)	K6131	P-1573	3.59
18, 18 (Code 124)	K6132	P-1568	3.59
20, 220 (Chassis 20)	K6133	P-762	3.41

21	K6134	P-1575	3.82
50, 51, 52, 551	K6135	P-1460	2.47
65 (Chassis 65)	K6136	P-711	3.20
70, 270, 370, 470, 570	K6137	P-1119	3.12
71 (Twin Speaker)	K6138	P-1574	3.12

76, 77	K6139	P-785	3.56
86 (Chassis 86)	K6140	P-786	3.12
87 (Chassis 87)	K6141	P-763	3.53
90, 490 (Chassis 90, 1-47)	K6142	P-1468	3.88
90, 490 (Chassis 90, 2-47)	K6143	P-1497	3.95

90, (Chassis 90, 2-45)	K6144	P-1469	3.97
91 (Chassis 91)	K6145	P-1498	4.06
95, 96, 296	K6146	P-787	3.82
111, 211 (Chassis 111), 112, 212 (2-45)	K6147	P-788	4.26

112, 212 (2-47)	K6148	P-882	3.88
200, 201	K6149	P-1576	3.97
511 (511 Chassis)	K6150	P-784	3.35



**Philco Model 65**

Stancor Type No. P-711.  
List Price, \$5.45

**K6136—  
YOUR PRICE \$3.20**

**Philco Models 20, 220**

Stancor Type No. P-762.  
List Price, \$5.80

**K6133—  
YOUR PRICE \$3.41**

RCA—RADIOLA—VICTOR	Stock No.	Stancor Type	Your Price
AP-736, AZ-774B, 10-69			
10-51 (above Ser. No. 800)			
10-70 (above Ser. No. 2600)			
12-15 (above Ser. No. 2600)	K6157	P-1473	\$5.53
AP-736B, 9-16X	K6158	P-1430	5.50

AP-777C, R-64, R-67, 9-18X, 9-54	K6159	P-827	10.58
E-35, F-135, E-152, R-32, R-52, RE-45, RE-75, RE-154, RE-156	K6160	P-717	4.00
R-4, R-6	K6077	P-1487	2.82

R-5, R-5X R-7, R-9 R-7A	K6082	P-1493	2.88
R-12, RE-10, RO-23, R-8, R-10	K6080	P-1481	2.87
R-1, R-21, RA-F-26, RE-18, RE-18A	K6078	P-1482	2.95
	K6078	P-1483	2.94
	K6079	P-1474	3.29

RADIO MODEL	Stock No.	Stancor Type	Your Price
R-14, R-15, R-42, R-48 RE-17	K6083	P-927	\$3.88
R-17, R-18AC, R-33AC, R-51AC, RAD-50, 7-11, 7-25, 7-26X	K6044	P-791	3.18
R-34, R-35, R-39, RE-57, RE-73	K6161	P-718	3.73
R-44, R-46, R-47	K6091	P-714	3.50
R-60, R-62	K6045	P-715	3.20
R-66	K6092	P-883	3.82
R-80, R-82, R-86	K6076	P-713	3.47



**RCA Victor Radiola  
Models R 80, R 82, R 86**

**Graybar GB 700,  
GB 770, GB 900**

**Westinghouse WR5,  
WR6, WR6R, WR7**

Stancor Type No. P-713.  
List Price, \$5.90  
**K6076—YOUR PRICE \$3.47**

**RCA Victor R 44, R 46AC, R 47  
Graybar 500, 550**

Stancor Type No. P-714.  
List Price, \$5.95  
**K6091—YOUR PRICE \$3.50**

**RCA Victor R 60, R 62,  
Brunswick 3 NC 8, 5 NC 8**

Stancor Type No. P-715.  
**K6045—YOUR PRICE \$3.20**

**RCA Victor R 17, R 18 AC,  
R 33 AC, R 51 AC,  
RAD 50, 7-11, 7-25, 7-26X  
Brunswick**

**5 KR, 2 KRO, 3 KRO,  
5 KRO, 3 KR6, 5 KR6  
Graybar 310, 311.**

Stancor Type No. P-791.  
**K6044—  
YOUR PRICE \$3.18**

**RCA Victor Radiola Models  
E-35, E-135, E-152, R-32, R-52,  
RE-45, RE-75, RE-154, RE-156**

Stancor Type No. P-717. List, \$6.80  
**K6160—YOUR PRICE \$4.00**

SENTINEL RADIO CORP.	Stock No.	Stancor Type	Your Price
108, 108A, 108B, 110	K6166	P-420	\$2.68
111, 112, 114, 115, 116 (Chassis 104)	K6167	P-1258	4.00
	K6167	P-1253	4.00

SILVER MARSHALL D, B, J D, E, F Q DeLux below No. 40,000	Stock No.	Stancor Type	Your Price
	K6170	P-1496	2.94
	K6171	P-1439	3.70
	K6172	P-1467	4.00

V 728 Short-Wave	K6172	P-1467	4.00
Q Short-Wave R	K6173	P-1491	3.59
Sheridan 750	K6174	P-1272	2.91
726 Short-Wave	K6175	P-1490	3.65

SONORA	Stock No.	Stancor Type	Your Price
A-30, A-32, A-40	K6176	P-1380	3.67
2RP-25, 3-R, 4-R	K6176	P-1380	3.67
A-31, A-33, A-35	K6177	P-1462	3.62

SPARTON	Stock No.	Stancor Type	Your Price
AC-7, 62, 63	K6178	P-1373	2.47
9-A, 410, 420, 600A	K6179	P-1196	3.76
610-A, 620-A	K6179	P-1196	3.76
25, 26, 26AW, 30, 30A	K6180	P-1204	3.88
30B, 45	K6180	P-1204	3.88
35, 101, 110, 111, 111A	K6181	P-1412	4.44

870	K6181	P-1412	4.44
80-A	K6182	P-921	3.11
99, 109	K6183	P-1411	4.27
103, 301, 301A, 564	K6184	P-1372	4.79
570, 574, 578, 740, 750	K6184	P-1372	4.79
589	K6185	P-909	3.84
591, 593, 931	K6185	P-804	3.79
55-55 (Police Set)	K6187	P-1560	3.76

**Sparton Models 591, 593, 931**

**Power Transformer**

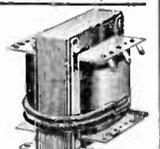
Stancor Type No. P-864.  
List Price, \$6.45  
**K6186—  
YOUR PRICE \$3.79**



RADIO MODEL	Stock No.	Stancor Type	Your Price
<b>SPLITDORF M-5 (Plate)</b>	K6063	P-961	\$3.18
<b>STEWART-WARNER</b> 801, 801-A, 802 (Series A) 801, 801-A, 802 (Series B)	K6191	P-1108	3.53
901, 902, 903 (Series 900)	K6192	P-1470	2.88
951, 952, 953 (Series 950)	K6192	P-1470	2.88
R-100-A, (Series R-100)	K6192	P-1470	2.88

**Stewart-Warner  
901, 902, 903, (Series 900)  
951, 952, 953, (Series 950)  
R-100 A (Series R-100)**

Stancor Type No. P-1470.  
List Price, \$4.90  
**K6192—  
YOUR PRICE \$2.88**



STROMBERG-CARLSON	Stock No.	Stancor Type	Your Price
10, 11	K6195	P-1209	3.88
641, 642, 652, 654	K6196	P-834	3.76
846, 848	K6197	P-1053	3.97

TEMPLE	Stock No.	Stancor Type	Your Price
8-60, 8-61, 8-80	K6198	P-219	3.09
8-81, 8-90, 8-91	K6047	P-1925	2.50
AC-80			

**TRANSFORMER CORP.  
OF AMERICA (See Clarion)**

TRAV-LER	Stock No.	Stancor Type	Your Price
A	K6200	P-149	2.06
B	K6201	P-130	3.06
C	K6202	P-187	2.94

TRUE-TONE	Stock No.	Stancor Type	Your Price
60	K6005	P-1401	2.65

**UNITED AIR CLEANER  
CORP. (See Sentinel Radio  
Corp.)**

UNITED REPRODUCERS CORP.	Stock No.	Stancor Type	Your Price
70, 71, 72 (Series K-70)	K6203	P-1434	3.20

**U. S. RADIO &  
TELEVISION CORP.**

7	K6010	P-1461	3.09
8, (Series 8-A)	K6007	P-1479	3.18
8, (Series 8-B)	K6007	P-1479	3.18
8, 19 (900 Chassis)	K6011	P-1485	3.56
9, 19 (902 Chassis)	K6011	P-1485	3.56
10, 10-C (1000 Chassis)	K6008	P-1016	3.38

10-C (1001 Chassis)	K6008	P-1016	3.56
20 (Cloriette-20 Chassis)	K6002	P-1070	2.53
26 (Cloriette-26 Chassis)	K6004	P-1403	2.29
26-P (Cloriette-26-P Chas.)	K6003	P-1358	2.29
32 Series (32 Chassis)	K6006	P-1391	2.97
36, 37 (Apex)	K6204	P-340	4.94

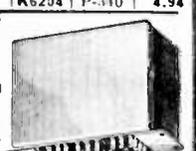
**Apex Models 36, 37**

Fits Monroe and  
Marvelo Model 6-7.

Stancor Type No. P-340

List, \$8.40

**K6204—  
YOUR PRICE \$4.94**



**VICTOR (See R. C. A.,  
RADIOLA, VICTOR)**

**VIKING (See OZARKA)**

WELLS-GARDNER C-C	Stock No.	Stancor Type	Your Price
60, 63	K6000	P-1478	4.38
	K6005	P-1404	2.65

**WESTINGHOUSE**

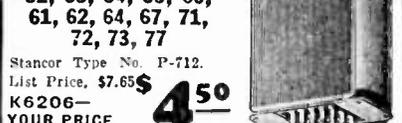
WR-4	K6083	P-927	3.88
WR-5, WR-6, WR-6R, WR-7	K6076	P-713	3.47
WR-7R, WR-8, WR-8R	K6076	P-713	3.47

WR-10, WR-12	K6080	P-1481	2.85
WR-10-A	K6081	P-1482	2.97
WR-14	K6082	P-1493	2.88
WR-15	K6079	P-1474	3.29

**ZENITH**

10, 11, 12 (Super Zenith)  
52, 53, 54, 55, 60, 61, 62,  
64, 67, 71, 72, 73, 77

Stancor Type No. P-712.  
List Price, \$7.65  
**K6206—  
YOUR PRICE \$4.50**



**Exact Duplicate Audios and Chokes**

# STANCOR

**Universal Replacement Outputs and Audios**



**Exact Duplicate AUDIOS**

**Replacements for All Popular Sets**  
 Made exactly like the original transformers. Mounting holes, dimensions, lugs, voltages and color of leads exactly duplicate the originals. In many instances the insulation and the safety factor have been increased wherever the originals were not entirely satisfactory. Many additional replacements have been added to our listing.



**Output Transformers**



Guaranteed finest quality. Coils are carefully wound and highly insulated. Laminations accurately made of the silicon steel. Unshielded type. Cadmium plated. Designed to withstand hard continuous usage. (For Class "A" Amplification.)

RADIO MODEL	Stock No.	Part	Your Price
<b>AIRLINE</b> —62-010, 62-020	K6260	P.P. Inp.	51.82
<b>BRUNSWICK</b> 14, 21, 31, 8-14, 8-21 8-31, 8-81, 8-82 15-B, 15-DC, 22-DC 32-DC, 42-DC	K6261 K6262 K6262 K6262	P.P. Inp. P.P. Inp. P.P. Inp. P.P. Inp.	2.44 2.44 3.00 3.00
<b>CLARION</b> —AC-40 AC-60 AC-61, 25-61	K6263 K6260 K6264	Output P.P. Inp. P.P. Inp.	.85 1.82 1.59
AC-250, 25-280 60, 25-60, 61, 25-61, 70	K6265 K6266	P.P. Out. Output	1.26 1.06
160, 25-160, 280, 25-280, 80-85, 220, 220-25, 210, 25-240	K6267	Input	1.47
300, 25-300, 460, 25-460	K6268	Driver	1.68
420, 422, 423, 425, 440, 441, 450, 451, AC-DC	K6269	Output	1.03
480, 25-480	K6270	Input	1.47
<b>ERLA</b> —224, 224B	K6271	Output	.82
<b>GENERAL ELECTRIC</b> H-31, H-51, H-71	K6272	Inp.-Out. Assembly	2.70
<b>GRAYBAR</b> —GB-700, GB-770, GB-900	K6272	Inp.-Out. Assembly	2.70
<b>MAJESTIC</b> —(Part #1551), 90, 91, 93 102, 103 (Part #638) 71, 72	K6273 K6273 K6274	Inp. Aud. Inp. Aud. 1st. Aud.	3.20 3.20 3.03
(Part #663) 71, 72, 181 (Comb.) 91, 92, 101 (Combination) (Part #3055) 51, 52	K6275 K6276	P.P. Inp. P.P. Inp.	3.20 3.20
(Part #565) 91, 92, 101, (Combination)	K6277	P.P. Inp.	3.20
(Part #1883) 130, 131, 132, 233, (Comb.) (Part #3767) 61, 62	K6278 K6279	P.P. Inp. P.P. Inp.	2.94 2.73

RADIO MODEL	Stock No.	Part	Your Price
<b>PHILCO</b> —3 (Translone) 30, 82, 86, 83, 87	K6280	Input	51.47
3 (Translone) 70, 70-A, 270, 270-A, 370, 370-A, 470, 470-A, 90, 90-A, 490, 490-A, (90, 1-247)	K6281	Output	1.26
20, 20-A, 21, 220, 220-A	K6282	P.P. Inp.	1.29
20, 20-A, 21, 220, 220-A, 40, 41, 42, 46, 346, 62, 65, 73, 76, 77, 77-A, 82, 86, 83, 87, 90, 90-A, (90, 2-245) 92, 95, 96, 96-A, 296, 296-A, 111, 111-A, 211, 211-A, 112, 112-A, 212, 212-A, (112, 2- 245) 5	K6283	P.P. Out.	1.26
30, 40, 41, 42, 73, 76, 77, 77-A, 82, 86, 83, 87	K6284	P.P. Inp.	1.47
62, 65, 92, 95, 96, 96-A, 296, 296-A, 111, 111-A, 211, 211-A, 112, 112-A, 212, 212-A, (112, 2- 245) 5	K6285 K6286	P.P. Inp. Input	2.06 1.44
<b>RCA—RADIOLA—</b> <b>VICTOR</b> R-34, R-35, R-30, R-80, R-82, R-86, RA16-68 R16-57	K6272	Inp.-Out. Assembly	2.70
<b>SPARTAN</b> 8-A, 410, 410-DC, 420, 420-DC, 600-A, 610-A, 620-A 39, 49, 69, 79, 79-A	K6288 K6289	P.P. Inp. Audio	2.44 1.29
55, 103, 111-A, 235, 301, 301-A, 564, 570, 574, 578, 591, 593, 740, 750, 870, 931-A	K6290	P.P. Out.	.94
301-DC, 591, 593, 931-A, 931-DC (Part #A-3730) 930	K6291 K6292	P.P. Inp. Output	1.35 1.94

For Single Tubes	For Tubes in P-P
Core Size $\frac{3}{4} \times \frac{3}{4}$ ". Dimensions: Height 2", Depth 1 1/2", Length overall 2 3/8". Hole Centers 2". Tubes: 71A, 45, 43, 59 K6344—Stancor A-2203 List. \$1.10.	Tubes: 71A, 45, 43, 59 K6348—Stancor A-2220 List. \$1.20.
<b>YOUR PRICE ..... 65¢</b>	<b>YOUR PRICE ..... 71¢</b>

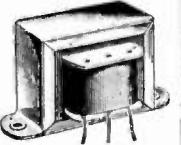
For Single Tubes	For Tubes in P-P
Core Size $\frac{3}{4} \times \frac{3}{4}$ ". Dimensions: Height 2", Depth 1 1/2", Length overall 3 1/2". Hole Centers 2 1/8". Tubes: 71A, 45, 43, 59 K6345—Stancor A-2200. Tubes: 12A, 10, 31, 41 K6346—Stancor A-2231. Tubes: 33, 47, 2A5, 49, 46, 42 K6347—Stancor A-2313. Tubes: 38, 89	Tubes: 71A, 45, 43, 59 K6349—Stancor A-2201. Tubes: 12A, 10, 31, 41 K6350—Stancor A-2231. Tubes: 33, 47, 2A5, 49, 46, 42 K6351—Stancor A-2312. Tubes: 38, 89
<b>YOUR PRICE, Each .. 82¢</b>	<b>YOUR PRICE, Each .... 88¢</b>

**Stancor Magnetic Speaker Chokes**  
 For using magnetic speakers with the following tubes: 12A, 71A, 47, 31, 33, 38, 41, 42, 43, 59. Core  $\frac{3}{4} \times \frac{3}{4}$ ". Mtg. centers 2 1/8".

K6355—For Single Tubes. Code—C-1003.	K6354—For Push-Pull Tubes. Code—C-1033. List. \$1.00.
<b>YOUR PRICE .. 74¢</b>	<b>YOUR PRICE ..... 59¢</b>

**STANCOR Audio Transformers**

For single and pushpull stages. Unmounted. Cadmium plated frames and bottom plates. To feed from any type or combination of input tubes to any type or combination of output tubes. Match any input or output impedance.



**Midget Size**  
 2" H, 1 1/2" W, 3 1/8" L. Mtg. Ctrs., 2". Core  $\frac{3}{4} \times \frac{3}{4}$ ".

Radolek Stock No.	Stancor Type No.	Ratio	Your Price
K6369	A-64	Straight 4:1	\$ .82
K6370	A-61-C	P.P. Input 4:1	.88

**Regular Size**  
 2" H, 1 1/2" W, 3 1/8" L. Mtg. Ctrs., 2 1/8". Core  $\frac{3}{4} \times \frac{3}{4}$ ".

K6371	A-72	Straight 2:1	1.00
K6372	A-72-C	P.P. Input 2:1	1.06
K6373	A-73	Straight 3:1	1.00
K6374	A-73-C	P.P. Input 3:1	1.06
K6375	A-74	Straight 4:1	1.00
K6376	A-74-C	P.P. Input 4:1	1.06

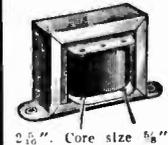
**Medium Size**  
 2" H, 2 1/2" W, 3 3/8" L. Mtg. Ctrs., 2 1/8". Core  $\frac{3}{4} \times \frac{3}{4}$ ".

K6377	A-74-Y	Straight 4:1	1.18
K6378	A-74-YC	P.P. Input 4:1	1.23

**Large Size**  
 2 1/2" H, 1 7/8" W, 3 1/8" L. Mtg. Ctrs., 3/8". Core  $\frac{7}{8} \times \frac{7}{8}$ ".

K6379	A-83-C	P.P. Input 3:1	1.41
K6380	A-84-C	P.P. Input 4:1	1.41

**Stancor AC, DC Chokes**

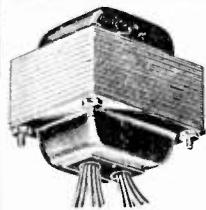


High quality chokes for replacements in AC, DC receivers. A size for practically every requirement. Cadmium plated channel frame mountings—6" insulated leads. Overall dimensions: 1 1/2" x 2 1/8" x 1 1/8" high. Mounting centers 2 1/2". Core size  $\frac{5}{8} \times \frac{5}{8}$ ".

15 Henries at 40 MA.

Stock Number	D.C. Resistance	Stancor Number	List Price	YOUR PRICE
K6358	200	C-1080	\$1.00	<b>59¢</b> Each
K6359	250	C-1255	1.00	
K6360	300	C-1277	1.00	
K6361	350	C-1227	1.00	
K6362	400	C-1279	1.00	
K6363	450	C-1333	1.00	
K6364	500	C-1215	1.00	
K6365	550	C-1362	1.00	

**Universal Replacement Transformers Shielded Flush Mounting Type**



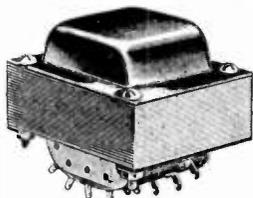
High quality transformers. Designed and built with ample safety factor to withstand high peak-current demands. Finest materials are used. Core is of high permeability silicon steel. Perfect sealing through high compression wax process assures continuous trouble-free operation in any climate. Black enameled half-shell shields on both sides. 8" Insulated leads Approved by Underwriters. Wiring diagram included.

**All Primaries for 105-120 Volt 50-60 Cycle AC**  
**For 6.3 Volt Tubes**

4 or 5 Tubes		5 or 6 Tubes		6 or 7 Tubes		7 to 10 Tubes	
Plate	650 Volts C.T.	40 MA.	50 MA.	700 Volts C.T.	50 MA.	700 Volts C.T.	120 MA.
Fl. 1	5 Volts	2 Amps.	5 Volts	2 Amps.	5 Volts	3 Amps.	5 Volts
Fl. 2	6.3 Volts C.T.	2 Amps.	6.3 Volts C.T.	2 Amps.	6.3 Volts C.T.	3 Amps.	6.3 Volts C.T.
Mtg. Area	2 1/2" x 3"		2 1/2" x 3 3/8"		2 1/2" x 3 3/8"		3 1/4" x 4 1/2"
Mtg. Centers	2" x 2 1/2"		2 1/2" x 3 1/8"		2 1/2" x 3 1/8"		2 3/4" x 3 1/2"
<b>K6300—YOUR PRICE .....</b>	<b>\$1.14</b>	<b>K6301—YOUR PRICE .....</b>	<b>\$1.58</b>	<b>K6302—YOUR PRICE .....</b>	<b>\$1.80</b>	<b>K6303—YOUR PRICE .....</b>	<b>\$1.85</b>

For 2.5 Volt Tubes		5 or 6 Tubes		6 or 7 Tubes		8 or 9 Tubes		10 to 12 Tubes	
Plate	650 Volts C.T.	40 MA.	700 Volts C.T.	50 MA.	700 Volts C.T.	70 MA.	700 Volts C.T.	110 MA.	700 Volts C.T.
Fl. 1	5 Volts	2 Amps.	5 Volts	2 Amps.	5 Volts	3 Amps.	5 Volts	3 Amps.	5 Volts
Fl. 2	2.5 Volts C.T.	4.5 Amps.	2 1/2 Volts C.T.	1 1/2 Amps.	2 1/2 Volts C.T.	3 1/2 Amps.	2 1/2 Volts C.T.	3 1/2 Amps.	2 1/2 Volts C.T.
Mtg. Area	2 1/2" x 3"		2 1/2" x 3 3/8"		2 1/2" x 3 3/8"		2 1/2" x 3 3/8"		3 1/4" x 4 1/2"
Mtg. Centers	2" x 2 1/2"		2 1/2" x 3 1/8"		2 1/2" x 3 1/8"		2 1/2" x 3 1/8"		2 3/4" x 3 1/2"
<b>K6304—YOUR PRICE .....</b>	<b>\$1.14</b>	<b>K6305—YOUR PRICE .....</b>	<b>\$1.58</b>	<b>K6306—YOUR PRICE .....</b>	<b>\$1.88</b>	<b>K6307—YOUR PRICE .....</b>	<b>\$1.98</b>	<b>K6308—YOUR PRICE .....</b>	<b>\$2.25</b>

# Special Value Power Transformers



High quality power transformers. Skillful engineering and careful construction. Only the finest materials are used throughout. Conservatively rated for long-lived efficient service. Precision machine wound coils; high-vacuum impregnation; heavy, oversized carefully stacked laminations. Black enameled rust proof finish.

All primaries are for 105 - 115 Volt, 50-60 cycle A. C.

## For 6.3 VOLT TUBES

<b>4 Tubes</b>	650 Volts, C.T.	40 MA
Plate	5 Volts	2 Amps.
Fil. 1	6.3 Volts	1.6 Amp.
Fil. 2	2 1/2 "X3"	
Mtg. Area	2 "X2 1/2"	
Mtg. Centers		
K6410—YOUR PRICE		<b>\$1.19</b>

## 4 Tubes—C.T. Filament

Plate	650 Volts, C.T.	40 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	6.3 Volts, C.T.	1.6 Amp.
Mtg. Area	2 1/2 "X3"	
Mtg. Centers	2 "X2 1/2"	
K6411—YOUR PRICE		<b>98¢</b>

## 5 Tubes

Plate	650 Volts, C.T.	40 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	6.3 Volts	2 Amps.
Mtg. Area	2 1/2 "X3"	
Mtg. Centers	2 "X2 1/2"	
K6412—YOUR PRICE		<b>86¢</b>

## 5 Tubes—C.T. Filament

Plate	650 Volts, C.T.	40 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	6.3 Volts, C.T.	2 Amps.
Mtg. Area	2 1/2 "X3"	
Mtg. Centers	2 "X2 1/2"	
K6413—YOUR PRICE		<b>\$1.04</b>

## 5 or 6 Tubes

Plate	700 Volts, C.T.	50 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	6.3 Volts, C.T.	2 Amps.
Mtg. Area	2 1/2 "X3 1/2"	
Mtg. Centers	2 "X2 1/2"	
K6414—YOUR PRICE		<b>\$1.43</b>

## 6 or 7 Tubes

Plate	675 Volts, C.T.	70 MA
Fil. 1	5 Volts	3 Amps.
Fil. 2	6.3 Volts, C.T.	2 1/2 Amps.
Mtg. Area	3 1/4 "X3 1/2"	
Mtg. Centers	2 1/2 "X3 1/2"	
K6415—YOUR PRICE		<b>\$1.64</b>

## 7 to 10 Tubes

Plate	700 Volts, C.T.	120 MA
Fil. 1	5 Volts	3 Amps.
Fil. 2	6.3 Volts, C.T.	3 Amps.
Mtg. Area	3 1/4 "X4 1/2"	
Mtg. Centers	2 3/4 "X3 1/2"	
K6416—YOUR PRICE		<b>\$1.77</b>

## For 2.5 VOLT TUBES

<b>4 Tubes</b>	650 Volts, C.T.	40 MA
Plate	5 Volts	2 Amps.
Fil. 1	2 1/2 Volts	3 1/2 Amps.
Fil. 2	2 1/2 "X3"	
Mtg. Area	2 "X2 1/2"	
Mtg. Centers		
K6417—YOUR PRICE		<b>81¢</b>

## 4 Tubes—C.T. Filament

Plate	650 Volts, C.T.	40 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	2 1/2 Volts, C.T.	3 1/2 Amps.
Mtg. Area	2 1/2 "X3"	
Mtg. Centers	2 "X2 1/2"	
K6418—YOUR PRICE		<b>98¢</b>

## 5 Tubes

Plate	650 Volts, C.T.	40 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	2.5 Volts	4.5 Amps.
Mtg. Area	2 1/2 "X3"	
Mtg. Centers	2 "X2 1/2"	
K6419—YOUR PRICE		<b>86¢</b>

## 5 Tubes—C.T. Filament

Plate	650 Volts, C.T.	40 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	2.5 Volts, C.T.	4.5 Amps.
Mtg. Area	2 1/2 "X3"	
Mtg. Centers	2 "X2 1/2"	
K6420—YOUR PRICE		<b>\$1.04</b>

## 5 or 6 Tubes

Plate	700 Volts, C.T.	50 MA
Fil. 1	5 Volts	2 Amps.
Fil. 2	2 1/2 Volts, C.T.	1 1/2 Amps.
Fil. 3	2 1/2 Volts	5 1/2 Amps.
Mtg. Area	2 1/2 "X3 1/2"	
Mtg. Centers	2 "X2 1/2"	
K6421—YOUR PRICE		<b>\$1.43</b>

## 6 or 7 Tubes

Plate	700 Volts, C.T.	70 MA
Fil. 1	5 Volts	3 Amps.
Fil. 2	2 1/2 Volts, C.T.	3 1/2 Amps.
Fil. 3	2 1/2 Volts	7 1/2 Amps.
Mtg. Area	3 1/4 "X3 1/2"	
Mtg. Centers	2 1/2 "X3 1/2"	
K6422—YOUR PRICE		<b>\$1.71</b>

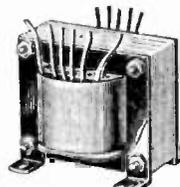
## 8 or 9 Tubes

Plate	700 Volts, C.T.	90 MA
Fil. 1	5 Volts	3 Amps.
Fil. 2	2 1/2 Volts, C.T.	3 1/2 Amps.
Fil. 3	2 1/2 Volts	9 Amps.
Mtg. Area	3 1/4 "X4 1/2"	
Mtg. Centers	2 1/2 "X3 1/2"	
K6423—YOUR PRICE		<b>\$1.83</b>

## 10 to 12 Tubes

Plate	700 Volts, C.T.	110 MA
Fil. 1	5 Volts	3 Amps.
Fil. 2	2 1/2 Volts, C.T.	3 1/2 Am. s.
Fil. 3	2 1/2 Volts	14 Amps.
Mtg. Area	3 1/4 "X4 1/2"	
Mtg. Centers	3 "X3 1/2"	
K6424—YOUR PRICE		<b>\$2.04</b>

**Tube Tester Filament Transformer**  
1 1/2, 2, 2 1/2, 3.3, 5, 6.3, 7 1/2, 15, 25, 30 volts; at 2 amps.



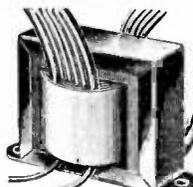
For construction of tube testers or replacement in standard testers. Supplies the correct voltages for all types of tubes including the oldest types and all those just recently announced. Flexible 8" leads are color coded and a diagram is included which gives all the connections. Dimensions: 2 3/4" high, 3" wide, 2 3/4" deep. Mounting hole centers 3/4" x 1 1/2". Pri. 115 V. 50/60 cycles.

K6728—YOUR PRICE ... **\$1.19**

## Tube Tester Plate and Filament Transformer

K6729—List. \$3.50. YOUR PRICE ... **\$1.86**

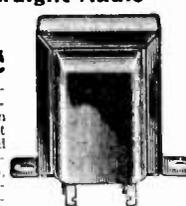
In addition to the conventional filament voltages, this transformer has a plate winding, the voltage of which may be impressed directly on the plate of the tube under test. If a D.C. voltage is desired on the tube under test, an 84 type tube may be used as a half-wave rectifier. All leads are color coded and a diagram of connections is included. Primary 115 volts, 50-60 cycles. Filament secondaries: 1.5, 2.0, 2.5, 3.3, 5.0, 6.3, 7.5, 15, 25 or 30 volts at 2 amperes. Plate secondary 250 volts AC, at 40 MA. Dimensions: 2 1/2" high, 4 1/2" wide, 2 1/4" deep. Mounting Centers 3 1/2".



## Interstage Straight Audio Transformer

K6853—List. \$2.00. YOUR PRICE ... **59¢**

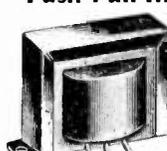
Intended for use in replacing standard Manufacturer's type Audios in hundreds of Sets. Exact replacement for first and some second stage positions in Monroe, Marvel, Knight, Kennedy, Bush-Lane, and others. High-grade silicon steel core. Black japanned case. Sub-panel plug connections. Safe plate current carrying capacity, 10 MA. A special application of this transformer is for use as a phono-input Transformer when used with a high Impedance Pickup. Ratio 1:3 Size 2" x 2 1/2" x 2 1/2" high. Mtg. hole centers 3 1/2".



## Push-Pull Input Transformer

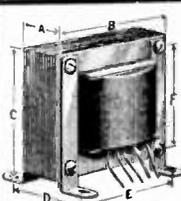
K6736—YOUR PRICE ... **52¢**

High quality transformer carefully constructed. Fully impregnated for protection against moisture. For use as replacement in all Class "A" circuits. Ratio of overall winding is 1 to 3. May be used as straight audio by disregarding secondary center tap. Core area 1 1/2" square. Semi-shielded. Black enamel, led channel frame. 6" insulated leads. Size: 2" high, 3 1/2" long, and 1 1/2" deep. Mounting centers 2 1/2".

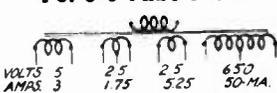


## Universal Replacement Transformers Unshielded Type

First quality, correctly engineered transformers. Especially designed for replacement in older model receivers. Used extensively for replacement where original transformer was enclosed in pitch filled metal container. Supplied with 12" long insulated leads. Brackets have slotted mounting holes. Diagrams below give exact voltage and current ratings. Wiring diagram is included with every transformer. All Primaries Are for 105-120 Volt, 50-60 Cycle AC Operation

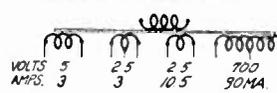


### For 5-6 Tube Sets



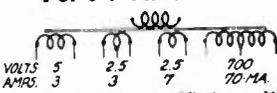
Size 3 1/2" wide, 2 1/2" high, 3" deep. Mounting centers 3 1/2" x 2 1/2".  
K6730—YOUR PRICE ... **\$1.37**

### For 8-9 Tube Sets



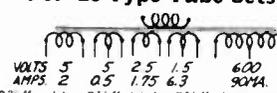
Size 4 1/2" wide, 3 1/2" high, 3" deep. Mounting centers 3 1/2" x 2 1/2".  
K6732—YOUR PRICE ... **\$1.89**

### For 6-7 Tube Sets



Size 3 1/2" wide, 3 1/2" high, 3" deep. Mounting centers 3 1/2" x 2 1/2".  
K6731—YOUR PRICE ... **\$1.45**

### For '26 Type Tube Sets



Size 3 1/2" wide, 3 1/4" high, 3 1/2" deep. Mounting centers 3 1/2" x 2 1/2".  
K6733—YOUR PRICE ... **\$1.80**

### Compact P. P. Input

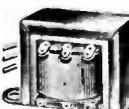
For replacement use in compact sets. May be used as straight audio or as P.I. input transformer. Overall ratio 2.5:1. Core area 1 1/2" x 1 1/2". Semi-shielded with cadmium plated channel frame. 6" insulated leads. Size: 1 1/2" high, 2 1/2" long, and 1 1/2" deep. Mounting centers 2 1/2".

K6737—YOUR PRICE ... **41¢**

### Universal Output Transformer

K6909—YOUR PRICE ... **42¢**

Equipped with a combination of taps making it possible to feed from any single or push-pull output stage to the voice coil of any dynamic speaker. Matches any voice coil from 1 to 30 ohms. Semi shielded with black enamelled channel frame. Instructions for all tube connections included. Size 1 1/2" high, 1 1/2" deep. 2 1/2" wide. Mounting Centers 2 1/2".



# Thordarson

## Transformers for 6L6 Beam Type Tubes

### Push Pull Audio Driver Transformer



Couples push-pull 6C5 or 76 type tubes to push-pull 6L6 beam type tubes. Ratio 5:1. Primary impedance 70,000 ohms, center tapped. Secondary impedance, 2800 ohms per grid, split secondary winding. Fully shielded. Black enameled finish. Sub-panel lug and lead terminals. Size 2 1/2" x 2 1/2" base, 3" high. Mounting centers 2 1/2".

**K6675—T8150. List Price, \$3.75. YOUR PRICE \$2.20**

### Output Transformer

Couples output of push-pull 6L6 type tubes to speaker or line. Will handle 30 watts of audio output. Primary impedance 5000 ohms plate to plate. Output impedance 16, 8, 15 or 500 ohms. Fully shielded. Black enameled finish. Sub-panel lug and lug terminals. Size 2 1/2" x 3 1/2" base, 3 1/2" high. Mounting centers 3 1/2".



**K6640—T6754. List, \$4.00. YOUR PRICE \$2.34**

### Filter Choke



Designed especially to provide proper voltage regulation and filtering required to obtain maximum efficiency from tubes such as type 6L6. Inductance 10 henries at 150 milliamperes. (30.3 henries at 0 ma.) D.C. resistance 200 ohms. 2000 volt insulation. Fully shielded. Sub-panel leads, 8" long. Durable black enameled finish. Size 3 3/4" x 3 3/4" base, 4 3/4" high.

**K6676—T7429. List, \$4.75. YOUR PRICE \$2.79**

### Power Transformer

Designed especially to handle the tremendous power output of push-pull 6L6, 42, 6F6, etc. Supplies power for any combination of 6.3 volt tubes used in I.F. and I.P. amplifier stages. Secondaries: 745 Volts CT @ 145 MA., 6.3 Volts CT @ 4.5 Amper. 5 Volts @ 3 Amper. Primary for 105-120 volts, 50-60 cycle AC operation. Fully shielded, 8" insulated sub-panel leads. Black enameled finish. Size 3 3/4" x 3 3/4" base, 5" high. Mounting centers 3 1/4" x 3 3/4".

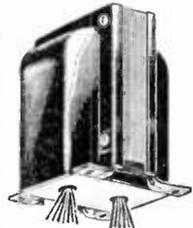


**K6677—T7062. List, \$5.50. YOUR PRICE \$3.27**

# Exact Duplicates for Philcos

## Power Transformers also Suitable for General Replacements

Primaries are for 105-120 Volt, 50-60 Cycle AC.



Identical in every electrical and physical characteristic to the original Philco part number specified. Constructed of highest grade materials. Best workmanship. These transformers are equally well suited for use on any receiver using same tube complement and requiring specifications given. Wide variety of voltage and current ratings cover practically every need for most popular sets.

Model 71 (Twin Spkrs.) Part No. 6457  
Tubes—3-44, 1-36, 1-37, 1-42, 1-80.  
Sec.—740V CT, 6.3V CT, 5V. Input 80 Watts.  
Size 3 1/2" x 4" base, 5 1/4" high.

**K6458—YOUR PRICE \$2.50**

Model & Chassis 76, 77 Part No. 3868  
Tubes—3-24, 1-27, 2-45, 1-80.  
Secondaries—750V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 7A.  
Size 3 1/2" x 4" base, 5 1/4" high.

**K6459—YOUR PRICE \$2.79**

Model & Chassis 86 Part No. 3271  
Tubes—4-26, 1-27, 2-71, 1-80.  
Secondaries—600V CT @ 60MA, 5V @ 2A, 5V CT @ 0.5A, 2.5V CT @ 2A, 1.5V @ 6A.  
Size 3 1/2" x 3 1/2" base, 4 3/4" high.

**K6460—YOUR PRICE \$2.61**

where this type transformer is desired. All transformers are of the type illustrated. Terminal connections are identical to original Philco part.

Models 14, 91 (Code 221-3) Part No. 6804  
Tubes—2-44, 1-36, 3-37, 2-42, 1-80.  
Sec.—700V CT, 5V, 6.3V CT. Input 95 Watts.  
Size 3 1/2" x 4" base, 5 1/4" high.

**K6450—YOUR PRICE \$2.71**

Models 16 & 17 (Code 121) Part No. 32-7080  
Tubes Model 16—2-77, 3-78, 1-76, 1-37, 3-42, 1-80.  
Model 17—3-78, 1-6A7, 2-37, 1-77, 3-42, 1-80.  
Sec.—720V CT, 5V, 6.3V CT. Input 120 Watts.  
Size 3 1/2" x 4" base, 5 1/4" high.

**K6451—YOUR PRICE \$2.71**

Models 16 & 17 (Code 122) Part No. 32-7058  
Tubes Model 16—2-77, 3-78, 1-76, 1-37, 3-42, 1-523.  
Model 17—3-78, 1-6A7, 2-37, 1-77, 3-42, 1-523.  
Sec.—780V CT, 5V, 6.3V CT. Input 130 Watts.  
Size 4" x 4" base, 5 1/4" high.

**K6452—YOUR PRICE \$3.19**

Chassis 20, Models 20, 220 Part No. 4234  
Tubes—3-24, 1-27, 2-71A, 1-80.  
Secondaries—670V CT @ 70 MA, 2.5V CT @ 7.5A 5V CT @ 0.5A, 5V @ 2A.  
Size 3 1/2" x 4" base, 5 1/4" high.

**K6453—YOUR PRICE \$2.73**

Model 21 Part No. 4813  
Tubes—3-24, 1-27, 2-45, 1-80.  
Secondaries—700V CT, 5V, 2.5V CT, 2.5V CT.  
Input 75 Watts.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6454—YOUR PRICE \$2.89**

Chassis & Models 50, 51, 551, 52 Part No. 5266  
Tubes Chassis 50—2-24, 1-35, 1-47, 1-80.  
Chassis 51, 52—2-24, 1-27, 1-45, 1-80.  
Sec.—650V CT @ 60MA, 2.5V CT @ 7A, 5V @ 2A.  
Size 3" x 4" base, 3 3/4" high.

**K6455—YOUR PRICE \$2.07**

Model & Chassis 65 Part No. 3516  
Tubes—2-24, 1-27, 2-45, 1-80.  
Secondaries—750V CT @ 110MA, 2.5V CT @ 3.5A, 2.5V CT @ 15A, 5V @ 2A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6456—YOUR PRICE \$2.53**

Chassis 70, Models 70, 720, 370, 470, 570 Part 5117  
Tubes 4-24, 1-27, 1-47, 1-80.  
Secondaries—580V CT @ 90MA, 2.5V CT @ 2A, 2.5V CT @ 9A, 5V @ 2A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6457—YOUR PRICE \$2.50**

Model & Chassis 76, 77 Part No. 3868

Tubes—3-24, 1-27, 2-45, 1-80.  
Secondaries—750V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 7A.  
Size 3 1/2" x 4" base, 5 1/4" high.

**K6461—YOUR PRICE \$2.43**

Chassis 90 (1-17), Models 90, 490 Part 5362  
Tubes—3-24, 4-27, 1-47, 1-80.  
Secondaries—650V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 11A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6462—YOUR PRICE \$2.80**

Chassis 90 (2-17), Models 90, 490 Part 6072  
Tubes—1-24, 2-35, 3-27, 2-47, 1-80.  
Secondaries—650V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 11A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6463—YOUR PRICE \$2.98**

Chassis 90 (2-15), Model 90 Part No. 4938  
Tubes—4-24, 2-27, 2-45, 1-80.  
Secondaries—700V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 11A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6464—YOUR PRICE \$2.62**

Model & Chassis 91 Part No. 6554  
Tubes—1-36, 3-37, 2-44, 2-42, 1-80.  
Sec.—650V CT @ 90MA, 5V @ 2A, 6.3V CT @ 3A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6465—YOUR PRICE \$2.67**

Chassis 95, 96, Models 95, 96, 296 Part 3752  
Tubes—3-24, 3-27, 2-45, 1-80.  
Secondaries—750V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 14A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6466—YOUR PRICE \$2.91**

Chassis 111, 112 (2-45), Models 111, 112, 212 Part No. 4440  
Tubes—4-24, 4-27, 2-45, 1-80.  
Secondaries—780V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 15A.  
Size 4" x 4" base, 5 1/4" high.

**K6467—YOUR PRICE \$3.19**

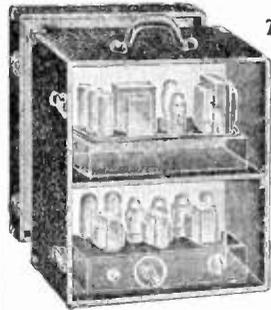
Chassis 112 (2-47) Models 112, 212 Part 5594  
Tubes—4-24, 4-27, 2-45, 1-80.  
Secondaries—680V CT @ 110MA, 5V @ 2A, 2.5V CT @ 3.5A, 2.5V CT @ 15A.  
Size 3 3/4" x 4" base, 5 1/4" high.

**K6468—YOUR PRICE \$3.14**

Model & Chassis 511 Part No. 3073  
Tubes—4-26, 1-27, 1-71, 1-80.  
Secondaries—480V CT @ 50MA, 5V @ 2A, 5V CT @ 0.5A, 2.5V @ 2A, 1.5V @ 6A.  
Size 4 1/2" x 3 3/4" base, 4 3/4" high.

**K6469—YOUR PRICE \$2.19**

### Carrying Case



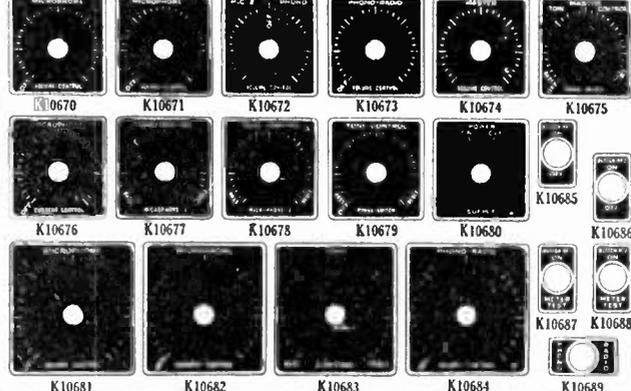
For Thordarson Amplifiers  
**K15828—Your Price \$5.88**

Especially constructed for Thordarson 6 Watt, 18 Watt, and 30 Watt Amplifiers. Case permits mounting power supply apart from amplifier. When using the single unit 6 watt amplifier shelf provides space for accessories or speaker. Constructed of ply-wood covered with durable brown fabricoid. Removable side cover with secure fasteners. Reinforced corners. Overall size: 21 1/2" x 19 1/2" x 10 1/2".

Note: Dual Speaker Case Listed on Page 129.

### Etched Aluminum Indicating Plates

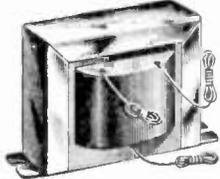
Black Background—Polished Aluminum Raised Markings



Heavy 24 Gauge Price List  
Size: 2 1/2" x 1 1/2". Use with 1/4" long pointer knob. Stock numbers K10670 to K10680 inclusive. List, 30c. Your Price **10c**  
Size: 2 1/2" x 2 1/2". For 2 1/2" long pointer knob. Stock numbers K10681 to K10684 inclusive. List, 35c. Your Price **15c**  
Size: 2 3/4" x 3 3/4". For toggle switches. Stock numbers K10685 to K10689 inclusive. List, 20c. Your Price **8c**

## Heavy Duty Oversize Output Transformer

For Tubes in Push-Pull  
71A, 45, 50, 2A3, 43, 59



K6854—  
YOUR PRICE... **49c**

Will carry 65 ml. plate current. 3000 turn, center tapped primary. 100 turn secondary. Silicon steel core. To determine voice coil impedance to fit this transformer: for push-pull, divide twice the plate impedance of one tube by 2.5; for single tube, using entire primary, divide the plate impedance by 800. See tube chart in this catalog for plate impedance (called A.C. plate resistance). Dimensions: Height 2 1/2", depth 1 1/2". Length overall 3 1/2". Slotted mounting hole centers, from 3 1/4" to 3 5/8".

vide twice the plate impedance of one tube by 2.5; for single tube, using entire primary, divide the plate impedance by 800. See tube chart in this catalog for plate impedance (called A.C. plate resistance). Dimensions: Height 2 1/2", depth 1 1/2". Length overall 3 1/2". Slotted mounting hole centers, from 3 1/4" to 3 5/8".

## Carter Universal Output Transformers

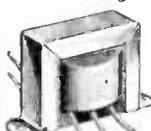
Correctly Matches All Tubes to any Speaker  
K6850—  
YOUR PRICE... **95c**



An essential stock item for every serviceman. Designed with a high impedance primary having a special tapped secondary to permit ratio of turns in winding to match any standard power tube plate impedance not exceeding 14,000 ohms and passing less than 40 milliamperes plate current. (Push-Pull tubes, both drawing less than 40 mls each are satisfactory but parallel power tubes with a total current over 40 mls may not be used with this transformer.) Secondary taps can be selected to match plate impedance to any voice coil having an impedance (practically the same as the D.C. resistance) between 0.11 ohm and 15 ohms. Complete instructions, and table for selecting proper connections for single or push-pull power tubes coupled to any standard dynamic voice coil, included. Do not use with type 50 tube.

## Class "B" Audio Driver Transformer

Single 30 to 19 Grids



Couples a type 30 tube to a push-pull 19 tube in Class B. Used extensively in battery receiver construction. Open type cadmium plated rust-proof frame. 6" color coated insulated leads. 1/2"x1/2" core. Overall dimensions: 1 1/2"x2 1/2"x1 1/2" high. Mounting hole centers, 2 1/2".  
K6908—List Price, \$1.65.  
YOUR PRICE... **59c**

## THORDARSON Class "B" Driver Transformer



Single 30 to 19 Grids  
Couples a type 30 tube to grids of a type 19 tube in Class B. Black enamel open type vertical frame. Suitable for use in highest quality receivers. Dimensions: 1 1/2" x 1 1/2" x 2" high. Mounting hole centers 2 1/2".  
K6630—Code T7846. List, \$1.65.  
YOUR PRICE... **97c**

## THORDARSON Class "B" Output Transformer



For Push-Pull 19, 30 or 49 Class "B" power tubes. Secondary is tapped to match 2, 4 or 8 ohm dynamic speaker voice coils. Open type durable black enameled steel frame. 6" long, 1 1/2" wide, 1 1/2" deep. Mounting hole centers 2 1/2".  
K6658—Code T-8101. List, \$1.65.  
YOUR PRICE... **97c**

## BARGAIN Power Transformer For Philco Model 511 Receiver Part Number 3073



For replacement in Philco 511 or other seven tube radio sets using 4-26, 1-27, 1-71A and 1-80. Primary 105-125 volts, 60 cycles A.C. Secondaries: 375 V. C.T. @ 37 Ma., 1 1/2 V. @ 2.3 amps., 2 1/2 V. @ 1.95 amps., 5 V. @ 2 amps.  
K6852—Part N. 3073.  
List, \$7.00.  
YOUR PRICE... **\$159**

## Pioneer Replacement Audio Transformers



New Deal Values—The lowest priced Audio Transformers of satisfactory quality we have ever offered. New method of winding the primary last with high speed special machine makes this price range possible. We have tested these Units in our own Laboratory against Transformers of much greater cost. Audio range of Pioneer transformers from 75 to 90 cycles according to size to a high range of 3800 cycles, within 4 db.

Midport Size: 1 1/2"x1 1/2"x1 1/2" high.			Medium Size: 1 3/4"x1 3/4"x1 3/4" high.			Standard Size: 1 3/4"x2 1/2"x2 1/2" high.		
Stock No.	Type*	Ratio	Stock No.	Type*	Ratio	Stock No.	Type*	Ratio
K6911	S. A.	1:2	K6915	S. A.	1:2	K6919	S. A.	1:2
K6912	S. A.	1:3	K6916	S. A.	1:3	K6920	S. A.	1:3
K6913	P-P	1:2	K6917	P-P	1:2	K6921	P-P	1:2
K6914	P-P	1:3	K6918	P-P	1:3	K6922	P-P	1:3

(\*) S.A., Straight Audio, P-P, Push-Pull

## 30 Henry Filter Chokes



Layer wound and layer insulated coils. Silicon steel core. Cadmium plated rust-proof frames. 6 inch insulated leads.  
K6385—30 Henries, 50 M. A. D. C. Resistance 400 ohms. Dimensions: Core 3/4"x 3/4". Height 2", Depth 1 1/2". Length overall 3 1/4". Mounting hole centers 3 1/4".  
List Price, \$1.40.  
YOUR PRICE... **59c**

K6386—30 Henries, 75 M. A. D. C. Resistance 200 ohms. Dimensions: Core 1 1/4"x1 1/4". Height 2 1/2". Depth 1 1/2". Length overall 3 1/2". Mounting hole centers 3 1/2".  
List Price, \$1.60.  
YOUR PRICE... **72c**

K6387—30 Henries, 100 M. A. D. C. Resistance 200 ohms. Dimensions: Core 1 1/4"x1 1/4". Height 2 1/2". Depth 2 1/2". Length overall 4". Mounting hole centers 3 1/2".  
List Price, \$2.00.  
YOUR PRICE... **85c**

## Replacement Chokes

For A.C., D.C. Receivers

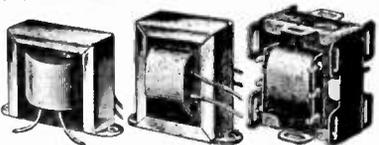


Open type, cadmium plated, rust-proof frames. Silicon steel core. 6 inch insulated leads. A size for practically every replacement. Highest quality chokes fully guaranteed.  
Core Size 3/4"x3/4". Mtg. Hole Centers 2 1/2". Dimensions: 1 1/2"x2 1/2"x1 1/2" High.  
15 Henries at 40 M. A.  
List Price \$1.00  
YOUR PRICE... **37c Ea.**

Stock Number	D. C. Resist.	Stock Number	D. C. Resist.
K6388	200	K6392	400
K6389	250	K6393	450
K6390	300	K6394	500
K6391	350	K6395	550

## Universal Replacement Audios and Output Transformers

Three different mountings. All types have universal electrical characteristics. High quality transformers suitable for use in the finest receivers. Bright cadmium rust-proof finish. Diagrams and instructions included. For use on either A.C. or D.C. receivers.



### Physical Dimensions

Horizontal Frame—Overall 3 1/2" wide, 1 1/2" deep, 2" high. Mtg. Cent. 2 1/2".  
Vertical Frame—Overall 2 1/2" wide, 1 1/2" deep, 2 1/2" high. Mtg. Centers 2 1/2".  
Universal Bracket—Overall 2" wide, 2 1/2" deep, 2 1/2" high.

### Straight Audios

Ratio 3:1. Feeds from any type of general purpose tube into a stage of single audio.  
K6400—Horizontal Frame.  
K6401—Vertical Frame.  
K6402—Universal Bracket.  
YOUR PRICE... **76c**

### Push-Pull Audio Inputs

Overall ratio 3:1. Feeds from any general purpose tube either in single or push-pull into a stage of single or push-pull audio.  
K6403—Horizontal Frame.  
K6404—Vertical Frame.  
K6405—Universal Bracket.  
YOUR PRICE... **81c**

### Universal Output Transformers

Couples all combinations of power tubes, either single or push-pull to all dynamic or magnetic speakers. For voice coil impedances 1 to 30 ohms.  
K6406—Horizontal Frame.  
K6407—Vertical Frame.  
K6408—Universal Bracket.  
YOUR PRICE... **76c**

## Output Transformers



A type and size to fit every dynamic speaker requirement. Output transformers of these specifications and characteristics are standard equipment on thousands of speakers. The two sizes listed fit any standard make of speaker. Match practically any dynamic speaker voice coil.  
Medium Size: 1 3/4"x2 1/2"x1 1/2" high.  
Core Size: 3/4" M.C. 2 1/2".

For Single Tubes		For Push-Pull Tubes	
Stock Number	To Feed From	Stock Number	To Feed From
K6923	12A5, 31, 43, 45, 53, 71A.	K6927	12A5, 31, 43, 45, 53, 71A.
K6924	2A5, 33, 41, 42, 47, 79, 89.	K6928	33, 41, 42, 47, 79, 89, 2A5.
K6925	10, 12A, 19, 26, 38.	K6929	10, 12A, 19, 26, 38.
K6926	48, 59.	K6930	48, 59.

Your Price... **44c** Your Price... **49c**

Large Size: 1 3/4"x2 1/2"x2 1/2" high.  
Core Size: 3/4" M.C. 2 1/2".

For Single Tubes		For Push-Pull Tubes	
Stock Number	To Feed From	Stock Number	To Feed From
K6931	12A5, 2B6, 31, 43, 45, 50, 53, 71A.	K6935	12A5, 2B6, 31, 43, 45, 50, 53, 71A.
K6932	2A5, 6A4, 33, 41, 42, 46, 47, 79, 89.	K6936	2A5, 6A4, 33, 41, 42, 46, 47, 79, 89.
K6933	10, 12A, 19, 26, 38.	K6937	10, 12A, 19, 26, 38.
K6934	48, 59, 2A3.	K6938	48, 59, 2A3.

Your Price... **65c** Your Price... **69c**

## SPECIAL VALUE

### Output Transformers

Black enameled channel frame. Coded insulated leads. Core size 3/4"x1 1/2". Size: Ht. 1 1/2". Wd. 2 1/2". Depth 1 1/2". Mtg. Cent. 2 1/2".



### For Single Tubes

K6429—Types single 42, 47, 2A5, etc. Impedance 7000 ohms.

### For Push Pull Tubes

K6430—Type 42, 47, 2A5, etc. Impedance 14,000 ohms.  
YOUR PRICE, Each Any Type... **39c**

### Special Value Push Pull Input

K6431—3:1 Ratio. Semi-shielded. Black enameled channel frame. Core size 3/4"x1 1/2". Ht. 1 1/2". Wd. 2 1/2". Depth 1 1/2". Mtg. Cent. 2 1/2".  
YOUR PRICE... **44c**

## Filament Transformers

K6725—  
YOUR PRICE... **69c**  
110 V. primary. Secondary 2 1/2", 5" amp. Mtg. centers 2 1/2". 2 1/2" high, 1 1/2" wide.

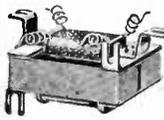
2 1/2 Volt—12 Amp. Filament Transformer  
Same as above except that it delivers 12 amps. Center tapped. 30 watts.  
K6726—List, \$2.75.  
YOUR PRICE... **79c**

6.3 Volt Filament Transformer  
Size and appearance, identical to above transformer. Delivers 6.3 volts at 3 amps. For use with the new 6.3 volt tubes on 115 volt A. C. Can also be used on 7.5 volt tubes. 30 watts.  
K6727—List, \$2.25.  
YOUR PRICE... **97c**

# Jefferson

Universal Audio Replacements  
Outputs, Chokes

## Straight Audio, 1 to 2 Ratio



For underchassis replacement in any A.C. or D.C. set. Brackets for vertical or horizontal mounting. Range = 4 db. 120 to 5000 cycles. Wt. 3/4 lbs. Size 2 1/2" x 2 1/2" x 1 1/2". Flexible leads. K6700—Code 467-164.

List Price, \$1.35.  
YOUR PRICE ..... **73¢**

## Push-Pull Input or Straight Audio

For use in any A.C. or D.C. receiver. Designed for push-pull, 1 to 3 ratio, amplification. By not connecting center tap, a 1 to 2 ratio straight audio is obtained. May be mounted in four positions with universal brackets. Lugs and tinned leads combined for convenient connections. The audio response curve is ± 4 db. from 80 to 3500 cycles at 1 to 6 ratio. Size 1 1/2" x 2 1/2" x 1 1/2" high. Wt., 1 lb.



K6701—Code 467-168. List, \$1.95.  
YOUR PRICE ..... **94¢**

## Universal Choke "30" Henry

An all-purpose filter choke incorporating universal mounting features. Recommended for use in all circuits requiring a quality choke of sturdy and generous proportions. Windings are vacuum impregnated to remove all trace of moisture and to guard against re-absorption. Connections brought out to slotted lug leads and leads. Resistance 275 ohms; maximum current carrying capacity 100 ma. Size 2 1/2" x 2 1/2" x 1 1/2". Shpg. wt., 1 1/2 lbs. K6702—Code 466-125. List Price, \$1.75.

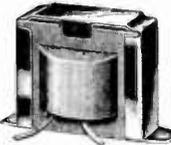


YOUR PRICE ..... **73¢**

## Replacement Type Audios

### Straight Audio

Manufacturer's type, ratio 1 to 2. Used in many sets to couple 27 detector to 26 tube or from a 26 to a 71A. 10 Ma. Plate current limit. Size 3 1/2" x 1 1/2" x 1 1/2". Wt. 1 lb.



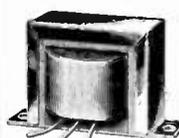
K6703—Code 467-401. List Price, \$1.05.  
YOUR PRICE ..... **62¢**

### Push-Pull Input

Manufacturer's type, ratio 1 to 2. For coupling a 26, 91A, or 27 tube to push-pull 112A, 71A, or 45 tubes. 10 Ma. Plate current limit. Sizes 3 1/2" x 1 1/2" x 1 1/2". Wt. 3/4 lbs. K6704—467-402. List Price, \$1.10.  
YOUR PRICE ..... **65¢**

## Large Size Replacement

### Push-Pull Input



Ratio 1 to 2. K6705—467-404. List Price, \$1.40.  
YOUR PRICE... **82¢**

Increased core size and heavier wire greatly improve the audio response curve of this transformer. Size 3 1/2" x 1 1/2" x 2 1/2" high. Sell this transformer on service jobs where results better than obtained with the original unit are desired. ± 4 db. from 90 to 4000 cycles.

## Thordarson and Jefferson Transformer Headquarters

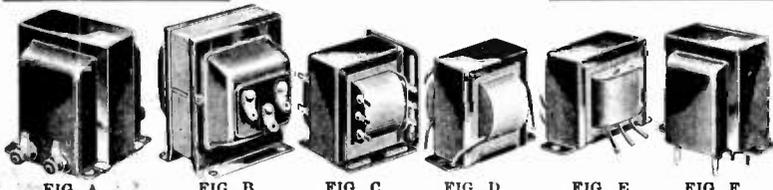
Radolek will make immediate shipment on all types of Jefferson or Thordarson transformers. If the transformer you require is not listed on this page send us your order and we will make quick shipment at the Regular Dealer Price.

See pages 48, 49 and 128 for Thordarson and Jefferson P.A. Transformers.

# THORDARSON

# TRANSFORMERS AND CHOKES

# THORDARSON



## AUDIO TRANSFORMERS

Typical Application	Thor. Type	Turns Ratio	Stock No.	List Price	Your Price	Primary			Mtg. Fig.	Dimensions			Mtg. Holes
						M.A.	D.C.	Ohms		H.	W.	D.	
Single Plate 27, 56, etc.	R-100	1:2	K6615	\$1.75	\$1.03	8		1217	B	2 1/2	2	1 1/2	2 1/2
	T-2909	1:2	K6616	1.75	1.03	8		1296	F	2 1/2	2	2 1/2	2 1/2
	T-5738	1:2	K6617	2.00	1.18	8		1296	F	2 1/2	2	2 1/2	2 1/2
Single Grid 56, 45, 47, etc.	T-8604	1:3.2	K6618	1.75	1.03	8		1296	E	2	2 1/2	2	2 1/2
	T-5737	1:3	K6619	3.00	1.76	8		2385	B	3	2 1/2	2	2 1/2
	T-5738	1:3	K6620	3.25	2.11	8		2385	F	3	2 1/2	2 1/2	2 1/2
Single Plate 27, 56, etc.	T-3391	1:3.2	K6621	2.00	1.18	8		1394	B	2 1/2	2	2	2 1/2
	TN603	1:3.2	K6622	2.00	1.18	8		1394	C	2 1/2	2	2	2 1/2
	R-101	1:3.2	K6623	2.25	1.32	8		1394	C	2 1/2	2 1/2	1 1/2	2 1/2
P-P Grids 56, 45, 47, etc.	T-5740	1:3	K6624	3.25	2.11	8		2694	B	3	2 1/2	2	2 1/2
	T-4804	1:3	K6625	3.75	2.20	8		2694	A	3	2 1/2	2 1/2	2 1/2
	T-5741	1:3	K6626	3.50	2.06	8		2694	F	3	2 1/2	2 1/2	2 1/2
	T-5742*	1:3	K6627	3.25	2.11	8		2159	B	3	2 1/2	2	2 1/2
	T-5743*	1:3	K6628	3.50	2.06	8		2159	F	3	2 1/2	2 1/2	2 1/2
Single Plate 30 or 49 to P-P Grids 19 or 49	T-5463*	1:2.4	K6629	2.50	1.47	7		20,000	F	2 1/2	2	1 1/2	2 1/2
	T-7846*	1:1.14	K6630	1.65	.97	3		1280	D	2	1 1/2	1 1/2	2 1/2
P-P Plates 27, 56, etc.	T-6434	1:1.3	K6631	3.50	2.06	8		4268	B	3	2 1/2	2	2 1/2
	T-5397	1:1.3	K6632	3.75	2.20	8		4268	F	3	2 1/2	2 1/2	2 1/2
P-P Grids 56, 45, 47, etc.	T-6791†	1:1.5	K6633	3.50	2.06	13		3180	B	3	2 1/2	2	2 1/2

\*High peak for power detection. †For use in Class B circuits.  
†May carry grid current in Class AB, but should not be used in final Class B stages.

## OUTPUT TRANSFORMERS For Receivers and Amplifiers

Thor. Type	Typical Application	Stock No.	List Price	Your Price	Primary			Mtg. Fig.	Dimensions			Mtg. Holes
					D.C.	Ohms	M.A.		H.	W.	D.	
T-5701	Single or P-P power tubes	K6634	\$2.00	\$1.18	452	20	D	2 1/2	2 1/2	1 1/2	2 1/2	
R-107		K6635	2.25	1.32	452	20	C	2 1/2	2 1/2	1 1/2	Univ.	
T-3399	P-P 45, etc.	K6636	1.60	.94	600	25	B	2 1/2	2	2	2 1/2	
T-6748	P-P 45, etc. Class A Single 63 Class B	K6637	3.50	2.06	414	25	F	3	2 1/2	2 1/2	2 1/2	
T-6751	P-P 2A5, etc. Class A P-P 79, etc. Class B	K6638	3.50	2.06	426	31	F	3	2 1/2	2 1/2	2 1/2	
T-6594	P-P 50, etc. Class A P-P 2A5 Class AB	K6639	4.00	2.35	394	31	F	3 1/2	2 1/2	3	3 1/2	
T-6754	P-P 2A3 Class AB	K6640	4.00	2.35	149	64	F	3 1/2	2 1/2	3	3 1/2	
T-6752	P-P 46 or 59 Class B	K6641	4.00	2.35	251	50	F	3 1/2	2 1/2	3	3 1/2	
T-6806	P-P 2A5, etc.	K6642	2.50	1.47	251	25	F	2 1/2	2	1 1/2	2 1/2	
T-8101	P-P 19, 30, 49 Class B	K6658	1.65	.97	464	15	D	2	1 1/2	1 1/2	2 1/2	

## FILAMENT TRANSFORMERS Primary 115 Volts, 60 Cycles

Thor. Type	Input Volts	Sec. CT	Sec. CT	Sec. CT	Stock No.	List Price	Your Price	Mtg. Fig.	Dimensions			Mtg. Holes
									V	V	V	
T-5061	10	2.5	3.5		K6643	\$1.50	\$0.88	F	2 1/2	2	1 1/2	2 1/2
T-5469	15	2.5	5		K6644	2.00	1.18	B	2 1/2	2	2	2 1/2
T-5455	30	2.5	10		K6645	2.50	1.47	B	3 1/2	3	2 1/2	1 1/2 x 2 1/2
T-6399	20	5	3		K6646	3.50	2.06	D	3 1/2	2 1/2	3	1 1/2 x 2 1/2
T-6185*	20	6.3	2.5	5 3	K6647	2.00	1.18	D	2 1/2	2 1/2	2	3 1/2
T-7360	35	6.3	2.5	5 3	K6648	3.75	2.20	D	3 1/2	2 1/2	3	1 1/2 x 2 1/2

\*Secondary tapped to give 3 voltages.

## FILTER CHOKES For Radio Receivers

Thor. Type	Rated D.C.	Rated M.A.	Henries Inductance		Resist. D.C. Ohms	Stock No.	List Price	Your Price	Mtg. Fig.	Dimensions			Mtg. Holes
			No D.C.	With D.C.						H.	W.	D.	
T-1892	35	22	31.1	495	K6650	\$1.75	\$1.03	B	2 1/2	2 1/2	2	3 1/2	
T-4707	75	12	15.2	290	K6651	1.75	1.03	D	2 1/2	2 1/2	2	3 1/2	
T-6807	85	15	17.2	375	K6652	2.00	1.18	B	3	2 1/2	2	2 1/2	
T-5753	110	9.5	13.5	200	K6653	2.00	1.18	B	3	2 1/2	2	2 1/2	
T-1700	130	8.75	21	231	K6654	3.50	2.06	D	3 1/2	2 1/2	3	1 1/2 x 2 1/2	

## Impedance Chokes To Couple Two Single Audio Stages

Thor. Type	Typical Application	Stock No.	List Price	Your Price	Max D.C. M.A.	Henries No D.C.	Ohms D.C.	Mtg. Fig.	Dimensions			Mtg. Holes
									H.	W.	D.	
T-2927	For screen	K6655	\$1.50	\$0.88	8	1080	6150	B	2	2 1/2	1 1/2	2 1/2
T-6746	For triodes	K6656	2.00	1.18	5	510	6470	B	2 1/2	2	2	2 1/2

## Push-Pull Output Chokes

R-102	P-P 71, 45, 1	K6657	\$2.00	\$1.18	20	320	1560	C	2 1/2	2 1/2	1 1/2	Univ.
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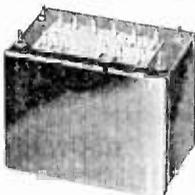
# Exact Duplicate Power Transformers



**Brunswick**  
Models 2KRO, 3KRO,  
3KR6, 5KR, 5KRO,  
5KR6  
K6750—List, \$6.00.  
YOUR PRICE **\$1.72**

## Columbia Model SG-8

Shog. wt., 7 lbs.  
K6751—  
YOUR PRICE **\$3.35**



## Majestic

70, 7P6 (Plate)

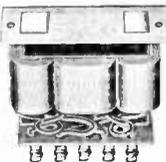
K6752—List, \$5.40.  
YOUR PRICE **\$2.06**



## Majestic Pilot Light Dimmer

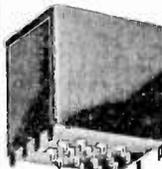
For Models 300, 300A and 320

An exact duplicate of the original Majestic Part No. 7785, used in the above model receivers. Used as a resonance indicator. No changes necessary to install. Fits chassis exactly. Shpg. wt., 2 lbs.



K6753—Complete Unit.  
YOUR PRICE **85¢**

# R. C. A. Victor and Radiola



**Radiola 44, 46, 47**  
K6754—List, \$6.50.  
YOUR PRICE **\$2.59**

**Radiola 17, 18, 33, 50**  
51. **Victor 7-11, 8-25,**  
7-26, 17-8.  
K6750—List, \$6.00.  
YOUR PRICE **\$1.72**

**Victor R64, R67, 9-54, 9-18X**  
K6756—List, \$15.00.  
YOUR PRICE **\$6.95**

**Victor RE32, E35, RE45, R52, RE75,**  
E135, E152, RE154, RE156  
K6757—List, \$6.00.  
YOUR PRICE **\$2.95**

## Sparton

Model 591, 593, 931

K6758—List, \$7.00.  
YOUR PRICE **\$3.15**



## Model 930

**Early and Late**  
Specifications: 100-130 Volts-  
60 Cycles; 625 Volts C.T. @  
60 M.A.; 5 Volts C.T. @ 2  
Amps.; 3 Volts @ Amps.;  
7½ Volts C.T. @ Amps.

\*The 7½ volt winding is for early models only. Use a 0.4 ohm 10 watt resistor on each leg of the 7½ volt winding for Sparton Sets employing 5 volt power tubes.

K6759—List, \$6.00.  
YOUR PRICE **\$1.95**

# Power Transformers Repaired

**Rewound Rebuilt Guaranteed Like New**

**Reduced Prices!**



Duplicate the Original . . . We Prepay the Return Postage

Stock Number	Total Number Tubes	Number & Type Power Tubes	Your Price
KX11965	5	Any Type	\$2.65
KX11966	6 to 8	1-271 A	2.95
KX11967	6 to 8	2-71 A	3.95
KX11968	6 to 8	1-45 or 47	3.95
KX11969	6 to 9	2-45 or 47	4.65
KX11970	8 to 10	1-50 or 10	5.25
KX11971	8 to 10	2-50 or 10	6.50

For Sets with Cardon or Kellogg Tubes  
KX11972 2 to 9 2-2N3 4.35  
KX11973 9 to 11 2-60 7.10

Add \$1.00 extra for Units sealed in wax. For 25 cycle transformers \$1.50 net to above prices.

## Quality Workmanship

All work is done under the direction of skilled, experienced transformer Engineers. We guarantee that the remanufactured transformer will be returned to you in perfect working condition and with electrical characteristics exactly like the original or if the original design was faulty, with improved corrected characteristics.

## Fast Service

(1) Send in old Transformer prepaid, with your name and address. (2) Send your order by mail in the regular manner, paid in full or with a 20% deposit. (3) Specify on your order make, model, and exact tube combination of the Receiver using the Transformer. State line voltage and frequency it is to be used with.

# For The Up-To-Date Serviceman

See Pages 90 to 94 for other Tools

## Handprobe

The Speedy Trouble Shooter

K11594—List Price, \$4.00.  
YOUR PRICE **\$2.25**

A fountain pen size analyzer for quick diagnosis of radio and other electrical troubles. Actually replaces all large meters and other test equipment on service work where analyzing is the only requirement. Tests open and shorted condensers while in operation. Set plays when open condenser is touched with Handprobe. Tests high voltages of auto ignition and distinguishes between A.C. and D.C. current. Tests for static, alignment, output, open and shorted transformers, dielectric efficiency, low volume, oscillation, distortion, fading, etc. Number of tests limited only to ingenuity of user. Overall size is only 9"x3" in diameter. Made of best quality bakelite. Comes equipped with 20" flexible lead and insulated alligator clip, ¼ watt Neon bulb, reducer for pilot light bulb, and complete instructions on how to make all tests.



## New Metal Tube Set Trimmer



K11573—List Price, \$1.00.  
YOUR PRICE **59¢**

Especially designed for sets using the new metal tubes. Screw driver is milled from shaft of tool and is enclosed in metal cylinder for reinforcement and for guiding driver end to screw slot. Shank will pass through a 1/8" hole to a depth of 2 1/2". High dielectric insulated easy grip handle and insulated shank. Overall length 4 1/2".

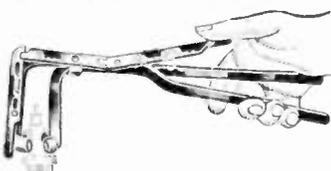
## Alignment Socket Wrench



K11574—List Price, 50¢.  
YOUR PRICE **29¢**

Alignment tool, 6" long, constructed of hard fiber. Shaft fits 1/8" hole. Brass socket for 1/8" hexagon nut is forced on one end. Hardened screw driver to fit all trimmer screws on opposite end and riveted to prevent wrench from turning. Wrench is essentially designed to fit main tuning capacitor trimmer and adjustment screws on most receivers.

## Metal Tube Extractor



K11687—List Price, \$3.00.  
YOUR PRICE **\$1.76**

Designed to pull all metal and metal covered glass tubes. Will reach and remove any tube with ease regardless of close quarters such as encountered in compact AC DC radios. Adaptable to radio production work. Simple to operate. Merely grip the tube firmly with jaws of puller, press thumb lever down and without wiggling, tugging, pulling or waiting for tube to cool, the tube will be lifted from its socket, gently and quickly. A new necessity for quickly servicing the new radios. 3 1/4" high, 1 1/2" long.

## TUBE PULLER

For All-Metal Tubes

K11688—List Price, 15¢.  
YOUR PRICE **9¢**



Fits securely under slots already provided in the metal bases of all metal tubes. Permits pulling out "hard to get at" or "hot" metal tubes. Especially useful in servicing small compact receivers with tubes located in inaccessible places. Made of steel. Tubes can be pulled out with puller at practically any angle.

## Handy Pocket Tool Case

Saves the Pocket and the Tools

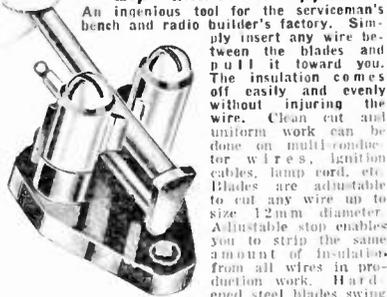
K5711—Pocket tool case only.  
List Price, \$1.00.  
YOUR PRICE **59¢**

Made of high grade, genuine leather. Double sewed for strength. Has snap fastener on flap. May be carried in hip pocket or fastened to belt. Two partitions large enough to hold all necessary tools for ordinary service call. Saves your pockets from wear and tear. No tools included.



## New Wire Stripper

"Zip" and It's Stripped!



An ingenious tool for the serviceman's bench and radio builder's factory. Simply insert any wire between the blades and pull it toward you. The insulation comes off easily and evenly without injuring the wire. Clean cut and uniform work can be done on multi-conductor wires, ignition cables, lamp cord, etc. Blades are adjustable to cut any wire up to size 12mm diameter. Adjustable stop enables you to strip the same amount of insulation from all wires in production work. Hardened steel blades swing back when wire is inserted. A fool-proof, durable tool. Blades in base for mounting on bench. Over all size 1 1/2"x2 1/2"x2" high. Shipping wt. 10 oz.  
K11695—  
YOUR PRICE **98¢**

Replacement Cutting Blades  
K11696—YOUR PRICE, Per Pair **25¢**

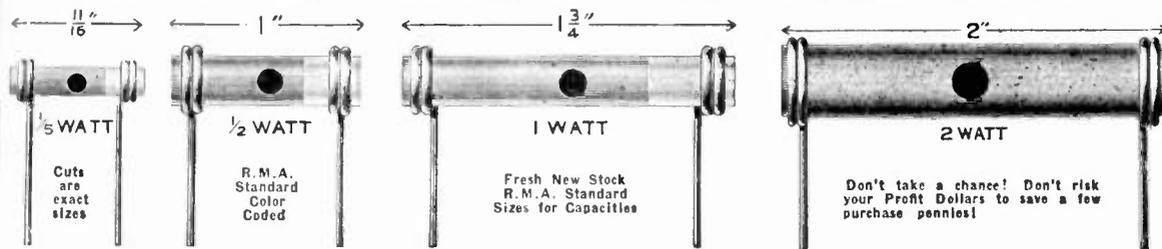
## Magic Electric Pencil

Engraves and Embosses

An electrically heated scriber about the size of a fountain pen. Embosses in beautiful colors—rubber, gold, silver, green, blue, and on any material. Reproductions can be made of drawings, designs, initials, emblems, etc. Very useful for making test panels, tools, books, advertising materials, tube bases, etc. Enough embossing paper supplied to emboss hundreds of words. Works on 100-120 volt A.C. or D.C. Heats quickly. Maintains even temperature. 8 feet cord.  
K5775—List, \$2.00.  
YOUR PRICE **79¢**

Extra Foil for Electric Pencil  
K5776—Gold  
K5777—Silver  
K5778—Red  
K5781—Purple  
List Price, \$1.00.  
YOUR PRICE, Each tube of 8 sheets, **59¢**  
Put up in convenient sheets, 6x12 inches. Eight sheets of one color to the tube.

# Radolek Certified Carbon Resistors



## Certified Quality

Finest quality, new fresh stock direct from the factory. The development of years of extensive research and manufacturing experience. Resistance is permanent, within a narrow range even when operated at overloads for a long period of time. Have only slight temperature coefficients at ordinary voltages. The resistance—after first few minutes of operation becomes constant. Free from capacity effect. Unaffected by humidity. Negative temperature coefficient. Conservative wattage rating, will carry reasonable overloads safely. These efficient and accurate resistors are highly recommended for all repair work.

No Serviceman Can Afford to Waste His Time or Jeopardize His Reputation Using Inferior "Job Lot" or "Surplus" Resistors. Resistors Offered at Lower Prices Are of Inferior Quality and Expensive At Any Price. Don't risk your profit dollars to save a few purchase pennies!

## Guaranteed Accuracy

Variations from values are negligible. Ratings guaranteed within 10%. Average variations close to 5%. Unusually quiet and become MORE QUIET the longer in use. Very strong and sturdy. Will stand all reasonable handling in manufacturing and repairing. All have welded-on 1 1/2 inch tinned copper wire leads. Perfect and permanent electrical and mechanical contact. Each resistor marked with standard R.M.A. color code or labeled with rated resistance. Modern laboratory machines and methods used in testing these resistors reject all units that do not pass these rigid standards of accuracy and quality.

Be Fair to Yourself and Your Customer! We recommend a resale price of \$1.00 for Certified Quality Resistors. With this generous profit you cannot afford to risk your reputation as a serviceman with "odd lot" or "second" quality cheap resistors. Use quality Radolek Certified Resistors.

## Buy With Confidence

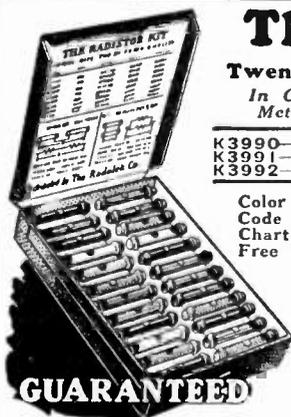
These Radolek highest quality carbon resistors are made by the recognized leading Resistor Manufacturers. We well know that there are resistors offered by many others at lower prices than quoted here. But Radolek refuses to handle products of doubtful quality. Servicemen can always be sure of receiving only the Highest Quality Carbon Resistors when dealing with Radolek. We always have supplied only the finest quality resistors as "Radolek Certified Carbon Resistors." You can be assured that you will always get the Same First Quality Resistors when you order "Radolek Certified Carbon Resistors."

Radolek has tested carbon resistors sold by other companies at these same prices. Our tests have proven that in most instances resistors of inferior quality are being offered. Although Radolek is meeting competitive quotations, Radolek will not lower the quality.

1/5 WATT	1/2 WATT	1 WATT	2-3 WATT
10 for ... <b>37c</b>	10 for ... <b>41c</b>	10 for ... <b>50c</b>	10 for ... <b>83c</b>
Per Hundred ..... \$3.65	Per Hundred ..... \$4.00	Per Hundred ..... \$4.85	Per Hundred ..... \$8.50

## Specify Size and Resistance by Stock Number

Resistance Ohms	1/5 Watt Stock No.	1/2 Watt Stock No.	1 Watt Stock No.	2 Watt Stock No.	Resistance Ohms	1/5 Watt Stock No.	1/2 Watt Stock No.	1 Watt Stock No.	2 Watt Stock No.	Resistance Ohms	1/5 Watt Stock No.	1/2 Watt Stock No.	1 Watt Stock No.	2 Watt Stock No.
100	K2000	K2065	K2135	K2205	3,500	K2021	K2086	K2156	—	100,000	K2041	K2106	K2176	K2236
150	K2001	K2066	K2136	K2206	4,000	K2022	K2087	K2157	K2220	150,000	K2042	K2107	K2177	K2237
200	K2002	K2067	K2137	—	4,500	K2023	K2088	K2158	—	200,000	K2043	K2108	K2178	K2238
250	K2003	K2068	K2138	K2207	5,000	K2024	K2089	K2159	K2221	250,000	K2044	K2109	K2179	K2239
300	K2004	K2069	K2139	K2208	6,000	K2025	K2090	K2160	K2222	300,000	K2045	K2110	K2180	K2240
350	K2005	K2070	K2140	—	7,000	K2026	K2091	K2161	K2223	400,000	K2046	K2111	K2181	K2241
400	K2006	K2071	K2141	K2209	8,000	K2027	K2092	K2162	K2224	Megohms	—	—	—	—
450	K2007	K2072	K2142	—	9,000	K2028	K2093	K2163	K2225	.5	K2047	K2112	K2182	K2242
500	K2008	K2073	K2143	K2210	10,000	K2029	K2094	K2164	K2226	.6	K2048	K2113	K2183	—
600	K2009	K2074	K2144	—	12,500	K2030	K2095	K2165	K2227	.75	K2049	K2114	K2184	K2243
700	K2010	K2075	K2145	—	15,000	K2031	K2096	K2166	K2228	.9	K2050	K2115	K2185	—
800	K2011	K2076	K2146	K2211	17,500	K2032	K2097	K2167	—	1.0	K2051	K2116	K2186	K2244
900	K2012	K2077	K2147	K2212	20,000	K2033	K2098	K2168	K2229	1.5	K2052	K2117	K2187	—
1,000	K2013	K2078	K2148	K2213	22,500	K2034	K2099	K2169	—	2.0	K2053	K2118	K2188	—
1,250	K2014	K2079	K2149	K2214	25,000	K2035	K2100	K2170	K2230	2.5	K2054	K2119	K2189	—
1,500	K2015	K2080	K2150	K2215	30,000	K2036	K2101	K2171	K2231	3.0	K2055	K2120	K2190	—
1,750	K2016	K2081	K2151	K2216	40,000	K2037	K2102	K2172	K2232	3.5	K2056	K2121	K2191	—
2,000	K2017	K2082	K2152	K2217	50,000	K2038	K2103	K2173	K2233	4.0	K2057	K2122	K2192	—
2,250	K2018	K2083	K2153	—	60,000	K2039	K2104	K2174	K2234	5.0	K2058	K2123	K2193	—
2,500	K2019	K2084	K2154	K2218	75,000	K2040	K2105	K2175	K2235	6	K2059	K2124	K2194	—
3,000	K2020	K2085	K2155	K2219	—	—	—	—	—	6.5	K2060	K2125	K2195	—
—	—	—	—	—	—	—	—	—	—	10.0	—	—	—	—



## The RADISTOR Kit

Twenty-Four "Certified" Replacement Resistors  
In Compact Lacquered Metal Carrying Case

K3990—1 Watt Kit	\$1.62	K3993—1 Watt Kit	\$1.22
K3991—1/2 Watt Kit	1.45	K3994—1/2 Watt Kit	1.05
K3992—1/4 Watt Kit	1.25	K3995—1/4 Watt Kit	.85

Color Code Chart Free

These kits enable the serviceman to make practically any resistor repair regardless of any unusual value resistance needed. Twenty-four of the most popular value resistors are included as follows: 1 each—100; 250; 400; 500; 800; 1,000; 2,000; 3,000; 5,000; 6,000; 10,000; 12,500; 15,000; 20,000; 25,000; 40,000; 60,000; 60,000; 75,000; 100,000; 250,000; 500,000 ohms; 1 megohm; 2 megohms. If value wanted is not in kit, combinations can be made to give a resultant resistance of any exact value needed. Simple chart and calculating formulae included in kit. Accuracy guaranteed within 10%, and most values are actually within 5%.

### In the Metal Box

Resistors are always ready and safe. Strong, green lacquered heavy guage steel boxes protect the resistors against the roughest handling. Drop the kit in your tool box, on the job, you are always sure to have the correct dependable resistors ready to use. The right resistor when you want it.

Certified Quality Assures Dependable Performance  
Use These High Quality Resistors for All Jobs

## SPECIAL BARGAIN Carbon Resistor Kit



3K3990—Kit of 100 Resistors. \$150  
YOUR PRICE

Kit contains 50-1 Watt, 25-1/2 Watt, and 25-1/4 Watt Resistors of values most commonly used by radio manufacturers. Tolerance within 20%. R.M.A. color coded, 1 1/2" long tinned wire leads. Packed in cardboard boxes. Superior in quality to most resistors offered at this price and even at higher prices, but not equal in quality to Radolek Certified Carbon Resistors.

# IRC Metallized Resistors

## New Insulated Metallized Resistors

Heavy casing of insulating material moulded around metallized filament resistance element sealing it from moisture and protecting it against shorting—shock—breakage—overload or

grounding on other parts. Both color coded and individually marked with resistance value and wattage rating. Quiet and Reliable. Accuracy 10% ±

**IRC**  
1 WATT  
50,000 OHMS

Tinned  $1\frac{1}{2}$ " Long Wire Leads

**I.R.C.—1 Watt**  
Length  $1\frac{1}{2}$ "

List, 25c. Each  
**YOUR PRICE ..... 12¢**

**IRC**  
2 WATT  
50,000 OHMS

Tinned  $1\frac{1}{2}$ " Long Wire Leads

**I.R.C. 2 Watt**  
Length  $1\frac{1}{2}$ "

List Price, 30c. Ea.  
**YOUR PRICE ..... 18¢**

Stock Number	Ohms	Stock Number	Ohms
K2400	50	K2433	15,000
K2401	75	K2434	17,500
K2402	100	K2435	20,000
K2403	150	K2436	22,500
K2404	200	K2437	25,000
K2405	250	K2438	30,000
K2406	300	K2439	35,000
K2407	350	K2440	40,000
K2408	400	K2441	50,000
K2409	450	K2442	60,000
K2410	500	K2443	65,000
K2411	600	K2444	70,000
K2412	750	K2445	75,000
K2413	800	K2446	100,000
K2414	1,000	K2447	125,000
K2415	1,250	K2448	150,000
K2416	1,500	K2449	200,000
K2417	2,000	K2450	250,000
K2418	2,250	K2451	300,000
K2419	2,500	K2452	400,000
K2420	3,000	K2453	500,000
K2421	3,500	K2454	600,000
K2422	4,000	K2455	750,000
K2423	5,000		Megohm
K2424	6,000	K2456	1.0
K2425	7,000	K2457	1.5
K2426	7,500	K2458	2.0
K2427	8,000	K2459	3.0
K2428	9,000	K2460	4.0
K2429	10,000	K2461	5.0
K2430	11,000	K2462	6.0
K2431	12,000	K2463	7.0
K2432	12,500	K2464	10.0

Note—Resistors from 50 to 300 ohms are wire wound.

**I.R.C.**  
 $\frac{1}{2}$  Watt  
Length  $\frac{3}{8}$ "

50,000 OHMS

List, 20c.  
**YOUR PRICE EACH ..... 10¢**

Stock Number	Ohms	Stock Number	Ohms
K2470	100	K2501	17,500
K2471	150	K2502	20,000
K2472	200	K2503	22,500
K2473	250	K2504	25,000
K2474	300	K2505	30,000
K2475	350	K2506	35,000
K2476	400	K2507	40,000
K2477	450	K2508	50,000
K2478	500	K2509	60,000
K2479	600	K2510	65,000
K2480	750	K2511	70,000
K2481	800	K2512	75,000
K2482	1,000	K2513	100,000
K2483	1,250	K2514	125,000
K2484	1,500	K2515	150,000
K2485	2,000	K2516	200,000
K2486	2,250	K2517	250,000
K2487	2,500	K2518	300,000
K2488	3,000	K2519	400,000
K2489	3,500	K2520	500,000
K2490	4,000	K2521	600,000
K2491	5,000	K2522	750,000
K2492	6,000	K2523	1.0 Meg.
K2493	7,000	K2524	1.5
K2494	7,500	K2525	2.0
K2495	8,000	K2526	2.5
K2496	9,000	K2527	3.0
K2497	10,000	K2528	3.5
K2498	11,000	K2529	5.0 Meg.
K2499	12,000	K2530	7.5
K2500	15,000	K2531	10.0

## Metallized Resistors

Not Insulated  
**IRC 1 Watt**



Pigtail Type—Length  $1\frac{1}{8}$ "  
List, 20c. Ea.  
**YOUR PRICE ..... 12¢**

Stock Number	Ohms	Stock Number	Ohms
K2650	100	K2685	30,000
K2651	150	K2686	32,000
K2652	200	K2687	40,000
K2653	250	K2688	45,000
K2654	300	K2689	50,000
K2655	350	K2690	51,000
K2656	400	K2691	60,000
K2657	500	K2692	65,000
K2658	600	K2693	70,000
K2659	750	K2694	75,000
K2660	850	K2695	99,000
K2661	1,000	K2696	100,000
K2662	1,250	K2697	150,000
K2663	1,350	K2698	190,000
K2664	1,500	K2699	200,000
K2665	2,000	K2700	240,000
K2666	2,250	K2701	250,000
K2667	2,500	K2702	300,000
K2668	3,000	K2703	400,000
K2669	3,500	K2704	490,000
K2670	4,000	K2705	500,000
K2671	5,000	K2706	750,000
K2672	6,000		Megohms
K2673	7,000	K2707	1.0
K2674	8,000	K2708	1.5
K2675	9,000	K2709	2.0
K2676	10,000	K2710	2.5
K2677	11,000	K2711	3.0
K2678	12,500	K2712	3.5
K2679	13,000	K2713	5.0
K2680	15,000	K2714	6.0
K2681	17,500	K2715	7.0
K2682	20,000	K2716	8.0
K2683	22,500	K2717	9.0
K2684	25,000	K2718	10.0

## New Insulated Wire Wound Resistors

**IRC** W.W. W. P. 50,000 OHMS

Tinned  $1\frac{1}{2}$ " Wire Leads

**I.R.C.—1 Watt — Length  $1\frac{1}{2}$ "**  
List, 20c. Each.  
**YOUR PRICE ..... 12¢**

Resistance element wire wound on textile core. Wire leads securely crimped under pressure to each end of resistance element. Entire assembly moulded under high pressure in insulating compound. Moisture proof. Will withstand a 50% overload indefinitely without any important change in resistance. Tolerance 10% ±

Stock Number	Ohms	Stock Number	Ohms
K2720	1	K2726	15
K2721	2	K2727	20
K2722	3	K2728	25
K2723	5	K2729	30
K2724	7.5	K2730	40
K2725	10	K2731	50

## Philco Headquarters

See pages 134 to 139 for Philco Radio replacement parts.

**I. R. C. Headquarters**  
The Radolek Company is headquarters for the most complete and advanced line of radio repair parts, test equipment and public address systems. Radolek's "Wholesale Only" policy protects your profits. See page 5 for details.

## New IRC Fused Dual Resistance Indicator

Two bearings obtained by tilting ball bearing slider to the scale desired. Low range, 100 to 10,000 ohms, high range 10,000 to 100,000 ohms. Litzel-teluse protects the resistance element against overheating.

**Featured Applications**  
Quickly indicates the proper resistance value for best results in ANY circuit. Enables you to check even the "dead" resistors and all others—including those which may have changed in value. Also useful for measuring or determining resistance values for volume controls, as a calibrated potentiometer or voltage divider or as a temporary standard resistor.



K2740—List, \$4.50.  
**YOUR PRICE ..... \$2.64**

## I.R.C. Power Wire Wound Resistors



Machine wound evenly spaced high quality wire on a non-moisture absorbing ceramic core. Covered overall with a newly developed moisture-proof cement coating. Tolerance 5%.

## 10 Watt—Type P.B.

Size  $1\frac{1}{4}$ " x  $5/16$ "

Stock Number	Resist. Ohms	Stock Number	Resist. Ohms
K2750	10	K2770	2,250
K2751	15	K2771	2,500
K2752	20	K2772	3,000
K2753	25	K2773	3,500
K2754	50	K2774	4,000
K2755	75	K2775	4,500
K2756	100	K2776	5,000
K2757	150	K2777	6,000
K2758	200	K2778	7,000
K2759	250	K2779	7,500
K2760	300	K2780	8,000
K2761	400	K2781	9,000
K2762	500	K2782	10,000
K2763	600	K2783	11,000
K2764	750	K2784	12,000
K2765	800	K2785	12,500
K2766	1,000	K2786	15,000
K2767	1,250	K2787	20,000
K2768	1,500	K2788	25,000
K2769	2,000		

List, 40c.  
**YOUR PRICE ..... 24¢**

## 20 Watt—Type P.C.

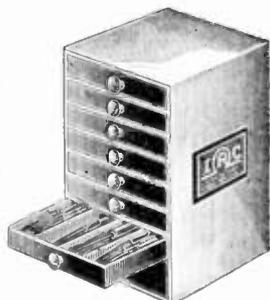
Size  $2$ " x  $9/16$ "

K2789	25,000	K2792	40,000
K2790	30,000	K2793	50,000
K2791	35,000		

List Price, 75c.  
**YOUR PRICE ..... 44¢**

## I.R.C. Resisto-Chest

Just the Thing for Your Service Bench—Holds Several Hundred Resistors—Has Many Other Uses



## Resisto-Cabinet Free with the Purchase of 56 I.R.C. Insulated Resistors

**K15806**—The assortment consists of the most frequently used ranges of resistor values and is contained in the handy Resisto-Chest described above. Two each of the most popular values. Chest complete contains 2 each 1 Watt New Insulated Resistors of following ranges:

300	5,000	30,000	200,000
500	7,500	40,000	250,000
1,000	10,000	50,000	300,000
1,500	12,500	65,000	500,000
2,000	15,000	75,000	1.0 Meg.
2,500	20,000	100,000	1.5 Meg.
3,000	25,000	150,000	2.0 Meg.

You pay only the price of the resistors. List Price of Resistors, \$11.20.

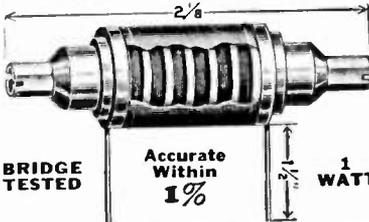
**YOUR PRICE With Cabinet ..... \$6.59**

## Chest Only

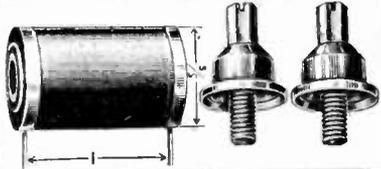
A sturdy fibreboard chest with seven small drawers and one large drawer. Each drawer is divided into small compartments for stocking various values of resistors. Ranges can be conveniently marked on drawers. Makes it easy to select the desired values and to check your resistor stock. Cabinet size  $8\frac{1}{4}$ " high,  $4\frac{3}{4}$ " wide, and  $5\frac{1}{2}$ " deep.

**K15807—YOUR PRICE ..... 90¢**

# ELECTRAD Precision Wire Wound Resistors



Designed for use in high grade test instruments, laboratory equipment and custom built apparatus. Particularly useful as voltmeter multipliers. Actually bridge-tested and guaranteed to be accurate within 1%. Space wound with highest quality enameled resistance wire in layers on insulative and impregnated with moisture resisting compound to insure against variation due to moisture absorption or temperature fluctuation. Non-inductive—low distributed capacity due to high insulation between turns and multiple layer design. Body length about 470,000 ohms 1 1/2 in. Supplied with 1/2" tinned wire leads. Ferrule terminals not included.



Stock Number	Resist. Ohms	Max. Volts Potential	Current M. A.	List Price	YOUR PRICE
K3600	.1	.38	3875	\$0.85	50c
K3601	1.	1.2	1225	.85	50c
K3602	5.	2.7	548	.85	50c
K3603	10.	3.8	387	.85	50c
K3604	25.	6.1	245	.85	50c
K3605	50.	8.6	173	.85	50c
K3606	100	12.	122	.85	50c
K3607	200	17.	86	.85	50c
K3608	500	27.	55	.85	50c
K3609	750	34.	44	.90	53c
K3610	1,000	38.	38	.90	53c
K3611	1,500	45.	33	.90	53c
K3612	2,500	61.	24	.90	53c
K3613	4,000	79.	19	\$1.00	59c
K3614	4,500	83.	18	1.00	59c
K3615	4,500	84.	18	1.00	59c
K3616	4,950	86	17	1.00	59c
K3617	5,000	87	17	1.00	59c
K3618	9,950	122	12	\$1.00	59c
K3619	10,000	125	12	1.00	59c
K3620	14,950	150	10	1.10	65c
K3621	15,000	150	9.7	1.10	65c
K3622	20,000	173	8.6	\$1.35	79c
K3623	25,000	194	7.7	1.35	79c
K3624	40,000	245	6.1	1.35	79c
K3625	40,500	247	6.	1.35	79c
K3626	50,000	274	5.5	1.35	79c
K3627	75,000	336	4.4	\$1.60	94c
K3628	90,000	374	3.8	1.85	91.09
K3629	100,000	387	3.8	1.85	1.23
K3630	125,000	433	3.4	2.15	1.38
K3631	150,000	475	3.1	\$2.35	1.53
K3632	175,000	510	2.9	2.35	1.70
K3633	200,000	548	2.7	2.35	2.00
K3634	250,000	610	2.4	\$2.60	2.50
K3635	400,000	750	2.2	3.00	3.09
K3636	500,000	750	2.	\$3.40	
K3637	750,000	750	1.3	4.50	
K3638	1 Meg.	1,000	1.	5.25	

**Removable Ferrule Terminals**  
Above resistors can be converted to ferrule type units as illustrated by screwing ferrule into ends.  
K3639—Ferrules List, per Pair, 25c.  
YOUR PRICE, per Pair ..... **15c**

**Atwater-Kent Line Ballast Resistors**

Models 42, 43, 44. Size 3 1/2" x 1 1/4".  
K3867—Model 42, 43—Pt. No. 13645, 28 Ohms.  
K3868—Model 44—Pt. No. 13755, 21 Ohms.  
YOUR PRICE, EACH ..... **63c**

**Crosley Candohm Replacement**

Exact Duplicate of original part.  
K3871—Crosley Part No. 28471. Resistance, 33,500 ohms tapped at 25,000 and 8500 ohms.  
List 70c  
YOUR PRICE ..... **41c**



## Type A—10 Watts 3/8" x 1 3/4" Long

Stock Num.	Resist. Ohms	Current M. A.	Max. Volts
K3465	1	3150	3
K3466	2	2200	4.5
K3467	2.5	2000	5
K3468	3	1800	5.5
K3469	5	1400	7
K3470	7.5	1150	8.5
K3471	10	1000	10
K3472	15	815	12
K3473	20	700	14
K3474	25	630	16
K3475	30	570	17
K3476	50	450	22
K3477	75	360	27
K3478	100	315	31
K3479	200	220	45
K3480	300	180	55
K3481	400	159	63
K3482	500	141	70
K3483	800	112	89
K3484	1000	100	100
K3485	1250	89	111
K3486	1500	81	122
K3487	2000	70	141
K3488	2500	63	158
K3489	3000	56	173
K3490	4000	50	200
K3491	5000	45	222
K3492	7500	36	274
K3493	10000	31	316
K3494	15000	26	388
K3495	20000	20	395
K3496	25000	16	400

List Price, Each 50c.  
YOUR PRICE, Each ..... **29c**

**Adjustable Sliding Clips**  
To adjust Truvalt resistors to exact value desired.  
K3566 For Type "A" Truvalt.  
K3567 For Types "B" and "D."  
YOUR PRICE, Each ..... **5c**

**Electrad Center Tap Resistors**  
Small compact flat resistors covered with a moisture proof enamel. Center tap is accurate to ± 1%. Size 1 1/2" long, 3/8" wide. Tinned lugs extend 3/8".  
YOUR PRICE, EACH ..... **15c**

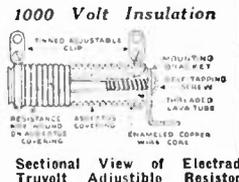
Stock Number	Resist. Ohms	Max. Volts
K3570	10	4.5
K3571	15	5.5
K3572	20	6.5
K3573	30	7.5
K3574	50	10
K3575	75	12
K3576	100	14
K3577	200	20

**Candohmeter Resistance Indicators**

An accurate, uniform wire wound resistor insulated from and enclosed in metal housing with exposed slot permitting contact with resistor. Furnished with insulated handle test prods. Has two scales, the upper one to determine approximate value, the lower to permit more accurate reading within that range. Serves to determine proper resistance to replace a defective resistor.  
K3870—Range 0 to 10,000 and 0 to 100,000 ohms. List Price, \$2.00.  
YOUR PRICE ..... **\$1.18**

# ELECTRAD TRUVALT Wire Wound Adjustable Resistors

High quality non-oxidizing low temperature coefficient test grade wire, space wound on heat resisting asbestos insulated flexible core which in turn is wound on thread cut groove channels in special high tensile strength fire-proof white lava tubes. Advantages are high power dissipation due to natural air cooling design, easy connection of taps, and durability. Improved adjustable clip permits lapping at any desired point. Flexible fiber insulating sleeve. Mounting brackets included.



## Type B—25 Watts 5/8" x 2" Long

Stock Num.	Resist. Ohms	Current M. A.	Max. Volts
K3500	100	500	50
K3501	200	353	50
K3502	250	320	50
K3503	300	289	50
K3504	400	250	50
K3505	500	224	50
K3506	750	182	50
K3507	800	177	50
K3508	850	165	50
K3509	1,000	158	50
K3510	1,250	141	50
K3511	1,500	129	50
K3512	2,000	112	50
K3513	2,250	105	50
K3514	2,500	100	50
K3515	3,000	91	50
K3516	3,500	84	50
K3517	4,000	79	50
K3518	4,500	75	50
K3519	5,000	71	50
K3520	6,000	64	50
K3521	7,000	60	50
K3522	7,200	59	50
K3523	7,500	58	50
K3524	8,000	56	50
K3525	9,000	53	50
K3526	10,000	50	50
K3527	12,000	45	50
K3528	15,000	41	50
K3529	20,000	35	50
K3530	25,000	32	50

List Price 85c  
YOUR PRICE ..... **49c Each**

List Price \$1.10  
YOUR PRICE ..... **65c**

List Price \$1.30  
YOUR PRICE ..... **76c**

**Variable Voltage Dividers**  
Each has 4 sliding taps which enables the serviceman to obtain various voltages, depending upon the circuit used.  
K3580—Type C-130-S. 13,000 ohms. 50 watts. List, \$1.65.  
YOUR PRICE ..... **76c**

K3581—Type C-250-S. 25,000 ohms. 50 watts. List, \$1.90.  
YOUR PRICE ..... **76c**

K3582—Type D-250-S. 75 watts. Special heavy duty unit for use where excessive current is used—25,000 ohms. List, \$2.30.  
YOUR PRICE ..... **\$1.24**

1000 Volt Insulation  
Sectional View of Electrad Truvalt Adjustable Resistor

## Type D—75 Watts 5/8" x 6" Long

Stock Num.	Resist. Ohms	Current M. A.	Max. Volts
K3534	100	865	50
K3535	200	610	50
K3536	300	500	50
K3537	400	432	50
K3538	500	387	50
K3539	750	316	50
K3540	800	306	50
K3541	1,000	274	50
K3542	1,250	245	50
K3543	1,500	224	50
K3544	2,000	194	50
K3545	2,250	182	50
K3546	2,500	173	50
K3547	3,000	158	50
K3548	3,500	146	50
K3549	4,000	137	50
K3550	4,500	129	50
K3551	5,000	122	50
K3552	6,000	112	50
K3553	7,000	103	50
K3554	7,200	102	50
K3555	10,000	87	50
K3556	12,000	79	50
K3557	15,000	71	50
K3558	20,000	61	50
K3559	25,000	55	50
K3560	30,000	50	50
K3561	40,000	43	50
K3562	50,000	39	50
K3563	60,000	35	50
K3564	80,000	31	50
K3565	100,000	27	50

List Price \$2.25  
YOUR PRICE ..... **\$1.32**

List Price \$2.50  
YOUR PRICE ..... **\$1.47**

**Center Tapped Resistor**  
Each Ten For 75c  
1/2 Watt Capacity  
Wire wound on fiber strip. Lugs firmly clamped on. Can be bent to any angle for mounting. Overall length about 1 1/2". Accurate within 5%.

Stock Number	Ohms	Stock Number	Ohms
K3872	6	K3876	25
K3873	10	K3877	30
K3874	15	K3878	40
K3875	20	K3879	50

**Tinned "Bus" Wire**  
No. 14. Cut into two-foot lengths. K4910—Round, 10' ..... **12c**  
Lengths (20 feet) ..... **12c**  
100 lengths (200 feet) ..... **\$1.05**

## Power Supply Line Cord Resistor For AC-DC Sets

Replacement for voltage resistor cords in A. C., D. C. sets. Cord has in-built resistor for reducing line voltage to the correct value for the tube filaments.

Stock Number	Total Resistance	Filament Voltage Drop
K3880	330	18.0 to 34.0
K3881	290	25.0 to 31.5
K3882	250	32.0 to 44.5
K3883	220	45.0 to 52.0
K3884	180	53.0 to 61.0
K3885	160	62.0 to 68.9
K3886	135	69.0 to 75.2

YOUR PRICE EACH ..... **29c**

# Vitreous Enamelled Resistors



Wire wound on a 1/2" porcelain tube 1 1/2" long with a 1/4" hollow center. Coated with high quality Vitreous enamel and fired at red heat making an enamel coating which is fused tightly to the wire, terminal connections, and base. Either the solder lugs and 1/2" tinned wire leads may be used for mounting in air circuit.

**Non-Porous Waterproof Coating**

**10 Watt YOUR PRICE, EACH 20c** Ten for ..... \$1.90

Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms
K3300	1	K3309	25	K3318	200	K3327	1,250	K3336	7,500
K3301	2	K3310	30	K3319	250	K3328	1,500	K3337	10,000
K3302	3	K3311	40	K3320	300	K3329	2,000	K3338	12,000
K3303	4	K3312	50	K3321	350	K3330	2,500	K3339	15,000
K3304	5	K3313	75	K3322	400	K3331	3,000	K3340	20,000
K3305	7.5	K3314	100	K3323	500	K3332	3,500	K3341	25,000
K3306	10	K3315	125	K3324	600	K3333	4,000	K3342	30,000
K3307	15	K3316	150	K3325	750	K3334	5,000	K3343	40,000
K3308	20	K3317	175	K3326	1,000	K3335	6,000	K3344	50,000

## 20 Watt Size—2 Inches Long

Stock Number	Resistance Ohms						
K3350	5	K3363	750	K3376	3000	K3389	25,000
K3351	10	K3364	800	K3377	3500	K3390	30,000
K3352	50	K3365	1000	K3378	3750	K3391	40,000
K3353	75	K3366	1100	K3379	4000	K3392	45,000
K3354	100	K3367	1250	K3380	4500		
K3355	150	K3368	1500			K3393	60,000
				K3381	5000	K3394	60,000
K3356	200	K3369	1750	K3382	6000	K3395	75,000
K3357	250	K3370	1850	K3383	7000		
K3358	300	K3371	2000	K3384	7500		
K3359	400	K3372	2250	K3385	8000		
K3360	400	K3373	2400	K3386	10000		
K3361	500	K3374	2500	K3387	12500		
K3362	650	K3375	2750	K3388	15,000		

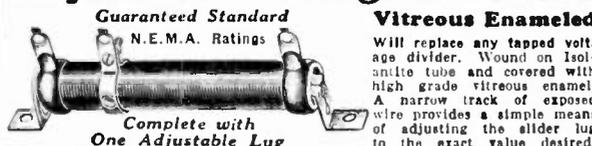
**YOUR PRICE 32c**    **YOUR PRICE 32c**    **YOUR PRICE 32c**    **YOUR PRICE 49c**

## 50 Watt Size—4 Inches Long (with lugs)

Stock Number	Resistance Ohms						
K3250	20	K3257	1,250	K3264	6,000	K3271	15,000
K3251	50	K3258	1,500	K3265	7,000	K3272	25,000
K3252	100	K3259	2,000	K3266	7,500	K3273	40,000
K3253	250	K3260	2,250	K3267	8,000	K3274	60,000
K3254	500	K3261	2,500	K3268	9,000	K3275	70,000
K3255	750	K3262	4,000	K3269	10,000	K3276	100,000
K3256	1000	K3263	5,000	K3270	12,000		

**YOUR PRICE 54c**    **YOUR PRICE 54c**    **YOUR PRICE 62c**    **YOUR PRICE 72c**

# Adjustable Voltage Dividers



**Guaranteed Standard**    **Vitreous Enamelled**  
N.E.M.A. Ratings    Will replace any tapped voltage divider. Wound on Isolantite tube and covered with high grade vitreous enamel. A narrow track of exposed wire provides a simple means of adjusting the slider lug to the exact value desired.

**Complete with One Adjustable Lug**  
Small contact button on adjustable lug shorts out minimum of resistance. Monel Metal lugs insure firm connection with resistance wire. New longer tube permits the use of more than one adjustable tap where required. Rated strictly in accordance with the requirements of the National Electric Manufacturers Association. Adjustable mounting brackets.

25 Watt Size 2"x3/4"			50 Watt Size 4 1/2"x3/4"			75 Watt Size 6 1/2"x3/4"		
Stock Number	Resist. Ohms	Max. Curr't M.A.	Stock Number	Resist. Ohms	Max. Curr't M.A.	Stock Number	Resist. Ohms	Max. Curr't M.A.
K3405	5	2450	K3428	10	2340	K3450	100	865
K3406	15	1410	K3429	50	1048	K3451	250	645
K3407	50	770	K3430	100	740	K3452	500	387
K3408	100	545	K3431	200	520	K3453	1000	270
K3409	200	445	K3432	500	330	K3454	1500	223
K3410	200	385	K3433	1000	234	K3455	2000	170
K3411	250	345	K3434	2000	165	K3456	2500	130
K3412	500	245	K3435	3000	135	K3457	5000	122
K3413	750	200	K3436	4000	117			
K3414	800	193	K3437	5000	104			
K3415	1000	173						
K3416	1500	141						
K3417	2000	122						
K3418	3000	100						
K3419	5000	77						

**YOUR PRICE 42c**    **YOUR PRICE 68c**    **YOUR PRICE 98c**

Stock Number	Resist. Ohms	Max. Curr't M.A.
K3438	7500	85
K3439	10000	74
K3440	12000	67

**YOUR PRICE 86c**    **YOUR PRICE 98c**    **YOUR PRICE \$1.11**

Stock Number	Resist. Ohms	Max. Curr't M.A.
K3441	15000	60
K3442	20000	50
K3443	25000	45

**YOUR PRICE 75c**    **YOUR PRICE \$1.22**

**Extra Adjustable Lugs**  
For use where additional taps are required.

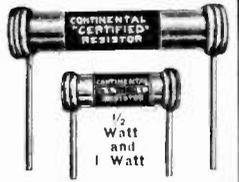
Stock Number	Resist. Ohms	Max. Curr't M.A.
K3444	30000	43
K3445	50000	37

**YOUR PRICE 83c**    **YOUR PRICE 6c**

# CONTINENTAL CARBON Inc.

**Certified Insulated Molded Carborite Resistors**  
1000 Volt Ceramic Insulation

Finest quality molded carbon resistors. The ceramic insulation permits them to come in contact with the chassis or other parts without the danger of shorting. Coating is very tough and will not chip. Quiet operation, permanent resistance value, non-inductive, oversize current carrying capacity. R.M.A. color coded plus Certified Seal with printed resistance value. 1/4" tinned wire leads. 3/8" dia., 1/2 watt 3/8" long, 1 watt-1 1/2" long.



1/2 Watt Stock Number	1 Watt Stock Number	Resist. Ohms	1/2 Watt Stock Number	1 Watt Stock Number	Resist. Ohms	1/2 Watt Stock Number	1 Watt Stock Number	Resist. Ohms
K3725	K3764	150	K3738	K3777	5,000	K3751	K3790	75,000
K3726	K3765	250	K3739	K3778	6,000	K3752	K3791	100,000
K3727	K3766	400	K3740	K3779	7,000	K3753	K3792	150,000
K3728	K3767	500	K3741	K3780	8,000	K3754	K3793	200,000
K3729	K3768	750	K3742	K3781	10,000	K3755	K3794	250,000
K3730	K3769	1,000	K3743	K3782	12,500	K3756	K3795	300,000
K3731	K3770	1,500	K3744	K3783	15,000	K3757	K3796	400,000
K3732	K3771	1,750	K3745	K3784	20,000	K3758	K3797	500,000
K3733	K3772	2,000	K3746	K3785	25,000	K3759	K3798	1 Meg.
K3734	K3773	2,500	K3747	K3786	30,000	K3760	K3799	1.5 Meg.
K3735	K3774	3,000	K3748	K3787	40,000	K3761	K3800	2 Meg.
K3736	K3775	3,500	K3749	K3788	50,000	K3762	K3801	3 Meg.
K3737	K3776	4,000	K3750	K3789	60,000	K3763	K3802	5 Meg.

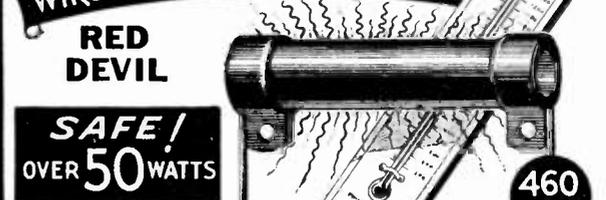
List Price, 20c. **YOUR PRICE, EACH 12c**

## 3 Watt 1-7/8" Long-3/8" Diameter

Stock Number	Resist. Ohms						
K3803	750	K3808	10,000	K3813	60,000	K3818	250,000
K3804	1,000	K3809	12,500	K3814	75,000	K3819	300,000
K3805	2,000	K3810	15,000	K3815	100,000	K3820	400,000
K3806	3,000	K3811	25,000	K3816	150,000	K3821	500,000
K3807	7,500	K3812	50,000	K3817	200,000	K3822	1 Meg.

List Price, 30c. **YOUR PRICE, EACH 18c**

# OHMITE WIRE WOUND RESISTORS



**RED DEVIL**  
**SAFE! OVER 50 WATTS**  
Resistance wire units wound on refractory porcelain core. Covered with Ohmite high temperature porcelain enamel, efficient at rated wattage. Will safely carry temporary loads of 50 watts. Especially suited for P. A. amplifiers, for re-pairing sections of voltage dividers in power pack of receivers and for transmitters. Cannot deteriorate with age nor change in resistance value. Accuracy guaranteed plus or minus 10% and average about 6%. 1/4 inch tinned leads.

## 10 WATT Size 1 3/4" x 3/4" inches. List, Each 40c. YOUR PRICE 24c

Stock Num.	Ohms	Stock Num.	Ohms	Stock Num.	Ohms	Stock Num.	Ohms
K3050	4	K3061	25	K3072	300	K3083	3,500
K3051	5	K3062	30	K3073	400	K3084	4,000
K3052	2	K3063	35	K3074	500	K3085	4,500
K3053	3	K3064	40	K3075	600	K3086	6,000
K3054	4	K3065	50	K3076	750	K3087	7,500
K3055	5	K3066	75	K3077	1,000	K3088	10,000
K3056	7.5	K3067	100	K3078	1,200	K3089	12,000
K3057	10	K3068	125	K3079	1,500	K3090	15,000
K3058	12	K3069	150	K3080	2,000	K3091	20,000
K3059	15	K3070	200	K3081	2,500	K3092	25,000
K3060	20	K3071	250	K3082	3,000		

## Center Tapped 10 WATT

Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms
K3100	10	K3103	30	K3106	75
K3101	15	K3104	40	K3107	100
K3102	20	K3105	50	K3108	200

List, 50c. **YOUR PRICE 29c**

## 20 WATT Size 2 1/2" x 3/4" inches.

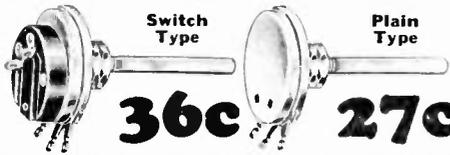
Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms
K3114	30,000	K3119	55,000	K3124	80,000
K3115	35,000	K3120	60,000	K3125	85,000
K3116	40,000	K3121	65,000	K3126	90,000
K3117	45,000	K3122	70,000	K3127	95,000
K3118	50,000	K3123	75,000	K3128	100,000

List, 75c. **YOUR PRICE 44c**    **YOUR PRICE 59c**





# Flatohm Controls



Unusually thin volume and tone controls. The non-switch type extends only  $\frac{1}{8}$ " back of panel and the switch type extends only  $\frac{3}{8}$ " back of panel. Especially adapted for use in compact receivers where space is limited. Standard  $\frac{1}{8}$ " threaded bushing.  $\frac{3}{16}$ " diameter shaft  $\frac{1}{2}$ " long and milled flat on one side. Potentiometer type. Carbon resistance element. Insulated shaft.

Resistance Ohms	Stock Number		Taper	Circuit Location
	Plain Type	Switch Type		
1,000	K12765	K12778	R. H.	Antenna Shunt
2,000	K12766	K12779	Unif.	Antenna Shunt, C-Bias
3,000	K12767	K12780	Unif.	Antenna Shunt, C-Bias
5,000	K12768	K12781	R. H.	Antenna Shunt
10,000	K12769	K12782	R. H.	Antenna Shunt, C-Bias
15,000	K12770	K12783	Unif.	Antenna Shunt, C-Bias
25,000	K12771	K12784	R. H.	Antenna Shunt, C-Bias
50,000	K12772	K12785	Unif.	Screen Volts, Tone Control
75,000	K12773	K12786	R. H.	C-Bias
100,000	K12774	K12787	Unif.	Screen Volts, Tone Control
250,000	K12775	K12788	R. H.	Audio Shunt, Tone
500,000	K12776	K12789	R. H.	Audio Shunt, Tone
1 Meg.	K12777	K12790	R. H.	Audio Shunt, Tone

## Walnut Parts Cabinets



**K15812—YOUR PRICE \$1.95**

An attractive and convenient storage place for small radio repair parts such as resistors, condensers, bolts, nuts, washers, solder lugs, small coils, etc. Six drawers, each with three removable partitions. Securely fastened knobs. Has sufficient space to hold up to 500 1-Watt carbon resistors. Two or more cabinets may be placed side by side or on top of each other to make a chest of drawers of any desired storage capacity. Constructed of  $\frac{1}{2}$ " genuine Walnut. Will stand hard usage. Tremendously useful and adds to the appearance of any receiver bench. Overall size 6 1/2" wide, 8 1/2" high, 3 1/2" deep.

Make **RADOLEK** your source of supply for everything in radio. Don't split your order. If the item you want is not listed in the Radolek Profit Guide we will get it for you and at the lowest dealer price.

## Special Replacement Controls For Philco Receivers

For Models 20, 20A, 21, 220, 40DC, 41DC, 42DC, 77, 77A. Philco Part No. 4094.

**K12850—List. \$1.80. YOUR PRICE... \$1.06**



Philco Models 70, 70A, 270A, 570, 90 (2-15), 90A (2-45), 470, 470A.

**K12851—Philco Part No. 5039. List. \$1.80. YOUR PRICE... \$1.06**

## For RCA Victor Receivers

Genuine R.C.A. Control For Models R-14, R-15, RE-17, R-42 R-48

RCA Victor Models R32, RE45, R52, RE75, R154, RE156

Part Number 7129



A dual type wire wound control. The exact control specified by R.C.A. for the above receivers.

**K12859—List. \$2.30. YOUR PRICE... \$1.35**

3,800 ohms each section. Replaces part number 10150 and Stackpole 77150-1. **K12860—List. \$2.50. YOUR PRICE... 95¢**

## Frost Potentiometer

12,500 ohm. Roller contact. Carbon element. Diameter  $\frac{1}{2}$ ". Depth  $\frac{1}{4}$ ". Shaft  $\frac{1}{2}$ " in. long.

**K12870—YOUR PRICE... 24¢**

## Yaxley Potentiometer

10,000 ohms. Wire-wound element. Diameter  $\frac{1}{2}$ ". Depth  $\frac{1}{4}$ ". Shaft dia.  $\frac{1}{8}$ ".

**K12874—YOUR PRICE... 24¢**

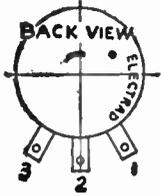
# Centralab Replacement

Model Receiver	Centralab Number	Your Price	Model Receiver	Centralab Number	Your Price
<b>MAJESTIC (cont.)</b>			<b>PHILCO (cont.)</b>		
45 (Std. Cont.)	52-205†	\$ .88	30, 96, 111, 111A, 112, 112A (4093)	2221901††	\$1.18
60, 61, 62, 160, 163	72-073†	.88	35, 36 (5317)	72-177*	.88
66 Auto	2011093*†	1.18	37 (Pl. 7239)	4010907*	1.47
70, 70B, 71, 72	72-180*	.88	38, 38A (Pls. 33-5017 & 33-5087) Spec.	74-557*	1.47
80	72-100	.59	44 (DC) Control	1010900*	.88
90, 90B, 91, 92, 93	70-046†	.88	44 (DC) Std.	72-111	.59
100, 101 Comb.	74-562†	1.47	40 (DC) Std.	2025900*†	1.18
100B, 102, 103	25-421*	1.37	40 (DC) Std.	1010977*	.88
110 Auto (Pl. 5072)	72-088*	.88	43 (6892) Spec.	72-101	.59
111 Auto (Pl. 7741)	30-017*	.88	43 Std. Control	2021908*†	1.18
114 Auto (Pl. 8695)	30-018*	.88	44 (33-5025) Spec.	62-116†	.88
116 Auto (Pl. 9825)	28-044*	.88	44 Std. Control	62-105†	.88
118 Ford	1010983*	.88	46 (DC) (4141)	74-560*	1.47
120, 121	74-548*	.88	47 (DC), 71 (6490)	51-095*	.88
120B, 123	74-558*	1.47	48 (DC), 51, 51A, 52 (5755)	51-076*	.88
130, 130A, 131, 132	72-181*	.88	50, 50A (5232)	74-559*	1.47
140 (Pl. 3473)	74-530*	1.47	54 (33-5001) Spec.	2021904*†	1.18
150, 160 Phono (Pl. 4390)	51-015*	.88	53 Std. Control	62-111†	.88
200, 201, 203, 204, (Spec.) (Std. Control)	72-156*	.88	54 (33-5010) Spec.	2021911*†	1.18
220, 221, 223 (Spec.)	72-105	.59	54 Std. Control	62-105†	.88
240, 241, 244, 245 (Spec.) (Std. Control)	72-163*	.88	57 (33-5011) Spec.	2021905*†	1.18
230, 233 (Pl. 1316)	72-121	.59	57 Std. Control	62-111†	.88
260 (Spec.)	74-563*	1.47	60, 66, 261 (65328) Spec.	2021011*†	1.18
260 (Std.)	62-064*†	1.18	65 (3528) Spec.	1010978*	.88
290, 291, 293, 294, 300, 300A, 303, 304, 307, 310A, 310B, 311, 314, 315, 321, 330, 331, 336, 337 (Pl. 7236) Spec. (Standard Control)	1010961*†	.88	65 Std. Control	72-101	.59
340, 344, 360, 363, 390, 393, 370, 371, 373, (Spec.) (Std. Control)	72-121	.59	70 Ave (6015)	1010975*	.88
380, 381, Treasure Chest (Pl. 8759)	51-123*	.88	70, 70A, 90 (2-47) 470 70 Easy "X", 370 (Pl. 5056)	74-579*	1.47
400, 411, 411A, 412, 413A, (Pl. 9063)	62-119†	1.18	76 (3879) Spec.	75-544*†	1.76
440 (Pl. 10557)	2111906*†	1.18	76 Std. Control	1010982*	.88
460 (Spec.)	37-006*†	1.18	80 (Pls. 7436 & 33-5005) Spec.	72-118	.59
460 (Std.)			80 Std. Control	2021906*†	1.18
490 (Pl. 10664)			81, 81A (33-5002) Sp.	62-111†	.88
500 (Spec.)			81, 81A Std. Cont.	1020903*	.88
500 (Std.)			84, 84B (33-5055)	72-111	.59
570 (Pl. 12041)			85, 87, 511 (3075)	2021909*†	1.18
600 (Pl. 11535)			89 (Pl. 33-5004)	2021911*†	1.18
800 (Spec.)			89 (33-5007) Spec.	1020904*	.88
800 (Std. Cont.)			89 Std. Control	72-105	.59
			90, 940 (5724) Spec.	1010976*	.88
			90 (1-47), 490 Std.	72-106	.59
			91 (7049) Spec.	1010981*	.88
			91 Std. Control	72-105	.59
			95 (3790)	24-264*	.88
			116B (Code 121), 201, 16 (Pls. 33-5022 & 33-5153)	2221906*†	1.18
<b>MONTGOMERY WARD</b>			116X (Code 122), 660 (Pls. 33-5112 & 33-5155)	2221908*†	1.18
40 (1932) 17	72-105	.59	6122, Ford X	2221904*†	1.18
57 (1935) 100M	70-205	.59	144	2221902*†	1.18
5T (Pl. 937-A), 123	74-555*	1.47	200, 201 (33-5071)	2221910*†	1.18
A110	71-509*	1.47	610 (Pl. 33-5106-2)	2021910*†	1.18
W11	62-103†	.88	610 Standard Cont.	62-105†	.88
Commander	62-114†	.88	611 AC (DC) (33-5114)	2011923*†	1.18
Monarch, Airline	70-014*	.88	620, 630 (33-5105)	2021905*†	1.18
W-24, 62-3, 62-6, 62-7, 62-8, 62-9, 62-10A, 13, 15, 16, 16X, 17, 18, 18X, 62-1, 62-2, 62-1, 62-2, 62-20 (11-12) 2nd, 62-20 62-20 (11-12) 1st	72-113	.59	623 (Batt.)	2221909*†	1.18
62-40, 62-50, 63-38, 62-01, 62-93, 62-89, 62-703-105 62-906, 62-907, 62-907-97X-99-99X-100-101X, 87 62-106-107-121 62-101 62-187 (Pl. 36x204) 77, 95, 62-120 197 811, 811X, 1111, 1111X 326RW 811, 1522-62, 1611, 1711, 3035-37-65-67 2822-37-95-97 2955 (Pl. 00918C) 2953-37	72-112	.59	640 (Pl. 33-5113)	2221908*†	1.18
	72-112	.59	641 (Pl. 33-5116)	2225600*†	1.18
	72-105	.59	643 (Pl. 33-5119)	1020906*	.88
	74-556*	1.47	800 (Code 122) 802 Auto	2221907*†	1.18
	79-006	.59	805 Auto	1010988*	.88
			806, 809 Auto	1010989*	.88
			808 Auto	1210915*	.88
	72-116	.59	<b>R. C. A. VICTOR</b>		
	62-118†	.88	RC-32, V5, R14	74-524*	1.47
	62-113†	.88	213, M30, R43, 46DC	72-103	.59
			RC3, V4, R15, RE17	74-526*	1.47
			RC4, R6, R7LW, RE18A	72-110	.59
			R5DC	73-119	.59
			R5, 7A, 80, 82, 86	72-109	.59
			CG-2, R5, 76-7		
			TC8, C7-6, DT-7		
			TT-5, CN-15, CN-19, CN-20, TN-14, TN-18, CN-4, D9-19, T9-10	1210912*	.88
			R7, R9, RC78A, RAES4	1219022*	.88
			R8, R10, R11, R12	1210600*	.88
			Victor 95-54	72-100	.59
			T10-1, C11-1, C11-3, D11-2, C13-2	1210913*	.88
			C15-3, C15-4, D22-1 ("Radola"), 17, 18, 20, 33, 41AC, DC	1210914*	.88
			RE1M, R18W, R27, Premium-Pl. RC95	72-100	.59
			RE18, RE19, R21, R25	62-131*	.88
			RE20, RC42, R71, R72, R4, R76, R77, RC834	1210900*	.88
			21, 22	72-117	.59
			RE2, 113-220AC-DC, 114	72-110†	.88
			RE2P, RE40P	62-108†	.88
			RE32, RE45, 52, 75, 145	74-600*	1.47
			RE34, RE35, R157, RE73	74-524*	1.47
			R37, R38P	1210901*	.88
			RC38	72-087*	.88
			R42, R48 (Pl. 62940)	74-526*	1.47
			44, 46	72-108	.59
			5T-R50, R55, RC57, R181, 142B, 241B, 300	72-103	.59
			RC52	72-111	.59

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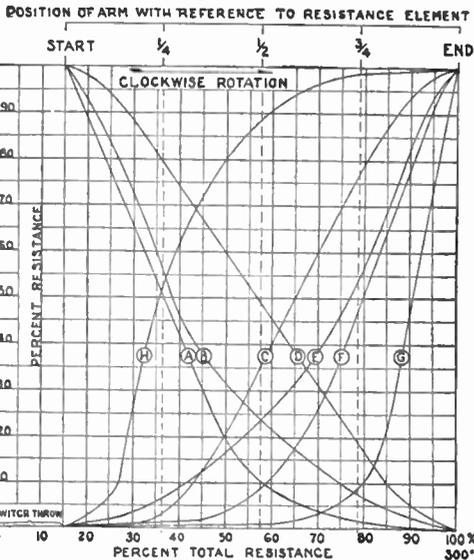


# How to Select the Proper Volume Control

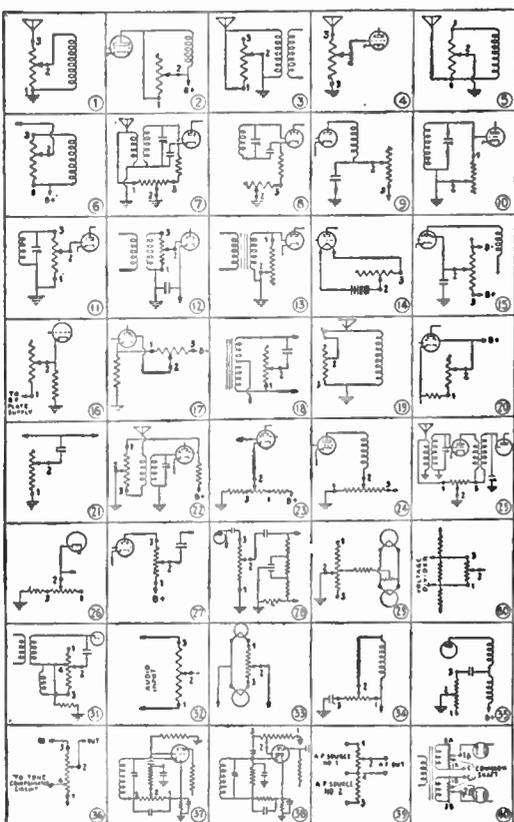


Determine circuit in which control to be used from diagrams listed below. Refer by circuit number to Electrad Control listing. If circuit number is listed with more than one control, select the control with most desired resistance value or taper curve. Points numbered 1, 2, and 3 in circuit diagrams correspond with control terminals as indicated on illustration and should be hooked up accordingly. If this is done, volume will increase with clockwise rotation. In cathode circuits using three tubes of type 26, 27, 24A, etc., or two tubes of type 351, 51, 58, 78, 61D6, 6K7, etc., use number 875 Special High Current Carrying Control.

## Electrad Taper Curve Charts



## Electrad Control Circuits



# ELECTRAD REPLACEMENT

(S) Indicates Switch is Required but is not supplied and must be purchased separately.

† Indicates An Exact Replacement of Original Control. If original control has a switch the replacement control is supplied with a switch.

Model Receiver	Electrad Number	Your Price	Model Receiver	Electrad Number	Your Price
<b>ATWATER-KENT</b>			<b>CROSLLEY (cont.)</b>		
33	203	\$ .59	80 & 80LB "AW-8H1"	203	\$ .59
36	278(S)	.59	84, 84C, 84D	208	.59
37, 38, 40, 40F, 41, 42, 42F,	(Strip)		91, 92, 121, 121-1	203	.59
43, 44, 46, 47, 51, 52, 53	1738	.29	92, 92A, 92B	2055P†	1.18
55, 55C, 55F, 55FC, 56,			98, Auto 99	999(S)	.59
57, 60, 60C, (All Early),	(Strip)		103 Auto	2010P†	1.18
61, 61C, 66	1742	.29	240(S)	240(S)	.59
Late Models of Above	524T†	1.47	121 Series "A"	2095P†	1.18
66 (Twin Control)	2100T†	1.47	122 Smoker, 123	2086P†	1.18
67, 67C (Battery)	463†	.88	122 Buddy 2-9	232W†	.59
67Q	242	.59	124, 125	616PG†	1.18
70 & 72 Chassis F, D, P, L	1-T†	1.47	124-1, 129, 133	2053J†	1.18
			126	991W(S)	.59
70 & 72 Chassis H	1757T†	1.47	126-1, 127, 127-1	203	.59
70 & 72 Chassis Q	2116T†	1.47			
71	804	.59			
74 & 75 Chassis F, D, P, L	74-T†	1.47	129-1	2054G†	.88
74, 75 & 76 Chassis H	1757T†	1.47	130, 130-1, 132-1	2057†	1.47
74, 75 & 76 Chassis Q	2116T†	1.47	131	232W	.59
76 Chassis F, D, P, L	1-T†	1.47	134, 134-1	2041†	.88
80, 80F, 83, 83F	460P†	1.47	135, 147, 155DC	240	.59
82, 82F	433†	1.18	136-1, 139-1	2056T†	1.47
82D, DC	844†	1.18	137	2057PG†	1.18
82Q Air Cell	465†	.88	138, 148	879PG†	1.18
			142 Chassis	234W†	.59
			143, 154 Air Cell	283	.59
84, 84D, 84F, 85	2394P†	1.18	146, 146-1, 150	2041†	.59
(All Early), 84Q	462PG†	1.18	156 Air Cell	2452P†	1.18
84, 84F, (Late)	464PG†	1.18	157, 158, 160, 164	2041†	.88
84D (Late)	433P†	1.18			
85 (Late), 85F	463PG†	1.18	159, 163, 167	234W(S)	.59
86	2395P†	1.18	162-1 Chassis	206	.59
87			166, 172, 174, 176	240(S)	.59
			168D, 170, 171	2041†	.88
89, 92, 92F, 96, 96F, 99,	464P†	1.18	169	573(S)	.59
99F	90, 90P, 567, 567F	1.18	173, 173-5	203(S)	.59
94, 94F	2395P†	1.18	200 Auto Roamlo, B	290	.59
99P, 155 (All)	203(S)	.59	177, 181	880†	.88
112	2463P†	1.18	315(3rd)	1687†	.88
			400, 510, 420	276W	.59
			401A	204W	.59
145, 206, 325	2471P†	1.18	602 Band Box, 608, 609,	602 Band Box, 608, 609,	
165 Early, 217, -D,	953P†	1.18	610 Gem, 704 Jewel, 705 &	610 Gem, 704 Jewel, 705 &	
165 Late, 185, -A, 188,			706 Show (Female Shaft)	1712†	.88
-F, 260, -F					
165Q, 387, 427Q	464P†	1.18	602, 704, 704A, 704B,	602, 704, 704A, 704B,	
184	M2528P†	1.18	Jewel Box, (Short Shaft)-	Jewel Box, (Short Shaft)-	
225, 545	2464P†	1.18	608, 609, (1 1/4" Shaft)	608, 609, (1 1/4" Shaft)	
228D, 228F, 236, 266	203(S)	.59	704 Early	704 Early	
246, 275, 310, -J, -T	953P†	1.18	706 Early (Long Shaft)	706 Early (Long Shaft)	
318, 559	2460P†	1.18	706 Show Box (L. S.)	706 Show Box (L. S.)	
328	2465P†	1.18	804 Jewel Box	804 Jewel Box	
424, 534, 816, 936	203	.59	804 Late	804 Late	
425, 427, -D, 510	953P†	1.18	992, Air Roamlo	992, Air Roamlo	
			Budly & Chum	Budly & Chum	
448, 460(All), 467	203(S)	.59	203(S)	203(S)	
469(All), 469D, 469F	464P†	1.18	Ground Station	2041†	1.18
469Q Air Cell	2397†	.88	Johnny Smoker	232W	.59
480	2396P†	1.18			
525Q	2472P†	1.18			
555, 588, 666, 926	2474P†	1.18	<b>EMERSON</b>		
558, 612, 627, 812	203(S)	.59	DC4, L-DC4	573(S)	.59
638, 756, -B	464P†	1.18	L-AC5, L-AC5	685PG	1.18
665, 667, -D, 708, 711 -J,	984†	.88	M-AC7	234W(S)	.59
-R, -T, 788, 808, -A			B-AC10	203(S)	.59
776	953P†	1.18	20A, 25A	998(S)	.59
810	2461P†	1.18	Chassis D-25, 39, 59	2070T†	1.76
844	2466P†	1.18	26, 30, 33 "AW" & "LW"		
Seicos LI, L2, D, F, P	2462P†	1.18	H5	813PG†	1.18
Chassis Ser. HI, H2	1-T†	1.47	34C	208	.59
	1757T†	1.47	35	203(S)	.59
			40, 77	814P†	1.18
			501, 50M, 850	240(S)	.59
<b>CROSLLEY</b>			AW55, KS, L-AC-A	573(S)	.59
3RS, 4-29	204W	.59			
4A1 Auto	2011P†	1.18	65	275	.59
4B1	2444P†	1.18	100A, F1	1086P†	1.18
5A1	2050P†	1.18	250, 321, 350 "AW" &		
5V1	2448P†	1.18	"LW", 300	813PG†	1.18
M5-3	234W(S)	.59	375, 375LW	814P†	1.18
5-38, 6-60, 6-75, 6-85	204W	.59	409-10-11-15-16-20	813PG†	1.18
6V2 Dual Sixty	880†	.88	C629	679PG†	1.18
AC-7, AC-7C	282W	.88	678 Auto	815P†	1.18
7H2, 7H3	2520†	.88	L735, M755, 8755	173(S)	.59
853	2105†	.88	965	2371P†	1.18
20, 21, 22, (Batt.)	204W	.59	CS, JS, T, TS	685PG†	1.18
22, 23	560	.59	Mickey Mouse	813PG†	1.18
26	504†	.88	<b>MAJESTIC</b>		
27, 30, 30S	1687†	.88	15 Chassis: Havenwood,		
31S	2510†	.88	Ellsworth, Sherwood;		
31S, 32, 33S, 34S	1687†	.88	15B Fyewood;	440PG†	1.18
40	879PG†	1.18	20, 21, 22, 23	1513PG†	1.18
40S-1S-2S-5S Early	1711†	.88	25 Chassis: Brentwood,		
40S-1S-2S-5S Late	1687†	.88	Cheltenham, Brucewood	444PG†	1.18
41-1A-2 Long Shaft	1725†	.88	25B	2383P†	1.18
41A, 42, 61 Early	1712†	.88	30-31	1741P†	1.76
48, 59	201†	.59	35 Chassis	278(S)	.59
49	2041†	.59	44 & 49 Chassis 440	900PG†	1.18
50AVC	573	.59	50, 51, 52	1810T†	1.47
	504†	.88	55 & 59 Chassis 500	901P†	1.18
			55 Chassis & 58, 57, 58:		
53, 54, 55DC	686†	.88	Ardmore, Berkshire,		
56	203	.59	& Viking	2385PG	1.18
56DC, 57, 58	686†	.88	60, 61, 62	441†	.88
59AC	502G†	.88			
60	880†	.88			
60S-1S-2S-3S-5S	995W	.59	66	903P†	1.18
63 Chassis, 82S	1687†	.88	67, 68, 69	889†	.59
71A	1711†	.88	70, 70B, 71, 72	2380†	1.18
72 & 72LB, "7H2" "7H3"	206	.59	75 Chassis 500, 85 & 86		
75, 76DC	203	.59	Chassis 800	901P†	.59
77, 77A, 77B, 77L	208	.59		2198†	.88
77-1	201	.59		201	.59
				2381†	.88

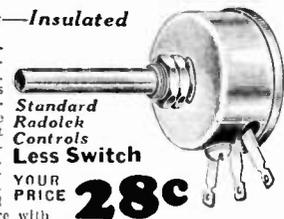




# VOLUME CONTROL GUIDE

# New RADOLEK Replacement Volume Controls

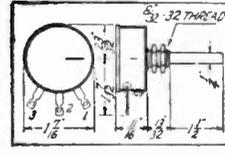
With Long Shafts—Insulated



**Standard Radolek Controls Less Switch**

**YOUR PRICE 28c**

Wire wound type up to 10,000 ohms. Carbon resistance type over 10,000 ohms. A new high quality series of replacement volume controls made for us by one of the oldest and foremost "stable" resistance manufacturers in the industry. Both wire wound and carbon types will safely dissipate 2 watts. Wire wound type precisely wound on fibre with constant tension phosphor bronze spring contact. High resistant carbon type has ingeniously designed contact consisting of three tapered phosphor bronze fingers which contact the element directly to insure quiet operation and minimum wear. A phosphor bronze shoe rides on a separate brass segment terminating resistance to center lug. All controls are potentiometer type, use center and one outside terminal when rheostat is required.



Model Receiver	Electrad Number	Your Price	Model Receiver	Electrad Number	Your Price
<b>SEARS ROEBUCK—Silvertone (Cont.)</b>			<b>SEARS ROEBUCK—Silvertone (Cont.)</b>		
1370 (1st)	573	\$ .59	4500-1-2-3-4-5-6	2601P†	\$1.18
1370 (2nd), 1380, 1382	560(S)	.59	4520	2611P†	1.18
1371	283(S)	.59	4522, 4523, 4542, 4543	2622P†	1.18
1390, 1400, 1402, 1404, 1406, 1408, 1450, 1531 (All 150 ohm resistor)	201	.59	4524, 4525, 4528	M12610P†	1.18
1422, 1422X	203(S)	.59	4526, 4546, 4550	2609P†	.88
1430 Tandem	2626TP†	1.59	4544, 4545, 4548	M12610P†	1.18
1430 Audio, 1462	203(S)	.59	4563, 4564, 4584 (1st)	M2603P†	1.18
1452, 1560, 1652, 1574	203	.59	4563, 4564, 4584 (2nd)	M2606P†	1.18
1480, 1482, 1484	573(S)	.59			
1490, 1531 (2nd)	560(S)	.59			
1510	2626TP†	1.76			
1512X, 1520, 1522, 1522X	202(S)	.59			
1580, 1582, 1584, 1590	201(S)	.59			
1588, 1630, 1660, 1711X	201	.59			
1590A, 1625, 1708A, 1715	203	.59			
1592	201(S)	.59			
1626	206	.59			
1650, 1652, 1654, 1670	206	.59			
1700	233W(S)	.59			
1703	930PG†	1.18			
1704, 1706, 1707	929P†	1.18			
1705	925TPG†	1.76			
1708, 1709, 1720	926TP†	1.47			
1710	931†	.88			
1711	933†	.88			
1714	932†	.88			
1716	242	.59			
1721, 1722, 1732	924†	1.47			
1722X, 1736X, 1732X	2637TP†	1.47			
1724, 1800	201	.59			
1725	926TP†	1.47			
1726, 1731, 1733	203	.59			
1727	240(S)	.59			
1728	930PG	.59			
1738-A	906	.59			
1729	894†	.88			
1743, 1743-A	203(S)	.59			
1750	928†	.59			
1760, 1801, 1801A, 1802	203	.59			
1802-A, 1803, 1803A, 1805A	203	.59			
1804, 1805, 1820, 1826	203	.59			
1806, 1807, 1808, 1808A	203	.59			
1809, 1811, 1823	203	.59			
1821, 1825, 1825A	203(S)	.59			
1822, 1824	206	.59			
1826A, 1827, 1828, 1829	203	.59			
1830, 1831	206	.59			
1832, 1832A, 1840	203(S)	.59			
1833, 1835, 1841, 1842	203	.59			
1854, 1855, 1858	203	.59			
1857A	203	.59			
1859-X, 1860, -X, 1863	203	.59			
1864, 1917, 1918, 1941	206	.59			
1865, 1869X	203	.59			
1900-3-X, 7-9-10-12	2575†	.88			
1905, 1915	2577†	.88			
1918A, 1945, 1968A	2597†	.88			
1919, 1929 (2nd)	2574†	.88			
1919, 1922A, 1929 (Notched Shaft)	2580†	.88			
1920, 1926, 1928	2581†	.88			
1921					
1923, 1933, 1936	2578†	.88			
1924-25-27X, 30-34-35	203	.59			
1930-37X, 39-40-42-44	203	.59			
1932-A	2574†	.88			
1933-A, 1943	2599†	.88			
1936-A	278	.59			
1944	2596†	.88			
1947, 1948, 1982A (Notched Shaft), 1992A	2574†	.88			
1947, 1948, 1982A	2597†	.88			
1949-53-53X-54X	203	.59			
1955, 1965	2575†	.88			
1956-56X-57-62	203	.59			
1967, 1968, 1971, 1981, -C	206	.59			
1967-	2576†	.88			
1970-70A-72-85	203	.59			
1978-80-80A	2580†	.88			
1983, 1993, 1996	2578†	.88			
1983-A	2599†	.88			
1986, 1987, 4403 (1st)	M2603P†	1.18			
1986, 1987 (2nd)	M2606P†	1.18			
1988, 4401, 4402	2605†	.88			
1989	2611P†	1.18			
1992-X-93X-94-95	203	.59			
1999	2598†	.88			
1999	2597†	.88			
2400	572	.59			
4106	1812TP†	1.76			
4400	M12621†	.88			
4400A	M12622†	.88			
4403 (2nd), 4429	M2606P†	1.18			
4404, 4405, 4406, 4407	M12610P†	1.18			
4408, 4420	2611P†	1.18			
4409, 4413, 4424, 4443	2602P†	1.18			
4410, 4411, 4442, 4425	M2610P†	1.18			
4414, 4415	2601P†	1.18			
4426, 4427, 4446, 4447	2609P†	1.18			
4428, 4444, 4445, 4448	M2610P†	1.18			
4449, 4529, 4549	M2606P†	1.18			
4450	2609†	.88			
4461, 4462	2605†	.88			
4463, 4464, 4484 (1st)	M2603P†	1.18			
4463, 4464, 4484 (2nd)	M2606P†	1.18			
4465, 4485	2607P†	1.18			
4486	2608P†	1.18			
4520	2601P†	1.18			
4522, 4523, 4542, 4543	2611P†	1.18			
4526, 4546, 4550	2609P†	.88			
4544, 4545, 4548	M12610P†	1.18			
4563, 4564, 4584 (1st)	M2603P†	1.18			
4563, 4564, 4584 (2nd)	M2606P†	1.18			
4565, 4585	2607P†	1.18			
4586	2608P†	1.18			
7000, 7001, 7002, 7012	203(S)	.59			
7003	276W	.59			
7013	203	.59			
7013-44-45-46-47-53-66	206	.59			
7018	240	.59			
7050	2113P†	1.18			
7051	095W	.59			
7062	233W (S)	.59			
7064	930PG†	1.18			
7065	926TP†	1.47			
7070, 7071, 7072	929P†	1.18			
7073-74-75-76-77-78	927P†	1.18			
7080	894†	.88			
7090	933†	.88			
7091-92-93-94	927P†	1.18			
7091-92-93-94	201	.59			
7110, 7126, 7130, 7135	908	.59			
7116-18-23-24-27-29	203	.59			
7119, 7120	208	.59			
7133-36-37-38-39-40-41	203	.59			
7134, 7135	201 (S)	.59			
7142-43-44-45-46-48-50	203	.59			
7151	206	.59			
7152-65-65N-66-66N-67-73	908	.59			
7154-55-56-57-58-63-72	203	.59			
7169	203 (S)	.59			
7170, 7170A	208	.59			
7171	2619P†	1.18			
7174-76-83	908	.59			
7181, 7182	2620P†	1.18			
Auto Set	M2522P†	1.18			
<b>WELLS GARDNER</b>					
05A, 052	776P†	1.18			
10B	781P†	1.18			
10 Super, 724, 7 Tube	201	.59			
13, 80A	202	.59			
17B	777P†	1.18			
20A, 30A	780†	1.18			
22A, 32A, 42A, 108	779P†	1.18			
23	203	.59			
27A	778P†	1.18			
28	240	.59			
C. C. G.	232W	.59			
9-11-Line (Early)	703†	.88			
9-11-Line (Late)	704†	1.47			
<b>ZENITH</b>					
4720, 4751, (Late)	233W (S)	.59			
4V31, 4V59	M2526P†	1.18			
5829, 5856	2392P†	1.18			
60 Late, 70, 71, 72, 73, 75, 82	1434TP†	1.76			
11, 12, 14, 15, 16, 17, 33, 34, 34P, 35, 35A, 35APX, 35PX, 37A, 39, 40A, 41, 42	771TP†	1.76			
55, 553	771P†	1.18			
50, 52, 53, 54, 57, 60, 61, 62, 64, 67, 602, 613, 622, 642, 672, (Shunt)					
658, 659	205P†	1.18			
with Additional 1 Mfd. will improve Vol. Cont. operation)	241	.59			
75	205	.59			
80, BH, LH, WH (6T)	706P†	1.18			
91 & 92 Early	705P†	1.18			
91 & 92 Late, 212	573	.59			
210-5, 211-5, 270-5	203 (S)	.59			
230, 240, 245	573 (S)	.59			
250, 2018, 2022, 2024	203	.59			
260, 272					
333, 342, 342P, 352, 352A, 352APX, 352PX, 362, 422	771TP†	1.76			
410	2100P†	1.18			
411, 420, 650HD, 651HE, 660TD, 661TE	203	.59			
474, 475, 701, 705, 706, 707, 711, 712, 715, 750, 755, 756, 760, 765, 767, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957,					

# YAXLEY Universal VOLUME CONTROL

## Linear Controls

Control Number	Type	Resistance Ohms	Curve
A400P	W.W.	400	IV
A500P	W.W.	500	IV
A1MP	W.W.	1000	IV
A2MP	W.W.	2000	IV
A5MP	W.W.	5000	IV
Y5MP	H.R.	5000	IV
Y10MP	W.W.	10000	IV
Y10MP	H.R.	10000	IV
Y20MP	H.R.	20000	IV
Y25MP	H.R.	25000	IV
Y50MP	H.R.	50000	IV
Y100MP	H.R.	100000	IV
Y200MP	H.R.	200000	IV
Y250MP	H.R.	250000	IV
Y500MP	H.R.	500000	IV
Y1000MP	H.R.	1000000	IV

List Price, \$1.00.  
YOUR PRICE, EACH ..... **59c**

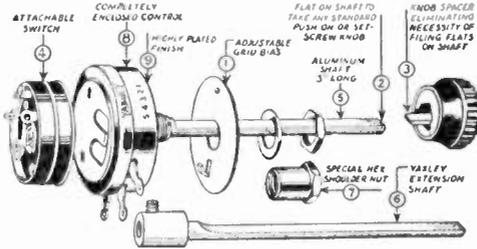
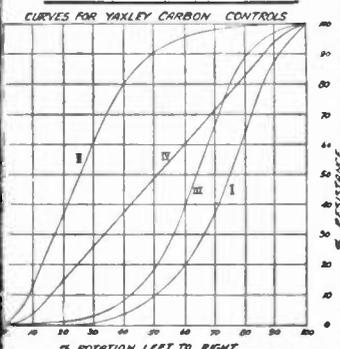
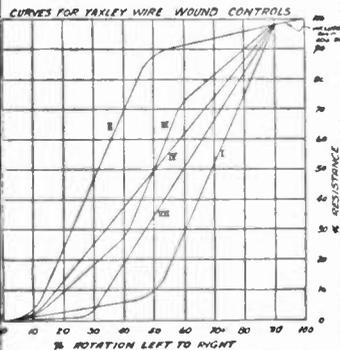
## Universal "Tapped" Controls

Prices do not include switch or accessories

Control Number	Ohms Resistance	Tapped at Ohms
TRP600	6M	2500
TRP601	30M	8000
TRP602	63M	3000
TRP603	250M	Cen. Tap
TRP604	350M	25000
TRP605	350M	75000
TRP614	350M	70000
TRP606	500M	100000
TRP607	500M	Cen. Tap
TRP608	1 Meg.	200000
TRP609	1 Meg.	Cen. Tap
TRP610	1 Meg.	170000
TRP611	2 Meg.	25000
TRP612	2 Meg.	450000
TRP613	2 Meg.	450000

List Price, \$1.50.  
YOUR PRICE, EACH ..... **88c**

## Taper Curve Charts



## Universal Single Controls

All controls designated by asterisk (\*) are equipped with the exclusive Yaxley Stop-Plate adjustment. Adjustable from 100 ohms to 500 ohms. Where no fixed bias section is needed the Stop-Plate is removed. \*Have Adjustable Bias Feature. W.W.—Wire Wound, H.R.—High Resistance Carbon. †Have slotted shaft for automobile receivers.

Control Number	Type	Resistance Ohms	Curve	Use In Circuit Number (See Page 60)
Q	W.W.	2	IV	14
R	W.W.	6	IV	14
S	W.W.	10	IV	14, 33
T	W.W.	20	IV	14, 33
U	W.W.	30	IV	14, 30
V	W.W.	60	IV	14, 30
W	W.W.	100	IV	14, 30
X	W.W.	200	IV	14, 30
A	W.W.	500	I	1, 4, 5
B	W.W.	1000	I	1, 4, 5
UC-500*	W.W.	1000	II	7
*C	W.W.	2000	II	1, 2, 4, 5
C12	W.W.	2000	II	8
*D	W.W.	3000	II	1, 2, 4, 5
*E	W.W.	3000	VII	2, 11
D12	W.W.	3000	I	1, 4, 5
*E	W.W.	5000	II	8
*E7	W.W.	5000	VII	2, 7
E12	H.R.	5000	I	1, 2, 4, 5
*F	W.W.	7500	II	8
*F7	W.W.	7500	VII	7
F12	H.R.	7500	I	1, 2, 4, 5
*G	W.W.	10M	II	8
G7	W.W.	10M	VII	7
G12	H.R.	10M	I	1, 2, 4, 5
UC-501	H.R.	10M	II	8
*H	W.W.	15M	II	8
*H7	W.W.	15M	VII	7
H12	H.R.	15M	I	1, 2, 4, 5, 21, 28
Y	H.R.	20M	II	1, 2, 4, 5, 7, 15, 21, 28
J	H.R.	25M	II	7, 9
K	H.R.	50M	II	8, 9
K12	H.R.	50M	I	1, 2, 4, 5, 15, 21, 28
Z	H.R.	75M	II	8, 9
Z12	H.R.	75M	I	21, 28
H.R.	100M	II	12, 15, 21, 28, 32, 37, 38	
H.R.	100M	II	7, 9	
UC-510	H.R.	100M	II	7, 9
UC-502	H.R.	150M	I	12, 15, 21, 28, 32, 37, 38
M	H.R.	250M	I	12, 15, 21, 28, 32, 37, 38
UC-509	H.R.	250M	II	7, 8, 9
UC-511†	H.R.	250M	I	12, 21, 32, 37, 38
N	H.R.	500M	I	12, 21, 32, 37, 38
UC-512†	H.R.	500M	I	12, 21, 32, 37, 38
UC-503	H.R.	750M	I	12, 21, 32, 37, 38
O	H.R.	1 Meg.	I	12, 21, 32, 37, 38
P	H.R.	2 Meg.	I	12, 21, 32, 37, 38
UC-504	H.R.	3 Meg.	I	12, 21, 32, 37, 38
UC-505	H.R.	4 Meg.	I	12, 21, 32, 37, 38
UC-506	H.R.	5 Meg.	I	12, 21, 32, 37, 38
UC-507	H.R.	5 Meg.	II	7, 9
UC-508	H.R.	9 Meg.	II	7, 9

List Price, \$1.00.  
YOUR PRICE, EACH ..... **59c**

## Universal Dual Controls

Control Number	Type	Resistance		Usual Circuit
		Front	Rear	
CE	W.W.	2,000	5,000	Ant. shunt +cathode bias
CG	W.W.	10,000	5,000	Ant. shunt & bias or screen con.
CGK	H.R.	10,000	50,000	Ant. shunt & screen control
LL	H.R.	100,000	100,000	Audio shunt cont. In P. P. circts
LM	H.R.	100,000	250,000	Tone compensation
MM	H.R.	250,000	250,000	Audio shunt cont. In P. P. circts
MN	H.R.	250,000	500,000	Audio shunt & tone compen con
NN	H.R.	150,000	500,000	

List Price, \$2.50.  
YOUR PRICE, EACH ..... **\$1.47**

## Attachable Switch



Fits all Yaxley Volume Controls. Easily attached. Listed as Standard by Underwriters' Laboratories. Code 6, switch depth 5/8" Code 9, switch depth 10".  
K12720—Code 6-S.P.S.T.  
K12721—Code 9-S.P.S.T.  
YOUR PRICE, EACH ..... **29c**  
K12722—Code 7-D.P.S.T.  
K12723—Code 8-S.P.D.T.  
YOUR PRICE, EACH ..... **35c**

## Aluminum Universal Extension Shafts



For use where longer shafts are required. Easily cut to proper length, 4" long. For 1/2" volume control shafts.  
RS-242—Dia. 1/4"; 3/8" flat.  
RS-243—Dia. 1/2"; 3/8" flat.  
RS-244—Dia. 3/4"; 3/8" flat.  
List Price, 30c.  
YOUR PRICE, EACH ..... **18c**

## Shafts for Remote Control Auto Radio Cables



Adapts universal volume controls for auto radio use. One end of extension shaft fits slotted or tongue type remote control cable end fittings and other end fastens securely on volume control shaft. Enclosed in tight fitting tube, 2" long.  
RS-245—Slotted type for tongue end fitting. Dia. 1/4"; 3/8" slot.  
RS-246—Tongue type for slotted end fitting. Tongue: 1/4" wide, 3/8" thick.  
List Price, 35c.  
YOUR PRICE, EACH ..... **21c**

## Extension Bushing



Permits mounting a any standard Yaxley Control 1/2" back from the panel. Slips over shaft and screws on volume control bushing. Other end threaded for fastening to panel with standard control nut.  
EB-247—List, 20c.  
YOUR PRICE ..... **12c**

## Hex Shoulder Nuts

I1260-2 For 1/4" Panel  
List Price, 20c.  
YOUR PRICE ..... **12c**  
I1260-12 For 1/2" Panels.  
List Price, 15c.  
YOUR PRICE ..... **9c**

## Adjustable Mounting Brackets

RB-248—1 3/4" centers.  
RB-249—2 1/2" centers.  
List Price, 20c  
YOUR PRICE, EACH ..... **12c**

## Volume Control Wrench

K12729—  
Your Price ..... **12c**  
Or Free with order for six controls.  
Threaded hole in wrench repairs marred or damaged threads on volume control. Tightens nuts "in close quarters." Fits control bushings and nuts.

## FREE! Yaxley Volume Control Guide

New Revised 1937 Edition  
K12454—

The most complete manual for Service Men ever published—the first that is authoritatively accurate. You need it to simplify your work. You need it to make your work more profitable. Over 150 pages. Size 8 1/2" x 5 1/2". Specify your copy of this Yaxley replacement manual on your next order.







# EXACT DUPLICATE ELECTROLYTIC REPLACEMENT CONDENSERS

**FULLY GUARANTEED**—Every condenser listed is of standard make and guaranteed quality. All are of new improved design and construction. These condensers have in most cases, a higher safety factor than the originals.

**FAST SERVICE ON ANY REPLACEMENT**—To secure replacement of a condenser not listed on these "Exact-Duplicate" pages, send the old unit to us along with the name and model number of the receiver. A duplicate will be shipped promptly.

**THEY FIT**—Mounting holes, color coded leads, capacities and voltages exactly like the original. Faithful duplications of every physical and electrical specification. No rewiring or redrilling necessary. Send your order to us for any replacement.

**APEX (U.S. RADIO)**  
**Model 5—Part #6201**  
 4-4-12 Mfd., 200 Volts  
 1 1/2" x 1 1/4" x 2 1/4" Fibre Box  
 K7270—List, \$2.10  
 Your Price..... 83c

**AIRLINE (SEE WELLS-GARDNER)**

**ATWATER-KENT**  
**Models 155 (1st, 2nd, 3rd)** #24602, 24955  
 8-8-8 Mfd., 150 Volts  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7271—List, \$1.65  
 Your Price..... 81c

**Model 275, 825**  
**Part Number 26158**  
 8-14-8 mfd., 150 V.  
 3 1/2" x 1 1/2" x 1 1/4" Rect. Can  
 K7272—List, \$2.00  
 Your Price..... 95c

**BELMONT (FRESHMAN)**  
**Part Number C-525-B**  
 5-25-5 Mfd., 100 Volts  
 2 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7275—List, \$1.75  
 Your Price..... 78c

**Part Number C-525-C**  
 5-25 Mfd., 100 Volts  
 2 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7276—List, \$1.40  
 Your Price..... 69c

**Part Number C-525-D**  
 5 Mfd., 100 Volts  
 2 1/2" x 1 1/4" Tub. Cartridge  
 K7277—List, 55c  
 Your Price..... 27c

**COLONIAL**  
**Part Number R-8053**  
 8-8-8 Mfd., 200 Volts  
 2 1/2" x 2 1/4" x 1 1/4" Fibre Box  
 K7279—List, \$1.90  
 Your Price..... 83c

**CROSLLEY**  
**Models 124, 125**  
**Part Number W23801**  
 6-8 Mfd., 450 Volts  
 4 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7281—List, \$1.45  
 Your Price..... 71c

**Part Number W-24779**  
 8 Mfd., 175 Volts  
 2 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7282—List, 75c  
 Your Price..... 36c

**Travette Models 95, 163**  
**Part Number W25857B**  
 8-8 Mfd., 25-200 Volts  
 1 1/2" x 1 1/4" x 2 1/4" Fibre Box  
 K7283—List, \$1.00  
 Your Price..... 49c

**Models 148, 167, Fiver**  
**Part Number W27488A**  
 8-6 Mfd., 25-300 Volts  
 1 1/2" x 1 1/4" x 2 1/4" Fibre Box  
 K7284—List, 95c  
 Your Price..... 47c

**Part 147**  
**Part Number W27677A**  
 8-8 Mfd., 100 Volts  
 2 1/2" x 1 1/4" Fibre Box  
 K7285—List, 85c  
 Your Price..... 44c

**Travette Models 99, 163, 400, 402**  
**Part Number W28068**  
 12 Mfd., 200 Volts  
 1 1/2" x 1 1/4" x 2 1/4" Fibre Box  
 K7286—List, 95c  
 Your Price..... 47c

**Models 164, 170, 171**  
**Pt. #W2907A and B**  
 8-8-8 Mfd., 450-450-250  
 1 1/2" x 5" Inv. Alum. Can  
 K7287—List, \$2.20  
 Your Price..... \$1.05

**Models 167, 169.**  
**Pt. Number W29150A and B**  
 6-7-8 Mfd., 450-400-25  
 1 1/2" x 3 1/4" Inv. Alum. Can  
 K7288—List, \$1.90  
 Your Price..... 88c

**Models 166, 172**  
**Part Number W29264A**  
 16-10-8 Mfd., 125-100-25  
 1 1/2" x 3 1/4" Rd. Fibre Cont.  
 K7289—List, \$2.00  
 Your Price..... 98c

**Crosley—Continued**  
**Part Number 29809**  
 8x8 Mfd., 250x25 V.  
 2 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7290—List, 95c  
 Your Price..... 56c

**Model 173, 173-5**  
**Part Number W30124**  
 16-16-8 Mfd., 100-125-125  
 1 1/2" x 4 1/4" Rd. Fibre Cont.  
 K7291—List, \$2.15  
 Your Price..... 98c

**Emmerson**  
**Models 20A, 25, 25**  
**Part Number HC-31**  
 4-4 Mfd., 200 Volts  
 1" x 1" x 2 1/4" Fibre Box  
 K7295—List, \$1.00  
 Your Price..... 44c

**Models 20A, 25, 25A**  
**Part Number HC-32**  
 5-5 Mfd., 35 Volts  
 1 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7299—List, 75c  
 Your Price..... 37c

**Model 32**  
**Part Number GGC-137**  
 8-16x5-5 Mfd., 150x25 V.  
 4" x 1 1/4" x 1" Fibre Box  
 K7297—List, \$2.10  
 Your Price..... \$1.00

**Part Number ZDC-203**  
 8-16 Mfd., 150 V.  
 2 1/2" x 2 1/4" Fibre Box  
 K7298—List, \$1.35  
 Your Price..... 71c

**GENERAL ELECTRIC**  
 See R.C.A. Cross Index Chart on page 00 for corresponding R.C.A. part numbers.

**GRUNOW**  
**Model 501, 550 Chas. 5B**  
**Part Number 27151**  
 4-8-20-4 Mfd., 25-150-150-150 Volts  
 1 1/2" x 2 1/4" x 1 1/4" Fibre Box  
 K7300—List, \$2.20  
 Your Price..... \$1.08

**Model 670, 671 Chas. 6D**  
**Part Number 30091-1**  
 8x8-8 Mfd., 47x5x50 V.  
 +12-12 Mfd., 25 V.  
 2 1/2" x 2 1/4" x 1 1/4" Fibre Box  
 K7301—List, \$3.25  
 Your Price..... \$1.57

**INTERNATIONAL KADETTE STANDARD**  
**Part Number A-407**  
 4-4 Mfd., 150 Volts  
 3" x 1 1/4" x 1 1/4" Fibre Box  
 K7304—List, \$1.00  
 Your Price..... 41c

**Part Number A-408**  
 5-5 Mfd., 35 Volts  
 1 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7305—List, 75c  
 Your Price..... 37c

**Model E519, E520, E525, E530, 60, 65, 80, 85**  
**Part Number A-412**  
 8-30 Mfd., 150 V.  
 4 1/2" x 1 1/4" Fibre Box  
 K7306—List, \$1.55  
 Your Price..... 76c

**KADETTE "F" JUNIOR**  
**Part Number A-426**  
 2-7 Mfd., 100 Volts  
 1 1/2" x 1 1/4" x 2 1/4" Fibre Box  
 K7307—List, 90c  
 Your Price..... 49c

**KADETTE "F" JUNIOR**  
**Part Number A-427**  
 3-5-3-5-3 Mfd., 100-100-25 Volts  
 4" x 1 1/4" x 2 1/4" Fibre Box  
 K7308—List, \$1.20  
 Your Price..... 59c

**Part #425, A-430**  
 4-10-10 Mfd., 150 Volts  
 2 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7309—List, \$1.70  
 Your Price..... 81c

**MAJESTIC**  
**Models 211, 214, 215, 221, 223, 251-B, 253-B, 254-B, 351, 353**  
**Part Number 4713**  
 8 Mfd., 450 Volts  
 1 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7312—List, 95c  
 Your Price..... 47c

**Models 15, 25, 150**  
**Part Number 4713D**  
 8-8 Mfd., 500 Volts  
 2 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7313—List, \$1.75  
 Your Price..... \$1.03

**Models 201, 203, 204**  
**Part Number 6277**  
 8-4-4 Mfd., 450 Volts  
 1 1/2" x 2 1/4" x 4 1/2" Rect. Alum. Can  
 K7314—List, \$2.50  
 Your Price..... 98c

**Models 291, 293, 294**  
**Part Number 7173**  
 8 Mfd., 450 Volts  
 1" x 1 1/4" x 1 1/4" Fibre Box  
 K7315—List, 95c  
 Your Price..... 47c

**Models 311, 314, 315**  
**Part Number 7824**  
 8-16 Mfd., 300 Volts  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7316—List, \$1.85  
 Your Price..... 81c

**Models 350, 381**  
**Part Number 8755**  
 4-8 Mfd., 450 Volts  
 1 1/2" x 1 1/4" x 4 1/4" Fibre Box  
 K7317—List, \$1.35  
 Your Price..... 55c

**Models 411, 411A, 413, 413A, Pt. #9661**  
 8-10-16 Mfd., 150-25-150  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7318—List, \$2.25  
 Your Price..... 79c

**Model 6CX Chassis 116A Auto Radio**  
**Part Number 9979**  
 8-8 Mfd., 350 Volts  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7319—List, \$1.45  
 Your Price..... 69c

**Models 40, 49, 194**  
**Chassis 440, Pt. #10536**  
 10-4-6 Mfd., 25-300-350  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7320—List, \$1.85  
 Your Price..... 83c

**Models 55, 59, 75, 195, 560, 595 Chassis 50**  
**Part Number 10827**  
 10-8 Mfd., 25-350-350  
 1 1/2" x 1 1/4" x 5 1/4" Fibre Box  
 K7321—List, \$1.95  
 Your Price..... 90c

**MUSIC MASTER COMMANDER, LIBERTY, UNIVERSAL**  
**Part Number 2013**  
 16-8x10-5 Mfd., 200x25  
 2 1/2" x 1 1/4" x 2 1/4" Fibre Box  
 K7325—List, \$1.95  
 Your Price..... 83c

**R.C.A. VICTOR**  
**Models R27, R17M, R18W M 105, 330, 331**  
**Pt. #3536 or 6513 (New)**  
 66140-2 (Old)  
 6-5 Mfd., 35 Volts  
 1 1/2" x 2 1/4" Tub. Cartridge  
 K7326—List, 75c  
 Your Price..... 37c

**Models R27, R17, R18W P. #3538 (New), 66140**  
 4-4 Mfd., 175 Volts  
 1" x 3 1/4" Tub. Cartridge  
 K7327—List, \$1.00  
 Your Price..... 49c

**Models R37, R38, R37P, R38, 120, Pt. #6487 (New), 66155 (Old)**  
 4-4x10-4 Mfd., 300x150  
 K7328—List, \$2.00  
 Your Price..... \$1.01

**R. C. A.—Continued**  
**Models M34, M105**  
**Pt. #6492 (New), 66140-4 (Old)**  
 3-6-1 Mfd., 100-200 V.  
 1 1/2" x 2 1/4" Tub. Cartridge  
 K7329—List, 80c  
 Your Price..... 39c

**Model 100-101**  
**Pt. #6661 (New), 66185-2 (Old)**  
 8-8x5-5 Mfd., 450-50  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7330—List, \$2.20  
 Your Price..... \$1.08

**Model 220-222**  
**Pt. #6691 (New), 66189-2 (Old)**  
 8-8x5-5 Mfd., 350-150-300-25 Volts  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7331—List, \$2.25  
 Your Price..... 93c

**Models 121, 122, 321**  
**Pt. #6703 (New), 66189-1 (Old)**  
 8-4-4 Mfd., 350-150-300  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7332—List, \$1.95  
 Your Price..... 81c

**Models R28, R28P, R28BW, RE40, RE40P, 110, 111, 115, 210, 310**  
**Pt. #7589 (New), 66143 (Old)**  
 4-4 Mfd., 150-450 V.  
 1 1/2" x 3 1/4" Fibre Box  
 K7333—List, \$1.05  
 Your Price..... 45c

**SPARTON**  
**Models 410, 589, 600, 931, etc. Pt. #B2327**  
 5-15 Mfd., 500 Volts  
 2 1/2" x 3 1/4" Up. Alum. Can  
 K7334—List, \$2.30  
 Your Price..... \$1.35

**Models 61, 62**  
**Part Number A-9550**  
 5-5-25 Mfd., 175 Volts  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7337—List, \$2.10  
 Your Price..... 98c

**STEWART-WARNER**  
**Models R111, R115**  
**Part Number 81959S**  
 4-5-9 Mfd., 150 Volts  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7338—List, \$1.40  
 Your Price..... 69c

**Part Number 81959**  
 4-13-7 Mfd., 150 Volts  
 3 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7339—List, \$1.95  
 Your Price..... 81c

**Models R112**  
**Part Number 83111**  
 8-8x5-5 Mfd., 250x25 V.  
 1 1/2" x 1 1/4" x 3 1/4" Fibre Box  
 K7340—List, \$2.15  
 Your Price..... 96c

**Part Number 83394**  
 12 Mfd., 150 Volts  
 1" x 1 1/4" x 2 1/4" Fibre Box  
 K7341—List, 85c  
 Your Price..... 39c

**UNITED MOTORS**  
**Part Number 26508B**  
 8-8x4 Mfd., 350-25 V.  
 1 1/2" x 1 1/4" x 2 1/4" Fibre Box  
 K7344—List, \$2.20  
 Your Price..... \$1.01

**Part Number 6201**  
 4-4-12 Mfd., 175 V.  
 2 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7345—List, \$1.70  
 Your Price..... 83c

**WELLS-GARDNER**  
**Models O5A, O5B, O5AA, O5BA**

**MONTGOMERY-WARD**  
**Altime Models 62-96, 62-98**  
**Part Number 30944**  
 4-12-16 Mfd., 150 Volts  
 2 1/2" x 1 1/4" x 1 1/4" Fibre Box  
 K7348—List, \$2.00  
 Your Price..... 94c

# Dry Electrolytic Condensers

## Guaranteed Quality—Best Brands—Standard Values

Dimensions given are close Approximations

Selected Quality Products built by Prominent Manufacturers to Radolek Laboratory Specifications. Fresh New Dry Electrolytic capacity units guaranteed for Full Capacity and Rated Voltage. Each type and size has been selected after careful test to have the lowest power factor, the greatest safety factor, and the longest life under extreme conditions.

Use these condensers exclusively. We believe that they are the very best available regardless of price. The full assortment of sizes and values will cover practically every replacement need. Refer to Radolek's three pages of Exact Duplicate Electrolytic condensers if the condenser required is not included on these pages.

### Standard Dry Electrolytics

In New Tab Type Fibreboard Cases  
450 D.C. Working Volts—550 D.C. V., Peak  
Moisture proof containers with mounting tabs on each end.  
1 Positive, 1 Negative, 6" Insulated Leads.

Cap. Mfd.	Container Overall Inches	Stock Number	List Price	Your Price	Ten For
2	2 1/2 x 1 1/2 x 3/4	K7010	\$0.65	\$0.26	\$2.47
4	4 1/2 x 1 1/2 x 3/4	K7011	.75	.30	2.85
6	4 1/2 x 1 1/2 x 3/4	K7012	.85	.34	3.23
8	4 1/2 x 1 1/2 x 3/4	K7013	.95	.38	3.61
12	4 1/2 x 1 1/2 x 3/4	K7014	1.20	.48	4.56
16	4 1/2 x 1 1/2 x 3/4	K7015	1.40	.56	5.32



### Midget Dry Electrolytics

In Fibreboard Containers  
450 D.C. Working Volts—550 D.C. V., Peak  
1 Positive, 1 Negative, 6" Insulated Leads.

Cap. Mfd.	Container Overall In.	Stock Number	List Price	Your Price	Ten For
1	2 1/2 x 1 1/2 x 3/4	K7050	\$0.50	\$0.20	\$1.50
2	2 1/2 x 1 1/2 x 3/4	K7051	.65	.26	2.47
4	2 1/2 x 1 1/2 x 3/4	K7052	.75	.30	2.85
6	2 1/2 x 1 1/2 x 3/4	K7053	.85	.34	3.23
8	2 1/2 x 1 1/2 x 3/4	K7054	.95	.38	3.61



### Dual and Triple Dry Electrolytics

In New Tab Type Fibreboard Cases  
450 D.C. Working Volts—550 D.C. V., Peak  
Dual condensers have 2 Positive and 2 Negative Leads.  
Triple condensers have 3 Positive and 3 Negative, 6" Insulated Leads.

Cap. Mfd.	Container Overall Inches	Stock Number	List Price	Your Price	Ten For
4-4	4 1/2 x 1 1/2 x 3/4	K7016	\$1.20	\$0.48	\$4.56
4-8	4 1/2 x 1 1/2 x 3/4	K7017	1.40	.56	5.32
8-8	4 1/2 x 1 1/2 x 3/4	K7018	1.50	.60	5.70
8-8-8	4 1/2 x 1 1/2 x 3/4	K7019	2.30	.92	8.47



### Midget Dual Dry Electrolytics

In Fibreboard Containers  
450 D.C. Working Volts—550 D.C. V., Peak  
2 Positive and 2 Negative, 6" Insulated Leads.

Cap. Mfd.	Container Overall In.	Stock Number	List Price	Your Price	Ten For
4-4	2 1/2 x 1 1/2 x 3/4	K7055	\$1.20	\$0.48	\$4.56
4-8	2 1/2 x 1 1/2 x 3/4	K7056	1.40	.56	5.32
8-8	2 1/2 x 1 1/2 x 3/4	K7057	1.50	.60	5.70



### Compact Dry Electrolytics

For Use as Filter Condensers in Voltage Doubler Circuits and Auto Sets

In Tiny Fibreboard Containers with Leads  
250 D.C. Working Volts—300 D.C. Peak Volts

Cap. Mfd.	Container Overall In.	Stock Number	List Price	Your Price	Ten For
4	2 1/2 x 1 1/2 x 3/4	K7022	\$0.65	\$0.26	\$2.47
8	2 1/2 x 1 1/2 x 3/4	K7023	.85	.34	3.23
12	2 1/2 x 1 1/2 x 3/4	K7024	1.05	.42	3.99
16	2 1/2 x 1 1/2 x 3/4	K7025	1.15	.46	4.37
20	2 1/2 x 1 1/2 x 3/4	K7026	1.25	.50	4.75
25	2 1/2 x 1 1/2 x 3/4	K7027	1.40	.56	5.32



150 D.C. Working Volts—175 D.C. Peak Volts

Cap. Mfd.	Container Overall Inches	Stock Number	List Price	Your Price	Ten For
4	2 1/2 x 1 1/2 x 3/4	K7028	\$0.50	\$0.20	\$1.50
8	2 1/2 x 1 1/2 x 3/4	K7029	.70	.28	2.66
12	2 1/2 x 1 1/2 x 3/4	K7030	.85	.34	3.23
16	2 1/2 x 1 1/2 x 3/4	K7031	.95	.38	3.61

### 2, 3 and 4-Section Dry Electrolytics

In New Tab Type Fibreboard Containers 6" Long Insulated Leads  
These condensers are identical in every way to the units used in a wide variety of standard receivers.

Cap. Mfd.	Peak Volts	No. Leads	Container Overall In.	Stock No.	List Price	Your Price	Ten For
8-8	200	4	2 1/2 x 1 1/2 x 3/4	K7060	\$1.25	\$0.50	\$4.75
8-16	200	4	2 1/2 x 1 1/2 x 3/4	K7061	1.45	.58	5.51
16-16	200	4	2 1/2 x 1 1/2 x 3/4	K7062	1.75	.70	6.65
8-8-8	200	4	2 1/2 x 1 1/2 x 3/4	K7063	1.80	.72	6.84
8-8-16	175	4	2 1/2 x 1 1/2 x 3/4	K7064	1.65	.66	6.33
20-12-8	200	4	2 1/2 x 1 1/2 x 3/4	K7066	2.90	.76	7.22
14-8x10-10	200x35	6	2 1/2 x 1 1/2 x 3/4	K7067	2.00	.80	7.60
16-12x5-5	200x35	6	2 1/2 x 1 1/2 x 3/4	K7068	2.25	.90	8.55
16-12x10-10	200x35	6	2 1/2 x 1 1/2 x 3/4	K7069	2.40	.96	9.12
8-16x10-10	175x35	6	2 1/2 x 1 1/2 x 3/4	K7070	2.40	.96	9.12
8-12x5-5	175x35	5	2 1/2 x 1 1/2 x 3/4	K7071	1.90	.76	7.22
20-8x5-5	200x35	5	2 1/2 x 1 1/2 x 3/4	K7072	2.25	.90	8.55

Note: All 6 lead condensers have two negative leads which are common to each dual section. All 4 and 5 lead condensers have only one negative lead common to all sections.



### Dry Electrolytics in Tubular Fiber Case

With Flush Lug-Type Mounting  
Moisture proof tough fiber board tubular containers sealed with high melting resin compound. Stranded flexible 6 inch leads with high voltage insulation. Leads timed for easy soldering. Lug type mounting studs riveted flush with sides of container. Mounting centers are 1 1/2" on the 1 1/2" diameter can and 1 3/4" on the 1 3/4" diameter can.

Cap. Mfd.	Peak Volts	Dimensions Diam. Ht.	Stock Number	List Price	Your Price	Ten For
4-8	500	1 1/2 x 4 1/2	K7035	1.35	.54	5.13
8-8	500	1 3/4 x 4 1/2	K7036	1.50	.60	5.70



### Dry Electrolytics In Tubular Cardboard Cases

Tubular Cardboard Cases—1 1/2" Solid Tinned Copper Leads  
For Filtering—Audio Frequency—C Bias—By-Passing

Cap. Mfd.	Peak Volts	Container Overall In.	Stock Number	List Price	Your Price	Ten For
5	35	1 1/2 x 3/4	K7073	\$0.40	\$0.16	\$1.52
10	75	1 1/2 x 3/4	K7074	.50	.20	1.90
5	35	1 1/2 x 3/4	K7075	.50	.20	1.90
10	75	1 1/2 x 1	K7076	.55	.22	2.09
20	75	2 x 1	K7077	.60	.24	2.28
20	75	2 1/2 x 1 1/2	K7078	.65	.26	2.47
25	35	2 1/2 x 1 1/2	K7079	.70	.28	2.66
25	75	2 1/2 x 1 1/2	K7080	.75	.30	2.85
4	175	2 1/2 x 3/4	K7081	.50	.20	1.90
8	175	2 1/2 x 3/4	K7082	.65	.26	2.47
12	175	2 1/2 x 3/4	K7083	.85	.34	3.23
16	175	2 1/2 x 1	K7084	.95	.38	3.61
1	600	2 1/2 x 1 1/2	K7085	.55	.22	2.09
2	600	2 1/2 x 1 1/2	K7086	.65	.26	2.47
4	600	2 1/2 x 1 1/2	K7087	.75	.30	2.85
8	600	2 1/2 x 1 1/2	K7088	.95	.38	3.61
5-5	50	2 1/2 x 3/4	K7089*	.75	.30	2.85
10-10	50	2 1/2 x 3/4	K7090*	.75	.30	2.85

\*Tubular containers with mounting tabs at both ends.

### Low Voltage Dry Electrolytics

Two, Three and Four Sections

Cap. Mfd.	Container Overall Inches	Stock Number	List Price	Your Price	Ten For	
16-12	200	1 1/2 x 4 1/2	K7037	\$1.75	\$0.70	\$6.65
20-10-4	200	1 1/2 x 4 1/2	K7038	1.95	.78	7.41
20-12-8	200	1 1/2 x 4 1/2	K7039	2.25	.90	8.55
16-5-5	200	1 1/2 x 4 1/2	K7040	2.10	.84	7.98
16-8-10-10	200	1 1/2 x 4 1/2	K7041	1.95	.78	7.41
16-12-10-10	200	1 1/2 x 4 1/2	K7042	2.25	.90	8.55

Note: Two, three and four section condensers have separate negative leads for each individual section.



### Compact Dry Electrolytics

In Rectangular Fibreboard Containers  
450 D.C. Working Volts—550 D.C. V., Peak  
Moisture proof containers with soldering lug terminals—

Cap. Mfd.	Container Overall Inches	Stock Number	List Price	Your Price	Ten For
2	2 1/2 x 3/4 x 3/4	K7045	\$0.60	\$0.24	\$2.28
4	2 1/2 x 1 x 1	K7046	.75	.30	2.85
8	3 1/2 x 1 x 1	K7047	.95	.38	3.61



### Voltage Doubling Dual Sections

Fibreboard Cases—175 Volt D.C. Peak

Especially designed and matched for voltage doubling circuits employing 2525 or similar type tubes. 4 leads, 2 pos., and 2 neg. leads. Flexible 6 inch insulated wire leads.

Capacity Sections	Container Size	Stock Number	List Price	Your Price	Ten For
8-8	2 1/2 x 1 1/2 x 1 1/2	K7095	\$1.40	\$0.56	\$5.32
12-12	2 1/2 x 1 1/2 x 1 1/2	K7096	1.50	.60	5.70
16-16	2 1/2 x 1 1/2 x 1 1/2	K7097	1.80	.72	6.84
20-20	2 1/2 x 1 1/2 x 1 1/2	K7098	2.00	.80	7.60



# Dry Electrolytic Condensers

## Guaranteed Quality—Standard Brands—Best Values

### Aluminum Case Inverted Stud Mounting



450 D.C. Working Volts—550 D.C. Volts Peak  
Hermetically sealed. Unaffected by temperature. For single 3/8" hole mounting. Anode projects through threaded insulated terminal. Container negative.

Cap. Mfd.	Dimensions Diam. Ht.	Stock Number	List Price	Your Price	Ten For
6	1 1/2 x 3 1/2	K7105	\$1.00	\$0.40	\$3.80
8	1 1/2 x 3 1/2	K7106	1.05	.42	3.99
12	1 1/2 x 4 1/4	K7107	1.40	.56	5.32

**Dual Sections—Container Common Negative**  
Two Positive lug terminals project from insulated nipple.

Cap. Mfd. at Anodes	Total Cap.	Container Size Inches	Stock Number	List Price	Your Price	Ten For
8-8	16	1 1/2 x 4 1/4	K7108	\$1.80	\$0.72	\$6.84

### All-Purpose Dry Electrolytic, Aluminum Case

450 D.C. Working Voltage—550 D.C. Volt Peak—Container and Leads Insulated  
Both positive and negative leads are brought out through insulated threaded nipple. If grounded container is required Neg. lead may be soldered to chassis. For single 3/8" hole Mtg. Locknut for clamping to chassis.



Cap. Mfd.	Dimensions Diam. Ht.	Stock Number	List Price	Your Price	Ten For
4	1 1/2 x 2 1/2	K7109	\$0.85	\$0.34	\$3.23
8	1 1/2 x 3 1/2	K7110	1.05	.42	3.99
12	1 1/2 x 4 1/4	K7111	1.40	.56	5.32

**Dual Sections—Container Insulated**  
Four insulated leads: two positive, two negative

Cap. Mfd. at Anodes	Total Cap.	Container Size Inches	Stock Number	List Price	Your Price	Ten For
4-4	8	1 1/2 x 4 1/4	K7112	\$1.30	\$0.52	\$4.94
6-6	12	1 1/2 x 4 1/4	K7113	1.50	.60	5.70
8-8	16	1 1/2 x 4 1/4	K7114	1.80	.72	6.84

### Dry Electrolytics in Round Metal Cases

**With Flush Lug-Type Mounting Screws**

Round aluminum container with lug type 6/32 mounting studs. Container insulated. Six inch flexible leads. Mounting centers are 1 1/4" on the 1 1/2" diameter can and 1 3/8" on the 1 1/2" diameter can.

450 D.C. Working Volts—500 D.C. Peak Volts

Cap. Mfd.	Peak Volts	Dimensions Diam. Ht.	Stock Number	List Price	Your Price	Ten For
8	500	1 1/2 x 1 1/4	K7118	\$1.05	\$0.42	\$3.99
4-8	500	1 1/2 x 1 1/4	K7119	1.45	.58	5.51
8-8	500	1 1/2 x 1 1/4	K7120	1.80	.72	6.84

### Multiple Dry Electrolytics—Metal Containers

**Rectangular Metal Containers**

450 D.C. Working Volts—550 D.C. V. Peak  
Dual condensers have 2 positive and 2 negative leads. Triple condensers have 3 positive and 3 negative leads.

Cap. Mfd.	Total Cap.	Dimensions L. W. D.	Stock Number	List Price	Your Price	Ten For
8-8	16	4 3/4 x 1 1/2 x 1 1/2	K7123	\$1.80	\$0.72	\$6.84
8-8-8	24	4 3/4 x 1 1/2 x 1 1/2	K7124	2.70	1.08	10.26

### New One-Inch Diameter Aluminum Cases

**Compact for Small Receivers**

450 D.C. Working Volts 550 Volts D.C. Peak

Container Negative

For use where mounting space is limited. The one-inch diameter containers will fit most midgeet and compact receivers. Inverted container for single 3/8" hole mounting. Container negative. Positive lug terminal.



Cap. Mfd.	Container Size Inches	Stock Number	List Price	Your Price	Ten For
2	1 x 2 1/2	K7126	\$0.75	\$0.30	\$2.85
6	1 x 4 1/4	K7127	1.00	.40	3.80
8	1 x 4 1/4	K7128	1.05	.42	3.99

# Exact Duplicate Replacement Condenser Blocks

## Fully Guaranteed — Only New High Quality Materials Used

### For ATWATER KENT Condenser Blocks

Models 37 and 38 Including Chokes  
K8450—YOUR PRICE \$2.94

Contains 3 mfd. filter block and 3 chokes, two high voltage filter chokes and one speaker choke. Six color coded insulated 6" leads and ground terminal. Size 5 1/4 x 3 1/4".

Models 55, 55C, 60, 60C Condenser Assembly  
Part Number 14340

Total 8.2 mfd. 7 terminals. Container size 3 1/2 x 3 1/2 x 2 3/4 inches.  
K8451—List Price, \$7.19.  
YOUR PRICE \$3.10

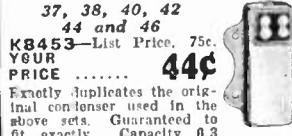
Part No. 9497 for Models 37, 38, 39, 40, 42, 46, 52

25-25-25 mfd. bypass condenser size 3 1/2 x 3 1/4. Three leads.  
K8452—List, \$1.50.  
YOUR PRICE 59¢

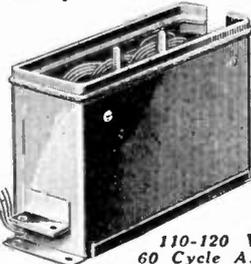
Speaker By-Pass Condenser  
A.K. Part Number 14902

For Models 37, 38, 40, 42, 44 and 46  
K8453—List Price, 75c.  
YOUR PRICE 44¢

Exactly duplicates the original container used in the above sets. Guaranteed to fit exactly. Capacity 6.3 mfd., 450 volts. Size overall 3 1/4" high, 1 1/4" wide, 5/8" thick. Mounting flange extends 1/2" from side of metal case and has 1 1/2" mounting centers. Condenser is thoroughly sealed in a metal case.



### For ATWATER KENT Exact Duplicate Complete Power Pack



110-120 V. 60 Cycle A.C.  
No refitting or redrilling necessary to install these exact Duplicate Power Units. They match the electrical and physical specifications of the original in every detail. Includes: power transformer, chokes and condensers in a strong durable enameled metal container. Diagram supplied.

For Models 40, 40F, 42, 42F, 44, 44F, 45, 52, 56 and 57.  
K8454—List, \$16.88.  
YOUR PRICE \$8.85

K8455—Condenser only for the above complete power pack.  
List, \$3.00.  
YOUR PRICE \$1.47

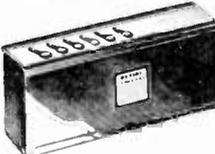
For Models 43, 46, 47, and 53 Complete Power Pack  
Power Transformer, Condenser, Choke and output transformer.

K8456—List, \$20.88.  
YOUR PRICE \$10.80

K8457—Condenser only for the above complete assembly. List, \$6.06.  
YOUR PRICE \$3.50

### For MAJESTIC Condenser Blocks

Models 7P6, 8P6, 9P6



Exact duplicate Majestic replacement condenser blocks. Built to the original specifications they fit exactly and will give better service due to increased safety factors. All terminals plainly marked.

Part No. 7P6 for Model 70  
Total 9 mfd. Five lug terminals. Container 9 1/2 x 2 1/4 inches.  
K8461—List, \$9.00.  
YOUR PRICE \$1.74

Part No. 8P6 for Model 180  
8P3 and 8P6 Power Packs  
Total 9 mfd. Six lug terminals. Container 9 1/2 x 2 1/4 inches.  
K8462—List, \$12.00.  
YOUR PRICE \$2.95

Part No. 9P6 for Model 90  
Total 7 mfd. Six lug terminals. Container 9 1/2 x 2 1/4 inches.  
K8463—Supplied with resistors in place of chokes.  
YOUR PRICE \$1.85

K8464—Supplied with chokes—see Juces num.  
YOUR PRICE \$3.27

90B and 100B  
Total 7 mfd. Five leads. Container size 6 1/2 x 4 1/2 x 2 1/4 inches.  
K8465—YOUR PRICE \$2.75

### For SPARTON Condenser Blocks

Model 930  
Exact duplicate of the original part used in the Model 930 Sparton receivers. Total capacity 6.1 mfd. Individual sections: 3-1 mfd., 1-2 mfd., 1-1 mfd., 1-1 mfd. All 600 volt. Leads are insulated and color coded exactly like those on the original part. Dimensions 5 1/4" high, 3 1/2" wide, 2 1/2" deep. New mechanism and fully guaranteed.  
K8468—YOUR PRICE \$3.95

Models AC69A, 79A, 89, and 78A

Total capacity 7 1/4 mfd. 8 color coded 10" leads. Dimensions: 5 1/4" high, 3 1/2" wide, 2 1/2" deep. 2 1/2" mounting lug centers.  
K8469—YOUR PRICE \$4.25

Model 89A  
Total 6 mfd. Five leads. Container size 4 3/4 x 1 1/2 x 1 1/2 inches.  
K8470—List, \$12.00.  
YOUR PRICE \$3.70

By Pass Condensers

Exact replacement for Sparton receivers—2 3/4" long—1 1/4" diameter. Bracket on end for 5/8" screw. Mounting lug with slot at side. Fibre case with hermetically sealed ends. Paper and foil type. 1928-31 models.  
Working Volts 600

Stock Number Cap. Mfd. Price Each Ten For

K7265 .25 26c \$2.46

K7266 .5 29c 2.75

K7267 1.0 31c 2.94



### Fast Service On All Replacements

If the condenser you desire is not included in our listing, send set name, model and part number or old unit and all available information. Quick shipment of a duplicate will be made at the lowest price for high quality new merchandise. Old unit will not be returned unless requested.

# MALLORY ELECTROLYTIC and

## YAXLEY-MALLORY PRODUCTS

### Midget Dry Electrolytics Cardboard Containers



Extremely small. Ideal for replacement work. Internal metal seal effectively protects against changes in characteristics due to varying humidity and the high temperatures often encountered in midget and auto receivers. Metal mounting flanges are provided on all units except smallest size. Flanges may be pushed under various parts on chassis, bent out of way when necessary, or soldered to the chassis. 3" stranded push back insulated wire leads.

#### Single Sections

250 D.C. Wkg. V.—300 D.C. Peak Volts

Stock Num.	Code Num.	Cap. Mfd.	Size	List Price	Your Price
K7400	CS121	4	2 1/2 x 1 1/2 x 1 1/2	\$0.65	37c
K7401	CS123	8	2 1/2 x 1 1/2 x 1 1/2	.80	47c
K7402	CS124	10	2 1/2 x 1 1/2 x 1 1/2	.95	56c
K7403	CS125	12	2 1/2 x 1 1/2 x 1 1/2	1.10	59c
K7404	CS126	16	2 1/2 x 1 1/2 x 1 1/2	1.00	65c

450 Wkg. Volts—525 D.C. Peak Volts

K7405	CS130	2	2 1/2 x 1 1/2 x 1 1/2	.65	37c
K7406	CS131	4	2 1/2 x 1 1/2 x 1 1/2	.75	44c
K7407	CS132	6	2 1/2 x 1 1/2 x 1 1/2	.90	53c
K7408	CS133	8	2 1/2 x 1 1/2 x 1 1/2	.95	56c
K7409	CS134	10	2 1/2 x 1 1/2 x 1 1/2	1.15	67c
K7410	CS135	12	2 1/2 x 1 1/2 x 1 1/2	1.30	76c

### Dual and Triple Sections Common Negative Terminal

250 D.C. Wkg. V.—300 D.C. Peak Volts

K7411	CS140	4-4	3x1 1/2 x 1 1/2	\$0.90	53c
K7412	CS141	6-6	3x1 1/2 x 1 1/2	1.15	67c
K7413	CS142	8-8	3x1 1/2 x 1 1/2	1.30	76c
K7414	CS145	8-8-8	3x1 1/2 x 1 1/2	1.95	\$1.15

450 D.C. Wkg. V.—525 D.C. Peak Volts

K7415	CS150	4-4	3x1 1/2 x 1 1/2	1.20	71c
K7416	CS151	4-8	3x1 1/2 x 1 1/2	1.35	79c
K7417	CS152	6-8	3x1 1/2 x 1 1/2	1.50	88c
K7418	CS155	8-8-8	3x1 1/2 x 1 1/2	2.20	\$1.29

### Dual and Triple Sections Dual 4 Leads, Triples 6 Leads

250 D.C. Wkg. V.—300 D.C. Peak Volts

K7419	CS160	4-4	3x1 1/2 x 1 1/2	\$0.90	53c
K7420	CS161	4-8	3x1 1/2 x 1 1/2	1.15	67c
K7421	CS162	8-8	3x1 1/2 x 1 1/2	1.30	76c
K7422	CS165	8-8-8	3x1 1/2 x 1 1/2	1.95	\$1.15

450 D.C. Wkg. V.—525 D.C. Peak Volts

K7423	CS170	4-4	3x1 1/2 x 1 1/2	1.20	71c
K7424	CS171	4-8	3x1 1/2 x 1 1/2	1.35	79c
K7425	CS172	6-8	3x1 1/2 x 1 1/2	1.50	88c
K7426	CS175	8-8-8	3x1 1/2 x 1 1/2	2.20	\$1.29

### Standard Dry Electrolytic Cardboard Containers



Original large size condensers for use on early model receivers. Encased in rectangular fibre

box with 6" long insulated leads.

450 D.C. Wkg. V.—525 D.C. Peak Volts

#### Single Sections

Stock Num.	Code Num.	Cap. Mfd.	Size	List Price	Your Price
K7427	14450	4	4 1/2 x 1 1/2 x 1 1/2	\$0.75	44c
K7428	18450	8	4 1/2 x 1 1/2 x 1 1/2	.95	56c

#### 4 Lead Dual Sections

K7429	148450	4-8	4 1/2 x 1 1/2 x 1 1/2	1.35	79c
K7430	188450	8-8	4 1/2 x 1 1/2 x 1 1/2	1.50	88c

### Dry Electrolytic Round Can By-Pass Units

10-10 mfd.—50 D.C. Wkg. Volts

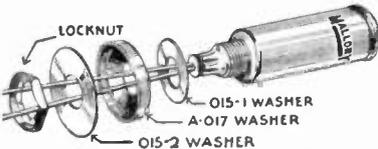
75 D.C. Peak Volts



Aluminum container is common negative to both sections. Size, 1 1/2" x 1" diameter. K7431—Code BN225. Plain Alum. Can. List Price, 95c. **YOUR PRICE 56c**

K7432—Code BN226. With 3/8" stud and bracket for mounting. List Price, \$1.00. **YOUR PRICE 59c**

### Dry Electrolytic Round Can Filter Units



Modern in construction. Reduced size. Special hardware listed on this page enables these condensers to be mounted in any of five popular types of mounting. 8" stranded push-back insulated and color coded wire leads. Aluminum can containers, supplied with locknut and flat washer. Use type B RM when common positive unit is desired by connecting positive leads together.

#### Single Section

250 D.C. Wkg. V.—300 D.C. Peak Volts

Stock Num.	Code Num.	Cap. Mfd.	Size	List Price	Your Price
K7440	RS201	4	2 1/2 x 1	\$0.75	44c
K7441	RS203	8	2 1/2 x 1	.95	56c
K7442	RS205	12	2 1/2 x 1	1.10	65c

450 D.C. Wkg. V.—525 D.C. Peak Volts

K7443	RS211	4	2 1/2 x 1	0.85	50c
K7444	RS213	8	2 1/2 x 1	1.05	62c
K7445	RS215	12	3x1	1.40	82c

### Dual and Triple Sections Common Negative Terminal Duals-3 Leads—Triples-4 Leads

250 D.C. Wkg. V.—300 D.C. Peak Volts

K7446	RN231	4-8	3x1	\$1.30	76c
K7447	RN232	8-8	3x1	1.45	85c
K7448	RN235	8-8-8	3x1 1/2	2.10	\$1.24

450 D.C. Wkg. V.—525 D.C. Peak Volts

K7449	RN241	4-8	3x1	1.45	85c
K7450	RN242	8-8	3x1 1/2	1.60	94c
K7451	RN245	8-8-8	3 1/2 x 1 1/2	2.30	\$1.35

### Dual and Triple Sections Duals-4 Leads—Triples-6 Leads

250 D.C. Wkg. V.—300 D.C. Peak Volts

K7452	RM251	4-8	3x1 1/2	\$1.30	76c
K7453	RM252	8-8	3x1 1/2	1.45	85c
K7454	RM255	8-8-8	3 1/2 x 1 1/2	2.10	\$1.24
K7455	RM257	8-16	3 1/2 x 1 1/2	2.35	1.38
K7456	RM259	8-16-16	3 1/2 x 1 1/2	2.60	1.53

450 D.C. Wkg. V.—525 D.C. Peak Volts

K7457	RM261	4-8	3x1 1/2	1.45	85c
K7458	RM262	8-8	3x1 1/2	1.60	94c
K7459	RM265	8-8-8	4x1 1/2	2.30	\$1.35

### Wet Electrolytic

#### Stud Mounting Condensers

Improved units. Container is negative, lug terminal is positive. Use special washer when mounting 1" can in 1 1/2" clamp. For vertical mounting.

475 D.C. Working Volts

Stock Num.	Code Num.	Cap. Mfd.	Size	List Price	Your Price
K7460	WE447	4	3 1/4 x 1	\$0.80	47c
K7461	WE847	8	4 1/4 x 1	.95	56c
K7462	WE1647	16	4 1/4 x 1 1/2	1.15	67c
K7463	WE1647	16	4 1/4 x 1 1/2	1.35	76c
K7464	WE1847	18	4 1/4 x 1 1/2	1.50	88c
K7465	WE3540	35	4 1/4 x 1 1/2	1.75	\$1.03

400 D.C. Working Volts

### Mounting Accessories



K7570—Code A016. Terminal Connector. Permits use of condensers with leads wherever lug type condensers were originally used. **YOUR PRICE, 10 for 29c**

K7571—Code A-017. For use in replacing a clamp mounted unit with a 1" diameter round can condenser. **YOUR PRICE, 10 for 29c**

K7572—Code O15-1. For mounting 1" round can units with 5/8" or 3/4" necks in 7/8" holes. (This washer is supplied with all stud mounting condensers.) **YOUR PRICE, 10 for 29c**

K7573—Code O15-2. For mounting 1" and 1 1/2" round can stud mounting condensers in place of stud bolt mounting condensers. **YOUR PRICE, Either type, 10 for 18c**

### "Special Universal" Dry Electrolytics

Designed to eliminate the necessity of keeping on hand exact duplicate replacement condensers for the receivers.

8-8 Mfd., 250-350 Wkg. Volts

K7470—Code UR189. Cardboard carton. Size: 2 1/2" x 2 1/2" x 2 1/2". Suggested replacement in Crosley Models 95, 96, 98, 99, 102, 129-1, 130, 130-1, 132, 132-1, 134, 136-1, 146-1, 148, 154, 157, 158, 160, 163, 167, 169, 176.

List Price, \$1.30. **YOUR PRICE 76c**

3-2-1-1 Mfd., 450 Wkg. Volts

K7471—Code UR181—Round aluminum container. Size: 2 3/4" x 1 1/2". Suggested replacement in Philco Models 16, 17, 18, 116, 118, 200, 201, 640, 650, 659, 680. List Price, \$2.40. **YOUR PRICE \$1.24**

5-25-10 Mfd., 150 Wkg. Volts

K7472—Code UR182. Size: 1 1/2" x 1 1/2" x 2 1/2". Suggested replacement in the following models: Belmont 53, 425, 440, 525, 530, 540, 625, 650; Emerson H5, 39AW, 39AW, 53AW, 53AW, 59AW, 321AW, 350AW, 300AW, 331AW, 250LW, 321LW, 350LW; Grunow 5B, 501, 550; Sears 7114; Wells Gardner 05A, 5B; Zenith 701, 702, 801. List Price, \$1.95. **YOUR PRICE \$1.15**

4-4-4 Mfd., 150 Wkg. Volts

K7473—Code UR183—Cardboard carton. Size: 2 3/4" x 1 1/2". Suggested replacement in Kadette Jr. 83c. List Price, \$1.35. **YOUR PRICE 79c**

8-8-8 Mfd., 200 Wkg. Volts

K7474—Code UR188. Round aluminum cardboard tube with anode mounting lugs. Size: 1 1/2" x 3 3/4" high. List Price, \$2.50. **YOUR PRICE \$1.47**

8-8-8 Mfd., 200 Wkg. Volts

K7475—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

Note: In order to make the above two condensers universal in application, a carefully selected internal circuit has been adopted. Two of the 8 mfd. sections are common cathode, the third being entirely separate, so that common positive or common negative application may be served. In paralleling two 8 mfd. sections, they may be used to replace 8, 16, 4-12, 8-12, 5-20 and other capacity combinations. The two 5 mfd. low voltage sections may be paralleled for a 10 mfd. section where required.

8-8-8 Mfd., 200 Wkg. Volts

K7476—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7477—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7478—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7479—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7480—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7481—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7482—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7483—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7484—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7485—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7486—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7487—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7488—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7489—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7490—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7491—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7492—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7493—Code UR189. Cardboard carton. Size 1 1/2" x 1 1/2" x 3". List Price, \$2.50. **YOUR PRICE \$1.47**

5-5 Mfd., 25 Wkg. Volts

K7494—Code UR189

# PAPER CONDENSERS MALLORY

## YAXLEY-MALLORY PRODUCTS

### Oil Filled Tubular Condensers

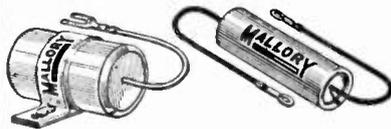
**Paper Dielectric**  
Will withstand severe service. For use with vibrators or any high voltage circuit. Non-inductively wound, oil impregnated



and oil filled. Securely sealed.

2000 Working Volts					
Stock Num.	Code Num.	Cap. Mfd.	Size Inches	List Price	Your Price
K7500	OT458	.0025	1 3/4 x 3/4	55¢	32c
K7501	OT159	.005	1 3/4 x 3/4		
K7502	OT460	.0075	1 3/4 x 3/4		
K7503	OT461	.01	1 3/4 x 3/4		
K7504	OT462	.0125	2 1/4 x 3/4		
K7505	OT463	.015	2 1/4 x 3/4	60¢	35c
K7506	OT464	.02	2 1/4 x 3/4		
K7507	OT465	.03	2 1/4 x 3/4	65¢	38c
K7508	OT466	.04	2 1/4 x 3/4	70¢	41c
K7509	OT467	.05	2 1/4 x 3/4	75¢	44c

### Auto Generator Suppressor Condensers

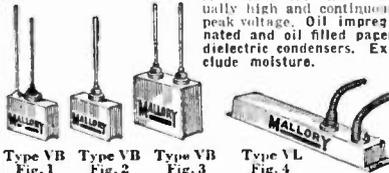


Will withstand high temperatures and unusual vibration. Paper dielectric. Round metal container with insulated leads. Type AM has insulated case with two flexible leads; Type AG has common case with flange mounting.

200 D.C. Working Volts					
Stock Num.	Code Num.	Cap. Mfd.	Size Inches	List Price	Your Price
K7515	AG451	.5	2 1/4 x 3/4	50¢	29c
K7516	AG452	1.0	2 1/4 x 3/4	75¢	44c
K7517	AM454	.5	2 1/4 x 3/4	45¢	27c

### Auto Vibrator Condensers

Withstands heat, excessive vibration, and unusually high and continuous peak voltage. Oil impregnated and oil filled paper dielectric condenser. Exclude moisture.



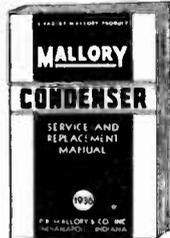
Type VB Fig. 1 Type VB Fig. 2 Type VB Fig. 3 Type VL Fig. 4  
1600 Working Volts

Stock Num.	Code Num.	Cap. Mfd.	Size Inches	Fig.	Your Price
K7525	VB470	.0075	3 x 2 3/4 x 3/4	1	26c
K7526	VB471	.01	3 x 2 3/4 x 3/4	1	26c
K7527	VB472	.0125	3 x 2 3/4 x 3/4	1	35c
K7528	VB473	.015	3 x 2 3/4 x 3/4	2	35c
K7529	VB474	.02	3 x 2 3/4 x 3/4	2	35c
K7530	VB475	.03	3 x 2 3/4 x 3/4	2	44c
K7531	VB476	.04	1 1/2 x 1 1/2 x 3/4	1	44c
K7532	VB477	.05	1 1/2 x 1 1/2 x 3/4	3	50c

K7533—Code VL478. Capacity .01 Mfd., 2000 Wkg. Volts. Fig. 4. List Price, 95c. **56¢**

### Mallory Condenser Service Replacement Manual

Specifies exactly what standard Mallory units to use for making replacements in practically any receiver. Receiver manufacturer names are listed alphabetically with the set model numbers in numerical order along with the original part number or the value of the original condenser. Installation instructions are included for almost every model listed. Most valuable general information.

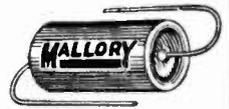


K12455—With order for Mallory condensers. **YOUR PRICE FREE!**

### Tubular Bypass Condensers

Paper Dielectric

Safely rated. Non-inductively wound. Low impedance on t a c between unit and leads. Durable cardboard container. Metal end discs insure good contact and eliminate possibility of open circuits. Thoroughly impregnated under high vacuum, oil treated, and completely filled with special high temperature moisture-resisting compound.



600 D.C. Working Volts					
Stock Num.	Code Num.	Cap. Mfd.	Size Inches	Your Price	
K7540	TP401	.0001	1 1/2 x 3/4	<b>9c</b>	
K7541	TP402	.00025	1 1/2 x 3/4		
K7542	TP403	.0005	1 1/2 x 3/4		
K7543	TP404	.001	1 1/2 x 3/4		
K7544	TP405	.002	1 1/2 x 3/4		
K7545	TP408	.005	1 1/2 x 3/4		
K7546	TP409	.006	1 1/2 x 3/4		
K7547	TP410	.01	1 1/2 x 3/4		
K7548	TP412	.02	1 1/2 x 3/4		
K7549	TP415	.05	1 1/2 x 3/4		<b>12c</b>
K7550	TP416	.06	1 1/2 x 3/4		
K7551	TP418	.1	2 1/4 x 3/4		15c
K7552	TP420	.25	2 1/4 x 3/4	21c	
K7553	TP432	.5	2 1/4 x 3/4	29c	

400 D. C. Working Volts					
Stock Num.	Code Num.	Cap. Mfd.	Size Inches	Your Price	
K7554	TP421	.01	1 1/2 x 3/4	<b>9c</b>	
K7555	TP423	.02	1 1/2 x 3/4		
K7556	TP426	.05	1 1/2 x 3/4		
K7557	TP428	.1	1 1/2 x 3/4	12c	
K7558	TP430	.25	2 1/4 x 3/4	15c	
K7559	TP431	.5	2 1/4 x 3/4	21c	

200 D. C. Working Volts					
Stock Num.	Code Num.	Cap. Mfd.	Size Inches	Your Price	
K7560	TP436	.05	1 1/2 x 3/4	<b>9c</b>	
K7561	TP438	.1	1 1/2 x 3/4		
K7562	TP440	.25	1 1/2 x 3/4	15c	
K7563	TP441	.5	2 1/4 x 3/4	21c	
K7564	TP443	.1	2 1/4 x 3/4	29c	

## BARGAIN Electrolytic Condensers

### Single, Dual and Triple Dry Electrolytic Condensers

Moisture proof cardboard containers with mounting tabs and 6" long insulated leads. All dual section condensers have 4 wire leads. Triple section condensers have 6 wire leads. Small compact condensers adaptable to practically any repair job.

550 D.C. Peak Volts  
450 D.C. Working Volts

Cap. Mfd.	Container L. W. D.	Stock Number	Your Price	Ten For
2	3 1/4 x 1 1/2 x 3/4	K7200	17c	1.65
4	2 1/4 x 1 1/2 x 3/4	K7201	20c	1.95
8	2 1/4 x 1 1/2 x 3/4	K7202	23c	2.20
8-8	2 1/4 x 1 1/2 x 3/4	K7203	44c	4.30
8-8-8	2 1/4 x 1 1/2 x 3/4	K7204	56c	5.50

### Low Voltage—For AC-DC Receivers

Common Neg. Terminal 4 Leads

Cap. Mfd.	Peak Volts	Container L. W. D.	Stock Number	Your Price	Ten For
8-8*	200	2 1/4 x 1 1/2 x 3/4	K7205	29c	52.75
16-16*	200	2 1/4 x 1 1/2 x 3/4	K7206	39c	3.71
10-10*	35				
20-12*	200	2 1/4 x 1 1/2 x 3/4	K7207	45c	4.28
10-10*	35				
16-8-8*	200	2 1/4 x 1 1/2 x 3/4	K7208	65c	6.18
10-10*	35				

### Inverted Aluminum Case Dry Electrolytic Condensers

Containers and leads insulated. Both positive and negative leads are brought out through insulated threaded nipple. For single 3/4" hole mounting. Locknut included. Duals have four leads.

Cap. Mfd.	Container Diam. Ht.	Stock Number	Your Price	Ten For
8	1 1/2 x 4 1/4	K7210	30c	52.90
8-4	1 1/2 x 4 1/4	K7211	44c	4.18
8-8	1 1/2 x 4 1/4	K7212	52c	5.10

The highest quality condensers obtainable at these low prices. Although they are not equal in quality to the condensers listed on pages 68 and 69 they are excellent values. We guarantee them to operate as good or better than other condensers offered at these low prices.

Dimensions Given Are Close Approximations.

### Dry Replacement Electrolytics—Universal Upright Mounting

450 D.C. Working Volts—500 Volt Peak

These multiple section dry electrolytics are very popular for replacement of wet electrolytics used in earlier model receivers. Each section is a separate condenser and all negative terminals are grounded to the aluminum container. Hermetically sealed against moisture. Unaffected by wide temperature variations. Solder-lug terminals. Complete with mounting bracket.



Capacity Section	Container Size	Stock Number	Your Price	Ten For
8-8	2 1/2 x 4 1/4	K7215	50.56	5.32
5-15	2 1/2 x 4 1/4	K7216	.69	6.55
8-8-8	3 x 4 1/4	K7217	.84	7.98
9-9-18	3 x 4 1/4	K7218	1.18	11.21

### POLYMET

Electrolytics  
8-8-8 Mfd.  
430 Peak V.  
Metal Container  
K7225—



YOUR PRICE **67¢**  
4" x 3 1/2" high

### POLYMET

4-4 Mfd.  
430 Peak Volts  
K7224—  
YOUR PRICE



**15¢**  
1 1/2" x 5 1/2" high. Stud mounting. Metal container is neg. Can be used as an 8 Mfd. condenser by connecting the two 4 Mfd. sections in parallel.

### MERSHON

Electrolytics  
1 1/2" x 4 1/4" high.  
430 Peak Voltage  
Metal container negative  
K7226—6 Mfd.



**15c**  
K7227—8 Mfd.  
**19c**

## AEROVOX Replacement Condensers



**Upright Mounting Dry Electrolytic Self Healing**  
Surge proof. Mount in any position. Contains common negative. Complete with m.c. rings.

525 V. D.C. Peak  
450 V. D.C. Working



**Uncased Replacement Condensers Impregnated Paper Di-electric**  
For replacing "blown" condenser block sections in filter circuits.

400 Volt

Stock Num.	Cap. Mfd.	Dimensions Ht. Wd. D.	Net
K7880	.1	2 x 2 1/2 x 1 1/2	20c
K7881	.25	2 x 1 1/2 x 1 1/2	26c
K7882	.5	2 x 1 1/2 x 1 1/2	30c
K7883	1	2 x 1 1/2 x 1 1/2	45c
K7884	2	2 x 1 1/2 x 1 1/2	68c

600 Volt

K7885	1	3 1/2 x 1 1/2 x 1 1/2	54c
K7886	2	3 1/2 x 1 1/2 x 1 1/2	81c

1000 Volt

K7887	.1	2 x 1 1/2 x 1 1/2	36c
K7888	1	4 x 2 1/2 x 1 1/2	88c

### Cartridge Condensers Paper Di-electric

Non-Inductive. Leads.

Stock Num.	Net	Cap. Mfd.	Stock Num.	Net
K7890	9c	001	K7908	10c
K7891	9c	002	K7909	10c
K7892	9c	005	K7910	10c
K7893	9c	006	K7911	10c
K7894	9c	011	K7912	10c
K7895	9c	015	K7913	10c
K7896	9c	02	K7914	10c

K7897	09c	03	K7915	10c
K7898	10c	05	K7916	11c
K7899	11c	12	K7917	12c
K7900	13c	15	K7918	15c
K7901	14c	25	K7919	20c
K7902	21c	5	K7920	29c
K7903	23c	10	K7921	50c

K7904	18c	01-01	K7922	19c
K7905	21c	05-05	K7923	24c
K7906	24c	1-1	K7924	27c
K7907	29c	25-25	K7925	41c

600 Volt

K7926	10c	001	K7937	12c
K7927	10c	006	K7938	12c
K7928	10c	01	K7939	12c
K7929	10c	02	K7940	14c
K7930	12c	05	K7941	21c
K7931	15c	1	K7942	29c
K7932	24c	25		
K7933	39c	5		

1000 Volt

K7934	10c	001	K7937	12c
K7935	10c	006	K7938	12c
K7936	10c	01	K7939	12c
K7937	10c	02	K7940	14c
K7938	12c	05	K7941	21c
K7939	15c	1	K7942	29c
K7940	24c	25		
K7941	39c	5		

400 Volt

K7942	10c	001	K7937	12c
K7943	10c	006	K7938	12c
K7944	10c	01	K7939	12c
K7945	10c	02	K7940	14c
K7946	12c	05	K7941	21c
K7947	15c	1	K7942	29c
K7948	24c	25		
K7949	39c	5		

400 Volt

K7950	10c	001	K7937	12c
K7951	10c	006	K7938	12c
K7952	10c	01	K7939	12c
K7953	10c	02	K7940	14c
K7954	12c	05	K7941	21c
K7955	15c	1	K7942	29c
K7956	24c	25		
K7957	39c	5		

400 Volt

K7958	10c	001	K7937	12c
K7959	10c	006	K7938	12c
K7960	10c	01	K7939	12c
K7961	10c	02	K7940	14c
K7962	12c	05	K7941	21c
K7963	15c	1	K7942	29c
K7964	24c	25		
K7965	39c	5		

400 Volt

K7966	10c	001	K7937	12c
K7967	10c	006	K7938	12c
K7968	10c	01	K7939	12c
K7969	10c	02	K7940	14c
K7970	12c	05	K7941	21c
K7971	15c	1	K7942	29c
K7972	24c	25		
K7973	39c	5		

400 Volt

K7974	10c	001	K7937	12c
K7975	10c	006	K7938	12c
K7976	10c	01	K7939	12c
K7977	10c	02	K7940	14c
K7978	12c	05	K7941	21c
K7979	15c	1	K7942	29c
K7980	24c	25		
K7981	39c	5		

400 Volt

K7982	10c	001	K7937	12c
K7983	10c	006	K7938	12c
K7984	10c	01	K7939	12c
K7985	10c	02	K7940	14c
K7986	12c	05	K7941	21c
K7987	15c	1	K7942	29c
K7988	24c	25		
K7989	39c	5		

400 Volt

K7990	10c	001	K7937	12c
K7991	10c	006	K7938	12c
K7992	10c	01	K7939	12c
K7993	10c	02	K7940	14c
K7994	12c	05	K7941	21c
K7995	15c	1	K7942	29c
K7996	24c	25		
K7997	39c	5		

400 Volt

K7998	10c	001	K7937	12c
K7999	10c	006	K7938	12c
K8000	10c	01	K7939	12c
K8001	10c	02	K7940	14c
K8002	12c	05	K7941	21c
K8003	15c	1	K7942	29c
K8004	24c	25		
K8005	39c	5		

400 Volt

K8006	10c	001	K7937	12c
K8007	10c	006	K7938	12c
K8008	10c	01	K7939	12c
K8009	10c	02	K7940	14c
K8010	12c	05	K7941	21c
K8011	15c	1	K7942	29c
K8012	24c	25		
K8013	39c	5		

400 Volt

K8014	10c	001	K7937	12c
K8015	10c	006	K7938	12c
K8016	10c	01	K7939	12c
K8017	10c	02	K7940	14c
K8018	12c	05	K7941	21c
K8019	15c	1	K7942	29c
K8020	24c	25		
K8021	39c	5		

400 Volt

K8022	10c	001	K7937	12c
K8023	10c	006	K7938	12c
K8024	10c	01	K7939	12c
K8025	10c	02	K7940	14c
K8026	12c	05	K7941	21c
K8027	15c	1	K7942	29c
K8028	24c	25		
K8029	39c	5		

400 Volt

K8030	10c	001	K7937	12c
K8031	10c	006	K7938	12c
K8032	10c	01	K7939	12c
K8033	10c	02	K7940	14c
K8034	12c	05	K7941	21c
K8035	15c	1	K7942	29c
K8036	24c	25		
K8037	39c	5		

400 Volt

K8038	10c	001	K7937	12c
K8039	10c	006	K7938	12c
K8040	10c	01	K7939	12c
K8041	10c	02	K7940	14c
K8042	12c	05	K7941	21c
K8043	15c	1	K7942	29c
K8044	24c	25		
K8045	39c	5		

400 Volt

# Aerovox Electrolytic Replacement

Model Receiver	Part Number	Cap. Mfd.	D.C. Work Voltage	Container Type	Size	Stock Num.	Your Price
<b>ATWATER KENT</b>							
155 (1 & 2)	24602	8-8-8	150	CB	1 1/2 x 1 1/2 x 3 1/2	K7650	50.97
155 (3)	24955	8-8-8	150	CB	1 1/2 x 1 1/2 x 3 1/2	K7651	.97
275, 825	26158	8-14-8	150	IC	1 1/2 x 1 1/2 x 3 1/2	K7652	1.25
	27592	4-8x10	450x25	IC	1 1/2 x 1 1/2	K7653	1.12
<b>BOSCH—117-127 (new)</b>							
360-375 (old)	CE954	4-8x20	450x50	IC	1 1/2 x 5 1/2	K7654	1.24
440-470	CE954	4-8x20	450x50	IC	1 1/2 x 5 1/2	K7655	1.24
04	CE9520	12-12x5-5	150x25	IC	1 1/2 x 1 1/2 x 2 1/2	K7656	1.15
<b>BELMONT (Freshman)—545</b>							
C. 525-B	C. 525-B	5-25-5	100	CB	1 1/2 x 1 1/2 x 2 1/2	K7657	.94
103-4		6	500	IC	1 1/2 x 1 1/2	K8039	.79
103-6		8	500	IC	1 1/2 x 1 1/2	K8037	.56
103-7		8	350	IC	1 1/2 x 1 1/2	K8042	.53
103-8		16	500	IC	1 1/2 x 1 1/2	K8039	.79
<b>CLARION (TCA)—G422</b>							
P4717	P4717	16-4	150	CB	1 1/2 x 1 1/2 x 2 1/2	K7662	.70
<b>COLONIAL</b>							
122, 152	R-8780-C	8x4	300x150	CB	2 1/2 x 1 1/2 x 1 1/2	K7663	.64
	D-4758-P	8	500	IC	1 1/2 x 1 1/2	K8037	.56
	R-7236	16	500	IC	1 1/2 x 1 1/2	K8039	.79
	R-12451	8	350	IC	1 1/2 x 1 1/2	K8042	.53
	R-12478	16	300	IC	1 1/2 x 1 1/2	K8039	.79
<b>CROSLY</b>							
95, 125	W23801	6-8	450	CB	1 1/2 x 1 1/2 x 4 1/2	K7668	.85
129-1, 130, 131-1, 132-1	W25857B	8x8	200x25	CB	1 1/2 x 1 1/2 x 2 1/2	K7669	.59
132-1, 146	W26119	8x4	150x300	CB	2 1/2 x 1 1/2 x 2 1/2	K7670	

# Exact Duplicate Condensers

Model Receiver	Part Number	Cap. Mfd.	D.C. Work. Voltage	Container Type	Size	Stock Num.	Your Price
<b>MAJESTIC-cont.</b>							
77, 331, 336	8721	16	450	IC	1 1/2 x 5 1/4	K8003	50.91
331, 336, 77, 344, 393	8722	8	450	IC	1 1/2 x 5 1/4	K7735	.62
381	8755	4-8	450	CB	1 1/2 x 1 1/2 x 4 3/4	K7736	.76
381	8774	10	25	CT	1 1/2 x 2 1/2	K7737	.29
344, 363	9019	10	25	CB	1 1/2 x 1 1/2 x 2 1/2	K7738	.29
371, 373	9219	8-8	450	CB	1 1/2 x 1 1/2 x 4 3/4	K7739	.85
411, 411A, 413, 413A	9661	8-16x10	150x25	CB	1 1/2 x 1 1/2 x 4 3/4	K7740	1.06
66-X Chassis 116A							
Auto	9079	8-8	350	CB	1 1/2 x 1 1/2 x 3 1/4	K7741	.82
118	10389	8-8	450	CB	1 1/2 x 1 1/2 x 3 1/4	K7742	.88
40, 49, 194 Chassis 440	10530	10x4x6	23x300x350	CB	1 1/2 x 1 1/2 x 4 3/4	K7743	1.00
55, 59, 75, 195, 560, 550 Chassis 500	10827	10x8-8	25x350	CB	1 1/2 x 1 1/2 x 5 1/4	K7744	1.00
77, 331, 336, Chassis 330	8721	10x8-8	450	IC	1 1/2 x 5 1/4	K8003	.91
<b>MOTOROLA</b> (Galv'n) 100	1388	8-8x25	350x25	CB	1 1/2 x 1 1/2 x 2 1/2	K7750	1.18
75 (Early)	1465	6-6	350	CB	1 x 1 1/2 x 2 1/2	K7751	.70
75 (Later)	1668	6-4x6	200x12	CB	1 x 1 1/2 x 2 1/2	K7752	.82
44	8123	8-12	200	CB	1 1/2 x 2 1/2 x 2 1/2	K7753	.79
44, 66, 77A	48200	4-8	200	CB	1 1/2 x 2 1/2 x 2 1/2	K7754	.64
57	1540	3-5x6	200x25	CB	1 1/2 x 1 1/2 x 1 3/4	K7755	.79
<b>MONTGOMERY WARD</b> 62-98, 62-98	80944-A	4-12-16	150	CB	1 1/2 x 1 1/2 x 2 1/2	K7756	1.09
<b>PEERLESS</b>	12550	12-16-10	100	CB	1 1/2 x 2 3/4	K7757	1.06
<b>RCA VICTOR</b>							
R27, R17N, R18W	3536	5-5	35	CT	1 1/2 x 2 1/2	K7758	.44
M105, 330, 331	66140-2	4-4	175	CT	1 1/2 x 3 1/4	K7759	.59
R27, R17, R18W	3538						
	66140						
R37, R38, R37P, R38P, 120	6487	4-4x10x4	300x150x25	CB	1 1/2 x 1 1/2 x 3 3/4	K7760	1.21
M134, M105	66155	3.6x1	200x100	CT	1 1/2 x 2 1/2	K7761	.47
	6492						
	66140-4						
<b>R22</b>	6511	8x4x10	150x100x25	CB	1 1/2 x 1 1/2 x 3 3/4	K7762	.79
	66160-2						
<b>R22</b>	6518	8x8	250x175	CB	1 1/2 x 1 1/2 x 3 3/4	K7763	.73
	66160						
<b>R18W</b>	6535	4x4	150x300	CT	1x3 1/2	K7764	.53
330-331	6555	10x4	300x150	CB	1x1 1/2 x 3 1/2	K7765	.73
	66143-2						
100-101-103, T-48, T49	6661	8-8x5-5	450x50	CB	1 1/2 x 1 1/2 x 4 3/4	K7766	1.29
220-222	6691	8-4x4-4	350x150x25	CB	1 1/2 x 1 1/2 x 3 3/4	K7767	1.21
	66180-2						
121-122-321	6703	8x2x4	350x150x300	CB	1 1/2 x 1 1/2 x 3 3/4	K7768	.97
	66189-1						
R28, R28P, R28BW, R40, R40P, T3-2, 119, 111, 115, 117, 118, 119, 128, 128P, 210, 211, 224E, 226, 310	7589	4x4	150x450	CB	1x1 1/2 x 3 3/4	K7769	.62
	66143						
<b>RADIO KEG</b>							
<b>SILVERTONE</b> 7110	148	5x8-12	25x150	CT	1x1 1/2 x 3	K7770	1.00
		10-10x8-14	25x150	CT	1 1/2 x 4 1/2	K7812	1.21
<b>SIMPLEX</b> RP							
Model V		4-4	450	CB	1 1/2 x 1 1/2 x 4 3/4	K8018	.82
Model 4Z		4-20	200	CB	1 1/2 x 4 1/2	K7778	.70
		15-8x5-5	150x25	CB	1 1/2 x 4 1/2	K7779	1.15
<b>SPARTAN</b> 71, 71B, 72, 78	A-9550	5-25-5	175	CB	1 1/2 x 1 1/2 x 2 1/2	K7788	1.18
	A-9754	8-8	450	IC	1 1/2 x 5 1/4	K7990	.34
	A-9308	20	25	CB	1 1/2 x 1 1/2 x 2 1/2	K7790	.95
<b>STEWART WARNER</b> 10-20	81698	5-5	25	CB	4 x 3 x 1 1/2	K7780	.44
R-115, R-110	81959	4-13-7	150	CB	3 x 1 1/2 x 1 1/2	K7781	.97
R-112	83111	8-8x5-5	250x25	CB	1 1/2 x 1 1/2 x 3 3/4	K7782	1.25
	83394	12	150	CB	1 1/2 x 1 1/2 x 2 1/2	K7783	.47
	85430	16	500	IC	1 1/2 x 4 1/2	K8043	.70
	85431	16	500	IC	1 1/2 x 4 1/2	K8039	.79
	85792	16	500	IC	1 1/2 x 4 1/2	K8039	.79
	85793	16	500	IC	1 1/2 x 4 1/2	K8039	.79
<b>UNITED MOTORS</b>	26508B	8-8x4-4	350x25	CB	1 1/2 x 1 1/2 x 2 1/2	K7791	1.21
4038		10-10	300	CB	1 1/2 x 2 1/2 x 2 1/2	K7792	.91
4048		4-4-12	200	CB	1 1/2 x 1 1/2 x 2 1/2	K7793	1.00
4052		8-25	150	CB	1 1/2 x 1 1/2 x 3 3/4	K7688	.85
<b>U S RADIO &amp; TEL</b>							
Apex-5	6201	4-4-12	200	CB	1 1/2 x 1 1/2 x 2 1/2	K7793	1.00
Apex 1001 Chassis							
10B-200 President	2719	8	300	CB	1 1/2 x 1 1/2 x 4 3/4	K7796	1.52
<b>WELLS-GARDNER</b>							
05A, 05BA, 05AA	81012	16	500	IC	1 1/2 x 4 1/2	K8039	.79
	81043	20	350	IC	1 1/2 x 4 1/2	K8044	.79
	80944-A	4-12-16	150	CB	1 1/2 x 1 1/2 x 2 1/2	K7756	1.09
<b>WURLITZER</b> (Lyric) SA-5	35-3715	8-8x10	450x25	IC	1 1/2 x 5 1/4	K7800	1.18
C4-M4	37-3773	4-8x10	250x25	CB	1 1/2 x 1 1/2 x 4 3/4	K7801	.97
SU-5		12-16x10	150x25	CB	1 1/2 x 1 1/2 x 2 1/2	K7802	1.09
<b>ZENITH</b>							
	22-125	8	450	IC	1 1/2 x 4 1/2	K7988	.62
	22-217	8-8	450	IC	1 1/2 x 5 1/4	K7990	.94
	22-230	8-8	450	IC	1 1/2 x 5 1/4	K7985	.84
	22-236	8-8-10	300x25	SR	1 1/2 x 2 1/2	K7806	1.12
	22-125	8	500	IC	1 1/2 x 4 1/2	K8037	.56
	22-331	8	500	IC	1 1/2 x 4 1/2	K8037	.56

## Universal Replacements for AC-DC Midget Receivers

Spade Lug Type	12-16	200	CT	1 1/2 x 4 1/2	K7811	.91
Spade Lug Type	14-8x10-10	150x25	CT	1 1/2 x 4 1/2	K7812	1.21
Spade Lug Type	16-8x10-10	150x25	CT	1 1/2 x 4 1/2	K7813	1.21
Spade Lug Type	16-12x10-10	150x25	CT	1 1/2 x 4 1/2	K7814	1.27
Spade Lug Type	2-12x5-5	150x25	CB	1 1/2 x 1 1/2 x 2 1/2	K7656	1.15
Spade Lug Type	16-16-8 x 5-5	150x25	CB	1 1/2 x 1 1/2 x 3 3/4	K7816	1.44

CB—Cardboard Box, IC—Inverted Can, UC—Universal Can, RC—Rectangular Can, CT—Cardboard Tube, MC—Metal Can, SR—Special Round Can.

## Aerovox Universal Replacements



### Space-Saver Dry Electrolytics

For use in limited space. High working voltage, full capacity and economical service life. Encased in heavy cardboard tab type containers. 6" insulated leads.

### Dry Electrolytics Cardboard Containers



Double section condensers have a common negative lead.

Stock Num.	Cap. Mfd.	Size Inches L. W. D.	Net
K8015	2	2 1/2 x 1 1/2 x 3/4	38c
K8016	4	4 x 1 1/2 x 3/4	44c
K8017	4-4	4 x 1 1/2 x 1 1/2	71c
K8018	4-8	4 x 1 1/2 x 1 1/2	79c
K8019	6	4 1/2 x 1 1/2 x 3/4	53c
K8020	8	4 1/2 x 1 1/2 x 3/4	56c
K8021	8-8	4 1/2 x 1 1/2 x 3/4	88c

### 250 D.C. Peak Volts 200 D.C. Working Volts

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Net
K7965	2	1 1/2 x 1 1/2 x 1	32c
K7966	4	1 1/2 x 1 1/2 x 1	32c
K7967	8	1 1/2 x 1 1/2 x 1	47c
K7968	10	1 1/2 x 1 1/2 x 1	55c
K7969	12	1 1/2 x 1 1/2 x 1	56c
K7970	16	1 1/2 x 1 1/2 x 1	62c

### Dual Section with 4 Leads

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Net
K7971	4-8	1 1/2 x 1 1/2 x 2 1/2	68c
K7972	8-8	1 1/2 x 1 1/2 x 2 1/2	73c
K7973	8-16	1 1/2 x 1 1/2 x 2 1/2	85c

### Triple Section with 6 Leads

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Net
K7964	8-8-8	1 1/2 x 1 1/2 x 2 1/2	\$1.12

### 525 D.C. Peak Volts 450 D.C. Working Volts

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Net
K7974	2	1 1/2 x 1 1/2 x 2 1/2	38c
K7975	4	1 1/2 x 1 1/2 x 2 1/2	44c
K7976	8	1 1/2 x 1 1/2 x 2 1/2	56c
K7977	12	1 1/2 x 1 1/2 x 2 1/2	82c

### Dual Section with 4 Leads

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Net
K7978	4-4	1 1/2 x 1 1/2 x 2 1/2	71c
K7979	4-8	1 1/2 x 1 1/2 x 2 1/2	79c
K7980	8-8	1 1/2 x 1 1/2 x 2 1/2	88c
K7981	8-8-8	1 1/2 x 1 1/2 x 2 1/2	\$1.29

### Stud Mounting Dry Electrolytics

Aluminum containers. Fitted with lugs or leads. Diameter of all units 1 1/2".

### 525 V. D.C. Peak 450 V. D.C. Work. 6" Insulated Leads

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Your Price
K7982	4	1 1/2 x 3 1/2	\$0.50
K7983	8	1 1/2 x 3 1/2	.61

### Single Sections (2 Leads)

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Your Price
K7984	4-4	1 1/2 x 4 1/2	.76
K7985	4-8	1 1/2 x 4 1/2	.85
K7986	8-8	1 1/2 x 4 1/2	.94

### Dual Section with 4 Leads

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Net
K8028	5	2 1/2 x 1 1/2 x 1 1/2	29c
K8029	10	2 1/2 x 1 1/2 x 1 1/2	29c
K8030	25	2 1/2 x 1 1/2 x 1 1/2	38c

### Triple Section with 6 Leads

Stock Num.	Cap. Mfd.	Size Inches D. W. L.	Net
K7987	8-8-8	1 1/2 x 4 1/2	1.35

# SPRAGUE 600 LINE SPRAGUE 450 VOLTS

# SPRAGUE

**600 VOLT CONDENSERS.** Will not only withstand 600 volt surges but has an extra safety factor which enables these condensers to build up to 650 volts without any break downs. Conservatively rated at 475 working volts. Ideal for filtering and public address work and other circuits where there is any question regarding surge voltages or resonant peaks.

**450 VOLT CONDENSERS.** Take surges as high as 575 volts and 580 volts. Small enough to fit in any AC-DC set and at the same time take everything that

a rectifier can give it. This means increased pep and better tone quality. Terminals imbedded to prevent electrolysis and corrosion and are fully sealed. Radol's complete stock of Sprague Condensers is of the New 1937 Improved Type Double Tested with a specially designed tube which is absolutely impervious to moisture and protects these condensers against humidity. No other condenser on the market has this type of sealing and there is no additional cost for this design.

## "Standard"

### Dry Electrolytics

525 Volts D.C. Peak  
450 Volts

#### D.C. Working

Standard size cardboard case board case condensers. Case has mounting flanges with metal rimmed holes which may be clipped off if desired. Insulated push-back wire leads.



Stock Number	Cap. Mfd.	Size Inches	List Price	Your Price
K8150	4	4 1/2 x 1 3/4 x 2 1/2	\$0.75	\$0.44
K8151	8	4 1/2 x 1 3/4 x 1	.95	.56
K8152	12	4 1/2 x 1 3/4 x 1 1/2	1.30	.76
K8153	8-8*	4 1/2 x 1 3/4 x 1 1/2	1.50	.88
K8155	8-8*	4 1/2 x 1 3/4 x 1 1/2	1.50	.88
K8154	8-8-8*	4 1/2 x 1 3/4 x 1 1/2	2.20	1.29

\*Has 4 leads. †Common negative leads.

### "TINY MIKE" Dry Electrolytics

450 V. Working—525 V. Peak



Small enough to fit any space. Large enough not to over-heat. Ideal as replacement in modern receivers. Heavy cardboard case has removable mounting flanges with metal rimmed holes. Fully

Impregnated. Insulated leads

Stock Number	Cap. Mfd.	Size Inches	List Price	Your Price
K8156	1	1 1/2 x 1 1/2 x 2 1/2	\$0.55	\$0.32
K8157	2	1 1/2 x 1 1/2 x 2 1/2	.75	.38
K8158	4	1 1/2 x 1 1/2 x 2 1/2	.75	.44
K8159	6	1 1/2 x 1 1/2 x 2 1/2	.90	.53
K8160	8	1 1/2 x 1 1/2 x 2 1/2	.95	.56

#### Dual Units—4 Leads

Stock Number	Cap. Mfd.	Size Inches	List Price	Your Price
K8161	4-4	1 1/2 x 1 1/2 x 2 1/2	1.20	.71
K8162	8-8	2 x 1 1/2 x 2 1/2	1.50	.88



### Dry Electrolytics

450 V. Working  
525 V. Peak

Cased in round aluminum containers. Can be mounted in any position. Mounting clamps are included.

#### Stud Mounting

Stock Number	Cap. Mfd.	Size Inches	List Price	Your Price
K8166	8	4 1/2 x 1 3/4	\$1.05	\$0.62
K8167	12	4 1/2 x 1 3/4	1.40	.82
K8168	16	4 1/2 x 1 3/4	1.55	.91
K8169	8-8*	4 1/2 x 2 1/4	1.60	.94

#### Upright Containers

Stock No.	Cap. Mfd.	D.C. Volts	Length & Dia. Inches	List Price	Your Price
K8170	5-15	450	4 1/2 x 2 1/2	\$2.30	\$1.35
K8171	8-8	450	4 1/2 x 2 1/2	1.80	1.06
K8172	8-8-8	450	4 1/2 x 3	2.70	1.59
K8173	9-9-18	450	4 1/2 x 3	3.75	2.21

\*Supplied with 4 insulated wire leads.

### High Capacity, Low Voltage Cardboard Cased Condensers



Tubular type, with pigtail leads color-coded. Designed to stand high temperatures. Dry Electrolytic. Sprague type H.C.

Stock No.	Cap. Mfd.	D.C. Volts	Length & Dia. Inches	List Price	Your Price
K8174	5	25	2 1/2 x 1 1/4 D.	\$0.50	\$0.29
K8175	10	25	2 1/2 x 1 1/4	.80	.44
K8176	10	50	2 1/2 x 1 1/4	.65	.38
K8177	25	25	2 1/2 x 1 1/4	.65	.38
K8178	25	50	2 1/2 x 1 1/4	.80	.47
K8179	10-10	25	2 1/2 x 1	.75	.44

### Dry and Wet Electrolytics (E.C.) In Cylindrical Aluminum Cans



Dry—Mount in Any Position  
475 V. Working—600 V. Peak

Stock Number	Cap. Mfd.	Dia. Hgt. In.	List Price	Your Price
K8180	8	1 3/4 x 4 1/4	\$1.50	\$0.88
K8181	10	1 3/4 x 4 1/4	1.80	1.06
K8182	16	1 3/4 x 4 1/4	2.30	1.35

#### DRY—Multiple Section Single Can

K8183	3-8	1 3/4 x 4 1/4	\$2.40	\$1.41
K8184	3-8-8	3 x 4 1/4	4.00	2.35
K8185	5-15	2 1/4 x 4 1/2	3.35	1.96

#### DRY—Inverted Screw Mtg. Type S.C.

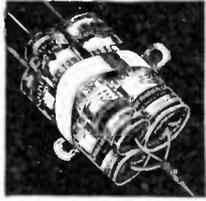
K8186	4	1 x 3	\$1.25	\$0.73
K8187	6	1 x 3 1/2	1.45	.85
K8188	8	1 1/4 x 4 1/4	1.50	.88
K8189	8-8	1 1/4 x 4 1/4	2.40	1.41
K8190	8-8	4 leads	2.40	1.41

#### WET—500 Volt D.C. Peak—Type W.C.

K8191	8	1 1/4 x 4 1/4	\$0.95	\$0.56
K8192	12	1 1/4 x 4 1/4	1.15	.68
K8193	18	1 1/4 x 4 1/4	1.50	.88

### AC-DC Dry Tubular Electrolytics

Similar in appearance to above units. Universally used in present receivers which operate directly from the line without a step-up power transformer. Will withstand high temperature above units. Universally used in present receivers which operate directly from the line without a step-up power transformer. Will withstand high temperature above units. Universally used in present receivers which operate directly from the line without a step-up power transformer. Will withstand high temperature above units.



Similar in appearance to above units. Universally used in present receivers which operate directly from the line without a step-up power transformer. Will withstand high temperature above units. Universally used in present receivers which operate directly from the line without a step-up power transformer. Will withstand high temperature above units.

Stock No.	Mfg. No.	Cap. Mfd.	Volts	List Price	Your Price
K8194	ST-22	2	200	\$0.60	\$0.32
K8195	ST-42	4	200	.65	.38
K8196	ST-92	8	200	.80	.47
K8197	ST-122	12	200	.95	.56
K8198	ST-162	16	200	1.05	.62
K8199	ST-252	25	200	1.25	.74
K8200	ST-44	4-4	200	.80	.53

### High Capacity, Low Voltage Cardboard Cased Condensers



Square cardboard container with metal-rimmed hole in flanges. For all low voltage circuits. Condensers designated by an asterisk (\*) have four leads.

Stock Num.	Cap. Mfd.	D.C. Volts	Size Inches	List Price	Your Price
K8204	10	25	2 1/2 x 1 1/4 x 1 1/4	\$0.50	\$0.29
K8205	10	50	2 1/2 x 1 1/4 x 1 1/4	.65	.38
K8206	25	50	2 1/2 x 1 1/4 x 1 1/4	.80	.47
K8207	4	100	2 1/2 x 1 1/4 x 1 1/4	.50	.29
K8208	8	100	2 1/2 x 1 1/4 x 1 1/4	.60	.35
K8209	12	100	2 1/2 x 1 1/4 x 1 1/4	.75	.44
K8210	4	200	2 1/2 x 1 1/4 x 1 1/4	.65	.38
K8211	8	200	2 1/2 x 1 1/4 x 1 1/4	1.05	.62
K8212	12	200	2 1/2 x 1 1/4 x 1 1/4	1.25	.74
K8213	25	200	2 1/2 x 1 1/4 x 1 1/4	1.25	.74
K8214	4-4*	200	2 1/2 x 1 1/4 x 1 1/4	.90	.53
K8215	8-8*	200	2 1/2 x 1 1/4 x 1 1/4	1.25	.74
K8216	8-16*	200	2 1/2 x 2 x 1 1/4	1.45	.85

### Dry Electrolytic Cardboard Encased Condensers

With special mounting flanges and tin-plated push-back insulated leads. All dual units have a common negative lead. \*Have two negative and two positive leads.



Continuous Working Voltage—475 Volts  
Maximum Surge Voltage—600 Volts.

Stock Number	Cap. Mfd.	Size Inches	List Price	Your Price
K8219	2	2 1/2 x 1 1/4 x 1 1/4	\$0.95	\$0.56
K8220	4	4 1/2 x 1 3/4 x 1 1/4	1.15	.76
K8221	6	4 1/2 x 1 3/4 x 1 1/4	1.30	.88
K8222	8	4 1/2 x 1 3/4 x 1 1/4	1.35	.79
K8223	8-8	4 1/2 x 1 3/4 x 1 1/4	2.20	1.29
K8224	8-8*	4 1/2 x 1 3/4 x 1 1/4	2.20	1.29
K8225	4-4*	4 1/2 x 1 3/4 x 1 1/4	1.80	1.06

### New Improved Individual Handy Units



Type E.C. Small enough to be tanned in pairs and occupy less space than original double units.

Continuous Working Voltage—475 Volts  
Maximum Surge Voltage—600 Volts

Stock Number	Cap. Mfd.	Size Inches	List Price	Your Price
K8226	1	2 1/2 x 1 1/4 x 1 1/4	\$0.95	\$0.50
K8227	2	2 1/2 x 1 1/4 x 1 1/4	.95	.56
K8228	4	2 1/2 x 1 1/4 x 1 1/4	1.15	.68
K8229	8	2 1/2 x 1 1/4 x 1 1/4	1.35	.79

### Metal Cased By-Pass Condensers

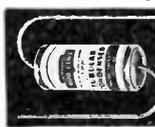
400 Volt Working  
600 Volt Peak



Enclosed in drawn metal case. Moisture and heat proof impregnation. Tinned lugs provide easy soldering.

Stock No.	Cap. Mfd.	Dimensions in Inches	Mtg. Cen.	List Price	Your Price
K8230	0.25	1 3/8 x 1 3/8 x 1 3/8	2 1/4	\$0.60	\$0.35
K8231	0.5	2 x 3 1/4 x 1 3/8	2 3/4	.75	.44
K8232	1.0	2 1/2 x 3 1/4 x 1 3/8	2 3/4	1.00	.59
K8233	.25-25	2 x 3 1/4 x 1 3/8	2 3/4	.80	.47
K8234	5-5	2 x 3 1/4 x 1 3/8	2 3/4	1.00	.59
K8235	1-1-1	2 x 3 1/4 x 1 3/8	2 3/4	.85	.50
K8236	1-1-1-1	2 x 1 x 1 3/8	2 3/4	1.10	.65

### Small Compact Tubular By-Pass Condensers



Paper Dielectric  
600 Working Volts  
1200 Test Volts

You can neglect the leads and tugs as hard as you like but you can't get an open contact between the lead terminal and the condenser. Guaranteed to operate at full 600 working volts. Not a failure in a million. Inner seal prevents absorption of moisture. Protected in outside tube for neat appearance. The most compact 600 volt condenser on the market. Non inductively wound.

Stock Number	Cap. Mfd.	Length & Dia. in Inches	List Price	Your Price
K8237	.001	1 1/2 L x 3/8 D.	\$0.25	.25
K8238	.0025	1 1/2 x 3/8	.25	.25
K8239	.005	1 1/2 x 3/8	.25	.25
K8240	.01	1 1/2 x 3/8	.25	.25
K8241	.02	1 1/2 x 3/8	.25	.25
K8242	.04	1 1/2 x 3/8	.25	.25
K8243	.05	1 1/2 x 3/8	.25	.25
K8244	.06	1 1/2 x 3/8	.25	.25
K8245	.01	1 1/2 x 3/8	.25	.25
K8246	.02	1 1/2 x 3/8	.30	.30
K8247	.04	1 1/2 x 3/8	.30	.30
K8248	.05	1 1/2 x 3/8	.30	.30
K8249	.1	1 1/2 x 3/8	.35	.21
K8250	.25	1 1/2 x 3/8	.45	.27
K8251	.5	1 1/2 x 3/8	.60	.36
K8252	1.0	2 x 1	1.00	.51

Each

15c

Each

18c

# CONDENSERS

Use **SPRAGUES** and **NOTE** the **DIFFERENCE**

## Interference Analyzer



Shows Exactly Where Interference Originates and Tells How to Eliminate It!

**K8275**—Complete with adapters **YOUR PRICE \$9.55**

### 21 Different Filtering Combinations

Indicates exactly what condensers and chokes are needed to eliminate radio interference. Connects in the circuit of the electrical appliance suspected of causing interference. With the radio turned on the Analyzer switching device is adjusted to the various positions indicated on the panel. This automatically connects different filter banks into the circuit until the combination is found which eliminates the interference most effectively. Reference is then made to an instruction chart which specifies the Sprague interference condensers and chokes to use to get the same filter combination. The same results are obtained from the individual condensers and chokes, where necessary.

Look for Interference in a Time-saving, professional manner. Housed in a compact attractive bakelite case 4 1/2" wide, 7" high and 3" deep. For use on 110 volts.

### Demonstrate to Your Customer

It is possible to demonstrate to your customer just how interference may be eliminated by use of the proper filtering equipment. With the use of this Analyzer you can guarantee the job before you invest one penny in equipment.

### Unlimited Opportunities

Build new business—open vast new opportunities in eliminating interference from line noises, small appliance motors, all types of electric motors, beer parlor equipment, flashing traffic lights, dentists and physicians appliances. The Analyzer will also help you sell good antenna systems by demonstrating noises picked up by the antenna.

## Interference Elimination Condensers and Chokes

These condensers and chokes are especially designed for interference elimination. Use as indicated by the Interference Analyzer listed at right or as specified opposite each type listed. The highest quality and most efficient types of condensers and chokes available for interference elimination.

### Sprague Type IF-11



A Dual condenser for silencing larger type motors such as found on refrigerators, large fruit juice extractors, oil burners, sign flashers, printing press motors, lathe and drill presses, etc. In obstinate cases of interference a choke may be required, but in 80% of the cases the condenser alone will suffice. See diagram II for suggested installation. Size 4 1/2" x 1 1/2" x 1 1/2". **K8276—List. \$2.50. YOUR PRICE \$1.47**

### Sprague Type CH-1



Specially designed choke will carry up to 10 amperes the capacity approximately to use on 1 horse power motor. The choke is enclosed in a sturdy metal can, self-mounting. Size 2 1/4" x 2 1/8" x 1 1/2". **K8280—List. \$1.35. YOUR PRICE 79¢**

### Sprague Type IF-50



Individual unit oil impregnated, oil-filled condenser for silencing small motors requiring higher capacity units. Two may be connected in series when necessary. Size 3 x 1 1/2" x 1 1/2". **K8277—List. \$1.75. YOUR PRICE \$1.03**

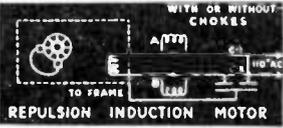
### Sprague Type IF-33, IF-21



A compact Tubular, 2-lead condenser for eliminating interference from fractional horsepower motors such as found in mixers, small fans, humidifiers, beer pumps, portable electric tools, hair driers, etc. See Diagram I. Size 1 1/2" x 1 1/2" x 1 1/2". **K8278—Type IF-33. List. 75c. YOUR PRICE... 44¢**  
**K8279—Type IF-21 Standard type. Higher capacity. Size, 2 1/4" x 1 1/2". List. \$1.00. YOUR PRICE... 59¢**



**DIAGRAM I**—Showing how Type IF-33 or Type IF-21 Sprague Interference condensers may be connected across small motors. The two short condenser leads are connected across the motor as close to it as possible. Mounting Bracket or common terminal should be connected to motor frame.



**DIAGRAM II**—A typical Type IF-11 condenser installation for any type motor. Metal condenser container is the common plate of the dual condenser. Make all connections as close to motor as possible. In obstinate cases of interference connect a series choke. Type CH-1 at points A or B or at both A and B.

**K8409**—Type F05D. Heavy Duty Capacity Type, center-tapped interference filter especially designed for farm lighting systems and large motors or neon sign transformer primary circuits. Heavy flexible leads for line and ground connections. Aluminum container. 4 3/4" x 2 1/2" Dia. For 32, 110 and 220 V. A.C. or D.C. circuits. **YOUR PRICE \$1.47**

**K8410**—Type F01. For eliminating interference radiation from small electric motors or for use in noise line circuit of receivers. The most effective value of capacity in interference elimination has been selected. Plug-in type. For use on 110-120V., 25-60 cycle A.C. or D.C. lines. Size: 1 3/8" x 1 3/8" long. List. 40c. **YOUR PRICE 23¢**

**K8411**—Type F01H. Inductive capacity filter for motors producing a more severe type of interference. Capacity has effect of shunting interference, while chokes prevent radiation. 5 ampere capacity. For use on 110-120V., 25-90 cycle A.C. or D.C. lines. Plug-in type. List. 80c. **YOUR PRICE 47¢**

**K8407**—Type F1005DH. 2 KW capacity. 4 3/8" x 3" Dia. Wire-in type for house mains, to isolate incoming line noise. List Price, \$5.00. **YOUR PRICE \$2.94**

**K8412**—Type F01DH. For fans, electric razors, flashing window signs, sewing machine motors, dental drills, and drink mixers. Stops interference. Plug-in type for 120 V. a.c. or d.c. 250 watt capacity. 2 1/2" x 1 1/2" dia. List Price, \$1.00. **YOUR PRICE 59¢**

## Continental Filtercons

Competitive demonstrations have determined the sale of thousands of radio receivers—in many instances inferior receivers were purchased because less crackling was heard accompanying the program, although it is well known among dealers and servicemen that the most sensitive receivers pick up the most interference. A portion of the noise picked up by the better radio receivers originates in near-by electrical apparatus and is transferred to the set either through the aerial or through the power supply line. In other case noise can be reduced or eliminated closing the sale of a better radio.

**Inductive and Capacitance Filtercons**  
Heavy duty types: Eliminates power line interference. Type F are for use at the source of interference. Type B for use between a radio set and its power supply. Each unit contains 2 large choke coils and 2 low-power-factor Oil condensers housed in aluminum container. Plug-in types fits standard A.C. receptacles. Flexible heavy wire leads on wire-in types. For 110-220 volt AC or DC power lines.

**K8405**—Type F305DH. 600 watt capacity. 4 3/8" x 2 1/2" Dia. Plug-in type for flat-iron, wringing irons, etc. List Price, \$3.00. **YOUR PRICE \$1.76**

**K8406**—Type F505DH. 1 KW capacity. 4 3/8" x 2 1/2" Dia. Plug-in type for primary of neon transformers, refrigerators, List Price, \$4.00. **YOUR PRICE \$2.35**

**K8413**—Type R01DH. Specially designed for all-wave receivers using ungrounded doublet type aerials. Contains two chokes and two condensers with flexible ground lead. Effective in blocking line noise and the effects of nearby light circuits. For 120 V. a.c. or d.c. 5 amp. size 2 3/8" x 1 1/2" dia. Plug-in type. List. \$1.00. **YOUR PRICE 59¢**

**Raddolek will supply all your requirements for Radio or Public Address Equipment. We handle radio exclusively and are truly specialists.**

**K8414**—Type G01D. Dual capacitor with grounded case. Welded flange on case permits direct mounting on grounded frame of motor or transformer shell. Two flexible 6' insulated leads for connection with line. For use on 110-120 Volt, 50-60 cycle A.C. or D.C. lines. Size 3 1/2" x 2 1/2" long. List. 50c. **YOUR PRICE 29¢**

**K8415**—Type G01DH. Dual capacitor, dual choke heavy duty interference filter. For use on motors with grounded frames. Particularly for old motors which produce considerable sparking at their brushes. For 110-120 Volt, 50-60 cycle A.C. or D.C. lines. 5 ampere 1/2 KW capacity. Size 1 1/2" x 3 3/8" long. 6" insulated leads. List. \$1.50. **YOUR PRICE 88¢**

**K8416**—Type R01H. Prevents line interference reaching radio receiver. Neutral line of power supply system should be grounded near point in line in which filter-con is connected. 5 ampere capacity. Plug-in type. For 110-120 V., 25-60 cycle A.C. and D.C. lines. List. 80c. **YOUR PRICE 47¢**

## Moulded Bakelite Condensers

Micamold-Aerovox-Polymet Solar-Concourse  
Tested at 750 Volts D.C.



Case Size X" Square.

Stock Number	Cap. Mfd.	Your Price
K8545	.00025	<b>EACH 8c</b>
K8506	.00004	
K8507	.00005	
K8508	.0001	
K8509	.00015	
K8510	.0002	
K8511	.00025	<b>PER DOZ. 85c</b>
K8512	.0003	
K8513	.0004	
K8514	.0005	
K8515	.00075	
K8516	.001	
K8517	.0015	<b>Each 12c PER DOZ. \$1.30</b>
K8518	.002	
K8519	.0025	
K8520	.005	
K8521	.004	

### Combination Mounting



Lug centers 1 1/4". Insulated mounting hole centers in case 1 1/4".

Stock Number	Cap. Mfd.	List Price	Your Price
K8526	.0001	30c	<b>EACH 8c PER DOZ. 85c</b>
K8527	.00025	30c	
K8528	.00035	30c	
K8529	.0005	30c	
K8530	.001	35c	
K8531	.002	40c	12c
K8532	.005	50c	15c
K8533	.008	60c	19c
K8534	.01	70c	33c

## Continental-Igrad

### High Voltage Paper Condensers

To Replace Electrolytic Units

High quality paper condensers that exactly duplicate the size and appearance of electrolytic condensers. Many servicemen actually prefer a paper dielectric bypass or filter condenser. Although the actual paper condenser capacity is 60% of the

recommended replacement value given, these condensers make satisfactory replacements due to improved filter action. High voltage rating and great resistance to heat are some of the advantages they offer.

### Single and Dual Sections

#### Cardboard Containers

For replacing defective electrolytics of the values specified below. Cardboard containers are identical in size and appearance to electrolytic units. 6" long heavy insulated leads. All single units have 1 Pos., and 1 Neg., lead. Dual I condensers have 2 Pos., and 2 Neg., leads. Non-inductive.

600 D.C. Peak Volts  
475 D.C. Working Volts

Case	Cap. Mfd.	Size L. W. D.	Your Price
K8420	2	4 1/2 x 1 1/2 x 1 1/2	35c
K8421	4	4 1/2 x 1 1/2 x 1 1/2	44c
K8422	8	4 1/2 x 1 1/2 x 1 1/2	56c

Case	Cap. Mfd.	Size L. W. D.	Your Price
K8423	4-4	4 1/2 x 1 1/2 x 1 1/2	73c
K8424	4-8	4 1/2 x 1 1/2 x 1 1/2	85c
K8425	8-8	4 1/2 x 1 1/2 x 2 1/2	94c

1000 D.C. Peak Volts  
600 D.C. Working Volts

Stock Number	Cap. Mfd.	Size L. W. D.	Your Price
K8426	2	4 1/2 x 1 1/2 x 1 1/2	\$0.50
K8427	4	4 1/2 x 1 1/2 x 1 1/2	.59
K8428	8	4 1/2 x 1 1/2 x 1 1/2	.79

Case	Cap. Mfd.	Size L. W. D.	Your Price
K8429	4-4	4 1/2 x 1 1/2 x 1 1/2	.97
K8430	8-8	4 1/2 x 1 1/2 x 2 1/2	1.29



Standard Type

Case Size 1 1/2" long, 1 1/2" wide, 1 1/2" high. Lug centers 1 1/4".

Stock Number	Cap. Mfd.	List Price	Your Price
K8537	.01	1.00	24c
K8538	.02	1.25	35c

### R.M.A. Standard Mica Condenser Color Code

Capacity of Mica Condensers is figured in terms of Micro-Microfarads. The first dot appearing on the condenser represents the first figure of the capacity; the second dot represents the second figure and the third dot represents the number of eighths following the first two figures.

#### The Code

Color	Figure	Color	Figure
Black	0	Green	5
Blue	1	Blue	6
Red	2	Violet	7
Orange	3	Gray	8
Yellow	4	White	9

#### Example

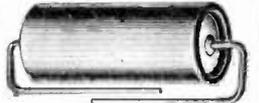
Deci-Mica	1st. Dot	2nd. Dot	3rd. Dot
MMFDS	100	Brown	Black
0001	100	Brown	Black

## Bargain Mica Condenser Kit

25 Units—Assorted Sizes  
Consists of 25 assorted types and values of mica condensers from .00025 to .002 Mfd. Many popular capacities included in this kit. This is an outstanding value.  
**K8539—YOUR PRICE 62c**  
Per Kit (25 Units)

## Quality Tubular Condensers

Carefully made of finest materials and in accordance with the most advanced principles of condenser manufacturing processes. We recommend this line to you for use wherever a strictly first-class unit at a moderate price is required. Metal foil and linen paper, wax impregnated. Hermetically sealed in tubular fibre cases. 1 1/2 inch (tinned leads, securely anchored. Approx. 2" long, 3/4" to 1 1/4" Diam.



400 D. C. Working Volts				600 D. C. Working Volts			
Stock Num.	Cap. Mfd.	Your Price	Ten For	Stock Num.	Cap. Mfd.	Your Price	Ten For
K8555	.0001	<b>6c Each</b>	<b>Ten for 55c</b>	K8580	.0001	<b>7c Each</b>	<b>Ten for 65c</b>
K8556	.00025						
K8557	.0005						
K8558	.005						
K8559	.002						
K8560	.005	<b>7c Each</b>	<b>Ten for 65c</b>	K8581	.00025	<b>8c Each</b>	<b>Ten for 75c</b>
K8561	.006						
K8562	.01						
K8563	.02						
K8564	.03						
K8565	.03	<b>8c Each</b>	<b>Ten for 75c</b>	K8582	.0005	<b>10c</b>	<b>95c</b>
K8566	.06						
K8567	.08						
K8568	.1						
K8569	.2						
K8570	.25	<b>15c</b>	<b>\$1.40</b>	K8583	.001	<b>13c</b>	<b>\$1.25</b>
K8571	.5						
K8572	1-1-1						
K8573	1-1-1						
K8574	25-25						
K8575	1-1-1	<b>26c</b>	<b>2.45</b>	K8584	.002	<b>15c</b>	<b>1.40</b>
K8576	25-25						
K8577	25-25						
K8578	25-25						
K8579	25-25						
K8580	.001	<b>10c</b>	<b>95c</b>	K8585	.005	<b>19c</b>	<b>\$1.75</b>
K8581	.0025						
K8582	.0005						
K8583	.001						
K8584	.002						
K8585	.005	<b>19c</b>	<b>1.75</b>	K8586	.006		
K8586	.006						
K8587	.01						
K8588	.02						
K8589	.03						
K8590	.05	<b>19c</b>	<b>1.75</b>	K8591	.06		
K8591	.06						
K8592	.08						
K8593	.1						
K8594	.2						
K8595	.25	<b>19c</b>	<b>1.75</b>	K8596	.5		
K8596	.5						
K8597	.5						
K8598	.5						
K8599	.5						

### Uncased Replacement Condenser Sections



Wax sealed, paper dielectric. Guaranteed for one full year—free replacement when used under proper conditions. Scientifically designed, carefully built. Safety factor in excess of that required to withstand both R. M. A. and N. E. M. A. retest requirements. 6" long insulated leads.

Stock No.	Capacity	Size In.	Price Each
K8620	1/2	2 1/2 x 1 1/2 x 1/4	12c
K8621	1	2 1/2 x 1 1/2 x 1/4	18c
K8622	2	2 1/2 x 1 1/2 x 1/4	29c

Stock No.	Capacity	Size In.	Price Each
K8623	1/2	2 1/2 x 1 1/2 x 1/4	19c
K8624	1	2 1/2 x 1 1/2 x 1/4	29c
K8625	2	2 1/2 x 1 1/2 x 1/4	44c

Stock No.	Capacity	Size In.	Price Each
K8626	1	2 1/2 x 2 1/4 x 1/4	36c
K8627	2	2 1/2 x 2 1/4 x 1/4	50c

### Sangamo Pigtail Type

Moulded Mica Condensers  
Case 3/4" square, 1 1/4" wire leads.



Stock Number	Cap. Mfd.	List Price	Your Price
K8540	.00005	15c	9c
K8541	.0001	15c	9c
K8542	.00025	20c	12c
K8543	.0005	20c	12c
K8544	.001	25c	15c
K8545	.002	35c	21c

### Filter or By-Pass

1 Mfd.  
300 Volts

Metal can size 1 1/2 in. wide, 1 1/2 in. high, 3/4 in. deep.  
**K8639**  
**YOUR PRICE, EACH 19c**  
Lots of 10.....\$1.70



### Special Value Tubular

Condensers  
Paper and Foil Type



Wax impregnated. Tubular fibre cases. 1 1/2" wire leads. 2 1/2" long, 3/4" to 1 1/4" Diam.

Stock Num.	Cap. Mfd.	Work. Volts	Your Price	
K8605	.001	600	<b>Ten Ass't. for 29c</b>	
K8606	.002	600		
K8607	.004	600		
K8608	.006	600		
K8609	.01	600		
K8610	.02	600	<b>10 for 39c</b>	
K8611	.05	600		
K8612	.1	600		
K8613	.25	400		6c
K8614	.5	400		9c
K8615	.25	600	8c	
K8616	.5	600	12c	
K8617	1.0	600	17c	

### Best Quality Paper Type By-Pass Condensers



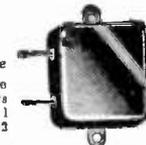
Metal Cased Popular among manufacturers, servicemen and experimenters. Will give long and satisfactory service. Hermetically sealed in metal containers. Metal foil elements. Paper insulated. Size 1/2 x 1 1/2 inches.

Stock Number	Cap. Mfd.	D.C. Working Volts	Your Price
K8628	.05	400	12c
K8629	.1	400	15c
K8630	.25	400	19c
K8631	.5	400	22c
K8632	1-1-1	400	26c

### By-Pass Condensers

Lugs from Side

Non-inductive "paper" Condensers sealed in metal cans. Size 1 1/2 x 1 1/2 inches.

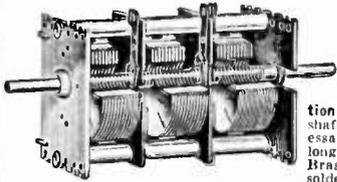


Stock Num.	Cap. Mfd.	D.C. Working Voltage	Your Price
K8633	.1	400	28c
K8634	.5	400	20c
K8635	.25	400	18c
K8636	.1	600	35c
K8637	.25-25	400	28c
K8638	.5-5	400	36c

# Quality Variable Condensers

## Universal Replacement Variable Condensers

With Shaft Out of Both Ends  
and With Reversible Trimmers



With only eight different types of variable condenser servicemen can now replace practically any variable condenser in any radio. The tuning shafts out of both ends permit either clockwise or counter clockwise rotation by simply reversing the position of the condenser. The shaft remaining at the rear of condenser may be cut off if necessary. Removable trimmers are supplied attached to the long side but can be easily removed and attached to short side. Brass reversible wiping contacts with ends lined for easy soldering. Heavy aluminum condenser plates. High end shield plates are each pierced with several holes to permit universal mounting. Brass rotor shaft with ball bearings races. Extremely accurate calibration—capacity variation between sections plus or minus 1%. Superior workmanship and every advanced mechanical and electrical feature are to be found in these fine units.

### Low Minimum—Large Size

End Plates 2 3/4" x 3 3/8". Length: 2 section 3 3/8", 3 section 4 1/2". 1/2" diam., 1" long shafts out both ends.

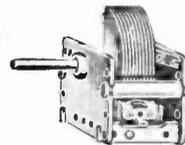
Stock Num.	Num. Sections	Cap. Mmfd. Min.	Cap. Mmfd. Max.	YOUR PRICE
K8950	2	12	370	\$1.19
K8951	12	13	450	
K8952	12	12	370	1.58
K8953	3	13	450	

### Low Minimum—Compact Size

End plates 2 3/4" x 3 3/8". Length: 2 section 2 1/2", 3 section 3 5/8". 1/2" diam., 1" long shafts out both ends.

Stock Num.	Num. Sections	Cap. Mmfd. Min.	Cap. Mmfd. Max.	YOUR PRICE
K8954	15	15	375	96c
K8955	17	17	455	
K8956	15	15	375	\$1.35
K8957	17	17	455	

## New Low Minimum Single Gang Condenser



New bar type frame and shields are cadmium plated. End plate pierced with number of holes for universal mounting. End plates 3 3/4" x 1 1/2" high. Heavy aluminum condenser plates. Low loss bakelite stator supports. Brass rotor wiping contacts. Brass shaft.

1/4" diam. x 1 1/2" long. Ball bearing races. Especially desirable for test apparatus construction.

Stock Num.	Min. Mmfd.	Cap. Mmfd.	Plates	Your Price Each
K8971	7	120	7	<b>62c</b>
K8972	8	250	13	
K8973	9	370	19	
K8974	10	450	23	

## Compensating Neutralizing Condensers

For use in circuits where a small, variable capacity is needed for neutralizing, compensating or as a vernier or balancing condenser. Fine quality. Excellent design and construction. Rugged. Accurate. Aluminum plates. Supplied without knob. Shaft, diameter 1 1/4", extends 1/2". Mounts in single 3/8" hole, on any panel not over 1/4" thick. Overall size opened up—1 1/2" high; 1 1/2" wide; 1 3/4" deep.



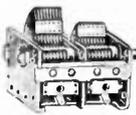
Stock Num.	Num. Plates	Cap. Mmfd. Max.	Cap. Mmfd. Min.	YOUR PRICE
K8977	3	25	3.5	<b>35c</b>
K8978	5	50	3.8	
K8979	9	95	5.0	
K8980	13	145	6.0	47c
K8981	17	195	6.5	53c
K8982	21	240	7.0	57c
K8983	25	290	8.0	68c

## Thordarson Vernier Condenser

Capacity .001 Mfd. (43 plates)  
K8990—List Price \$4.50.  
**39c**  
YOUR PRICE.  
Completely shielded against body capacity. Dust shield protects plate. Double cone adjustable metal bearing. Bearing secured directly to the shielding base plate without any dielectric. Hard rubber insulation used throughout. Lowest possible zero capacity. Supplied complete with vernier adjustment, knob and dial. Drilling template included.



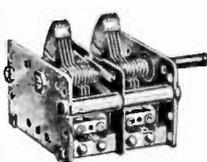
## New Midget Variable Condensers



Used by leading set manufacturers in their smaller radios. A fine quality small size condenser. Aluminum condenser plates. Brass rotor wiping contacts. Trimmers on both sides permit mounting in any position. Frames and shields of bright cadmium plated steel. Accurately fitted ball bearings at end of condenser shaft provide for long life, quiet operation and stability of operation. 1/2" diameter, brass shaft, 1 1/2" long. End plate 2 3/4" x 1 1/2" high. Tapped 3/16" holes in base for mounting. All models supplied for clockwise rotation.

Stock Num.	Num. Sections	Cap. Mmfd. Min.	Cap. Mmfd. Max.	YOUR PRICE
K8962	2	16	370	81c
K8963	3	16	370	\$1.10

## Short Wave Variable Condensers



Maximum Capacity 130 Mmfd. (.0013 Mfd.)  
Minimum Capacity 8 Mmfd.

High quality small size condensers. Especially designed for all types of short wave receivers and converters employing either a two or three gang condenser. Rigid construction provides for electrical and mechanical efficiency. Accurately fitted ball bearings at end of condenser shaft provide for long life, quiet operation and stability of calibration. Brass wiping rotor contacts on each section. Frames and shields cadmium plated. Shaft length 1 1/2", shaft diameter 3/8". Height of all models 1 1/2". Holes in end plates for universal mounting. End plates 3 3/4" x 1 1/2" high.

Stock Number	Number Gangs	Length Inches	YOUR PRICE
K8967	2	2 1/2"	85c
K8968	3	3 1/4"	\$1.24

## 456 (465) Kc. Cut Rotor Section

Front section: Minimum capacity 16 Mmfd, maximum capacity 240 Mmfd. Rear Section: Minimum capacity 16 Mmfd, maximum capacity 370 Mmfd. K8964—2 Section Condenser.  
YOUR PRICE **81c**

## Exact Duplicate Dial Repair Parts



**FADA Tuning Bracket**  
For all of the older models of Fada Receivers. Part number stamped on casting. Shpg. wt. 1 lb.  
K10535—Part No. 858MP  
K10536—Part No. 872MP  
YOUR PRICE, **88c**  
EACH

### FADA Dial Scale and Drum

Same as original Fada Part number 871MP. For all early models. Scale riveted to drum. Shpg. wt. 2 lbs.  
K10537—Part No. 871MP  
YOUR PRICE **\$1.26**



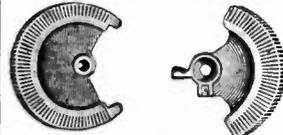
**FADA Tuning Drum**  
Same as original number 1716X. For all early models 1 1/2" diameter, 1/2" track. Shpg. wt. 1 lb.  
K10538—  
EACH **\$1.03**

### FADA Friction Drive Shaft

For use with drum dial number 871MP illustrated at left. Supplied complete with all washers, spring, etc. Assembled ready for use. Shpg. wt. 1 lb.  
K10539—2 1/4" long. Part No. 1724X  
K10540—2 1/2" long. Part No. 1724R  
K10541—2 3/4" long. Part No. 1724B  
YOUR PRICE, **59c**



## FREED-EISEMANN Volume and Tuning Dial Castings



Will exactly fit chassis, no changes are necessary to install. Made of cast iron, finished in gilt. Will not break or

crack. Shpg. wt. 2 lbs. each.  
K10542—Volume Control Casting. Part No. 24-46.  
YOUR PRICE **85c**  
K10543—Tuning Dial Casting. Part No. 24-45.  
YOUR PRICE **90c**

### Dial Drive Assembly

For R.C.A. Victor Receiver R.C.A. part 2999. Complete tuning dial drive shaft with mounting screws, lock washers and friction rubber. Exact replacement for R.C.A. Victor models: R-7A, R-9D, R-43, R-11, R-7D, R-7L, R-10, RE-18, RAE-26, RE-16A, R-10D.C., R-7, R-9, R-4, R-6 and R-8.  
K10544—List, 40c.  
YOUR PRICE **24c**

### Crosley Tuning Pinion

Exact replacement tuning drive gear casting for Crosley models 26, 53, 57, 608, 706 Gembox and Showbox.  
K10534—List, 63c.  
YOUR PRICE **37c**

## Meissner Align-Aire Trimmers

High quality air-dielectric trimmers. Screw type adjuster. Automatic friction lock holds any capacity setting. Low-loss construction. Moisture proof bakelite container.



Stock Num.	Cap. Mmfd.	Size Dia. x L.	List Price	YOUR PRICE
K8910	1-12	1/4" x 1 1/2"	\$0.50	29c
K8911	3-25	1/4" x 1 1/2"	.60	35c
K8912	25-50	1/4" x 1 1/2"	.75	44c
K8913	55-110	1/4" x 1 1/2"	1.25	73c

## MEISSNER Junior Trimmers

For use as trimmers or padders in high and intermediate frequency circuits. Isobutite base. Plates of special alloy with separators of finest grade mica. Fine thread screw adjustment.



K8921	10 to 70 MIMP	18c
K8922	30 to 160 MIMP	21c
K8923	60 to 300 MIMP	24c
K8924	110 to 475 MIMP	29c
K8925	500 to 1125 MIMP	44c

## Meissner Equalizing Condensers

Extremely small. Special treated alloy plates. Best Mica Dielectric. Fine thread screw adjustment. High overall efficiency. Capacity range 3 to 30 MIMP.  
K8917—Ceramic Base. 12c  
K8918—Bakelite Base. 8c



# NEWEST DIALS AND PILOT LIGHTS

## Improved Model Airplane Dials

For All-Wave, Short-Wave and Broadcast Receivers

### Attractive Designs

Translucent peach colored dial scales with distinctive dark brown indicating figures. Removable crystal lens can be removed if additional calibration markings are desired to be added in blank space below upper scale and above lower scale.

### Improved Construction

Smooth friction drive. No backlash. Cadmium plated frames. Dial frame has a tapped  $\frac{3}{32}$ " hole for securing to condenser frame. Fits  $\frac{3}{8}$ " shaft but supplied with reducer bushings for use with  $\frac{1}{4}$ " shafts. Hair line pointers and condenser travel in same direction.

### Airplane Type 2 $\frac{1}{2}$ " Dial

With Escutcheon and Two Lamp Sockets



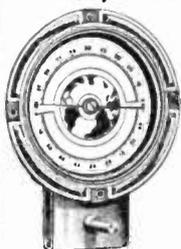
Complete EACH ..... **72c**

K10628—Upper scale marked 0-100. Lower scale 0-100.

Ratio 7 to 1. 3 $\frac{1}{4}$ " embossed bronze finished escutcheon. One illuminator bracket is supplied. Two may be used.

### Airplane Type 3 $\frac{1}{8}$ " Dial

With Escutcheon and Two Lamp Sockets



Complete EACH ..... **79c**

K10630—Upper scale marked 0-100. Lower scale 0-100.

Ratio 10 to 1. Two lamp sockets are supplied. This permits broadcast and short-wave scale to be illuminated independently by connecting pilot lights to a section on the coil change switch. 4" embossed bronze finish escutcheon.

### Giant Airplane 4" Dial

With Escutcheon and Two Lamp Sockets

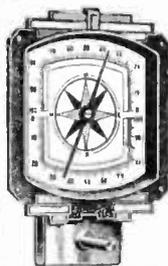


Complete EACH ..... **\$1.15**

K10632—Upper scale 0-100. Lower scale 0-100. Especially desirable for 4 band receivers. Ratio 13 to 1. A large dial suitable for the finest receivers. Two illuminator brackets supplied with dial. 4 $\frac{1}{2}$ " embossed bronze finished escutcheon.

### Square Airplane 3 $\frac{1}{4}$ " Dial

Modernistic Design 10:1 Ratio



Complete EACH ..... **97c**

K10634—Upper scale 0 to 100. Lower scale 100 to 0.

K10635—Upper scale 100 to 0. Lower scale 0 to 100.

Especially desirable where exceptionally "fine" tuning is essential. Enhances the appearance of the highest quality radio cabinets and consoles. 4" embossed bronze finished square escutcheon. Supplied with two illuminating brackets.

### Airplane Type 2 $\frac{3}{8}$ " Dial

With Escutcheon



Complete EACH ..... **69c**

K10636—Upper scale marked 0 to 100. Lower scale 0-100. Ratio 5 to 1. Translucent peach colored scale has distinct dark brown indicating markings. 2 $\frac{3}{8}$ " bronze finished escutcheon. Mounts directly on a  $\frac{1}{4}$ " variable condenser shaft to the chassis base. Dial illuminator bracket not supplied.

## All Wave Five Color Giant 6 Inch Illuminated Airplane Dial



### With Reference Tuning

K10644—

List Price, \$4.00.

YOUR PRICE .....

**\$1.95**

Broadcast Band in red from 530 to 1700 Kilocycles. Police and Amateur Band in yellow from 1.6 to 4.5 Megacycles—Foreign Short Wave in green from 5.8 to 17 Megacycles. In addition the names of Foreign Countries are marked on the dial indicating where to receive these broadcasts. Beautiful five color castle design in center. Transversely illuminated. Colored figures, calibrations and hair-line white pointer stand out as if suspended against the opaque black background and give off a pleasing subdued fluorescent glow. Designed for counter clockwise condenser (especially decreases to right). Connects direct to  $\frac{3}{8}$ " drive shaft. Smooth friction drive. No backlash. Large scale spreads out stations and permits fine tuning. 1 $\frac{1}{2}$ " long.  $\frac{1}{4}$ " knob shaft. Mounts in 6" hole. Extra hole in cadmium plated dial bracket for mounting volume or Tone Control. 6 $\frac{1}{2}$ " bronze finished escutcheon and two illuminator brackets supplied.

### DRUM DIAL

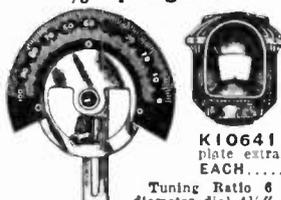


K10637 Without Plate **81c**

K10638 — Escutcheon Plate. Extra each .... **17c**

Full Vision, illuminated. Insulated socket included but no bulb. Spring ratio 7 $\frac{1}{2}$  to 1.  $\frac{1}{4}$ " inch shaft for knob.  $\frac{3}{8}$ " inch hole for condenser shaft. Celluloid scale 0-100. Bronze finish escutcheon plate 3 $\frac{1}{2}$ " high, 2 $\frac{1}{2}$ " wide. Fits Marvelo Model 30.

### 4 $\frac{1}{8}$ " Spring Friction Drive



Dial only. Each **54c**

K10639—Clockwise  
K10640—Counterclock

K10641—Escutcheon plate extra. EACH ..... **18c**

Tuning Ratio 6 to 1. Outside diameter dial 4 $\frac{1}{8}$ ". Shaft hole for  $\frac{3}{8}$ " shaft. Knob shaft  $\frac{1}{4}$ ". Celluloid scale. Pilot light socket. Bronze finish. Escutcheon plate 2 $\frac{3}{8}$ " high, 2 $\frac{3}{8}$ " wide.

### Full Vision Dial for Long and Short Wave Work



K10642—Clockwise  
K10643—Counterclock

**84c**

Complete Dial and escutcheon with pilot light socket. Extra high ratio 12 to 1. Friction drive. Full vision illuminated scale with traveling pointer. Bronze finish escutcheon plate 4 $\frac{1}{8}$ " wide, 2 $\frac{1}{4}$ " high. Takes  $\frac{3}{8}$ " shaft.

### Victor R-32 Pilot Lamp



Best Quality—American Made

110 Volt, 10 Watt Inside Frosted Especially for Victor R-32 and Colonial Receivers. May also be used in continuity tests to indicate open or short circuits. Intermediate base. **17c**

K10598— Ten for **\$1.65**

## Genuine Mazda Clear Pilot Lamps

Guaranteed quality. Made by General Electric and Westinghouse. Sold only in lots of ten. Clear bulbs. Finest quality bulbs made.

Clear Tubular Bulb—Min. Screw Base					
Stock Number	Volts	Amps.	List Each	Ten For	Mazda Num.
K10560	2.5	0.50	9c	54c	41
K10561	3.2	0.35	12c	73c	42
K10562	6.3	0.15	9c	54c	40
K10563	6.3	0.25	9c	54c	46

Clear Tubular Miniature Bayonet Base					
Stock Number	Volts	Amps.	List Each	Ten For	Mazda Num.
K10564	2.5	0.65	10c	59c	43
K10565	6.3	0.25	10c	59c	44

Clear Round Bulb—Min. Bayonet Base					
Stock Number	Volts	Amps.	List Each	Ten For	Mazda Num.
K10566	6-8	1.0	7c	41c	51
K10567	6-8	1.5	7c	41c	55

Clear Round Bulb—Miniature Screw Base					
Stock Number	Volts	Amps.	List Each	Ten For	Mazda Num.
K10568*	2.2	0.25	9c	54c	223
K10569	2.3	0.25	9c	54c	233
K10570	2.5	0.30	9c	54c	14
K10571	3.8	0.30	9c	54c	13
K10572	6.8	0.20	10c	59c	50

\*Has flat topped bulb.

### Clear Low Drain Bulbs

For Use with Air Cell Battery 2V. Storage Battery or 3V. "A" Pack

Clear Tubular Bulb—Min. Screw Base					
Stock Number	Volts	Amps.	List Each	Ten For	Mazda Num.
K10573	2.0	0.06	20c	51.18	

Clear Tubular Miniature Bayonet Base					
Stock Number	Volts	Amps.	List Each	Ten For	Mazda Num.
K10574	2.0	0.06	22c	51.29	

## Genuine Mazda Colored Pilot Lamps

Colored Tubular Bulb—Min. Screw Base						
Stock Num.	Volts	Amps.	Color	List Pa.	Ten For	Maz. No.
K10575	2.5	0.50	White	12c	\$0.71	41W
K10576			Green	19c	1.14	41G
K10577			Red	19c	1.14	41R
K10578	6.3	0.25	White	12c	.71	46W
K10579			Green	19c	1.14	46G
K10580			Red	19c	1.14	46R

Colored Tubular Bulb—Min. Bayonet Base						
Stock Num.	Volts	Amps.	Color	List Ea.	Ten For	Maz. No.
K10581	2.5	0.65	White	15c	\$0.90	43W
K10582			Green	20c	1.20	43G
K10583			Red	20c	1.20	43R
K10584	6.3	0.25	White	15c	.90	44W
K10585			Green	20c	1.20	44G
K10586			Red	20c	1.20	44R

Colored Round Bulb—Min. Screw Base						
Stock Num.	Volts	Amps.	Color	List Ea.	Ten For	Maz. No.
K10587	6-8	0.20	White	13c	78c	50W
K10588			Green	13c	78c	50R
K10589			Red	13c	78c	50G

Colored Round Bulb—Min. Bayonet Base						
Stock Num.	Volts	C. P.	Color	List Ea.	Ten For	Maz. No.
K10590	6-8	1.0	White	12c	71c	51W
K10591			Green	13c	78c	51G
K10592			Red	13c	78c	51R

### Imported Pilot Light Bulbs

Not equal to domestic bulbs in length of life nor efficiency. Tubular shape. Miniature Screw Base.

Article Number	Volts	Ten For	Per Hundred
K10595	2.5	29c	\$2.45
K10596	3.9	29c	2.45
K10597	6.3	29c	2.45

# Walnut Knobs

*Finest Quality. Rich Looking*

Turned out of solid end cut genuine Walnut. All one piece. Finely finished. Solid brass, bushing with set screw. Fit all 1/4 inch shaft controls. Including those with flattened side for push-on spring type knobs. Dimensions given are diameters. Heights all about 3/4 inch.

## Futuristic



1 1/2" K11386 1 1/2" K11387 1" K11388 3/4" K11389

## Plain



## Hexagonal



1 1/2" K11390 3/4" K11391 1 1/2" K11392 1" K11393

## La Rose



1 1/2" K11394 3/4" K11395 1" K11396 3/4" K11397

EACH **9¢** Ten for 76¢ Per Hundred \$7.25 (May be assorted)

# Bakelite Knobs



1 1/2" K11379— Each ... **6¢** 1" K11380— Ten for **55¢** Per Hundred \$5.25 1 1/2" K11381— Each ... **4¢**

Finished in beautiful two-tone walnut. Will harmonize well with wooden panels. 1/4" shaft hole. Set screw. Polished black bakelite. White arrow pointer. Ten for **34¢**

## Newest Bakelite Knobs



Newest patterns. Cleanly moulded of best quality genuine bakelite. All for 1/4" shafts. Ten for **34¢**

K11382—Style A 1" across, 1 1/2" high. Walnut finish.

K11383—Style B 1 1/2" diameter, 3/4" high. For Magnet Sets. Polished black finish.

K11384—Style C 1" across, 3/4" high. Polished black finish.

K11385—Style D with Pointer, 1 1/2" across including pointer, 3/4" high. For smallest meters. Each Walnut finish. **6¢**

Ten for **45¢**

## Equalizer



A small neutralizing or balancing condenser, having an exceptionally wide capacity range. For equalizing the units of a multiple-tuning condenser. Bakelite base mount, mica dielectric and a heavy phosphor-bronze spring plate. Minimum capacity, 2 mfd's. Shpg. wt., 6 oz.

K8486—EC-35—2 to 35 mfd's. List, 50¢. YOUR PRICE **14¢**

K8487—EC-80—20 to 100 mfd's. List, 60¢. YOUR PRICE **15¢**

## Insulated Flexible Coupling

An insulated flexible coupling device for ganging condensers. Shpg. wt., 5 oz.

K10608—List, 35¢. YOUR PRICE **21¢**

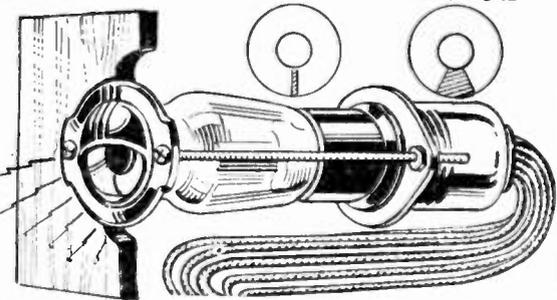


# New Improved MAGIC EYE Assembly

Assembled and Wired for Quick Easy Installation in Any Receiver

IN TUNE OUT OF TUNE

New Improved assembly allows tuning eye to project beyond face of cabinet permitting visibility from almost any angle. Entire assembly including new canopy type escutcheon is securely mounted in place with only two screws.



K10605—Tuning Indicator complete with cable attached, escutcheon, two 1/2" long ornamental head screws and nuts, instructions and diagram. Tube not included. List Price, \$1.50.

YOUR PRICE **68¢**

## A Big Profit Item

Servicemen! take advantage of the thousands of dollars that are being spent on advertising new **Magic Eye Tuning!** Sell and install the Visual Tuning Indicator on the many modern radio sets not already equipped with visual tuning. It shows troublesome meter types of indicators. You can easily obtain from \$5.00 to \$10.00 for each installation. Superior in performance to other types of tuning indicators. Entirely electrical in action hence eliminates possibilities of mechanical trouble. Extremely accurate and sensitive. Designed for sets using Automatic Volume Control but can be used on other sets by changing circuit to A.V.C. Only five connections are necessary. Diameter of Tuning Eye Escutcheon 1 1/2". Space required back of panel only 8". Mount with only two screws. Compactness permits installation in any Table model or Console model receiver.

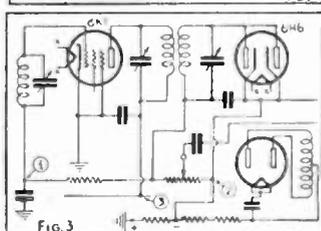
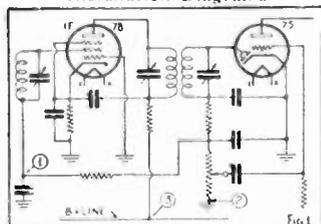
## Magic Eye Tubes

Radolek was first to introduce the Magic Eye assembly to radio servicemen in the form of a modernization kit for both 6 volt and 2.5 volt receivers. Radolek again leads with this new improved kit that is even more simple to install and mounts even more rigidly than our earlier assembly—and at a new low price.

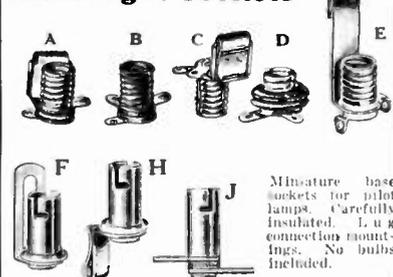
K1035—Sylvania 6E5, for sets using 6V. Tubes. K1024—Sylvania 2E5, for sets using 2.5V. Tubes.

YOUR PRICE, EACH **85¢**

## Installation Diagrams



## Pilot Light Sockets



Miniature base sockets for pilot lamps. Carefully insulated. Plug connection mountings. No bulbs included. Your Price Each **5¢** Ten for **40¢** 100 for **\$3.70**

## Miniature Screw Shell Type

- A. K10610—Upright Clip Mount.
- B. K10611—Hivet Mount.
- C. K10612—Reverse Clip Mount.
- D. K10613—Rubber Grommet Mount.
- E. K10614—Long Clip. Clip Mount.
- Miniature Bayonet Shell Type
- F. K10615—Reverse Clip Mount.
- G. K10616—Slotted Bracket Mount.
- H. K10617—Hivet Type Mount.

## New Improved Magic Eye Tube for Radios Using 6 Volt Tubes

New Sylvania Type 6G5 Satisfactory Performance Regardless of Signal Strength All possibility of crossed over or overlapping visual tuning segment is eliminated. Remote control out of characteristic of tube prevents excessive A.V.C. voltage, which is present when tuning strong signals, from overloading tube. Equally efficient on weak signals as type 6E5 tube. Interchangeable with type 6E5 tube. K1038—Sylvania 6G5 Tube. YOUR PRICE **85¢**



## Dial Drive Friction Rubbers

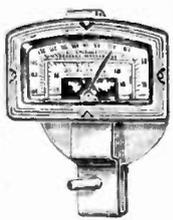
Especially designed for Atwater Kent, R.C.A., Stewart Warner, Olson, Emerson, Kennedy and others. Eliminates expense of replacing complete assemblies. K4150 Box of 24 Assorted. List Price, \$1.50. YOUR PRICE **88¢**



## New Two Band 3 1/4" Oval Dial

With Escutcheon and Pilot Lamp Socket. Complete. EACH **76¢**

K10646 Outer scale calibrated 55 to 1600 kilocycles. Inner scale 1.6 to 45 megacycles. Ratio 6:1. Unbreakable lens. Translucent peach colored dial scale with distinct dark brown markings. Smooth friction drive. No back lash. Tapped screw holes in frame for attaching to condenser. Fits either 3/8" or 1/2" condenser shafts. Knob markings. Hair line pointer and condenser travel in same direction. Embossed bronze finished 3/4" escutcheon. Cadmium plated frame.



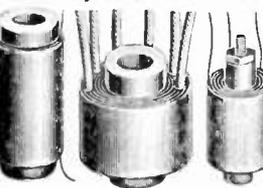
## 3 Band All Wave Giant Airplane 5" Dial

With Escutcheon and Two Lamp Sockets. Complete. EACH **\$1.49**

K10645—Upper scale (Broadcast Band) calibrated 55 to 1500 kc. Lower scale (Foreign Band) calibrated 6 to 15 Mc. Upper center scale (Police Amateur and Aviation Band) calibrated 1600 to 4300 Kc. The Foreign Band in addition to the megacycle markings is calibrated in meters and is plainly marked with names of Foreign Countries indicating where to find them. Ratio 12:1. A large dial suitable for the finest receivers. Embossed bronze finished 6" escutcheon. Same description as top of page 81.



### Replacement Coils for Majestic Receivers



**Type A** **Type B** **Type C**  
Designed to replace the I.F. section in complete Majestic coil assemblies. Exactly duplicate the I.F. section. Thoroughly impregnated and impervious to moisture. These coils are not recommended unless facilities for proper balancing of the completed coil assembly are available. For an exact duplicate replacement of the entire coil assembly (exact duplicate replacements are pre-tuned, no complicated adjustments are necessary) make your selection from the listing at right.

Majestic Part No.	Receiver Model	Type	Stock No.	Your Price
4428	15, 15B, 55, 150	C	K9505	35c
4429	15, 15B, 55, 150	B	K9506	41c
8384	150	A	K9507	
5327	25	A	K9508	53c
5601	25B	A	K9509	53c
5601	25B	A	K9510	41c
6506	55	C	K9511	41c
10589				
10078	66	A	K9512	41c
10098				
10591	66	B	K9513	41c
7643	114	B	K9514	
9355	116	A	K9515	41c
9361	116	B	K9516	
6987	120B	D	K9517	41c
6250	200	C	K9518	41c
6254	200	A	K9519	53c
6119	210	A	K9520	41c
6123	210	A	K9521	41c
6127	210	G	K9522	59c
6688	220	A	K9523	59c
6572	220	B	K9524	41c
6592	220	B	K9525	53c
7205	290, 300	A	K9526	41c
7230	300, 300	A	K9527	53c
7821	310A, 310B, 339, 800	A	K9528	41c
7812	310A, 310B, 330, 800	B	K9529	47c
9084	360	B	K9530	41c
9669	400	A	K9531	
10148				
10149	460	A	K9532	41c
10843	500	A	K9533	
11705	500	A	K9534	
10253				
11014	460	B	K9582	50c

Primary coil used as R.F. Plate coil in Models 290, 300, 310, 330, 400, 500, and 800. Majestic Number 7187. K9536—List Price, 75c. **YOUR PRICE..... 41c**

### R. F. Chokes

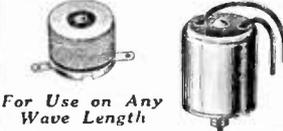
**Lattice Wound—Mounted**  
Small, compact, lattice wound coils using silk covered enameled wire. Units are wound to accurate inductance and have a high R.F. impedance. Hole in center.



Stock No.	Milli-henries	Stock No.	Milli-henries
K9720	1 1/4	K9725	8
K9721	2 1/2	K9726	10
K9722	3 1/2	K9727	16
K9723	5 1/2		
K9724	6		

**PRICE, EACH... 15c**  
**K9728** 30 mh. **PRICE, EACH... 27c**  
**K9729** 60 mh. **PRICE, EACH... 47c**  
**K9730** 80 mh.

### Radio Frequency Chokes



**For Use on Any Wave Length**  
Unshielded coils have solder lugs securely anchored to ceramic form. Shielded coils are completely shielded in aluminum case 1 3/4" diam., 1 1/2" long. Insulated wire leads. Single mount screw projects 5/8".

Unshielded		Shielded	
Stock Number	Milli-henries	Stock Number	Milli-henries
K9731	80	K9738	80
K9732	60	K9739	60
K9733	30	K9740	30

**Your Price, Ea. 34c** **Your Price, Ea. 42c**

Unshielded		Shielded	
Stock Number	Milli-henries	Stock Number	Milli-henries
K9734	10	K9741	10
K9735	5 1/2	K9742	5 1/2
K9736	3 1/2	K9743	3 1/2
K9737	2 1/2	K9744	2 1/2

**Your Price, Ea. 24c** **Your Price, Ea. 32c**

### Tuning Wand

WITH FLEXIBLE SHAFT  
K9788—List, \$1.00. **59c**  
**YOUR PRICE..... 59c**  
For checking alignment in all-wave receivers without disturbing the adjustment of the trimmer capacitors. A flexible strong fibre rod with a brass cylinder on one end and a special finely divided iron core at the other end. Inserting the brass cylinder into a coil lowers its inductance, while inserting the iron increases the inductance. Proper adjustment is evidenced by a reduction in output with either end of the wand inserted into coil.

## Popular Coil Replacements

Exactly duplicate original coil. Wherever coil is complete with trimmers, shield etc. it is referred to as an assembly; otherwise coil only is furnished. See coil repair service on opposite page for coils not listed.

Model Receiver	Stock Num.	Your Price
<b>APEX</b> 7AC, 99-Composite IF and Osc. Assembly 8A-1F Coil Only 24-1F & Osc. Assembly 99-1Pre Selector Coil	K9620 K9621 K9622 K9623	\$1.47 .59 1.76 .88
<b>BELMONT</b> 50-1F & Osc. Assembly 50-1Pre Selector Coil 50C, 51C, C19-Composite IF & Osc. Assem.	K9624 K9625 K9626	1.47 .59 1.47
<b>BRUNSWICK</b> S14-Antenna Coil	K9627	.59
<b>CLARION</b> 100-2nd IF Coil Only 140-2nd IF Coil Only 220-1F & Osc. Assem. 220-1F & Osc. Assem. 220-2nd IF Coil Only 250, 300-1st IF Coil 260-2nd IF Coil Only 320-1F & Osc. Assem. 320-2nd IF Coil Only	K9628 K9629 K9630 K9631 K9632 K9633 K9634 K9635 K9636	.59 .59 1.47 .59 .59 .59 1.47 1.47 1.47 1.47

Model Receiver	Stock Num.	Your Price
360-1st IF Coil Only	K9637	\$0.59
360-2nd IF Coil Only	K9638	.59
400-Antenna Coil	K9639	.59
480-1st IF & Osc. Assem.	K9640	1.47
<b>CROSLEY</b> 27-RF Coil Only 27-Antenna Coil Only 33, 54, 57-RF Coil 53, 54, 57-Ant. Coil 124-1st IF Assembly 124-2nd IF Coil	K9641 K9642 K9643 K9644 K9645 K9646	.59 .59 .59 .59 1.03 .44
<b>PHILCO</b> 16-1F (Pt. 32-1188) 38-1st IF (Pt. 32-1251) 54-1F (Pt. 32-1117) 57, 58, 59-1F Coil (Pt. 32-1155)	K9647 K9648 K9650 K9651	.38 .61 .88 .70
<b>RCA</b> M31, 105-1st IF Coil 60, 62, 64 1st IF Coil 60, 62, 64 2nd IF Coil 60, 62, 64 3rd IF Coil 80, 82, 86, RA168 1st IF Coil (Pt. 8567) 2nd IF Coil (Pt. 8565) 3rd IF Coil (Pt. 8566) R4, R5, R5DC, R5X, R6, R7, R7A, R7DC, R9DC, R9, RE16, RF-16A, RF-1 (Pt. 2991), 2nd I.F. Coil (Pt. 2992)	K9655 K9656 K9657 K9658 K9659 K9660 K9661 K9662 K9663	.47 .59 .59 .59 .59 .59 .59 .59 .59
<b>STEWART-WARNER</b> R123 Antenna	K9666	.44

# Meissner

## EXACT DUPLICATE for all Majestic



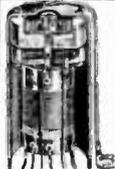
**Exact Original Manufacturers Specifications**  
Each coil is completely assembled and an exact electrical and physical duplicate of the original. Size, mounting holes, trimmers, and color coded leads are carefully followed. The word "Complete" after any coil description signifies that the shield can and trimmer condenser are included.

Majestic Model No.	Majestic Part No.	Description	Stock Number	Your Price
<b>15</b>	4428	1st I. F. Trans. & Osc. Complete	K9540	\$1.47
	4429 8384	2nd I. F. Trans. Complete	K9541	.88
<b>15B</b>	4428	1st I. F. Trans. and Osc. Complete	K9540	1.47
	4429 8384	2nd I. F. Trans. Complete	K9541	.88
	5490 6488	1st I. F. Trans., less can 2nd I. F. Trans., less can	K9542 K9543	.59 .44
<b>Chassis 20 Models 21, 22, 23</b>	3908	1st I. F. Trans. Complete	K9544	1.47
	3960 3907	2nd I. F. Trans. Complete	K9545	1.76
<b>25</b>	5326	1st I. F. Trans. Complete	K9546	1.03
	5337	2nd I. F. Trans. Complete	K9547	1.03
	5346	2nd R. F. Primary Choke	K9548	.29
<b>25B</b>	5602	1st I. F. Trans. Complete	K9549	1.17
	5601	2nd I. F. Trans. Complete	K9550	1.17
	5346	2nd R. F. Primary Choke	K9548	.29
<b>35</b>	5768	1st I. F. Trans. Complete	K9551	1.47
	5771	2nd I. F. Trans. Complete	K9552	.88
	5773	3rd I. F. Trans. Complete	K9553	.88
<b>55</b>	6506	1st I. F. Trans. and Osc. Complete	K9554	1.62
	4129 8384	2nd I. F. Trans. Complete with can and trimmer	K9541	.88
	5490 6488	1st R. F. Trans., less can 2nd R. F. Trans., less can	K9542 K9543	.59 .44
<b>60</b>	4439	1st I. F. Trans. Complete	K9555	1.76
	4267 4464	2nd I. F. Trans. Tapped, Complete	K9556	1.76
<b>66</b>	10078	1st I. F. Trans. Complete	K9557	1.17
	10079			
	10589			
	10098			
	10099			
	10591			
	10017			
10015	Ant. Coll, less can	K9559	.53	
10020	Oscillator Coll, less can	K9560	.44	
10013	R. F. Coil Assembly, less can	K9561	.59	
10014	R. F. Choke, less can	K9562	.29	
<b>114</b>	8323	1st I. F. Trans. Complete	K9563	1.17
	7643	2nd I. F. Trans., less can	K9564	.53
<b>120B</b>	6984	1st I. F. Trans. Complete	K9565	1.70
	6987	2nd I. F. Trans. Complete	K9566	1.47
<b>150</b>	4428	1st I. F. Trans. and Osc. Complete	K9540	1.47
	4429 8384	2nd I. F. Trans. Complete	K9541	.88
	5490 5488	1st R. F. Trans., less can 2nd R. F. Trans., less can	K9542 K9543	.59 .44
<b>160</b>	4439	1st I. F. Trans. Complete	K9555	1.76
	4464 4267	2nd I. F. Trans. Tapped, Complete	K9556	1.76
<b>200</b>	6250	1st I. F. Trans. Complete	K9567	1.17
	6254	2nd I. F. Trans. Complete	K9568	1.17
	6263	R. F. Trans., less can	K9569	.73
<b>210</b>	6119	1st I. F. Trans. Complete	K9570	1.03
	6123 6084	2nd I. F. Trans. Complete	K9571	.88
	6127 6308 5346	3rd I. F. Trans. Complete Ant. Coll, less can 2nd R. F. Primary Choke	K9572 K9573 K9548	.73 .38 .29
<b>310A and 310B</b>	8995	1st I. F. Trans. Complete	K9574	1.04
	7821 7822			
	7812	2nd I. F. Trans. Coll only	K9575	.47
<b>330 and 390</b>	7812	2nd I. F. Trans., coll only	K9575	.47
	8730 8867	R. F. Coll, less can R. F. Choke, less can	K9576 K9562	.73 .29
<b>360</b>	8995	1st I. F. Trans. Complete	K9574	.88
	7821 7822			
	9094 8729 8730	2nd I. F. Trans. No Can Ant. Coll Complete, less can R. F. Coll, less can	K9577 K9578 K9576	.35 .73 .73
<b>370</b>	9225	1st I. F. Trans. and Osc., Complete	K9579	.88
	9229 9668	2nd I. F. Coll, less can	K9580	.47
<b>390</b>	Model 390—Same as 330			

# Meissner

## REPLACEMENT COILS

### RECEIVERS.



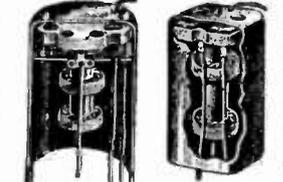
**Transformers Pre-Tuned at Factory**  
Guaranteed Electrically and Mechanically Perfect

Coils are all precision machine wound. Highest quality materials and workmanship. Thorough impregnation eliminates corrosion and insures long and satisfactory operation even in humid climates.

Majestic Model No.	Part No.	Description	Stock Number	Your Price
460	10148	1st I. F. Trans. Complete	K9581	.88
	10149			
	9747	2nd I. F. Trans., less can	K9582	.50
	9748			
	10196	Ant. Coll, less can	K9583	.47
	10197	Oscillator Coil, less can	K9584	.35
9750	R. F. Coll, less can	K9585	.47	
9751				
8857	R. F. Choke, less can	K9582	.29	
490	9747	Ant. Coll, less can	K9583	.47
	9748			
	9750	R. F. Coll, less can	K9585	.47
9751	R. F. Choke, less can	K9582	.29	
500	10843	1st I. F. Trans. Complete	K9586	1.32
	11705			
	10852	2nd I. F. Trans. Complete	K9587	1.17
	10857			
	10860	Ant. Coll, less can	K9589	.47
	10860	Oscillator Low Freq., less can	K9590	.25
10860	Oscillator High Freq., less can	K9591	.35	
520	9747	Ant. Coll, less can	K9583	.47
	9748			
	10196	Oscillator Coil, less can	K9584	.35
570	9747	Ant. Coll, less can	K9583	.47
	9748			
	9750	R. F. Coll, less can	K9585	.47
	9751			
8857	R. F. Choke, less can	K9582	.29	
800	8995	1st I. F. Trans. Complete	K9574	.88
	7821			
	7822	2nd I. F. Trans., less can	K9582	.50
	10253			
	11014	Ant. Coll, no can	K9583	.47
	9745			
9747	R. F. Coll, no can	K9585	.47	
9750				
9751	R. F. Choke, less can	K9582	.29	

### I. F. Transformers

In Metal Shield with Double Tuning Condensers



For use as replacements or in new set design. Can be used in any combination required for the I. F. stages. The tuning condensers are of the mica compression type, on insulating bases and are adjustable from the top of the shield can. Leads are color coded. Diagram is furnished with each unit. Double Tuned.

Input	Output	Peak K. C.	Frequency Range
K9766	K9767	465	442-470
K9768	K9769	175	168-180

YOUR PRICE ..... **69¢**

### I.F. Coils in Square Shield

Shield Size 1 1/4" Square x 3/4" High Spade Bolt Mounting Centers 1 1/4"

Input	Output	Peak K. C.	Frequency Range
K9770	K9771	465	442-470
K9772	K9773	175	168-180

YOUR PRICE ..... **73¢**

### Primary Replacement Coil Windings



High impedance coil and sliding in place. Sliding of collar permits variation of coupling in relation to secondary. Every serviceman should have a set of these for emergency repairs. Sizes given are for outside diameter of portion on defective coil where replacement collar is to be used.  
K9757—for 1 1/4" O.D. Coils  
K9758—for 1" O.D. Coils  
K9759—for 3/4" O.D. Coils  
K9760—for 1/2" O.D. Coils  
YOUR PRICE, EACH ..... **15¢**

### Litz Wound Antenna and R. F. Amplifier Coils Shielded



High Impedance—Low Impedance Shield Size 1 1/2" Diameter x 2 1/4" High  
Spade Bolt Mounting Centers 1 3/4"  
K9774—High Impedance Antenna Coil.  
K9775—High Impedance R. F. Coil.  
YOUR PRICE, EACH ..... **33¢**  
K9776—Low Impedance Antenna Coil.  
K9777—Low Impedance R. F. Coil.  
YOUR PRICE, EACH ..... **28¢**

These coils are matched for use with 000363 mfd (40035) Variable Condensers. This value condenser is used in the majority of sets that are in operation today. We recommend that a complete set of coils be replaced in a receiver in order to obtain maximum efficiency. Whatever combination of coils is selected, we will ship them perfectly matched. Coils are precision machine wound and use the best of materials. Thoroughly impregnated and impervious to moisture. The proper relation between tube diameter and wire size has been efficiently chosen and, regardless of the size of the coil to be substituted, the particular size shown will make an excellent replacement. The difference between low impedance and high impedance coils is in the primary windings. Instead of having a primary with comparatively few turns wound over the secondary as furnished in all low impedance coils, the high impedance antenna coil has a lateral or honey-comb winding directly adjacent to the secondary. High impedance coils are necessary where screen-grid tubes are used in the circuits and furnish a maximum gain throughout the entire wave band. Litz coils can be readily substituted for Enamel and furnish approximately 20 per cent higher gain and increased selectivity over the broadcast band.

### Unshielded Litz Coils



The same as those listed above except without shield. Supplied on a standard 7/8" outside diameter by 2 1/4" high coil form. Mounting bracket and dowel with mounting collar supplied enable mounting of coil in any position.  
High Impedance Coils  
K9778—Antenna Coil.  
K9779—R. F. Coil.  
YOUR PRICE, EACH ..... **32¢**  
Low Impedance Coils  
K9780—Antenna Coil.  
K9781—R. F. Coil.  
YOUR PRICE, EACH ..... **27¢**

### Short Wave Shunts

K9785—  
Your Price, Ea. **17¢**  
Enables receivers designed only for the regular 300 to 550 meter band to include 75 to 200 meter Short Wave Bands. Small size, 7/8"x3/4" high. Diagram showing how to connect in the circuit included. One Short Wave Shunt is required for each antenna and each R.F. coil.

### Iron Core R. F. Chokes

High "Q", R.F. chokes for use where ever air chokes may be used. Decreased size attributes to lower capacity and R.F. resistance, which increases gain and selectivity of circuits in which used.

Stock Number	Milli Henries	List Price	Your Price
K9745	2.5	\$.60	35¢
K9746	3.5	.80	35¢
K9747	5.5	.85	38¢
K9748	10	.75	44¢
K9749	30	.85	50¢
K9750	60	1.00	59¢
K9751	80	1.15	68¢
K9752	125	1.50	88¢

### Philco Replacement Coils

Replacement coils for every model Philco Home or Auto Radios are listed on pages number 134 to 139. Use Genuine Philco repair parts for Philco sets and buy them from Radolek. You can depend on Radolek.

### Coil Repair and Renewal Service



### Antenna, R.F., I.F., and Oscillator Coils Guaranteed Performance

In practically every instance the defective coil will be checked against and rebuilt according to the original manufacturer's specifications. This special engineering service insures receiving an exact duplicate of the original. We guarantee that the re-manufactured coil will be returned to you in perfect working condition and with electrical characteristics exactly like the original. Most re-manufactured coils will give performance far superior to the original.

R. F. Antenna and single section I.F. coils  
KX11959—  
YOUR PRICE ..... **\$1.45**  
Double Section I.F. Coils  
KX11960—  
YOUR PRICE ..... **\$1.75**  
Combination Oscillator and I.F. Coils (Composite).  
KX11961—  
YOUR PRICE ..... **\$1.95**

**Send Defective Coil And Requested Information**  
Send original defective coil with following information: Receiver name and model, state bands covered, number and types of tubes used and number of sections in gang condenser. If coil is shielded include shield. If the coil you send is identified as a regularly stocked item we will immediately ship an exact duplicate at the lowest dealer price.

### Meissner New Triple Tuned I. F. Transformers



Greater High Fidelity with Increased Selectivity and Sensitivity.  
K9786—456 Kc. Input.  
K9787—456 Kc. Output.  
List Price, \$3.00.  
YOUR PRICE **\$1.32** EACH  
Greater High Fidelity reproduction without any sacrifice of sensitivity or selectivity. The selectivity curve has a flat top over practically the entire 10 Kc. range which permits reception over the complete audio range—no cutting of side bands yet positive 10 Kc. separation. One stage of Triple Tuned I.F. gives twice the selectivity of a Double Tuned stage. Triple tube windings are each individually tuned. Adjusting trimmers are at side of shield can. Frequency range variable from 450 to 470 Kc. Easy to install. Connections are practically the same as other I.F.'s with exception of one additional ground lead. Makes an ideal replacement for improving the selectivity of all sets having only one stage of I. F. amplification. Metal shield 2" square by 6" high. Spade bolt mounts. Diagram and instructions.

### Midget Antenna R. F. and Oscillator Coils



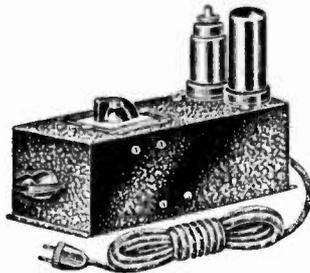
1 1/2"x1 3/4" High  
K9782—Ant. Coil.  
K9783—R. F. Coil.  
K9784—Osc. Coil.  
(For 175 KC)  
YOUR PRICE, EACH ..... **44¢**  
Small size high gain shielded coils. Designed for Superheterodyne and T. R. F. receivers requiring compact efficient coils. Newest type Litz wire sectional winding with low R.F. resistance and distributed capacity. For use with 000365 (40035) Mfd variable condensers. Desirable for auto radio construction as well as home receivers because of their compactness and efficiency. All coils are perfectly matched and may be used in any combination desired. Supplied complete with wiring diagram.

## Every Radio Owner A Prospect

Three new Meissner products which will be demanded by radio set owners. Properly presented they will sell themselves and add greatly to your earnings. Carry one of each with you on your service calls. Demonstrate the remote control to all radio owners. The convenience of tuning the radio from any room or location will appeal to everyone. Solicit taverns, restaurants, etc., where the radio is placed out of reach. The remote control will be welcomed in almost every instance. Hook-up the Noise Silencer for all short wave and DX enthusiasts, and use it on all service calls where the complaint is noise. Show the all-wave receiver owner how to get unbelievable distance with the Beat Frequency Oscillator. These three units will sell on sight. Give your customers a chance to see them.

## Wire These Units Yourself

All three Meissner Units come completely assembled with full wiring instructions. All the component parts are securely mounted in place on the already cut and drilled chassis bases. Not more than fifteen minutes are required to hook-up each unit. This fifteen minutes work affords you great savings. The only tool required is a soldering iron. All three units are of the high quality which has made Meissner products famous. Each unit is guaranteed to perform the function for which it is recommended. Black crystalline chassis. Size: 3 1/2" x 1 1/2" x 2 1/2". Each unit supplies its own power. No batteries or eliminators are necessary nor is there any drain placed on the power supply of the radio receiver. Complete operating instructions supplied. Order a sample of each unit today and begin to make extra profits.



### Remote Control Unit

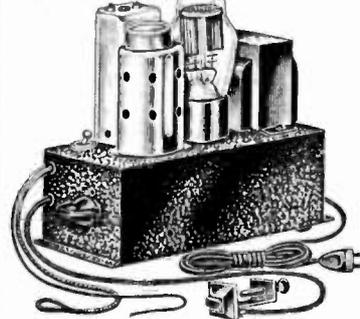
#### Tunes Any Radio From A Distance

**K16650**—Remote control unit for broadcast reception only. Completely assembled and ready to wire. Detailed diagrams and instructions supplied. Uses 1 type 25Z6, and 1 type 6A8 all metal tubes. Tubes are not included.

List Price, \$11.50. **\$6.76**

#### YOUR PRICE

Selects stations and controls volume at great distances from the receiver. Operates efficiently. No complicated motors, relays, etc., which made the old time remote controls impractical. The only connections necessary are a single duplex wire from the unit to the receiver and the insertion of the AC plug into a wall receptacle. Unit is completely self powered and needs no batteries or leads to the power supply of the receiver. Operates independently of the radio controls on the receiver. Ideal for homes and a positive necessity for invalids, taverns, restaurants, etc. The arm chair lover's companion. The possibilities of this unit are unlimited. Etched and polished control enclosures. Bakelite bar type control knobs. Black crystal finished metal chassis. Entire assembly is attractively finished.



### Beat Frequency Oscillator

**K16651**—Beat Frequency Oscillator for 105-120 volt 50-60 cycle A.C. operation completely assembled and ready to wire. Detailed diagrams and instruction supplied. Uses 1 type 76 and 1 type 80 tubes. Tubes not included. Designed to operate on 456-465 kc. receivers.

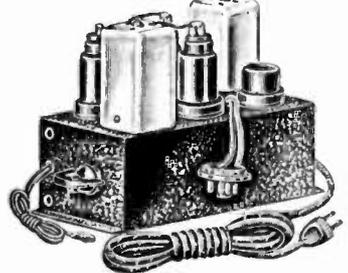
List Price, \$11.50. **\$6.76**

#### YOUR PRICE

A necessary accessory for every modern all wave receiver. Tuning in distant or weak short wave stations is made easy. Enables listening to code signals. A demonstration of this unit easily and quickly locating foreign station after foreign station on your customer's radio, will sell the oscillator every time. Simply plug into AC receptacle and bring a single lead to I.F. grid cap. The oscillator signal (whistle) can be cut in or out at will by means of switch on chassis. Will not unbalance receiver. Has built in power supply.

**K16652**—Same as above except for battery operation. Uses one type 30 tube. Tubes not included. List Price, \$5.00. **\$2.94**

#### YOUR PRICE



### Deluxe Noise Silencer

#### Reduces All Radio Noises

**K16653**—For 456-465 kc. radios.

**K16654**—For 175 kc. radios.

List Price, \$11.50. **\$6.76**

#### YOUR PRICE, EACH

The greatest step forward in eliminating "man made" noise, static, atmospheric noises, and other interference on any all wave or short wave super-het. Even notoriously noisy short wave reception is made enjoyable. Enables receivers to pick-up extremely weak DX signals which were previously submerged in local noises. This circuit, designed by J. J. Lamb of QST, will operate with any superhetrodyne regardless of number of I.F. stages. Phase control allows critical adjustment to suit prevailing noise level. An additional I.F. stage is incorporated to compensate for any losses. Noise Silencer supplies its own power and does not drain or unbalance the receiver it is used with. Compact design permits installing unit permanently in receiver console. Two models: For 456-465 kc I.F. receivers requiring a six prong adapter and for 175 kc I.F. radios requiring a five prong adapter. Uses four metal tubes, (1-6K7, 1-6L7, 1-6J7, 1-6H6). Tubes not included. Assembled and ready to wire. Detailed diagrams and instructions.

## Meissner Ferrocort Iron Core I.F. Transformers



Provide improved performance. Lateral coil windings on iron core of microscopically fine particles. Individually insulated. Have reduced core and winding losses to a minimum. Gain is twice that of the air core types. Selectivity is so improved that receivers having normally poor separation can be converted into receivers having positive 10 kc. separation or better. Only one I.F. in an old receiver need be replaced. In all cases use of these I.F. transformers as replacements, will give results far superior to those obtained from the original unit. Microphonic noises are eliminated. Gain is doubled. Signal is increased. Complete instructions and recommendations for circuit improvements are included. Complete shielding prevents dust particles, etc. from shorting trimmer condensers. Double tuned mica compensators. Dimensions of shield: 1 3/4" square x 3 3/4" high.

Stock Num.	Freq. K. C.	Operating Extremes	Position In Set
K9690	175	170-180	Input
K9691	175	170-180	In-stage
K9692	175	170-180	Output
K9693	175	170-180	Output C.T.
K9694	456	440-470	Input
K9695	456	440-470	In-stage
K9696	456	440-470	Out
K9697	456	440-470	Output C.T.

List Price, \$2.00. **YOUR PRICE, EACH ... \$1.18**

## Meissner Air Tuned Iron Core I.F. Transformers



The type of I.F. transformer for which custom set builders have been waiting. Also the finest unit for replacement and modernization. New type dual air trimmers afford 3600 degrees of tuning range (10 complete revolutions of adjusting screw). Perfect linear, microner alignment. Air dielectric condensers maintain original setting within 1/10 of 1% as compared to the 2% variation of the best mica dielectric condensers, despite extreme temperature and humidity changes and violent vibrations. Iron core of microscopically fine particles individually insulated reduces core and winding losses to a minimum. Increases both selectivity and sensitivity. Eliminates microphonic noises. Complete shielding prevents dust particles, etc., from shorting trimmer condensers. Outside dimensions of shield, 2" square x 3 3/4" high. Spade bolt mounting. Complete instructions and recommendations for circuit improvements included.

Stock Num.	Freq. K. C.	Operating Extremes	Position In Set
K9698	175	170-180	Input
K9699	175	170-180	In-stage
K9700	175	170-180	Output
K9701	175	170-180	Output C.T.
K9702	456	440-470	Input
K9703	456	440-470	In-stage
K9704	456	440-470	Output
K9705	456	440-470	Output C.T.

List Price, \$4.50. **YOUR PRICE, EACH ... \$2.65**

## Meissner Iron Core Band Expanding I.F. Transformer



Permits razor sharp tuning necessary for CW and foreign reception or the broad band width necessary for high-fidelity reception. Electrically variable. No cams or shafts are necessary. Cuts with two taps permit either 5Kc., 10 Kc., band width. Cuts with three taps permit either 2 1/2 Kc., 7 1/2 Kc., or 10 Kc., band width. A two or three position rotary type selector switch is used for this purpose. For installation in any receiver having 456 Kc. circuit. Construction is similar to other iron core I.F. transformers described in first two columns. Installation is similar to any I.F. transformer except for the three lugs for connection to selector switch. Only one unit is required regardless of number of I.F. coils used in receiver. Recommended as first I.F. Spade bolt mounting. Diagrams and instructions supplied. Switch not included.

**For 465 KC. Operation**  
Operating Extremes 440 to 470 KC.  
**With Double Tuned Mica Trimmers**

Stock Num.	Num. Taps	Container Size Inches	YOUR PRICE
K9706	2	1 3/4 x 1 3/4 x 3 1/2	\$1.76
K9707	3	1 5/8 x 1 5/8 x 3 1/2	1.76

**With Double Air Tuned Trimmers**

Stock Num.	Num. Taps	Container Size Inches	YOUR PRICE
K9708	2	2 x 2 x 4 1/2	3.23
K9709	3	2 x 2 x 4 1/2	3.23

## Meissner Iron Core Ant. & R.F. Coils



New iron core antenna and R.F. coils for use as replacements and for modernization of old radios. The higher gain and increased selectivity of these coils will improve broadcast reception. Antenna coils are furnished in high impedance for long antenna and low impedance for indoor antenna and car radios. R.F. coils and antenna coils are designed to cover the broadcast band with a .000365 Mfd. (350 to 370 Mufd.) condenser. Iron core and lateral windings on these coils produce a very compact unit. Shield size 3 3/4" square by 2 1/4" high. Complete instructions and recommendations for improving old radios are included.

**YOUR PRICE, EACH ... 88¢**

## Meissner Iron Core Adjustable Antenna Coil

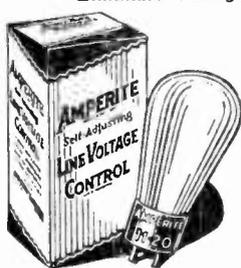


An adjustable inductance antenna coil provides a perfect tracking replacement for 95% of the broadcast receivers. An adjustment screw on top of shield varies inductance of coil 25%. Absolute matching is always increase selectivity and gain. Shield size, 1 3/4" x 1 3/4" x 2 1/2". Spade bolt mounting. **K9714**  
List Price, \$2.00. **YOUR PRICE ... \$1.18**

# Amperite

Self Adjusting  
Voltage Control Tubes

Eliminate Voltage Bumps



Designed to deliver constant voltage to the receiver from the power line although the line voltage may vary from 110 to 130 volts. Eliminate the possibility of power-pack breakdown and tube burnouts due to excessive line voltage. Easily installed. Connect the Amperite in series with current supply line.

## Standard Amperite Controls

We can supply all types of Amperites. When ordering replacements for receivers already equipped with the Amperite Tube and not included in our listing specify type number of old tube. For sets on which provision has not been made for using the Amperite tube the correct type can be selected from our listing.

### For 110 Volt A.C. Receivers

Stock Number	Use Number of Tubes	Use Amperite	List Price, Each, \$3.00	YOUR PRICE EACH
K9815	4-5	5A5		\$1.25
K9816	6-7	7A5		
K9817	8-9-10	9A5		
K9818	11-12	11A5		

## Special Replacement Amperites

For 105-120 Volt A.C. Receivers

Stock Num.	Use Amperite	Set Name and Model Number
K9819	9-20	Brunswick 14, 21, 31
K9819	9-20	Bremer-Tully SS1, SS2
K9820	5-16	General Electric B-86
K9821	10-10	Hammarlund-Roberts HI-Q 31
K9822	11-30	Hammarlund-Roberts HI-Q 30
K9822	11-20	Kyletron K71, K72
K9823	90	Majestic 90, 91, 92
K9824	70	Majestic 70, 71, 72
K9822	11-20	Peerless 21 to 25
K9820	5-16	R.C.A. R-223
K9825	12-20	Scott A.C. 10
K9826	18-10	Star Radder
K9827	10-V-10	Victor R32, 52
K9828	9-V-10	Victor R35, 39
K9820	5-16	Victor (32V. Set)
K9829	14-10	Zenith 103

List Price, Each, \$3.00  
YOUR PRICE, EACH..... \$1.25

## For Battery Operated Receivers

For sets operated from 2 volt Air Cell Batteries, 2 volt Storage Batteries or 3 volt "A" Packs.

Name	Model Number	Amperite	Stock Number
Silvertone	326, 242, 65	30(1A2)*	K9850
	1576, 1712,		
	1713, 1714	31(1B2)*	K9831
	223 N, 224 X		
	266, 267	31(1B2)*	K9831
	1710, 1711	31(1C2)*	K9833
	331	1B1	K9834
	334, 324	1F1	K9835
	859	1F1	K9836
	345	1G1	K9837
Air Line	91	10AB	K9838
	77, 95	6AA	K9839
Bosch	042	5E1(1A1)*	K9840
	660	5E1(1A1)*	K9840
	7700		K9841
Philco	34-A	7H1(1C1)*	K9841
	37-10	6-1(1J1)*	K9841
Sentinel	81, 82	5E1(1A1)*	K9840
	81, 82	2H1(1D1)*	K9843

\*New RMA numbers  
List Price, \$1.60. YOUR PRICE..... 94¢

## For A.C., D.C. Receivers

Will Control Line Voltages from 85 to 140 volts

**K9844**—Amperite KL-45. Octal 8 Prong Base. Replaces all AC DC ballasts starting with the letter K or ending in A, B, or D. Also replaces the following: 42A, 49A, 55A, M50R, M45R, K42B, K12C, K12D, K19B, K19C, K19D, K25B, K55C, K55D, L55E, L55C, L55D, L42E, L42C, L42D, L49B, L49C, L49D.

**K9845**—Amperite 4P-45. 4 Prong Base. Replaces ballasts 185R, 185R1, 185R8, 185R14, 185L4, 185L4, 185L4, 185L, 185R14, 185R8, 185L14, 185L4, 185L8, 185L4, 185L4, 185L4, 140L1, 140L1, 140L4, 300 50X3, 5B.

**K9846**—Amperite 50-AB. Octal Base. Replaces ballasts 55A1, 55A2, 55B2, 49A1, 49A2, 49B2, 42A1, 42A2, 42B2, 21R212.

**K9847**—Amperite 3-40. 4 Prong Base. Replaces ballasts 300, 50X3 and 5B.  
List Price, \$1.25.  
YOUR PRICE, EACH..... 73¢

# Duresite

Voltage  
Regulator Tubes



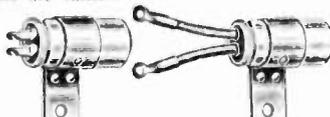
Original equipment on many standard make of radio receivers. The Duresite Tube keeps the voltage from the power supply line constant. More uniform reception, elimination of all crackling noises caused by overloaded resistors and condensers is accomplished. Prevents burning out of power and electrolytic condensers and damaging of tubes.  
List Each, \$3.00. **\$1.65**  
YOUR PRICE.....

Note: We can supply Duresite Tubes for all sets. For sets not listed below, when ordering give name, model number, types and line-up of tubes.

Set and Model Number	Stock Num.	Duresite Tube Number
<b>Brunswick</b> 14, 21, 31, 60 Cycle S-14, S-21, S-31, 60 Cycle	K9854 K9855	98 or 105 110
<b>Bremer Tully</b> S1, 82, 60 Cycle S3, 84, 60 Cycle	K9854 K9855	98 or 105 110
<b>Grebe</b> 21950, 270C, 285, 450	K9855	110
<b>Hammarlund</b> —111Q 30	K9855	110

## Interference Suppressor Chokes

For building choke and condenser combinations to the requirements of individual interference problems. (Select the necessary condensers from our listing on page 76.) Chokes are supplied shielded and non-shielded. Shielded types are enclosed in sturdy metal cases with gearably attached metal mounting brackets. Non-shielded types are enclosed in cardboard tubes.



Type A Type B  
Shielded Type—Metal Case

Stock Number	Rating Watts	Container Type Size	YOUR PRICE
K8650	250	A 1"x2 1/2"	38c
K8651	500	A 1"x2 1/2"	44c
K8652	750	A 1"x2 1/2"	47c
K8653*	1500	B 1"x2 1/2"	55c
K8654*	3500	B 1"x2 1/2"	73c

\*2 1/2" long insulated cambric leads.



Type C Type D  
Non-Shielded Type—Cardboard Tube

Stock Number	Rating Watts	Container Type Size	YOUR PRICE
K8655	250	C 1 1/2"x2 1/2"	36c
K8656	500	C 1 1/2"x2 1/2"	41c
K8657	750	C 1 1/2"x2 1/2"	43c
K8658*	1500	D 1 1/2"x2 1/2"	54c
K8659*	3500	D 1 1/2"x2 1/2"	68c

\*2 1/2" long insulated cambric leads.

## Long and Short Wave Aerial Eliminator



New and improved aerial substitute for use with two-band receivers—broadcast and police bands. Designed to block the r.f. frequencies picked up by house wiring systems from being shunted to ground through the sets' primary line filter and with a low capacity condenser to divert the incoming signals to the set's aerial. This is the only short wave aerial eliminator on the market! Must be tested by plugging in first one way and then the other to determine which circuit of power line carries r.f. signals. This device is not intended for use in homes where the power lines come in underground or where the electric wiring is completely shielded. Works on 110-120 A.C. or D.C. lines. Size 1 1/2"x1 3/8" long. Lead wire 4 ft. long.  
**K9982**—  
List Price, 50c.  
YOUR PRICE..... 29¢

# Clarostat

Replacement  
Line Ballasts



Compensates line changes for Sets designed for use with Ballast. Will maintain the normal voltage across the primary of the power transformer within allowable limits for efficient operation, regardless of line fluctuation between 95 and 135 volts. WE CAN ALSO SUPPLY REPLACEMENT BALLASTS FOR SETS NOT LISTED BELOW. Send your order giving make, model and number of tubes in Set.  
List Price Each, \$2.50. **\$1.12**  
YOUR PRICE.....

Num.	Type	Set Make and Model Number
K9865	2518	Belmont
K9866	2169	Bremer Tully
K9867	2179	Brunswick
K9868	2408	Clarion 51, 53, 55
K9869	5400	Erla
K9868	2408	HI Q-31 Hammarlund Roberts
K9870	6412	Kennedy 426, 626, 626, 726, 826, 632, 1030
K9871	15 1/6	Majestic 70, 71
K9872	1508	Majestic 70B, 72
K9873	1012	Majestic 90, 91, 92, 100
K9874	1210	Majestic 90, 91, 92, 100
K9867	2179	Sonora A30, A32, A40
K9875	5001	Stewart-Warner 900-61816
K9876	5002	Stewart-Warner 950-62152
K9877	5003	Stewart-Warner R100-66756

## Clarostat A.C. Line Voltage Regulator



For sets with critical line voltage requirements where a dependable regulator must be employed. Resistor increases in resistance value as line voltage rises, thus automatically maintaining a steady potential on the receiver with which it is used.  
Stock Num. Type Watts of Set List EA. \$1.75  
YOUR PRICE  
K9880 O Up to 60 57¢  
K9881 A 60 to 100  
K9882 B 100 to 150  
(Ten for \$5.42)

## Line Voltage Reducer



Reduces Excessive Line Voltages  
K9890—List, \$1.00.  
YOUR PRICE..... 30¢  
Ten for \$2.94

Maintains a constant potential on lines on which voltage climbs. Protects tubes, condensers and resistors against line surges by automatically reducing line voltage to a normal operating voltage.

## Automatic Voltage Control

For Reducing Line Voltages

K9891—List, \$1.75.  
YOUR PRICE..... 55¢  
Ten for \$4.95



Protects tubes, resistors, and condensers by preventing excessive line voltage. Automatically compensates for line surges by increasing in resistance as voltage rises. Air-cooled type. Fits any standard socket or outlet, and supplies 110 volts A.C. or D.C. on any line up to 120 volts.



## Filterette Junior

K9985—List, \$2.25.  
YOUR PRICE..... \$1.32

A compact unit, easy to install, for eliminating interference caused by household appliances, such as electric fans, heating pads, vacuum cleaners, light switches, etc. Has standard plug-in prongs and receptacle for connection between electrical outlet and receiver. Operates on 110-120 volts A.C. or D.C.



## Power Line Filter for AC or DC Current

A capacity type line filter. Effectively eliminates line noises. Plugs into electrical outlet and has a receptacle for receiver plug. No ground connection is required. For 110 volt A.C. or D.C. lines.  
K9986—List Price, \$1.00.  
YOUR PRICE..... 59¢

See Page 75 for Sprague interference condensers and chokes also a new complete line of Filtercons—for every application.

**Molded Bakelite Twin Tip Jacks**



Fully insulated finest quality tip jacks molded in genuine bakelite. Phosphor bronze positive contact for any standard phone tips. Widely spaced solder lugs tinned and pierced. Overall length 2", width 1 1/2". Mounting centers 1 1/4". Will mount in cut out 1 3/8" x 1/2". Priced far below its actual value.

**K11201-Engraved "Phono."**  
YOUR PRICE **4¢**  
TEN FOR 35¢

**Yaxley Push Button Switches**

Same construction as Jack switches except that in place of turn knob an insulated push button is provided. Contacts made and broken by pressure on knob. No indicating plate included. Non-locking type returns to original position when pressure released. Locking type, is automatically locked in depressed position and must be pulled back to return to original position.



**Single Pole-Single Throw**  
Makes Contact in Single Circuit.  
**K11126**-Code 2001. Non-locking.  
**K11127**-Code 2001L. Locking.  
List Price \$0.90.  
YOUR PRICE **53¢**

**Single Pole-Single Throw**  
Breaks Contact in Single Circuit.  
**K11128**-Code 2002. Non-locking.  
**K11129**-Code 2002L. Locking.  
List Price \$0.90.  
YOUR PRICE **53¢**

**Single Pole-Double Throw**  
One circuit completed in "up" position. In depressed position, first circuit broken and one of contacts switched to second circuit.  
**K11130**-Code 2003. Non-locking.  
**K11131**-Code 2003L. Locking.  
List Price \$1.00.  
YOUR PRICE **59¢**

**Double Pole-Single Throw; Open**  
Makes contact in two separate circuits when depressed. Both circuits open in "up" position.  
**K11132**-Code 2004. Non-locking.  
**K11133**-Code 2004L. Locking.  
List Price \$1.20.  
YOUR PRICE **70¢**

**Double Pole-Double Throw**  
Two separate circuits closed in "up" position. In depressed position, one contact from each circuit is connected to a second set of separate circuits.  
**K11136**-Code 2006. Non-locking.  
**K11137**-Code 2006L. Locking.  
List Price \$1.50.  
YOUR PRICE **88¢**

**Double Pole-Double Throw**  
6 springs-makes and breaks both leads in two separate circuits. Contacts in second circuit before breaking first circuit and vice versa.  
**K11138**-Code 2008. Non-locking.  
**K11139**-Code 2008L. Locking.  
List Price \$1.65.  
YOUR PRICE **97¢**

**Solder Cord Tips**



Brass.  
Nickel Plated  
**K11811**-  
FIFTY FOR **14¢**  
Per hundred..... 25¢

**Solderless Tip Plug**



**K11812**-  
YOUR PRICE, Each **4¢**  
Ten for **35¢**. Per hundred, **\$3.25**  
Attaching to cord or wire without soldering or use of tools. Positive connection. Fit above jack or any standard tip jack or jack assembly made of brass nickel finish.

**New Yaxley Insulated Tip Jacks**

Fine quality tip jacks with positive contact phosphor bronze spring. For any standard phone tip. Especially suitable for terminal strip and for making quick, easy connections to test equipment. Bakelite color coated caps. Mounts in 1/4 inch hole or will fit 1/8" hole if used with extruded mounting washer listed below. Solder lug terminal. New fresh stock.

**K11210**-Green  
**K11211**-Red  
**K11212**-Black  
**K11213**-Brown  
**K11214**-Orange  
**K11215**-Yellow  
**K11216**-Blue  
List, 15¢ Each.  
YOUR PRICE **9¢**  
1-Red and 1-Black.  
YOUR PRICE **15¢**  
2 FOR



Fibre Washers to insulate jacks when mounting on metal panel or chassis. Diameter 3/8 inch. Extruded to fit 3/8 inch hole.  
**K11830**-Ten for **12¢**

**Short Jacks**



Smallest made. Solder lugs widely spaced. Heavy bakelite insulators eliminate leakage. Mounts in 3/8 inch hole or 1/2 to 3/4 inch panels. Take any standard plug.

**K11220**-No. 1-Open  
Circuit. List, 25¢. Net **15¢**  
**K11221**-No. 2A-Single, Closed  
Circuit. List, 30¢ YOUR PRICE **18¢**

**Infant Jack**



A single circuit small jack. Receives all standard size plugs. Plated phosphor bronze spring will not loose tension. Tinned solder lugs. Heavy bakelite insulation prevents leakage.

**K11156**-List, 25¢.  
YOUR PRICE **15¢**

**Frost Gem Jacks**

Very compact. Extend 1 inch back of panel. Mount in single 3/8" hole on any panel not over 3/8" thick. Nickel plated. Solder lug connections. Two washers included.



**K11224**-Code 953-  
Open circuit. EACH..... **17¢**  
**K11225**-Code 954-  
Closed circuit. EACH..... **17¢**  
**K11226**-Code 951-  
Double circuit. EACH..... **19¢**  
**K11227**-Code 955-Single  
circuit filament control.  
EACH..... **20¢**

**C-H Pony Toggle Switch**

3 Amp. 250 Volt  
6 Amp. 125 Volt

**K11087**-  
Your Special **25¢**  
Price **10** for **\$2.25**

A Cutler Hammer single pole, single throw switch. Housed in a compact bakelite case. Screw connections. Bakelite lever. Underwriters approved. Size 1 1/2" deep, 3/4" wide, 1 1/2" high. Mounting bracket centers 1 1/8". Especially desirable for installation on test bench or for use with any device using a 1/2 h. p. motor or plater.



**"Off" "On" Escutcheon**  
A polished nickel plated escutcheon plate. For above switch.  
**K11088**-Your Price, each **14¢**  
10 for..... **\$1.18**

**Non-Locking Push Button Switch**

Contact is made when knob is pushed in and is broken when pressure is released.  
**K11222**-No. 132-M. Two spring. Closes one contact.  
List, 90¢.  
YOUR PRICE **53¢**



**K11223**-No 444-M. Four springs  
Makes two contacts.  
List, \$1.20.  
YOUR PRICE **71¢**

**Standard Tip Jacks**

Sold brass, nickel plated. Takes any phone tip. Positive connection. Not insulated from panel. Requires 1/2 inch hole on panels of thickness up to 1/4". With nut and solder lug.



**K11810**-  
EACH..... **3¢**  
12 for **33¢**. Per Hundred **\$2.75**

Fibre washers to insulate jacks when mounting on metal panel or chassis.  
**K11830**-Ten for **12¢**

**Yaxley Jack Switches**

Small and compact. Mount in 3/8 inch hole on panels up to 3/8 inch thick. Insulated knob with indicating pin set screw. Lock nut, washer, etched indicating plate included. 1/4 inch diam. shaft. Including lugs, they project 1 1/4 inches back of panel. 1 1/2 inches wide. 1 1/2 to 1 3/4 inches high. Rugged steel frame. Nickel plated. Perfect insulation. Suitable for all apparatus in low wattage circuits.

**Single Pole-Single Throw**  
**K11142**-Code 720. 2 spring. "On" and "Off". Makes and breaks one circuit. List Price, 70¢.  
YOUR PRICE **41¢**

**Single Pole-Double Throw**  
**K11143**-Code 732. 3 spring. Connects input circuit to either one of two output circuits. Has neutral position. List Price 85¢.  
YOUR PRICE **50¢**

**Double Pole-Single Throw**  
**K11145**-Code 740. 4 spring. Makes and breaks two circuits.  
List, 95¢.  
YOUR PRICE **56¢**

**Three Circuit**  
**K11146**-Code 745. Five spring, two position contact. Two input circuits. Both connect to output in first position; in second position, circuit one is broken, circuit two is also broken but input spring is connected to fifth spring, closing third circuit. List, \$1.10.  
YOUR PRICE **65¢**

**Double Pole-Double Throw**  
**K11147**-Code 760. Six spring. Connects two input circuits to either two pairs of outputs.  
List, \$1.20.  
YOUR PRICE **73¢**

**Triple Pole-Double Throw**  
**K11149**-Code 763. With center neutral position. List, \$1.55.  
YOUR PRICE **91¢**

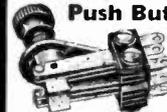
**Four Pole-Double Throw**  
**K11150**-Code 764. With center neutral position.  
List, \$1.95.  
YOUR PRICE **\$1.15**

**"OFF" "ON" TOGGLE SWITCH PLATE**  
For use with any standard panel type toggle switch. Attractively finished in statuary bronze.  
**K11059**-  
YOUR PRICE, TEN FOR **15¢**



**D. P. D. T.**

**Push Button Switch**



6-Springs. Fully insulated. Non-corrosive positive contact. Uniformly tapered steel springs retain their tension permanently. Double Throw-double pole opens two circuits and closes two other circuits. Mounts in 3/8" hole. Terminal lugs widely spaced.  
**K11218**-Non-locking } Price **88¢**  
**K11219**-Locking } Each

**S. P. S. T. Toggle Switch**

A quality H & H switch with 8" stranded insulated leads. Standard 3/8" bushing is 3/8" long and fitted with a locking ring.  
**K11057**-  
YOUR PRICE **10¢**  
Ten for 75¢



**Rotating Type "Panel" Switch**

Single Pole, Single Throw. Shaft takes knob. Threaded 3/8" diam. mounting sleeve 1/2" long. Shaft extends 1/8" beyond sleeve. Locknut included.  
**K11058**-  
YOUR PRICE **15¢**  
Ten for **\$1.35**

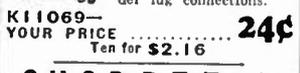


Sure contact, nickel tip jacks mounted in bakelite strip, 2" long, 1/2" wide. Mounting holes 1 1/8" centers.  
**Two Jack Assembly**  
**K11202**-Plain (not marked).  
**K11203**-Marked "Phono."  
**K11204**-Marked "Speaker."  
Each, 6¢. Ten for **58¢**

**Three Jack Assembly**  
**K11205**-Plain.  
Each, 9¢. Ten for **82¢**

**C-H Heavy Duty S. P. S. T. Toggle Switch**

6 Amps. at 125 Volts  
For use in heavy current circuits such as in P.A. Amplifiers, motors, etc. Mounting sleeve diam. 3/8". Length 1 1/2". Overall case size: 1 3/8" x 3/4" deep. Ruggedly constructed and properly insulated. Solder lug connections.  
**K11069**-  
YOUR PRICE **24¢**  
Ten for **\$2.16**



**C-H S. P. D. T. Toggle Switch With "Off" Position**

Makes or breaks two circuits and has "off" position in center. Toggle shaft is insulated from switch. Mounting sleeve diam. 3/8", length 1 1/2". Overall body size 1 3/8" x 3/4" deep. Three screw terminal connections.  
**K11070**-  
YOUR PRICE **27¢**  
Ten for **\$2.43**



**C-H S. P. T. T. Toggle Switch With "Off" Position**

A single pole, triple throw 4 position switch. Makes and breaks 3 circuits and has "off" position in center. Toggle shaft insulated from switch. Mounting sleeve diam. 3/8", length 1 1/2". Overall body size 1 3/8" x 3/4" deep. 1 1/2" diam. Four screw terminal connection.  
**K11071**-  
YOUR PRICE **81¢**  
Ten for **\$7.75**



# Toggle, Push Button, Rotary and Knife Switches

## Toggle-Panel Switches

### Miniature Size

Underwriters approved, 3 amp., 125 V.—1 amp. 250 V. For controlling radio sets, small motors, lamps, meters, etc. Mounting sleeves all  $\frac{3}{8}$ " diameter. Two locknuts included. Very rugged. Best quality. H. & H. brand. Laminated bakelite or fiber insulation. Solder lug connections.

### Single Pole—Single Throw

2 Connections



Makes and breaks a single circuit. Standard "ON" and "OFF" switch. Mounting sleeve  $\frac{3}{8}$ " diameter.

Stock Number	Sleeve Length	Price Each	Ten For
K11010	$\frac{1}{4}$ "	17c	\$1.58
K11011	$\frac{1}{2}$ "	21c	1.95
K11012	$\frac{3}{4}$ "	22c	2.05
K11013	1"	23c	2.10

### Single Pole—Double Throw or Three Way

3 Connections

Can be used as Three way, or single pole double throw. Mounting sleeve  $\frac{3}{8}$ " diameter.



Stock Number	Sleeve Length	Price Each	Ten For
K11014	$\frac{1}{4}$ "	20c	\$1.90
K11015	$\frac{1}{2}$ "	23c	2.15
K11016	$\frac{3}{4}$ "	24c	2.20
K11017	1"	27c	2.50

### Double Pole—Single Throw

4 Connections

Cuts two circuits in and out. "On" and "Off" for two circuits. Mounting sleeve  $\frac{3}{8}$ " diameter.



Stock Number	Sleeve Length	Price Each	Ten For
K11018	$\frac{1}{4}$ "	24c	\$2.20
K11019	$\frac{1}{2}$ "	27c	2.50
K11020	$\frac{3}{4}$ "	29c	2.70
K11021	1"	30c	2.80

### Double Pole—Double Throw

6 Connections

Feeds two circuits into either one of two pairs of circuits. A new development of many uses. Mounting sleeve  $\frac{3}{8}$ " diameter.



Stock Number	Sleeve Length	Price Each	Ten For
K11022	$\frac{1}{4}$ "	37c	\$3.60
K11023	$\frac{1}{2}$ "	42c	4.05
K11024	$\frac{3}{4}$ "	43c	4.20
K11025	1"	45c	4.40

### Special Toggle Switches

Underwriters approved 125 V. 6 amp. 250 V. 3 amp. Bakelite body. Solder lug connections. Mounting sleeves  $\frac{3}{8}$ " diameter. Two locknuts included.



### Single Pole—Single Throw

2 Connections

Makes and breaks a single circuit.

Stock Number	Sleeve Length	Price Each	Ten For
K11077	$\frac{1}{4}$ "	14c	\$1.30
K11078	$\frac{1}{2}$ "	16c	1.50
K11079	$\frac{3}{4}$ "	18c	1.75

### Double Pole—Double Throw

6 Connections

Stock Number	Sleeve Length	Price Each	Ten For
K11080	$\frac{1}{4}$ "	28c	\$2.70
K11081	$\frac{1}{2}$ "	32c	2.95
K11082	$\frac{3}{4}$ "	35c	3.20

## Rotary Panel Switches



Shafts extend 1" beyond thread sleeve.

### Single Pole—Single Throw

2 Connections

Stock Number	Sleeve Length	Price Each	Ten For
K11030	$\frac{1}{4}$ "	16c	\$1.52
K11031	$\frac{1}{2}$ "	21c	1.71
K11032	1"	22c	2.09

### Single Pole—Double Throw

3 Connections

Stock Number	Sleeve Length	Price Each	Ten For
K11034	$\frac{1}{4}$ "	22c	\$2.09
K11035	$\frac{1}{2}$ "	24c	2.28
K11036	1"	29c	2.75

### Double Pole—Single Throw

4 Connections

Stock Number	Sleeve Length	Price Each	Ten For
K11038	$\frac{1}{4}$ "	36c	\$3.40
K11039	$\frac{1}{2}$ "	42c	3.95
K11040	1"	46c	4.32

### Double Pole—Double Throw

6 Connections

Stock Number	Sleeve Length	Price Each	Ten For
K11042	$\frac{1}{4}$ "	42c	\$3.95
K11043	$\frac{1}{2}$ "	46c	4.37
K11044	1"	51c	4.95

## Key Lock Switch

### Double Pole—Single Throw

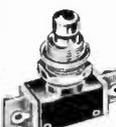
4 Connections

K11056—Price Each **50¢**  
TEN FOR **\$4.75**  
Makes and breaks one or two circuits by turn of key. Key removable when circuit is broken. Mounting sleeve  $\frac{3}{8}$ " diam.,  $\frac{1}{2}$ " long. Attractive lock nuts included. One key supplied. Underwriters approved, 3 amp., 125 volts. Body size  $\frac{3}{4}$ " deep,  $\frac{3}{4}$ " wide,  $\frac{1}{2}$ " long with insulation and lugs.



## Two Circuit Push Button Switches

Two circuit non-indicating slow make and quick break momentary contact switches. One circuit is normally ON and the other is normally OFF. Pressing the push button reverses the "off" and "on" position of the circuits. When pressure on the push button is released the condition of the circuits return to normal. Finest quality. Laminated bakelite or fibre insulation. Tinned copper solder lug connections. Rating 75 watts, 125 volts, A.C. Standard  $\frac{3}{8}$ " diam. bushing  $\frac{5}{8}$ " long.



With Metal Plunger

Same switch as used on Supreme and other makes of instruments.

K11046—Your Price, Each **31¢**

Ten for **\$2.79**

With Bakelite Button Plunger

Supplied with a black or red bakelite concave button on end of plunger.

K11048—Red Button

K11049—Black Button

Your Price, Each **40¢**

Ten for **\$3.60**



With Bakelite Tip Plunger

Supplied with a red or black bakelite tip on end of plunger.

K11052—Red Tip

K11053—Black Tip

Your Price, Each **32¢**

Ten for **\$2.88**

## New Yaxley Rotary Tap Switches



### Types 1200 and 1300

A new adjustable stop feature provides many additional combinations in each switch and makes it possible to use a single switch for many different specifications. Any number of contacts or circuits up to the maximum available can be obtained from any of the various sizes of switches. For example: No. 1316 type switch, one gang, single circuit may be used as a two, three, four, five or six point switch by simply adjusting the stop on the front of the switch to the number of points required. Switches may be wired in circuit experimentally, then adjust the stop for permanent installation. New design, excellent construction. For general radio and laboratory test circuit. Mount in  $\frac{3}{8}$ " hole on panels not over  $\frac{1}{4}$ " inch thick. Locknut holds switch securely in place. Silver plated phosphor bronze contacts securely mounted on punched bakelite form. Phosphor bronze wiping contact arm. Gangs are rigidly clamped together. Diameter overall  $2\frac{1}{2}$ ". No wearing nor play even in multi-gang with wide spacing. One and two gang switches are provided with  $\frac{1}{2}$ " spacing between gangs. Three and four gang switches are provided with  $1\frac{1}{2}$ " spacings. Switches can be disassembled and the spacers cut down to meet special requirements as to length and the spacing of the sections. Supplied with knob but less escutcheon.

Types 1200 and 1300

Shorting Type	Non Shorting	Single Gang Switches	List Price	Your Price
YK1216	YK1316	Single Circuit 1 to 6 points	\$1.00	\$0.59
YK1211	YK1311	Single Circuit 1 to 11 points	1.15	.68
YK1215	YK1315	Two Circuit 1 to 5 points each circuit	1.25	.73
YK1213	YK1313	Three Circuit 1 to 3 points each circuit	1.35	.79
YK1212	YK1312	Four Circuit 1 or 2 points each circuit	1.45	.85

YK1226	YK1326	Two Circuit 1 to 6 points each circuit	1.60	.94
YK1221	YK1321	Two Circuit 1 to 11 points each circuit	1.75	1.03
YK1225	YK1325	Four Circuit 1 to 5 points each circuit	2.00	1.18
YK1223	YK1323	Six Circuit 1 to 3 points each circuit	2.10	1.23
YK1222	YK1322	Eight Circuit 1 or 2 points each circuit	2.25	1.32

YK1236	YK1336	Three Circuit 1 to 6 points each circuit	2.20	1.29
YK1231	YK1331	Three Circuit 1 to 11 points each circuit	2.35	1.38
YK1235	YK1335	Six Circuit 1 to 5 points each circuit	2.50	1.47

YK1246	YK1346	Four Circuit 1 to 6 points each circuit	2.75	1.62
YK1241	YK1341	Four Circuit 1 to 11 points each circuit	3.00	1.76
YK1245	YK1345	Eight Circuit 1 to 5 points each circuit	3.50	2.06

## Porcelain Base Knife Switches



Glazed white porcelain bases. Copper contacts and blades with screw lug connections. Porcelain composition finger holds. Base lengths: S.P.— $2\frac{1}{2}$ "; D.P.— $3\frac{1}{2}$ ". Widths: 1" and 2". Rated 125 V., 25 A. For concealed or open wiring.

K11105	S.P.S.T. Each	10¢
K11106	S.P.D.T. Each	12c
K11107	D.P.S.T. Each	10c
K11108	D.P.D.T. Each	19c

## Small Bakelite Base Knife Switches

Base lengths—Double Throw  $2\frac{1}{2}$  inches; Single throw  $1\frac{1}{2}$  inches. Moulded bakelite base and handle. Contacts and blades, brass nickel plated.

### Single Throw—Double Throw

Stock No.	Poles	Each Net	Stock No.	Poles	Each Net
K11109	1	50.26	K11114	1	50.32
K11110	2	37	K11112	2	44
			K11116	3	.63
K11112	4	.74	K11117	4	.88
K11113	5	.97	K11118	5	1.01

## Miniature Switches

Compact, substantial. For base panel mounting. Bakelite base  $1\frac{1}{2}$ " long. Nickel plated blades and posts.

K11120	S.P.S.T. Each	9¢
K11121	S.P.D.T. Each	15c
K11122	D.P.D.T. Each	24c

## Yaxley Type "2700" Single Gang Combination Switches

Designed primarily for use on Dual Wave Receivers. Combinations from a single pole, single throw switch to a six pole, double throw switch are obtainable. With knob but less escutcheon.



K11124—Code 2742. For use as a S.P.S.T., S.P.D.T., 2P.S.T., 2P.D.T., 3P.S.T., 3P.D.T., 4P.S.T., or a 4P.D.T. switch. Diameter  $1\frac{1}{2}$ ", depth  $\frac{1}{2}$ ", bushing  $\frac{3}{8}$ ", shaft length  $\frac{3}{8}$ ". List Price, 75c.

YOUR PRICE **44¢**  
K11125—Code 2762. Provides combinations in above switch and also 5P.S.T., 5P.D.T., 6P.S.T., 6P.D.T. combinations. Diameter  $2\frac{1}{2}$ ", depth  $\frac{1}{2}$ ", bushing  $\frac{3}{8}$ ", shaft length  $\frac{3}{8}$ ". List Price, \$1.00.  
YOUR PRICE **59¢**

## Etched Plates

For Yaxley Tap Switches

Etched aluminum plates. Black finished with bright etched in numerals.



Stock Number	Markings	Stock Number	Markings
YK369	0-100	YK383	Off 1 to 3
YK315	1-15	YK384	Off 1 to 4
YK372	1 to 2	YK385	Off 1 to 5
YK373	1 to 3	YK386	Off 1 to 6
YK374	1 to 4	YK387	Off 1 to 7
YK375	1 to 5	YK388	Off 1 to 8
YK376	1 to 6	YK389	Off 1 to 9
YK377	1 to 7	YK390	Off 1 to 10
YK378	1 to 8	YK391	Increase Volume
YK379	1 to 9		
YK380	1 to 10		
YK381	1 to 11		
YK382	1 to 12		

## RADIO Convenience Outlets

Brown bakelite plates in attractive, soft finish. Metal parts finished in nickel or bronze. Finest quality material and workmanship. Fits standard outlet boxes. Mounting screws included.



### Aerial and Ground With A.C. Outlet

Combining the popular aerial and ground terminals with a single electrical A.C. outlet. Extensively used in rewiring jobs in homes, apartments, hotels or offices. K9975—List, \$1.35. YOUR PRICE ..... **97¢**

### DUPLEX A.C. Outlet with Aerial and Ground Connections

Aerial and ground outlet jacks with duplex electrical receptacle—an A.C. outlet for the set and one for lamp, clock or utility requirements. Adaptable to any installation. K9976—List, \$1.25. YOUR PRICE ..... **76¢**

### Spring Clamp Binding Posts

K11234 Plain (not marked). K11235 "Ant." K11236 "Gnd." EACH ..... **5¢**  
10 for 47¢.  
Per hundred, \$4.50.  
Per thousand, \$43.50.  
Insulated top. Spring clamp holds wire securely.  $\frac{3}{8}$ " screw projects  $\frac{1}{4}$ ". Length over all  $1\frac{1}{2}$ ".

### Spring Clamp Binding Post Assembly

K11237—EACH ..... **12¢**  
Ten for \$1.10  
Two automatic, spring clamp, insulated top binding posts mounted on bakelite strip  $\frac{1}{2}$ " long,  $\frac{1}{4}$ " wide, with mounting holes  $\frac{1}{8}$ ". Completely equipped with soldering lugs—one grounded to chassis. Posts marked "ant" and "gnd."

### Non-Removable Bakelite Top Binding Posts

K11238 Plain. EACH ..... **9¢**  
K11239 Ant. K11240 Gnd. K11241 + K11242 - K11243 Input. K11244 Output. Per Dozen ..... **95¢**  
Captions engraved on polished black bakelite top. Diameter,  $\frac{1}{2}$  inch. Size,  $\frac{3}{8}$ " screw,  $\frac{5}{8}$ " inch long.

### Bakelite Binding Post Kit

Consists of 25 non-removable top bakelite binding posts like above with assorted captions as we select. K11245—Kit of 25 binding posts. YOUR PRICE ..... **97¢**

### Polarized Aerial-Ground Outlet

A convenient device for connecting set to aerial and ground lead-in wires. Impossible to reverse connections. Black bakelite cap. K11259—List Price, Each 50¢. YOUR PRICE ..... **24¢**



## Bakelite Trio-Tap

Three connections from one outlet. Bakelite body. Very strong, sturdy connection. Retails at 25¢.

K11264 Brown 6c Ten for 56c

### Two-Piece Attachment Plug

A sturdy, well designed, good quality composition plug. Brass blades with beveled ends. K11260—EA. 5¢ K11261—Caps Only 2¢ EACH

### Soft Rubber Cord Connector

Unbreakable. Easily wired into cord. For 110 volt lines. Standard size pin cap. K11265—Each ..... **18¢**  
Ten for ..... **\$1.59**

### Cord Connectors



For 110 volt service. Screw caps protect connections. Composition body. Overall length  $2\frac{1}{4}$ ". K11266—Each ..... **16¢**  
Ten for ..... **\$1.49**

### Rubber Handle Cap

Strong, durable and convenient. Scientifically designed finger grip. Stiff, pliable, unbreakable rubber body. New spring action contacts make positive contact and can not drop out of receptacle. K11267—Black, Each Ten for 35c ..... **4¢**

### Green Back Bulb

50 Watt 115 Volt. Very rugged. Recommended for use where light is subject to vibration. Top of bulb is finished in green. Protects the eyes and throws the light down. K10600—YOUR PRICE, EACH ..... **10¢**  
10 for 75c

### 6 Volt Light Bulbs

For lighting use with 6 volt Storage Battery charged from 6 volt gas engine generators, etc. Standard Edison base. Best quality made. K10601—15 Watts K10602—25 Watts YOUR PRICE, EACH ..... **30¢**

### Heater Element

K11268—EACH ..... **22¢**  
Ten for ..... **\$2.10**  
Fits all screw type heaters. Best grade coiled nichrome wire wound on ceramic form. 110-120 volts, 600-660 watts.

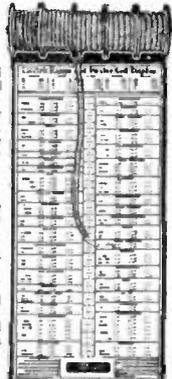
### Laundry Iron Elements

Standard replacement element for all 6 pound electric such as Westinghouse, Eagle, Sunbeam, etc. Fits 90% of irons. K11269—NET EACH ..... **22¢**

# Heating Element Wire

Repair All Electric Appliances Handy Chart Makes It Easy

New combination display board, reference chart and spool holder makes appliance repairing simple and profitable for radiomen. Few spools—same quantities on spools as specified below—hold every type Nichrome wire needed to repair all toasters, heaters, hot plates, sandwich toasters, waffle irons, coffee makers, etc. Chart shows make of appliance, wattage rating and length and type of wire to be used for replacement. Complete instructions printed on chart.



### Double Flush Receptacle



Bakelite body. Finest quality phosphor bronze contacts. Takes two standard pin caps. K11262 Brown 10c Ten for \$0.95 K11263—Brown Bakelite Duplex Flush receptacle plate. Each Ten for YOUR PRICE, 6c \$0.55

### Plug Fuses

Tested finest quality. Porcelain body. Clear mica window in top shows at a glance if fuse is blown. For 110-125 volt current. The ampereage of each fuse is clearly stamped on the top. K11273 10 15c K11274 15 10 K11275 20 25 K11276 25 20 K11277 30 30  
Carton of Five ..... **15¢**  
Per 100 ..... **\$2.25**

### Insulated Staples

$\frac{3}{4}$ " inch sharp pointed insulated staples for wire work. 100 in box. Shpg. wt., 8 oz. K11279—Per Box ..... **10¢**

### Bell Wire

Size 18 copper wire insulated with paraffined cotton braid. Shpg wt. 1 lb. K4300 50 ft. coil ..... **12¢**  
K4301 100 ft. coil ..... **22¢**

### Friction Tape

Best quality. Cotton fabric. Free from pinholes. Impregnated with adhesive rubber compound. Holds fast. K5745 4 oz. 9c K5746 4 oz. 9c K5747 8 oz. 17c K5748 8 oz. 17c

Stock Number	Size Roll	Tape Width	Your Price
K5745	4 oz.		9c
K5746	4 oz.		9c
K5747	8 oz.		17c
K5748	8 oz.		17c

### Nichrome Wire Lengths

K11270—EACH ..... **8¢**  
Ten for ..... **75¢**  
Coiled nichrome wire, round size 22. Each length 12 000 watts at 110 volts. Requires no further cutting and may be stretched to any lengths required.

2" long,  $\frac{1}{8}$ " wide. Mounting holes 1 $\frac{1}{4}$ " centers. Wide head cadmium plated screws on  $\frac{3}{8}$ " centers. Solder lugs riveted on, extend  $\frac{1}{2}$ ". K11206—PRICE EACH ..... **5¢**  
Ten for .36c Per Hundred. \$2.95

Eliminate slow moving individual elements. Allows greater margin of profit. Display board in all metal. Chart printed in black on galvalume ground. Net weight 5 lbs. Complete with 5 spools best quality genuine Nichrome wire. K16630—YOUR PRICE ..... **\$7.35**

### Replacement Spools For Above

Stock Num.	Type Number	Amount on Spool	YOUR PRICE
K4810	21-C-3	10 ft.	\$1.12
K4811	23-C-3	10 ft.	1.12
K4812	25-C-2	10 ft.	1.86
K4813	23-C Straight	100 ft.	1.62
K4814	20-C Ribbon	100 ft.	1.62

### Terminal Strip Assemblies With "Screw and Collar" Terminals and Single Unit Lug



Genuine laminated bakelite strip  $\frac{1}{2}$ " thick,  $\frac{1}{4}$ " wide. Latest type screw and collar terminals with rigid non-shift lug. Collar and lug is one single piece and mounted rigidly and securely through the terminal strip. Screws are brass nickel plated.

Stock Number	Terminals	Mount Centers	Price Each	Ten For
K11360	2	2"	9c	\$0.85
K11361	3	2"	12c	1.11
K11362	4	2 $\frac{1}{2}$ "	15c	1.42
K11363	5	3 $\frac{1}{2}$ "	19c	1.71
K11364	6	4 $\frac{1}{2}$ "	23c	2.22
K11365	7	4 $\frac{1}{2}$ "	30c	2.70

**Terminal**  
A single terminal entirely finished and ready for mounting. Use Handy Chart for wiring three or four leads together. K11370—Ten for ..... **19¢**  
Per Hundred, \$1.16

**New Lug Terminal Strip**  
Bakelite Insulation  
K11371—YOUR PRICE Ten for 19c

Simplifies wiring and provides a ready means of mounting resistors. Center terminal may be grounded by mounting directly to chassis.  $1\frac{1}{2}$ " long. Lugs timed.

**Terminal Strips**

Stock Number	Terminals	Price Each	Ten For
K11366	3	3c	27c
K11367	4	5c	45c
K11368	5	6c	55c
K11369	6	6c	55c

### Coil Shield with Base



Shield is 2 1/2" inside diameter and 3 1/2" overall height. Grid lead hole in wall near top. Bases have oblong mounting holes to fit either 1 1/4 or 1 1/8" socket centers. Shield and base bright natural finish of 24 gauge aluminum.

**K11760—Coil Shield**  
—Code 0781—Basecode 0720.  
**PER SET ..... 10¢**

TEN FOR ..... 85¢  
PER HUNDRED ..... \$7.95

### Aluminum Coil Shields

2 1/2" outside diameter and 3 1/2" overall height. Heavy 22 gauge metal insures perfect grounding and eliminates interstage interference. Holes punched for standard grade bolt mounting lugs. Lugs not included. Bright natural finish.

**K11761—Coil Shield**  
—Code 0319.  
**PRICE EACH ..... 10¢**

TEN FOR ..... 79¢  
Per Hundred ..... \$6.50

**K11762** Same as above except 4" high for longer coils.  
Coil Shield—Code 0318.

**PRICE EACH ..... 12¢**  
TEN FOR ..... 98¢  
PER HUNDRED ..... \$8.50

### Aluminum Coil Shields

2 1/2" inside diameter and 3" overall height. Holes for spade bolt mounting lugs. Bright finish. **K11763**

Your Price Each ..... 8¢  
Ten for 45¢

1 1/4" inside diameter and 2 1/4" overall height. 22 gauge mounting holes in side. Bright finish.

**K11764—YOUR PRICE**  
EACH ..... 6¢  
Ten for ..... 35¢

### Coil Shield with Bayonet Lock Base

Base locks to can forming connection that will never vibrate loose apart. Can is 2 1/2" diam., and 2 3/4" overall height with base. No perforated on bottom and side for leads. Bright natural finish, 22 gauge aluminum.

**K11765—Coil Shield**  
—Code 0579—0530.  
**PRICE EACH ..... 10¢**  
TEN FOR ..... 85¢  
PER HUNDRED ..... \$7.90

### One-Piece Shields with Base

For 82 Tubes  
Ventilating holes in top and base. Height 4 1/2". Diam. 2 1/4". Base mounting holes for 1 1/2" and 1 3/8" sockets.

**K11766—Tube Shield**  
—Code 01132.  
**EACH ..... 11¢**  
TEN FOR ..... 95¢  
PER HUNDRED \$7.58

### Carter Speaker Plugs

Made of steel. Cadmium plated. Fibre top held by spring ring with hole in center for wire leads. Supplied only in 4 and 5 prong.

**K12121—4 prong.**  
**K12122—5 prong.**  
YOUR PRICE, EACH ..... 5¢

### New Close Fitting Ventilated Tube Shields



For 55, 57, 58, 6A7, 6C6 and all other Small Diameter Dome Shaped Tubes  
Ventilated shell has three formed ribs which press against the side of the tube to hold it rigidly—dampens vibration and microphonic disturbances. Natural finish aluminum metal. A wide range of base mounting sizes. Cap height 1 1/2" slotted for grid lead. Shell diameter 1 1/2", height of body 3", chimney extension 3/4". Overall height assembled 4 1/8".

Aluminum Stock Number	Base Mounting Centers	Price Each
K11767	1 1/2"	Ten for 95¢
K11768	1 1/4"	Hund'd \$7.75
K11769	1 3/8"	

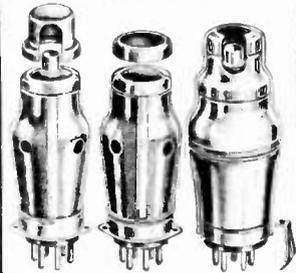
### Standard Type Ventilated Tube Shields

For 55, 57, 58 Tubes  
Improved Non-Rattle Type

Ventilated shell has three formed ribs which press against the side of the tube to hold it rigidly—dampens vibration and microphonic disturbances. A wide range of base mounting sizes. Cap height 1 1/2", shell diameter 1 1/2", height 3 1/2". Overall height assembled 4 3/4".

Aluminum Stock Num.	Base Mounting Centers	Radio Metal Stock Num.	Price Each
K11770	1 1/2"	K11773	10¢
K11771	1 1/4"	K11774	8¢
K11772	1 3/8"	K11775	

### Form-Fitting Tube Shields



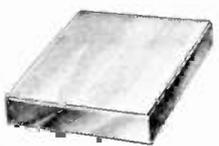
For use where space is limited or to replace spray-shield type tubes. Provides magnetic as well as electrostatic shielding. Made for all sizes of dome type glass bulb tubes. Two parts of shield fit snugly around the tube and are firmly held in place by the shield cap and base or a clamp ring. Clamp ring and grounding clip furnished with shields for the large size bulbs. A small slot in chimney admits grid lead. Slotted mounting holes in bases of types A, B and C shields cover all socket mounting holes.

**Type A K11776**—For dome type 1A5, 1A6, 2A6, 2A7, 2B7, 6A7, 6B7, 6F7, 6G, 39 44, 38, 55, 75, 77, 78, 79, 85 and 89 type tubes.  
**Type B K11777**—For dome type 6X6, 6D6, 57 and 58 type tubes.  
**Type C K11778**—For dome tubes such as 1V, 6Y5, 12A5, 25Z5, 31, 37, 41, 39, and others having same shape envelope.  
**Type D K11779**—For dome type 24, 27, 32, 33, 34, 35 and other same diameter dome type tubes.  
YOUR PRICE, EACH ..... 6¢  
10 FOR 50¢—100 FOR \$4.75

### Radio Metal Chassis Bases

Rustless—Stainless  
Easy to Work, Drill and Tap

Stock Number	Size Inches W. L. H.	Your Price Each
K15850	7x 9x2	\$0.65
K15851	7x13x2	.88
K15852	10x12x3	.95
K15853	10x17x3	1.23
K15854	10x23x3	1.45



Ideal for building power amplifiers, Broadcast or shortwave receivers, auto radios or test equipment. Special aluminum Radio alloy, with clean rustless non-tarnishing lustrous finish. Non-magnetic. Easy to work, drill and tap. Solders readily.

Do not confuse these high grade chassis with ordinary plated sheet steel jobs which are hard to work. These are brand new, clean undrilled bases made to our special design and order. Open on bottom. Enclosed top and four sides.

### Aluminum Panels

Commercially pure, hard tempered aluminum sheets. Natural bright polished finish. Thickness about 1/8 inch.

Stock Number	Size Inches	List Price	Your Price
K11290	7x10	\$1.02	\$0.44
K11291	7x12	1.26	.54
K11292	7x14	1.50	.63
K11293	7x18	1.98	.83
K11294	7x21	2.28	.95
K11295	7x24	2.40	1.05
K11296	7x30	3.00	1.30
K11297	24x36	11.40	4.95

Special size aluminum panels cut to your specifications. Any width or length. Thickness about 1/8 inch.  
**K11298**—Per Square Foot.  
YOUR PRICE ..... 95¢  
NOTE: Minimum charge for specially cut aluminum panels per order 95¢

### Radio Metal Shield

Provides superior shielding. Non-rusting. Fits all screen grid and detector tubes. 4 1/2" high 2" diam. Mounting hole centers 1 1/2, 1 1/4 and 1 1/8 inches.

**K11780—EACH ..... 8¢**  
TEN FOR ..... 69¢  
PER HUNDRED ..... \$4.75



### Two-Piece Tube Shields

For 24 and 27 Tubes  
5" height when assembled, diameter 1 1/2". Bottom punched for spade bolts but bolts not furnished. Fits standard 1 1/2" mounting hole center socket. Top and bottom well ventilated. Long slot for grid lead. 24 gauge polished aluminum.  
**K11781**—Shield—Code 01015—01016.  
EACH ..... 12¢  
Ten for ..... 98¢ Per Hun. \$8.25

### 8 Tube Chassis Base

Drilled for an 8 tube set. Reinforced welded corners. Bright rust proof finish. Size 18" long, 10 1/2" wide and 2 1/2" deep.  
**K15862**  
YOUR SPECIAL PRICE ..... 29¢



### Copper Foil

Thin copper foil for shielding panels, cabinets, automobile bulkheads, etc. .005 inches thick. Any length supplied.  
**K4815**—6 in. wide.  
YOUR PRICE, Per Foot ..... 10¢  
**K4816**—8 1/2 in. wide.  
YOUR PRICE, Per Foot ..... 15¢  
**K4817**—12 in. wide.  
YOUR PRICE, Per Foot ..... 20¢  
NOTE: This foil will be cut to any length. Minimum billing price on any one order is 50¢, so order your money's worth.

### Steel Chassis Bases

A high quality lead coated steel chassis base. As easy to cut or drill as other bases offered at competitive prices. Does not have the lustrous finish and is not as easy to work with as the Radio Metal bases listed above. Template is heavy and substantial. Supplied undrilled. All sizes are 3 inches deep and open on bottom.

Stock Num.	Size Inches	Your Price Each
K15858	10x12	54¢
K15859	10x17	55¢
K15860	10x23	85¢

### Corner Posts

For use with Chassis Bases.  
**K11784**—Per Set. Posts, Screws and Nuts.  
YOUR PRICE ..... 29¢

Heavy cast corner posts. Mount in corners of above chassis. They close the corners perfectly and make the entire job very solid and without the slightest "give". Three tapped holes on each side. Drill holes in chassis and mount with 1/2 screws supplied. Base of post also tapped to take screw coming through base on which chassis is mounted. Complete set includes: 4 Corner Posts; 21 #32 screws; and 4-1 1/4" long #32 screws for anchoring to iron base.

### Rivet and Eyelet Punch Set

Produces Factory-Like Job.  
Permits serviceman to set any rivet or eyelet used in radio work. The two setting tools are made of hardened tool steel formed to produce a factory-like riveting and eyeletting job.  
Holder is made of cast iron. Hexagonal slides permit tool to be placed in a vise without slipping.  
A well constructed sturdy tool for the shop or laboratory. Complete with generous assortment of tubular rivets and eyelets.  
**K11756**—List, \$2.00.  
YOUR PRICE ..... \$1.18



### Aluminum Corner Posts

Build your own shield boxes. 6 in long aluminum corner posts grooved on two sides to fit 1/2 in. thick aluminum pieces and tapped at each end to fit #2 in. machine screws. Thickness of metal overall 3/4 in.  
**K11782**—YOUR PRICE, Each Piece ..... 18¢  
**K11783**—Same as above but not tapped. We ship any length specified by you. You tap ends to suit your own requirements.  
YOUR PRICE Per Foot ..... 20¢  
NOTE: Minimum size order billing for special length aluminum corner posts is 50¢ l. e.—Four 15-inch pieces would be billed at 50¢, same as a single 12 inch piece.

# Screws-Nuts

## Round Head Machine



### Screws

Stock Number	Size 6-32		Price Gross
	Length Inches	Price Gross	
KI 1855	1/2	\$0.30	
KI 1856	3/4	.38	
KI 1857	1	.50	
KI 1858	1 1/4	.55	
KI 1859	1 1/2	.76	
KI 1860	2	1.05	

KI 1900 assortment equal quantities of each above lengths.  
PER GROSS ..... 69c

### Steel—Cadmium Plated

Stock Number	Size 4-36		Price Gross
	Length Inches	Price Gross	
KI 1861	1/2	.19	
KI 1862	3/4	.21	
KI 1863	1	.24	
KI 1864	1 1/4	.24	
KI 1865	1 1/2	.27	

KI 1901 assortment equal quantities of each above lengths.  
PER GROSS ..... 24c

Stock Number	Size 6-32		Price Gross
	Length Inches	Price Gross	
KI 1866	1/2	.15	
KI 1867	3/4	.16	
KI 1868	1	.17	
KI 1869	1 1/4	.18	
KI 1870	1 1/2	.19	
KI 1871	2	.22	
KI 1872	2 1/2	.24	
KI 1873	3	.27	
KI 1874	1 1/4	.31	
KI 1875	1 1/2	.35	
KI 1876	1 3/4	.42	
KI 1877	2	.45	

KI 1902 assortment equal quantities of each above lengths.  
PER GROSS ..... 36c

Stock Number	Size 8-32		Price Gross
	Length Inches	Price Gross	
KI 1878	1/2	.25	
KI 1879	3/4	.28	
KI 1880	1	.33	
KI 1881	1 1/4	.35	
KI 1882	1 1/2	.39	
KI 1883	1 3/4	.41	
KI 1884	2	.62	
KI 1885	2 1/2	.63	
KI 1886	3	1.35	

KI 1903 assortment equal quantities of each above lengths.  
PER GROSS ..... 69c

Stock Number	Size 10-32		Price Gross
	Length Inches	Price Gross	
KI 1887	1/2	.30	
KI 1888	3/4	.45	



### Flat-Head Machine Screws

#### Steel—Cadmium Plated

Stock Number	Size 6-32		Price Gross
	Length Inches	Price Gross	
KI 1889	1/2	.18	
KI 1890	3/4	.20	
KI 1891	1	.22	
KI 1892	1 1/4	.22	
KI 1893	1 1/2	.25	

KI 1904 assortment equal quantities of each above lengths.  
PER GROSS ..... 22c



### Round Head Wood Screws

#### Brass, Nickel Plated

Stock Number	Length		Price Gross
	Inches	Diam.	
KI 1895	1/2	5	27c
KI 1896	3/4	5	36c
KI 1897	1	6	45c

KI 1899 assortment equal quantities of each above lengths.  
PER GROSS ..... 42c

### Fahnestock Connectors



Wires held firmly in spring grip. May be instantly released.  
KI 1433—Single connector. Turn down corners prevent turning.  
Dozen ..... 11c  
Per Hundred ..... 65c  
KI 1434—Double connector.  
Dozen ..... 27c  
Per Hundred ..... \$1.59

# JUMBO BOX 900

## PIECES



A real Bargain! Purchased separately, this assortment would cost over \$2.50. Contains all these type items the busiest serviceman would ordinarily use. Included are approximately 125 assorted  $\frac{1}{2}$ " machine screws  $\frac{1}{2}$ " to 2" length; 100  $\frac{1}{2}$ " nuts; 100 assorted 8/32 machine screws  $\frac{1}{4}$ " to 2" length; 75.

# RADIO HARDWARE ASSORTMENT

Handy Hardware Assortment. 900 assorted nuts, screws, bolts, washers, eyelets, lockwashers and grommets.

KI 1826  
YOUR PRICE  
**95c**

8/32 nuts; 100 assorted wood screws, escutcheon screws, set screws, etc.; 150 assorted rivets and eyelets; 100 assorted fiber washers, and rubber grommets; 150 assorted brass washers, lock washers, solder lugs, eyelet lugs. Packed in nest box with removable compartments for each assortment.

### Bakelite Tubing



Genuine bakelite or mica bakelite tubing. Smooth polished surface. Natural finish. All tubing listed has  $\frac{1}{16}$ " wall which makes the inside diameter  $\frac{1}{16}$ " less than the outside diameter.

Stock Number	Length 3 Inches		Ten For
	Outside Diam.	Price Each	
KI 1328	1"	9c	\$0.80
KI 1329	1 1/2"	12c	1.05
KI 1330	2"	14c	1.30
KI 1331	2 1/2"	16c	1.45
KI 1332	3"	19c	1.80

#### Cut to Length

Any length may be specified. Minimum charge is price quoted per foot.

Stock Number	Outside Diam.		Price Per Foot	Four Feet for
	1"	1 1/2"		
KI 1333	1"	34c	\$1.30	
KI 1334	1 1/2"	40c	1.60	
KI 1335	1 1/2"	45c	1.70	
KI 1336	1 1/2"	50c	1.90	
KI 1337	2"	55c	2.10	
KI 1338	2 1/2"	60c	2.30	
KI 1339	2 1/2"	63c	2.50	
KI 1340	2 1/2"	70c	2.80	
KI 1341	3"	75c	3.00	
KI 1342	3 1/2"	80c	2.95	
KI 1343	4"	85c	3.25	
KI 1344	5"	\$1.16		
KI 1345	6"	1.37		

### Hollow Bakelite Rods

Genuine Bakelite. Concentric hole. Supplied in 18 inch lengths. Longer lengths supplied at proportionate prices.

Stock Number	Overall Diam.		Center Hole		Thick-18 inch Length
	1/2"	3/4"	1/4"	3/8"	
KI 1346	1/2"	3/4"	1/4"	3/8"	49c
KI 1347	3/4"	1"	1/4"	3/8"	59c
KI 1348	1"	1 1/4"	1/4"	3/8"	49c
KI 1349	1 1/4"	1 3/4"	1/4"	3/8"	59c
KI 1350	1 1/2"	2"	1/4"	3/8"	49c
KI 1351	1 3/4"	2 1/4"	1/4"	3/8"	59c

Other sizes supplied to order at proportionate prices. \$1.50 Minimum Order for lengths other than listed.

### Solid Bakelite Rods

Solid bakelite rods. Polished black finish. Supplied in 18 inch lengths. Longer lengths supplied at proportionate prices. \$1.50 Minimum Order for lengths other than listed.

Stock Number	Diam.		Price Each	Ten For
	1/2"	3/4"		
KI 1352	1/2"	3/4"	50c	\$4.25
KI 1353	3/4"	1"	50c	4.25
KI 1354	1"	1 1/4"	50c	4.25
KI 1355	1 1/4"	1 3/4"	55c	4.75
KI 1356	1 3/4"	2"	65c	6.00
KI 1357	2"	2 1/4"	75c	6.90
KI 1358	2 1/4"	2 3/4"	90c	8.10

### Combination Rivet — Solder Lug



Rivet fits  $\frac{3}{16}$ " hole. Illustration exact size. Plated with solder coating.  
KI 1813—**29c**  
Per Hundred .....  
Per Thousand ..... \$1.95

# Lugs-Washers

### Hexagon Nuts

Made of brass, nickel plated. Chamfered and countersunk for quick assembly work. Size  $\frac{1}{2}$ "

KI 1931	Per hundred	22c
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### Steel—Cadmium Plated

Stock Number	Size	Price Hundred
KI 1932	$\frac{1}{2}$ "	18c
KI 1933	$\frac{3}{4}$ "	19c
KI 1934	$\frac{1}{2}$ "	20c
KI 1935	$\frac{3}{4}$ "	25c

### Flat Washers

Made of brass, nickel plated. Fit size 0 screws.

KI 1843—Per hundred ..... 21c

### Steel—Cadmium Plated

Stock Number	Size	Price Hundred
KI 1844	4	18c
KI 1845	6	19c
KI 1846	8	20c
KI 1847	10	28c

### Locking Lugs and Washers

Insure permanent tight connections. When nut is tightened down they will not loosen regardless of vibration or shaking. Tinned.

KI 1848— $\frac{1}{2}$ " lug with #6 hole.  
KI 1849— $\frac{3}{4}$ " lug with #8 hole.  
KI 1850— $\frac{1}{2}$ " washer with #6 hole.  
KI 1851— $\frac{3}{4}$ " washer with #8 hole.  
Per Hundred 25c.  
PER THOUSAND ..... **\$1.75**

### Flat Lugs

KI 1852—**18c**  
PER 100 .....  
Per Thousand ..... **\$1.55**

Flat lug with two holes. Illustration is actual size. Best tinned lug on the market; makes soldering easy. Punched from sheet brass—evenly hot tinned, no bare spots. Vastly superior to electro plated or flashed lugs quoted at competitive prices.

### Shield Grid Caps

Similar to above, but smaller. Very handy for small connections.

KI 1853—**18c**  
PER 100 .....  
Per Thousand ..... **\$1.45**

### Hard Rubber Panels

Made of special compound having a rubber base. Can be drilled or cut without chipping. Will not warp. A perfect insulator for radio use. Smooth, clean edges. Thickness  $\frac{1}{8}$  inch. Average shipping weight, 3 pounds. Polished black finish.

Stock Number	Size Inches	YOUR PRICE
KI 1320	7x10	\$0.54
KI 1321	7x12	.58
KI 1322	7x14	.68
KI 1323	7x18	.95
KI 1324	7x21	1.03
KI 1325	7x24	1.18
KI 1326	7x28	1.40
KI 1327	7x30	1.75

### For Standard Glass Tubes

KI 1411—Type A 10 for 50c  
KI 1412—Type B 10 for 8c  
100 for... 50c

### For Octal Base Tubes

KI 1413—Type A 10 for 50c  
KI 1414—Type B 10 for 8c  
100 for... 50c

### Insulating Washers

For insulating equipment mounted on flat metal panels or chassis.

Stock Number	Flat Washers		Thick-ness	Ten for
	Outside Diam.	Hole Diameter		
KI 1831	1 1/2"	1"	$\frac{1}{16}$ "	8c
KI 1832	1 1/2"	1"	$\frac{1}{8}$ "	
KI 1833	1 1/2"	1"	$\frac{1}{4}$ "	
KI 1834	1 1/2"	1"	$\frac{3}{8}$ "	
KI 1835	1 1/2"	1"	$\frac{1}{2}$ "	
KI 1836	1 1/2"	1"	$\frac{3}{4}$ "	
KI 1837	1 1/2"	1"	$\frac{7}{8}$ "	

Per Hundred ..... **65c**

### Extruded Washers

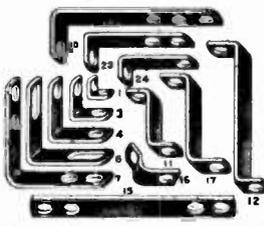
Shoulders fit into panel holes, insulating shaft, etc., in passing through panel.

Stock Number	Extruded Washers		Shoulder Diam.	Washer Thick.	Shoulder Ralso	Ten for
	Outside Diam.	Hole Diam.				
KI 1838	1 1/2"	1"	$\frac{1}{2}$ "	$\frac{1}{16}$ "	$\frac{1}{8}$ "	12c
KI 1839	1 1/2"	1"	$\frac{3}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{8}$ "	
KI 1840	1 1/2"	1"	$\frac{1}{4}$ "	$\frac{1}{16}$ "	$\frac{1}{8}$ "	
KI 1830	1 1/2"	1"	$\frac{3}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{8}$ "	
KI 1842	1 1/2"	1"	$\frac{1}{2}$ "	$\frac{1}{16}$ "	$\frac{1}{8}$ "	

Per Hundred ..... **95c**

# Indispensable Hardware for Servicemen

## Angle Brackets



Brass nickel plated. For mounting panels, tubes, colls, grid leaks, etc. Width ½ inches.

Stock Number	Code Num.	Size Inches	Ten For	Price
K11936	1	½ x ½	9c	
K11937	3	¾ x ¾	15c	
K11938	4	1 x 1	19c	
K11939	6	1 ½ x 1 ½	25c	
K11940	7	1 ½ x 1 ¼	35c	
K11941	10	2 x 2 ¼	35c	
K11942	11	¾ x high	10c	
K11943	12	2 inch	39c	
K11944	15	3 long	29c	
K11945	16	¾ x ¾	16c	
K11946	17	1 high	25c	
K11947	23	½ x 1 ¼	29c	
K11948	24	¾ x 1	15c	

## Service Angle Bracket Assortment

K11828—YOUR PRICE **24c**

Contains 28 pieces of brass, nickel plated angles and brackets in a variety of sizes most suited for service work. Consists of six ½" x ½" angles, four ¾" x ¾" angles, two 1" x 1" angles, two 1 ½" x 1 ¼" oval hole angles, six grid leak brackets, four ¾" x ½" brackets, two 1" x ½" brackets and two ¾" Z type brackets.

## Fibre Washer Assortment



K11829  
YOUR PRICE **24c**

100 piece assortment of fibre washers and grommets. A complete range of sizes. Plain and shoulder types to fit number 4-8-8-10 screws and ¼", ⅜" and ½" holes.

## Push Button Switch

K11075—Open Circuit. YOUR PRICE **16c**



Ten for \$1.50  
Fine quality. Pearl center with polished nickel rim. Fits ¾" hole. Screw connectors eliminate soldering. Suitable for circuits up to 250 volts, 2 amps. Phosphor bronze contact.

K11076—Same as above but for mounting in ¾" diam. hole. 1st Price 75c. YOUR SPECIAL PRICE... **20c**

## G. E. Rotary A. C. Switch



"ON" and "OFF" switch. 8" insulated leads. Rating 3 amps., 125 volts. ¾" long milled flat shaft. Underwriters approved.

K11073—YOUR PRICE, EACH... **9c**  
Ten for... **80c**

### Snap on Knob

Special knob for above switch. Black polished bakelite. Attractively designed. Diameter 1 ¼". Push-on type.

K11074—YOUR PRICE, EACH... **5c**  
Ten for... **35c**

## Metal Tapping Screws Gimlet Point—Round Head

Self-tapping steel screws that cut their own thread in metal of any gauge and drive home as securely as a machine screw in a machined thread. Just drill a hole and drive in the screw—no nut or tapping required. Ideal for replacing rivets, set screw in stripped castings, repairing spruing nut welds or any type of construction.



Size No. 6		Length Inches	Size No. 7	
Stock Number	Price Per Gross		Stock Number	Price Per Gross
K11905	30c	¾	K11910	32c
K11906	32c	⅞	K11911	34c
K11907	35c	1	K11912	36c
K11908	37c	1 ¼	K11913	38c
K11909	40c	1 ½	K11914	41c

Size No. 8		Length Inches	Size No. 10	
Stock Number	Price Per Gross		Stock Number	Price Per Gross
K11915	34c	¾	K11920	40c
K11916	36c	⅞	K11921	42c
K11917	38c	1	K11922	45c
K11918	40c	1 ¼	K11923	50c
K11919	42c	1 ½	K11924	55c

## Self-Tapping Screw Assortment

Most popular sizes used by set manufacturers. Can be used for replacement on Atwater-Kent, Bosch, Crosley, Eads, Majestic, Philco, etc. Ideal for general work. Does not require a nut. Consists of 24 screws of assorted sizes.

K11925—List Price, 50c. YOUR PRICE... **29c**

## Rubber Grommets

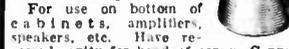


For insulating holes in metal plates on chassis, transformers and other Radio and electrical parts. Tough, strong vulcanized black rubber. All for metal about ¾" thick.

Stock Num.	Hole	Inside	Per Doz.	Hun.	Per Hun.
K11800	¼"	¾"	9c	52c	
K11801	½"	1"	15c	59c	
K11802	¾"	1 ¼"	17c	64c	
K11803	1"	1 ½"	19c	69c	
K11804	1 ¼"	2"	21c	74c	

K11805—Assortment of 60 Rubber Grommets. 12 each of above size. YOUR PRICE... **47c**

## Rubber "Feet" —Bumpers"



For use on bottom of cabinets, amplifiers, speakers, etc. Have recessed cavity for head of screw. Cannot scratch. Will support heavy weight without marring ordinary surface. For use with 6/32 or 8/32 machine screw and sizes 6 or 8 wood screws.

K11806—¾" diam., ⅝" high. K11807—¾" diam., 1" high. Per Dozen... **19c**  
Per Hundred... **95c**

## Machine Screw Washer and Nut Assortment

Contains assortment of 100 6/32 Round head machine screws from ¼" to 1 ½" long. 100 sets of nuts and washers included. A very handy assortment for it contains the most necessary sizes of machine screws—furnished in the proportions most commonly used.

K11827—YOUR PRICE... **27c**

## Ornamental Head Screws

For fastening Speakers to Grilles, etc.

Attractively embossed. Wide flat head, ¾ inch diameter. Will not pull through wood. 6/32 screws. Antique or Statuary Bronze finish.

Stock Number	Length	Per Dozen	Per Hundred
K11926	¾"	8c	47c
K11927	1"	9c	61c
K11928	1 ¼"	10c	75c

## PUNCHES For Socket and Condenser Mounting Holes



K11751—For 1 ½" holes. K11752—For 1" holes. K11753—For ¾" holes. K11754—For ½" holes. List Price, Each, \$3.00. YOUR PRICE, EACH... **\$1.69**

K11755—Special Multiposition Socket Punch. Cuts a 1 ½" keyed hole. Small projection left on hole circle prevents turning of socket. YOUR PRICE... **\$3.45**

Stamp round holes in sheet metal (chassis, etc.). Easily used in locations not possible to drill and are much more practical and faster. Make clean cut, round holes with blow of hammer in 16 gauge and even heavier steel. Simply drill ⅝" guide hole in metal stock to be punched. Insert guide pin in hole, place die below metal and punch above. Hold punch firmly and drive through stock. For active servicemen, small manufacturers, engineers

and laboratories a complete set of these dies will quickly save their cost. Tools are made of hardened steel, burnished and oiled. With reasonable care each tool will punch over a thousand holes in any ordinary metal stock. These tools open up a new field for Servicemen and engineers in designing and constructing custom built Radio Receivers, amplifiers, test instruments and other devices.

## Spade Lug For Anchoring Shield Cans to Chassis, etc. "Eyelets"

Steel Cadmium plated. Flat end with size 6 hole for rivet or screw; threaded end size 6/32. Illustration is actual size.

K11814—TEN FOR... **5c**  
PER GROSS... **42c**  
PER 1000... **\$2.45**

## Tubular Rivets "Eyelets"

Rivets for replacement and repair are a necessity for every serviceman. How often have you hesitated to drill out a rivet for a necessary repair because you were unable to replace it in a workmanlike manner. You can now replace rivets and make a clean professional job of it by using the special clinching tool listed below. These are the most popular sizes. Body diameter ⅝".

K11815—¾" long. K11816—1" long. Ten for... **9c**  
Per Gross... **45c**  
Per 1000... **\$2.25**

## Rivet Clinching Tool For Tubular Rivets

Every serviceman needs this handy tool for "driving home" tubular rivets. Tool is 3 ¾" long—½" diameter, tapered at one end. Has special machined face which centers on rivet and when driven with hammer will turn the rivet body back against the material and clinch it securely as if a power driven rivet. For ¼" and ⅝" body diameter tubular rivets.

K11750—YOUR PRICE, Each... **19c**

## Switch Levers

K11072—With black knob. 10c EACH... **10c**  
Tapered polished knob. Nibbed metal parts. Lever adjustable from 1 ¼ to 1 ½ inch radius.

## Nickel Plated Cap Screws

For Contact Points. Highly polished hexagonal head ⅝" across and ⅝" thick. Screw is ¾" long with standard ⅝" thread. K11929—Package of 100... **16c**

## Escutcheon Plate Screws

For attaching escutcheon plates to cabinets. Will fit with practically no exception every style of escutcheon plate. Length ¼ inch. K11930—No. 1 Round Head Brass Wood Screws. Per Gross... **29c**

## Condenser Sealing Compound

For "sealing in" paper insulated or dry electrolytic condensers on repair or special work. The proper compound chemically same as used by leading condenser manufacturers. Low melting point. Cools hard. Positively excludes moisture. Put up in a convenient size 1-lb. cake size 1 ½ x 8 ½".

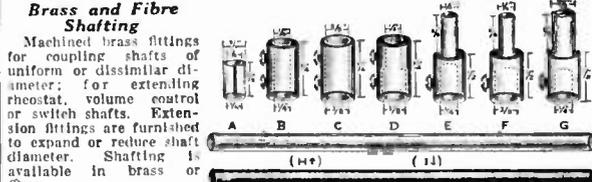
K5721—Per Package... **16c**  
5 for 75c

## Transformer Sealing Compound

Good thermo conductivity. Has the quality of displacing developed heat in transformers. Put up in a convenient size 2-lb. cake size 1 ½ x 8 ½".

K5722—Per Package... **24c**  
5 for \$1.05

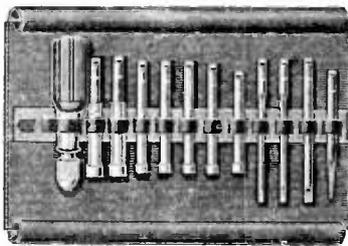
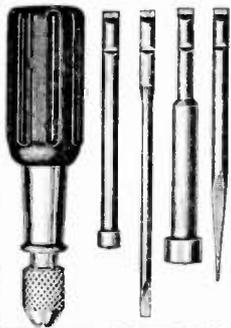
## Shaft Couplings, Reducers, Extenders



Machined brass fittings for coupling shafts of uniform or dissimilar diameter; for extending rheostat, volume control or switch shafts. Extension fittings are furnished to expand or reduce shaft diameter. Shafting is available in brass or fibre. Supplied in Either Brass or Bakelite. Specify Brass or Bakelite on your order.

Stock Number	Style	Length	Description	Your Price
K11785	A	¾" Long	¼" Hole I.D. ¾" O.D. Dial Bushing	5c
K11786	B	¾" Long	¼" Hole I.D. ¾" O.D. Coupling	9c
K11787	C	¾" Long	¼" Hole I.D. ¾" O.D. Coupling	9c
K11788	D	¾" Long	¾" Hole I.D. ¾" O.D. Coupling	9c
K11789	E	1-1/8" Long	¾" Hole I.D. ¾" O.D. Extender	9c
K11790	F	1-1/8" Long	¾" Hole I.D. ¾" O.D. Reducer	9c
K11791	G	1-1/8" Long	¾" Hole I.D. ¾" O.D. Reducer	9c
K11792	H	6" Long	¼" Diameter Brass Shafting	10c
K11793	I	12" Long	¼" Diameter Brass Shafting	14c
K11794	J	6" Long	¼" Diameter Fibre Shafting	17c
K11795	K	12" Long	¼" Diameter Fibre Shafting	18c

# Serviceman's Spintite Kit



**Socket Wrenches Reamer and Screw Drivers**  
**K11600 \$3.97**  
 YOUR PRICE

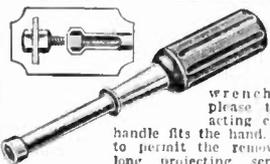
An extra fine quality compact outfit that provides a complete set of socket wrenches and screw drivers, also a useful reamer. This outfit meets the need of any radio repair job and can be rolled up to conveniently carry in the tool chest or analyzer. Outfit includes universal handle with chuck, 3 screwdriver bits, 1 ream awl, 7 spintite hexagon wrenches, sizes  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $1\frac{1}{2}$  inch. All mounted in durable tool roll. A very useful and necessary item of the Serviceman's equipment.

## Flexible Shaft Screw Driver For Hard to Reach Places



**K11593—**  
 List Price, \$1.50.  
**YOUR PRICE 88¢**  
 For use where a screw cannot be reached by a straight or offset screw driver. Can go under objects or around corners. Equipped with shaft of laminated steel wire. Flexible, strong and unbreakable. Insulated freely turning finger grip for holding driver end in place and for assisting in placing driver end in screw slot. Insulated slip grip type handle. Feathered steel blade of correct size to fit all radio screws.

## Genuine Spintite Hollow Stem Socket Wrenches



**For Small Hexagon Nuts**

Extra fine quality wrenches. Built to please the most exacting craftsman. Wood handle fits the hand. Stem is hollow to permit the removal of nuts on long projecting screws. Hardened tool steel. Suitable for continuous factory production work. Size given is width of hexagon nut in inches. Sold singly or as a set.

Stock Number	Size	Price Each	K11608 Complete set seven Wrenches
K11601	$\frac{1}{8}$ "	30c	<b>\$2.30</b>
K11602	$\frac{1}{4}$ "	30c	
K11603	$\frac{3}{8}$ "	30c	
K11604	$\frac{1}{2}$ "	30c	
K11605	$\frac{5}{8}$ "	40c	
K11606	$\frac{3}{4}$ "	40c	
K11607	$\frac{7}{8}$ "	40c	

## Hollow Stem Hex-Nut Wrenches

High quality tools. Have deep hollow in socket to take any ordinary projection of screw above nut. Fine tool steel shanks. Sockets of specially hardened tool steel. Shank and socket cadmium plated. Nicely finished grooved wood handles, provide sure grip. Shanks securely set in handles to prevent turning. Every Radio Serviceman needs a complete set of all three styles. Our quotations represent big values.



**With Straight Shanks, 6" Overall**

Stock Num.	For Hex. Nuts	YOUR PRICE EACH
K11610	$\frac{1}{8}$ "	<b>10¢</b>
K11611	$\frac{1}{4}$ "	
K11612	$\frac{3}{8}$ "	
K11613	$\frac{1}{2}$ "	
K11614	$\frac{5}{8}$ "	
K11615	$\frac{3}{4}$ "	
K11615	$\frac{7}{8}$ "	

**K11616—Set of 6 Wrenches Complete 52¢**

**With Straight Shanks, 9" Overall**

Stock Num.	For Hex. Nuts	YOUR PRICE EACH
K11617	$\frac{1}{8}$ "	<b>12¢</b>
K11618	$\frac{1}{4}$ "	
K11619	$\frac{3}{8}$ "	
K11620	$\frac{1}{2}$ "	
K11621	$\frac{5}{8}$ "	
K11622	$\frac{3}{4}$ "	
K11622	$\frac{7}{8}$ "	

**K11623—Set of 6 Wrenches Complete 62¢**

**With 90° Offset Shanks, 7" Overall**

Easily and quickly handle nuts in positions not accessible with straight shank wrenches. Except for 90° bend in shank construction is exactly same as above.

Stock Num.	For Hex. Nuts	YOUR PRICE EACH
K11624	$\frac{1}{8}$ "	<b>12¢</b>
K11625	$\frac{1}{4}$ "	
K11626	$\frac{3}{8}$ "	
K11627	$\frac{1}{2}$ "	
K11628	$\frac{5}{8}$ "	
K11629	$\frac{3}{4}$ "	
K11629	$\frac{7}{8}$ "	

**K11630—Complete Set of six wrenches YOUR PRICE 62c**

**Hollow Handle Radio Wrench Set**

**K11633—YOUR PRICE 43¢**

The handiest tool in the serviceman's kit. Hollow handle holds screwdriver socket and 5 wrench sockets: size  $\frac{1}{8}$ ",  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{3}{4}$ " all of which are included in set. Ideal for radio and general repair use. Handle and shank are  $\frac{7}{8}$ " inches long. Handle is heavily knurled, providing good gripping surface. Finished in white nickel.

**Burgess Flashlight Screw Driver**

**K11652—Screw Driver, Less Batteries. 39¢**

Put the Light Directly on the Screw

A combination flashlight and screw driver. Handle screws in dark places quickly and efficiently. Enables use of both hands. Large secure grip safety insulated handle. Fine tool steel blade handles all radio screws. Switch turns light off and on. Fully included. **Very Special Value!**



**K59—No. 1. Uni-Cell Batteries (2 Required) Two for... 12c**

**Radio Set Screw Drivers**

**K11643—29¢**  
 Set of three...

Real quality tools to handle tiny screws in recesses. Tight grip, moulded pulled black composition handles offer perfect insulation.  $\frac{1}{16}$ -inch diameter hardened steel blades, small enough and strong enough for any radio set screw. Blade lengths  $1\frac{1}{2}$ ",  $2\frac{1}{4}$ " and  $3\frac{1}{4}$ " inches. Blades will never loosen or turn in handles.

**DeLuxe Super-Grip Radio Screw Driver Set**

**Transparent High Insulation Handles**

Super quality, classy appearance. 5,000 volt test, unbreakable lustrous transparent non-flammable handles. Moulded to blade; will never loosen. Blades of fine hardened tool steel. Will handle tightest screws without bending or chipping. Blades are rust-proofed and highly polished. Vest pocket clip prevents losing. An extra-quality American made tool for the Professional Radio Serviceman. Blades  $\frac{1}{8}$ " diameter;  $1\frac{1}{2}$ ",  $2\frac{1}{4}$ " and  $3\frac{1}{4}$ " long. Handles perfectly all types of machine screws, dial screws, small wood screws, etc.

**K11644—Per Set of Three. 65¢**  
 YOUR PRICE

**Maple Handle Screw Drivers**

**K11645—Set of 4 Your Price 59¢**

Substantially made to stand the gaff yet low in price. Handles are of white hardwood in natural varnish finish, fluted for sure grip. Blades of hardened and polished tool steel. Will not turn in handles. Extra heavy steel ferrules. Four Drivers with 6, 5, 4, and 3 inch blades. A set of these drivers will handle practically every machine and wood screw, except very smallest ones, used in Radio Service Work.

**Hold-E-Zee Screw Drivers**

**Holds Any Size Screw**

Quickly places any type screw in spots not accessible with ordinary screw driver. Screw gripper holds screw firmly while screw is being placed and instantly releases it when desired. Gripper slips along blade to upper end when not in use. Strong insulated unbreakable handle. Hexagonal tool steel blade  $\frac{3}{8}$ " diameter.

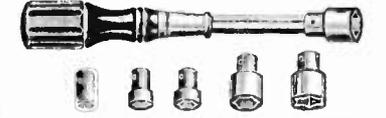
K11646—3" Blade, Each	34c
K11647—4" Blade, Each	49c
K11648—10" Blade, Each	55c

**Screw Holding Screw Drivers**

Four finger-like prongs hold nuts, screws, lock washers, etc. in vise-like grip. Works in places impossible to reach with fingers or ordinary tools. Nickel plated tempered steel blade. Moulded bakelite handle. This is one of the most satisfactory tools of this type that we have seen.

K11650—8 inch, Each	75¢
K11651—10 inch, Each	95c

## Special Socket Wrench Set



**K11631—Handle and five sockets. 59¢**  
 YOUR PRICE

A specially selected set of five detachable sockets, together with a special tight-grip handle in which is set a sturdy steel shaft firmly held with long steel ferrule. Fine quality steel sockets with very thin but strong walls. Sizes:  $\frac{1}{8}$ ",  $\frac{1}{4}$ ",  $\frac{3}{8}$ " and  $\frac{1}{2}$ " inch for hexagonal nuts. Hollow stems take screws projecting not over  $\frac{3}{8}$ " inch.

## Socket Wrench and Screw Driver Set



**K11632—List Price, 75c. 38¢**  
 YOUR PRICE

A set of seven detachable sockets, together with handle—a mighty useful addition to your radio tool chest. Fine quality steel. Sizes:  $\frac{1}{8}$ ",  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ", one for turning knurled nuts and a screw driver attachment that handles all sizes of radio screws. Cadmium plated. Black wood handle.

## Super Grip Screw Drivers Insulated Handles—Insulated Blades



The finest made and at bargain prices! Tight grip, moulded, polished black composition handles. Offer perfect insulation. Radio sizes have slender hardened steel blades, diameter  $\frac{1}{16}$ " inch. Reach the difficult spots. Blades can never get loose or turn in handle. Very strong and rugged. Every serviceman and machinist should have a complete set. Blade  $\frac{3}{8}$ " diameter.

Stock Number	Blade Length	Price Each	K11636—Set of 6 One of each size.
K11637	$3\frac{1}{2}$ "	12c	<b>\$1.23</b>
K11638	$4\frac{1}{2}$ "	15c	
K11639	$5\frac{1}{2}$ "	20c	
K11640	$6\frac{1}{2}$ "	20c	
K11641	$8\frac{1}{2}$ "	28c	
K11642	$10\frac{1}{2}$ "	32c	

**Genuine**

**Mathias Klein Pliers**

*The World's Standard of Quality*

Klein pliers are made of the best fine tool steel, guaranteed the highest quality on the market. Considering the quality and long life of Klein products, the values offered are exceptionally good.

**Klein's Narrow Nose**

**Oblique Plier**

*Klein's Cat. No. 202*



Cuts close, the narrow head permitting use in confined places. Knives perfectly fitted so that they meet accurately at all points.

KI1655 5 inch. Each ..... \$1.80  
KI1656 6 inch. Each ..... \$2.00

**Klein's Long Nose**

**Side Cutting Plier**

*Klein's Cat. No. 203*



Fine cutting assured. Knives carefully fitted. Body of the plier is hardened and tempered. Point  $\frac{1}{8}$  inch round.

KI1657 5 inch. Each ..... \$1.90  
KI1658 6 inch. Each ..... \$2.10

**Diagonal Jaw Nippers**

*KI1661—*



Your Price..... **34¢**

For fine electrical and radio work. Made of hardened tool steel. Cuts wire clean in tight places. Size  $\frac{5}{16}$  inches.

**Long Nose Pliers**

*KI1662—*



Your Price..... **34¢**

The handiest pliers for radio work. A fine quality tool made of fine hardened tool steel.

**End Cutting Nippers**



*KI1663—*

**56¢**

Cuts wire and small crews in tight places. Drop forged steel. Hardened jaws. Guaranteed.

**Special Thin Nose Pliers**

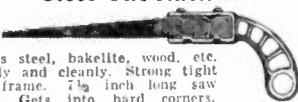
*KI1664—*



**34¢**

Handy radio pliers with long thin jaws for reaching into narrow places. Stub nose will hold nuts firmly. Overall length  $6\frac{1}{2}$ "

**Close Cut Hack Saw**



Cuts steel, bakelite, wood, etc. quickly and cleanly. Strong tight grip frame.  $7\frac{1}{2}$  inch long saw blade. Gets into hard corners. Reaches many places ordinary hacksaw cannot touch. Blade very durable, almost unbreakable. Blade easily replaced. Very fine teeth, 18 per in. **21¢**

KI1667—Frame with one blade.....  
KI1668—Extra blades. Six for..... **61¢**

**Pistol Grip Hack Saw**



*KI1669—List. \$1.00.*

**49¢**

American made. Finest quality. A real bargain. Strong, adjustable to take 8, 10 or 12 inch blades. Moulded handle. One 10" blade included.

**Hack Saw Blades**



*Best American Made*

KI1670—8-in. Dozen. Your Price ..... **45¢**

KI1671—10-in. Dozen. Your Price ..... **59¢**

KI1672—12-in. Dozen. Your Price ..... **72¢**

**Circle Cutters**

Adjustable from 1" to 4"

KI1673—YOUR PRICE ..... **\$1.90**

For cutting socket holes, meter holes, etc., in wood, bakelite, hard rubber, linoleum, brass, tin, sheet metal, etc. Does first class job and makes clean cut. Drills pilot hole, cuts out material and puts bead or scroll around hole all in one operation. Made of best materials. Best high speed steel cutting bits for use in breast drill, hand brace or drill press.



KI1674—Same as above but without beading Cutter. YOUR PRICE ..... **\$1.10**



**Heavy Duty**  
For cutting the heaviest of materials. Will cut  $\frac{1}{8}$ " cold rolled steel,  $\frac{1}{8}$ " aluminum. Dashboards of cars, etc. Adjustable from 1" to  $5\frac{1}{2}$ ".  
KI1675—Square Shank. Your Price **\$1.88**

KI1676— $\frac{1}{2}$ " Round Shank. YOUR PRICE ..... **\$1.88**

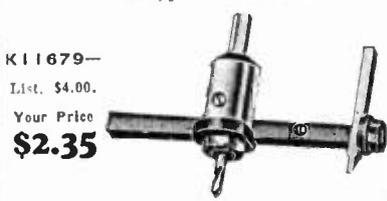
KI1677—Extra cutter for either of above. YOUR PRICE ..... **24¢**

**Junior Model**

Adjustable from  $\frac{3}{8}$ " to  $2\frac{1}{2}$ ". Will cut hard rubber, bakelite, fibre and wood. Similar to above model in construction. Supplied with round shank only. For light work only.

KI1678— $\frac{1}{2}$ " Round Shank. YOUR PRICE ..... **78¢**

**New All-Purpose Circle Cutter Cuts Holes From  $\frac{3}{4}$ " to 8 Inches**



KI1679—List. \$4.00. Your Price **\$2.35**

A new heavy duty, all-purpose circle cutter. All parts are hardened steel, insuring long life and ability to do the toughest jobs. Hexagon shaft fits brace or electric drill. 1 inch diameter cutting bar holder is fitted with removable centering drill. Any size pilot pin may be used in centering drill's place.  $\frac{3}{8}$ " square cutting bar holds  $\frac{1}{8}$ " high speed cutting bit. A quality, sturdy tool for machine shop, laboratory or servicemen's bench.

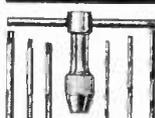
**HIGHEST QUALITY Alloy Steel Twist Drills American Made**

Made of alloy steel consisting in part of tungsten which makes these drills far superior to ordinary carbon drills. Straight shank. Particularly intended for electric drills. Perfectly pointed, precision ground. Extra strong web prevents splitting of drill. Correctly tempered to insure long life. Quality considered, our prices represent extra-ordinary values.

KI1681—Seven drills in Hardwood Box. Sizes  $\frac{1}{16}$ ,  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$  and  $\frac{3}{8}$  inch. YOUR PRICE ..... **81¢**

KI1682—Eight drills in Hardwood Box. Sizes  $\frac{1}{16}$ ,  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$  and  $\frac{1}{2}$  inch. YOUR PRICE ..... **\$2.73**

KI1683—Eleven drills in Fibre Roll. Sizes  $\frac{1}{16}$ ,  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{5}{8}$  inch. YOUR PRICE ..... **\$1.27**



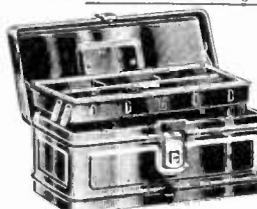
**Tap Wrench with Drills and Taps**

KI1684—Per Set ..... **\$1.15**

Three taps and three drills, one each for  $\frac{1}{16}$ ,  $\frac{3}{16}$  and  $\frac{1}{8}$  inch. Wrench to hold taps and drills. This is the most practical set for Radio Servicemen.

**Radio Servicemen's Tool Boxes**

All are of heavy gauge cold rolled steel, bakel-on enamel green finish. Brass plated catches and lock with one key. Padded sides, ends, top and bottom for rigidity and strength.

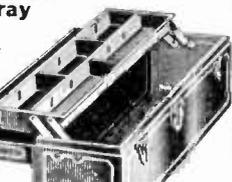


KI5870—YOUR PRICE **76¢**  
Handy size for a serviceman. Very strong and light. 12 3/4" long, 5 1/2" deep, 6 1/2" wide. Safety lock and cantilever tray with adjustable partitions.

**Cantilever Tray Tool Box**

Tray Raises as Lid is Opened

KI5871—Size 6x6 1/2 x 14" YOUR PRICE **89¢**



KI5872—Size 6x6 1/2 x 18" YOUR PRICE **\$1.28**

Tray is so fastened that as cover is raised tray is automatically lifted, permitting easy access to bottom compartment. Box has gold rule of full size scale on cover.



**Portable Model Servicemen's Vises**

KI1685—YOUR PRICE ..... **73¢**

Sturdily built, accurately fitted. Machine cut steel screw. Polished jaws  $1\frac{1}{2}$ " wide. Red Japan body. Convenient to carry in tool box. Shpg. wt., 2 lbs.



**Journeyman's Swivel Bench Model**



KI1686—YOUR PRICE **\$2.48**

Replaceable hardened steel jaw faces, knurled surfaces. Cold rolled steel bar, screw and handle. Pipe jaws hold pipe  $\frac{3}{8}$  to  $1\frac{1}{4}$ ". Jaws open  $3\frac{1}{2}$ " width 3". Swivel base with improved lock, holds fast at any angle. Rugged and firm. The finest vise on the market for Radio and electrical work.

**Soldering Iron Rest With Cleaner and Flux**

KI1742—List Price, 65¢. YOUR PRICE ..... **39¢**

A practical soldering rest for the shop or on the job. Constructed so that iron can be put down from any angle. Iron rests on radiating coils which prevent overheating, prolonging the life of your iron. Two sections in the base contain a flux for cleaning the tin in one and an abrasive in the other to keep the tip from burning.



**4 in 1 Screw Driver**

KI1653—YOUR PRICE, Per Set..... **39¢**  
Four screw drivers. Smaller ones nest inside large one. Largest driver 6 1/2" long, 2" hardened steel blade. Fits all radio screws.

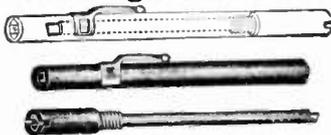


**Radio Wrench Set**

KI1634—YOUR PRICE ..... **15¢**

Set of three wrenches in leather case. For all hex nuts measuring  $\frac{1}{16}$ ,  $\frac{3}{16}$ ,  $\frac{1}{8}$ ,  $\frac{5}{16}$  and  $\frac{3}{8}$  inch with alligator jaw for odd sizes. Very handy.

## Neutralizing and Alignment Tools



**Polished Genuine Bakelite**  
**K11577—YOUR PRICE ..... 44¢**  
 Ten for ..... \$4.20

No Serviceman can afford to be without a set of these new, improved neutralizing and balancing tools. Made fountain-pen size and furnished with a handy pocket clip. Can be worn in the vest pocket, ready for instant use. Ideal for "lining up" variable condenser sections. Made of polished black bakelite with steel driver blade. Finest quality. Not to be compared with cheap fiber tools. Length, 6 inches. Driver fits into the wrench.

### Fine Quality Casein

Same size and construction as above. Material used is similar to bakelite. Very attractive brilliant colors. Not quite as strong nor as durable as bakelite.

**K11578—Assorted Colors. YOUR PRICE ..... 29¢**

## Majestic and Crosley Alignment Attachments



**CROSLY MAJESTIC K11583**  
 Fit neutralizing tool No. K11577, listed above.  
**Bal-Neut for Majestic Sets**  
**K11583—List, 55¢. YOUR PRICE ..... 23¢**

Overall length 2 1/2". Has screw driver and offset socket for 1/4" hex. nuts. Extends tool 1 1/2".

### For Crosley Sets

**K11584—List, 20¢. YOUR PRICE ..... 10¢**  
 Extends tool 1 1/2". Has socket for 3/8" square nuts.

### For Majestic Sets

**K11585—List, 20¢. YOUR PRICE ..... 10¢**  
 Extends tool 1 1/2". Has socket for 1/4" hex. nuts.

## Five-in-One Neutralizer Compensator and "Tool Kit"



**K11582—YOUR PRICE ..... 71¢**

Combines in a fountain pen size compact tool that can be carried in your vest pocket. 3/4" and 3/8" nut wrenches, miniature blade screw driver for neutralizing and a full size insulated handle general purpose screw driver. Made of fine quality extra strength fiber. Fountain pen clip prevents losing from pocket. When closed, no sharp points are exposed to wear clothing.

## Neutralizing and Compensating Screw Driver



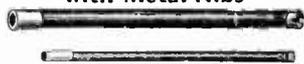
**K11579—YOUR PRICE ..... 23¢**  
 Bakelite knob, diameter 1" fastened to 1/4" hard rubber rod projecting 3/8". Hardened screw driver blade.

## "Alligator" Neutralizing Wrench and Screw Driver



**K11580—YOUR PRICE ..... 24¢**  
 Alligator wrench with 3/4" opening. Securely fastened to extra strong high insulation rod size 3/8" x 1 1/4". Hardened steel screw driver blade.

## Neutralizing Tool Set with Metal Nibs



**K11581—YOUR PRICE ..... 69¢**  
 Polished black bakelite handles. Two tools. One consists of a 3/8" diam., 6" long tube on each end of which are heavy brass nickel plated socket wrenches for 3/8 and 1/2 inch hex nuts. The other tool fits inside the first tool and consists of a 3/8" solid rod, one end of which has a strong screw driver blade, the other end is of special magnetic steel. Fits Majestic Model 70 and many others.

## Neutralizing and Aligning Tool Kit



**K11559—List Price, \$4.50. YOUR PRICE ..... \$2.65**

Every serviceman needs these balancing instruments. This complete outfit provides every tool that you will ever need to neutralize, balance or re-align the variable condenser or IF sections of any receiver. Fourteen tools, ingeniously designed to telescope into each other, become only six pieces when assembled into the attractive black leatherette carrying case. Bodies are extra strong, made of the high dielectric hard rubber, fiber and bakelite. Fittings are polished nickelled brass.

### Separate Tools Provided

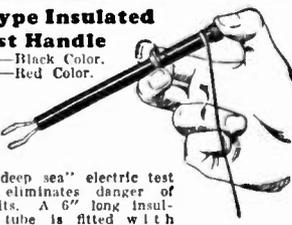
New flexible screw driver for hard to reach places. New magic alignment tool. Alligator side wrench. 6" Insulated Screw Driver with metal nib. Metal 3/8" nut wrench. Metal 1/4" nut wrench. 1/4" square nut insulated wrench. 1/4" hex. metal side wrench. 2 1/2" insulated screw driver with metal nib. 1/2" hex. slotted insulated wrench. Metal screw driver. 1/2" hex. insulated nut wrench. 5" insulated screw driver with metal nib. 6" insulated screw driver. Same as above but without flexible screw driver and magic alignment tool, making twelve distinct tools which telescope into four pieces.

**K11560—Complete with leatherette case. List Price, \$3.50. YOUR PRICE ..... \$2.06**

## Snap Type Insulated Test Handle

**K11452—Black Color. K11453—Red Color.**

**YOUR PRICE EACH ..... 45¢**



A new "deep sea" electric test clip that eliminates danger of short circuits. A 6" long insulated fibre tube is fitted with spring contact jaws operated by a push of the thumb. Test wire connected under insulated binding post. Will pick up screws, etc., dropped into inaccessible places.

## Neon Tattelite Tester

**Non-Breakable Neon Lamp**

**K11186—List Price, \$1.00. YOUR PRICE ..... 59¢**

Indicates: live lines, open circuits, radio frequency and static electricity. Tests for: defective fuses, condensers, insulation, resistors, and spark plug. For all continuity tests in Radio Sets and laboratory apparatus. A 100,000 ohm protective resistor is in series with the neon lamp which glows on only .0005 ampere current. Operates on 90 to 550 volt circuits. On A.C. both electrodes glow; on D.C. only the negative side glows. Two heavy insulated 1/2" leads fitted with pin tips. Unbreakable assembly.



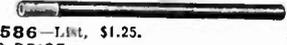
## Flexible Shaft Socket Wrench



**K11587—List, \$2.00. YOUR PRICE ..... \$1.18**

This socket wrench is particularly adaptable for adjusting and aligning trimmers on RCA Victor Receivers, Model R-32, R-35, etc. Flexible oval shaped socket end. Moulded rubberized, sure grip handle. Case hardened, cadmium plated steel shaft and socket.

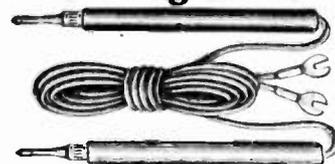
## Tuning Wand



**K11586—List, \$1.25. YOUR PRICE ..... 73¢**

Consists of a bakelite rod with brass cylinder at one end and special iron core at other end. Inserting brass end in coil lowers inductance, iron end increases inductance. Indicates proper coil adjustment without changing trimmers.

## Testing Leads



**With Heavy-Duty Laboratory Sharp Point Ends**

**K11548—Spade Ends. YOUR PRICE PER PAIR ..... 48¢**

Polished, lustrous high dielectric handles 3 1/2" long (over-all) 3/8" diameter. One red, one black for polarity indicating. 60" long flexible heavy duty rubber covered cables in colors to match probes. Point screws into prod handle and projects 1". All connections are properly soldered, providing low resistance connections necessary for making precision measurements.

### With Phone Tip Prods



**K11549—Spade Ends. K11550—Tip Ends. Per Pair ..... 25¢**

**K11551—Alligator Spring Clip Ends. Per Pair ..... 35¢**

Polished lustrous high dielectric handles, 4" long (overall) 3/8" diameter. One red, one black for polarity indicating. 50" long flexible cables in colors to match.

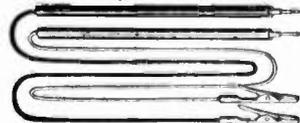
### With Renewable Sharp Point Spade Needle Prods



**K11552—Phono Ends. K11553—Tip Ends. Per Pair ..... 29¢**  
**K11554—Alligator Spring Clip Ends. Per Pair ..... 36¢**

Polished lustrous high dielectric handles, 4" long (overall) 3/8" diam. One red, one black for polarity indicating. 50" long flexible cables in color to match. Chucks hold needles which are easily renewable. Needle points enable accurate readings through insulation, and painted or rusty surfaces.

### With Slender Pencil Type Sharp Point Prods



**K11555—Spade Ends. K11556—Tip Ends. PER PAIR ..... 35¢**  
**K11557—Alligator Spring Clip Ends. PER PAIR ..... 44¢**

Long, thin polished lustrous high dielectric handles 7" long (overall), one red, one black for polarity indicating. 60" long flexible cables in colors to match. Best suited Prods for ohmmeter and exploring service. Reaches otherwise inaccessible points as between voice coils and speaker frame, sub-assemblies, etc.

## No Metal Neutralizing Tools Neutralizing Wrench



Made of strong durable bone fibre. Essential for proper alignment of High Fidelity receivers. No metal parts.

**K11588—5 1/2 inches long. YOUR PRICE ..... 11¢**  
**K11589—3 inches long. YOUR PRICE ..... 13¢**

## Combination Neutralizing Wrench and Screw Driver



No metal parts. Screw driver slides into one end of handle. Other end is hexagon braced to balance hex top trimmers. Absolutely essential where it is necessary to neutralize by turning both screw and nut. Made of strong, hard rolled fibre.

**K11590—Adjustable from 7 to 10 inches. YOUR PRICE ..... 34¢**  
**K11591—Adjustable from 11 to 17 inches. YOUR PRICE ..... 49¢**  
**K11592—Screw driver only. Beveled at both ends. 7 inches long. YOUR PRICE ..... 21¢**

## Pencil Type Test Prods

With Interchangeable Tip Ends



New 6 inch test prods only 1/4" diameter. Extra strong, high insulation fibre handles. Spring prod ends provide a quick positive means of changing from one type of tip to another. Included are one pair each; alligator spring clips; tapered spade lugs and the new needle point phone tip for piercing insulation. Prods also fit all standard phone tip jacks. Complete with one black and one red 5 foot flexible wire.

K11546—List Price, \$1.50. **75¢**  
YOUR PRICE, Per Set

## Special Set Trimmer For PHILCO, R. C. A., and Other Radios



Fits smallest size trimmer condensers. Screw driver end is milled from solid rod and hardened for durability. Fits into a 3/4" hole up to a depth of 1 1/2". Socket head for 1/4" hexagon nut is reinforced by metal band. Made of hard fibre.

K11575—6" long, List Price, 75¢. **44¢**  
YOUR PRICE

K11576—10" long, List Price, \$1.00. **59¢**  
YOUR PRICE

## Alligator Test Clips

New type. Long thin jaws. Strong spring ends provide smallest terminal lug or lead with a tight, sure, positive contact. Barrel end will fit Banana Type Spring Contact Plug-in prongs or can be securely soldered to test cable.

K11467—Small size, 2" long, 1/4" wide. **4¢**  
YOUR PRICE, EACH

Ten for ..... **32c**  
100 for **\$3.15**

K11468—Large size, 2 3/4" long, 3/8" wide. **5¢**  
YOUR PRICE, EACH

Ten for ..... **45c**

## Insulated Alligator Clips



High di-electric insulated 1 1/2" handle is forced over barrel end of clip. 3 1/4" long overall, 3/8" wide.

K11469—Red K11462—Green } EACH  
K11460—Black K11463—Yellow } **8¢**  
K11461—Blue K11464—Purple }  
Ten for ..... **70c**

## Long Test-Prod Handle

With Sharp Point Phone Tip End

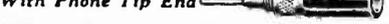


Hollow high di-electric insulated handle. 5 1/2" long overall, 3/8" diameter. Sharp point phone tip terminal. Will pierce insulation, rust, pitch and paint. Fits standard phone tip jack. Completely solderless, merely unscrew phone tip and insert wire. Brilliant lusterous color coded handles.

K11465—Red K11468—Green } EACH  
K11466—Black K11469—Yellow } **15¢**  
K11467—Blue K11470—Purple }  
Ten for ..... **\$1.20**

## Short Test-Prod Handle

With Phone Tip End



Hollow high di-electric insulated handle. 1 1/2" long overall, 3/8" diameter. Phone tip end, fits any standard phone tip jack. Completely solderless. Merely unscrew phone tip and insert wire.

K11471—Red K11474—Green } EACH  
K11472—Black K11475—Yellow } **5¢**  
K11473—Blue K11476—Purple }  
Ten for ..... **45c**

## Insulated Top Jacks

For Standard Phone Tips



Insulated top 3/8" diameter. Brilliant lusterous color. Holds phone tips straight and tight. Fits panels up to 1/4" wide. Fiber shoulder washer and metal lock nut included.

Ten for ..... **48c**

K11477—Red K11480—Green } EACH  
K11478—Black K11481—Yellow } **6¢**  
K11479—Blue K11482—Purple }

## Solderless Tip Plug

K11812—

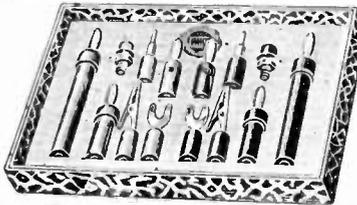
Your Price, Each... **4¢**

Ten for **35c**. Per hundred, **\$3.25**

Attached to cord or wire without soldering or use of tools. Positive connection. Fit banana jack or any standard tip jack or jack assembly. Made of brass nickel finish.

## Test Prod Kit

With Interchangeable Plug-in Tips



K11558—List Price, \$2.00. **\$1.03**  
YOUR PRICE

A complete set of 14 pieces insulated test prods of long, short and medium lengths with interchangeable plug-in tips.

Provides the serviceman with the most efficient tools available for making quick positive connections from his test equipment to the "job" under inspection. These handy prods will reach into the most confined, tight spots to save you time. The "locking link" between the set and your test instrument.

Furnished with interchangeable tips consisting of a pair of insulated alligator clips with narrow tight gripping jaws; a pair of insulated needle-point tips for piercing insulation, checking continuity and making positive contact on corroded terminals; a set of insulated plugs with universal tapered lugs which fit sizes 4, 6, 8 and 10 screws. A pair of insulated jacks are supplied.

Handles of prods are made of high insulation material. Solderless screw connections safely insulated by sleeve caps which fit securely over set screws. Three pair of prod handles with prong ends which may be instantly plugged into any of the interchangeable tips. Handle lengths are 4 inch, 2 3/4 inches and 1 1/2 inches overall. All pairs color coded red and black for polarity identification. Colors will not fade. Use flexible cable 3E2080, etc., listed below, for connections.

## Insulated Binding Posts

With Jack for Banana Type Plug-in Prods Built-in Head



New style for Analyzers, Ohm-meters, etc. Moulded, high di-electric, knurled grip, non-removable top. Standard receptacle for Banana type plug-in prods built into stem. A transverse hole is provided under the screw top for wire and phone tip connections. Length overall with top is 1 1/2". Extends 1/2" above panel when top is screwed down. Fitted with 1/2" screw 3/8" long and two nuts.

K11483—Red K11486—Yellow } EACH  
K11484—Black K11487—Green } **7¢**  
K11485—Blue K11488—Purple }  
Ten for ..... **65c**

## Standard Insulated Binding Posts

With Color Coded Tops

Attractive colored, high di-electric, insulated top-diameter 1/2". Mounted on 10-32 screw 3/8" long. Metal washer 1/2" diam., 1/4" thick.

K11489—Red K11492—Green } TEN FOR  
K11490—Black K11493—Yellow } **48¢**  
K11491—Blue K11494—Purple }

## Small Insulated Binding Posts

With Color Coded Tops

Same as above but smaller. Top 3/8" diam., 6/32 screw 3/8" long. Metal washer 3/8" diam.

K11495—Red K11498—Green } TEN FOR  
K11496—Black K11499—Yellow } **42¢**  
K11497—Blue K11500—Purple }

## Flexible Cable For Test Leads

Flexible rubber covered stranded copper wire, equivalent to size 16. Conductor is covered with cotton serving over which is a live rubber covering 3/4" thick. Over this is a lacquer saturated tight cotton braid. Will withstand highest voltages encountered in radio test work. Available in red and black covering for positive and negative.

K4302—Red K4305—Green } 25 Ft. **37¢**  
K4303—Black K4306—Yellow }  
K4304—Blue K4307—Purple }  
100 Ft. for ..... **\$1.10**

## Insulated Connectors

For Banana Type Plug-in Tips and Prods



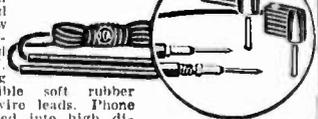
Securely and speedily connect any Tips or Prods having Banana Type Plug-in Prods. Lusterous colored high di-electric insulated body, 1 1/2" long, 3/8" diameter.

K11501—Red K11504—Green } EACH  
K11502—Black K11505—Yellow } **10¢**  
K11503—Blue K11506—Purple }  
Ten for ..... **78c**

## Pencil Type Test Leads

With Finger-Grip Moulded Tips

5" pencil type prods made of high di-electric insulation material. Sharp pointed



3 threaded (this screw into handles and project 1/2" .05" long) fine flexible soft rubber kinkless wire leads. Phone tips moulded into high di-electric finger grips. All connections soldered. Finger grips and prods are one each red and one each black.

3K11547—List Price, \$1.25. **73¢**  
YOUR PRICE, Per Set

## Banana Type Test-Prods

2 1/2" high di-electric handles. Solderless screw terminal. Spring contact fits plug-in jack. Color coded handles.

K11507—Red K11510—Green } EACH  
K11508—Black K11511—Yellow } **12¢**  
K11509—Blue K11512—Purple }  
Ten for ..... **\$1.08**

## Pong End Adapters

For Test Prods with Banana Style Prods



Adapters with high di-electric insulated handles. Connect securely. They give your test apparatus that extra degree of adaptability that enables many additional tests to be speedily made with minimum amount of connection changes. Every shop and laboratory needs several sets. One each—Sharp Point, Test Lug, Phone Tip and Alligator Clip included in set.

K11513—Red K11516—Green } Net Per Set of 4  
K11514—Black K11517—Yellow } **20¢**  
K11515—Blue K11518—Purple }

Ten Sets for ..... **\$1.75**

## Insulated Plug-in Tips

With Banana Type Spring Contact Prods

High di-electric insulated hollow handle 3/8" long. Solderless screw connection. Provides for connecting test wires into plug-in tip jacks.

K11519—Red K11522—Green } EACH  
K11520—Black K11523—Yellow } **6¢**  
K11521—Blue K11524—Purple }  
Ten for ..... **48c**

## Standard Plug-in Insulated Jacks

For Banana Type Spring Contact Prods and Tips

Takes above three types, prods and tips. Provides a secure low resistance connection, quick make and break. Fits panels up to 3/8" thick. Shoulder washer included for metal panels.

K11525—Red K11528—Green } EACH  
K11526—Black K11529—Yellow } **6¢**  
K11527—Blue K11530—Purple }  
Ten for ..... **48c**

## Special Quality Plug-in Insulated Jacks

Take Banana Style Spring Contact Prods and Tips

Better design and construction than above Standard Plug-in Jacks. Brilliant lusterous moulded high di-electric insulated tops. Intended for better grade of laboratory apparatus. Fit panels up to 3/8" thick.

For Bakelite or Wood Panels  
K11531—Red K11534—Yellow } EACH  
K11532—Black K11535—Green } **9¢**  
K11533—Blue K11536—Purple }  
Ten for ..... **78c**

For Metal Panels—Have Moulded Washers  
K11537—Red K11540—Yellow } EACH  
K11538—Black K11541—Green } **10¢**  
K11539—Blue K11542—Purple }  
Ten for ..... **88c**

## "Banana" Style Plug-in Spring Contact Prods

Fit above two styles of jacks. Provide secure solid contacts. Easily attached to rods or sheet. Efficiently provides for plugging-in many styles of special apparatus.

K11543—With unthreaded Shank, 1 1/4" overall. Ten for ..... **30¢**

K11544—With threaded Shank and two nuts 1 1/4" overall. Ten for ..... **35¢**

## Metal Jack

For Banana Type Plug-in Prods

Made of brass nickel plated. Hold prods securely. Provide sure contact. Fits 3/8" hole Shank 3/8" long. Lock nut and solder lug included.

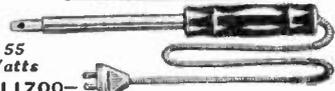
K11545—Ten for ..... **35¢**

## SOLDER-MASTER

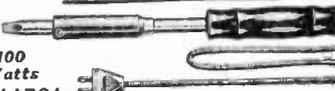
### Electric Soldering Irons

Solder Quicker, Better, at less cost.  
For 105-120 volt A.C. or D.C.

Give quick heat and long satisfactory service. Quality and life are guaranteed. Any element that proves defective when properly used will be made good. Underwriters approved asbestos cords. Neat durable element holders. Cool, generous size handles. Renewable tips and heating elements.



**55 Watts**  
**K11700**—Length overall 11 3/4".  
For light Radio Repairing and Home use.  
YOUR PRICE ..... **97c**



**100 Watts**  
**K11701**—Length overall 12 3/4".  
For general Radio and Electric work.  
YOUR PRICE ..... **\$1.78**

### Repair Parts for Solder-Master Irons

Stock Number	Price Each	For Iron Size	Stock Number	Price Each
K11702	15c	55 Watts	K11704	\$0.35
K11703	22c	100 Watts	K11705	.98

## ICA SPECIAL QUALITY Electric Soldering Iron

Popular Serviceman's Sizes



Stock Number	Watts	Tip Diam.	Length Overall	List Price	Your Price
K11724	60	5/16"	10"	\$3.50	\$2.06
K11725	85	3/8"	11 1/2"	4.00	2.35
K11726	115	7/16"	13 1/2"	5.00	2.94

A large Radio manufacturing company formerly experienced much trouble with their electric soldering irons. So they put their highly trained Engineering Department on the job of building a long lasting trouble free solder iron. Here it is! One of the finest ever made! And what a value! Bound to give long satisfactory service. (Absolute Guarantee on Heating Element for a Full Year of Use!)

Heats quickly, holds heat a long time. 5/8" solid copper alloy tip. Fine quality 6 foot heater cord. Unbreakable rubber attaching plug. Polished nickel barrel. Black rubberized handle. First quality in every point! For 105-120 volt current A.C. or D.C.

### Repair Parts for Special Soldering Iron Replacement Heating Elements

Stock Number	For Iron Size	List Price	Your Price
K11727	60 Watts	\$1.50	\$0.89
K11728	85 Watts	1.75	1.05
K11729	115 Watts	1.20	1.20

### Replacement Soldering Tips

Fit ICA, American Beauty, Etc.

Stock Num.	For Iron Size	Tip Diam.	List Price	Your Price
K11730	60 Watts	5/16"	35c	21c
K11731	85 Watts	3/8"	40c	24c
K11732	115 Watts	7/16"	50c	29c

## "ESICO" Constant Duty Industrial Soldering Irons



Used in the United States Navy and practically all the large radio and electrical factories throughout the country. Beautiful craftsman's tools. Perfect fitting hard drawn tinned copper tips, replaceable. One year guarantee. Grade A nickel chrome resistance wire wound on lava insulators encased in blue steel one-piece case. Long life. Quick heat. Maintains a constant even temperature. 6 foot heavy duty cord with anti-kink rubber cable shield. Handle never gets hot. For use on 105-125 volt current.

Stock Number	Watts	Tip Diam.	Length Overall	List Price	Your Price
K11706	65	5/16"	10 1/2"	\$5.00	\$2.94
K11707	100	3/8"	12 1/4"	8.50	3.24
K11708	200	1/2"	14 1/2"	8.75	5.15
K11709	310	3/4"	14 1/2"	10.25	6.03

## "Esico" General Purpose Electric Soldering Irons



One piece blued steel cases. Rich dark mahogany handles. Replaceable forged copper tips. Grade "A" nickel chrome elements wound on highest quality mica insulation.

Extraordinary high quality tools. One piece blued steel cases. Rich dark mahogany handles. Replaceable forged copper tips. Grade "A" nickel chrome elements wound on highest quality mica insulation. Underwriters approved 5 ft. cords with unbreakable rubber plugs. For 105-120 volts A.C. or D.C. operation. Guaranteed for one year.

**K11710**—Esico Nick Neck. 55 watts. 5/16" tip. Length 11 3/4".  
YOUR PRICE ..... **65c**

**K11711**—Esico Midget. 65 watts. 3/8" tip. Length 11 3/4".  
YOUR PRICE ..... **\$1.03**

**K11712**—Esico Junior. 100 watts. 1/2" tip. Length 12 3/4".  
YOUR PRICE ..... **\$1.62**

### Repair Parts for Esico Electric Soldering Irons

Extra Tips		Heating Elements		
Stock Number	Price Each	For Iron	Stock Number	Price Each
K11714	14c	Nick Neck	K11718	\$0.33
K11715	20c	Midget	K11719	.83
K11716	20c	Junior	K11720	.90
K11717	30c	Trophy	K11721	1.61

### Special Tips

For "Esico" Midget and Junior Irons

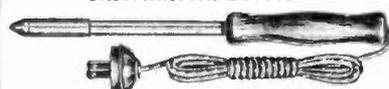


3/8" Dia. Curved Flts either Midget or Junior. **K11722**—Your Price **20c**

5/8" Dia. Flts either Midget or Junior. **K11723**—Your Price **20c**

## Soldering Iron Bargain

1000 Hour Guarantee on Intermittent Service



**K11737**—For 105-125 volt current.  
YOUR PRICE ..... **29c**

An amazingly low priced electric iron for all light soldering. Ideal for use where only occasional soldering is done. Iron, tip, cord and plug combined weigh less than 3 1/2 oz. 3/8" tip. 3 ft. cord and plug.

## Quality at Low Price

The "Buy" in Soldering Irons



**K11735**—Complete with two tips.  
LIST \$1.50.  
YOUR PRICE ..... **59c**

No where else on the market will you find the equal of this iron at so low a price. All the quality features of high priced irons: Two solid, drilled, screw-on tips, 1 1/2" long x 3/8" diameter and 1 1/4" long x 3/8" wire wound element molded in porcelain projects 5/8" into tip. Insuring maximum heat; 7" polished nickel tube anchored firmly in cool, handy-grip wood handle; 5 ft. heavy 5/8" heater cord protected from breaking at handle by durable coil spring; cord fitted with heavy, unbreakable molded rubber plug. Current consumption 60 watts. Heats up fast and stays hot. Will give long, satisfactory service. Length overall, 11". Weight 9 oz.

### 100 Watt "Approved" Iron



**K11736**—List Price, \$2.00.  
YOUR PRICE ..... **97c**

A sturdily built, large size iron. Solid heavy duty 3/8" screw-on tip. 2 1/2" long. Element molded in porcelain projects 5/8" into tip insuring maximum heat. Heats fast and stays hot. 6" polished nickel tube anchored firmly in cool handy grip wood handle. 5 ft. heavy 5/8" heater cord protected from breaks at handle by durable coil spring. Unbreakable plug. Approved by Underwriter's Laboratories. Length overall 13". Weight 12 oz.

## Kester Quality Solder

### Kester Rosin Core Solder



Requires no flux as rosin has been moulded into the core of solder wire. Best for fine radio connections and electrical work. Makes strong, low resistance joint.



**K5755**—Per can. (3 to 4 ounces). List, 25c.  
YOUR PRICE ..... **15c**

**K5756**—1 lb. Coll. YOUR PRICE ..... **56c**

**K5757**—5 lb. Coll. YOUR PRICE ..... **\$2.65**

### Kester Acid Core Solder

**K5758**—Per can (3 to 4 ounces).  
YOUR PRICE ..... **15c**

**K5759**—1 lb. Coll. YOUR PRICE ..... **56c**

### Kester Aluminum Solder Flux Filled

Virgin metals properly alloyed. Hollow wire form with flux sealed within solder. Provides the fastest and most satisfactory method of soldering aluminum in any form. In cans included cleaning materials and instructions.



**K5760**—Per can, List Price, 25c.  
YOUR PRICE, Each..... **17c**  
Ten for..... **\$1.50**

### Wire Solder

**K5761**—1 lb. YOUR PRICE .... **59c**

A composition of tin and lead in proportions satisfactory for all Radio and Electrical soldering. Diameter about 1/8 inch.

### Solder Paste

**K5768**—2 oz. Can. YOUR PRICE ..... **10c**  
Ten for 85c

A non-corrosive soldering flux. Makes a secure mechanical and perfect electrical connection.

### Sal-Ammoniac Cake

For Cleaning Solder Iron Tips



Speedily cleans and brightens the soldering copper, causing solder to flow smoothly. Insures good solid joints with minimum of resistance. Will last many months in continuous service. Most convenient to use.  
**K5769**—Per 1/2 lb. Cake .... **29c**

### Quality Rosin Core Solder

**K5765**—3 oz. can. YOUR PRICE ..... **12c**

**K5766**—1 lb. spool. YOUR PRICE ..... **47c**

**K5767**—5 lb. spool. YOUR PRICE ..... **\$2.23**

An excellent solder for all electrical and radio work. Pure rosin flux prevents corrosion and permits delicate work without harm to operative parts. Quick positive action. Superior to any competitive brand of solder sold at these low prices.

### Electric Soldering Pencil

A small handy soldering tool for quick light work. For use by radio servicemen, jewelers, dentists and for household repairs. Heats quickly and is easy to handle. Black insulated handle, cork grip and finger guard. 6 ft. approved cord and non-breakable rubber attaching plug.



**K11738**—110 Volt A.C. or D.C.  
**K11739**—6 Volt D.C. (Stor. Bat.)  
YOUR PRICE, EACH ..... **72c**

### Soldering Iron Holder and Stand



**K11733**—YOUR PRICE, EACH ..... **73c**

A practical stand and carrying case for hot iron. When job is done simply insert hot iron into the holder, drop the complete outfit into your bag and be on your way. Saves time.

### Stranded Phosphor Bronze Dial Cable



- K4240**—25 foot spool..... **74¢**  
**K4241**—50 foot spool..... **\$1.39**  
**K4242**—100 foot spool..... **\$2.60**  
 Right size, flexibility, and strength for any make drum dial. Six individual cables each consisting of seven fine strands of phosphor bronze wire are scientifically braided together, and around a strong center fibre cord making a cable 3/8" diameter. Best quality cable made.
- Braided Bronze Dial Cable**  
 Sixteen number 36 bronze wires braided over strong linen thread center. Of better quality than cable usually offered at a low price.
- K4243**—25 foot coil ..... **22¢**  
**K4244**—50 foot coil ..... **36¢**  
**K4245**—100 foot spool ..... **60¢**

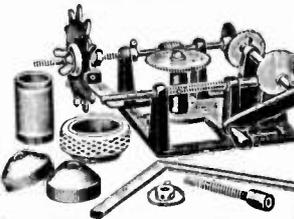
### Linen Dial Cable

Made of finest Linen. Tightly braided. Tensile strength 150 lbs. Used on the R.C.A. and Majestic No. 5 sets, Ford V-8 and G.E. Model B-40 Auto Radio and other Receivers. Diam. Approx. 3/8".



- Light Linen Cable**  
**K4246**—25 foot spool..... **77¢**  
 YOUR PRICE .....  
**K4247**—100 foot spool..... **\$2.65**  
 YOUR PRICE .....  
**Heavy Linen Cable**  
 Tensile strength 200 lbs. Used on Philco and Brunswick receivers and many other sets. Diam. Approx. 3/8".  
**K4248**—25 foot spool..... **88¢**  
 YOUR PRICE .....  
**K4249**—100 foot spool..... **\$2.90**  
 YOUR PRICE .....

### Universal Coil Winder



**K11691**—YOUR PRICE ..... **\$4.35**  
 For winding Honey Comb, Spider Web and Solenoid Coils of different widths and diameters. Will use wire of different gauges. Accurate coils can be made. Equipped with necessary accessories for winding various types of coils. Has a recorder with adjustable pointer for counting number of turns.

### Wire Stripper

**K11690**—YOUR PRICE ..... **9¢**  
 Strips insulation from radio wires easily and cleanly. Saves time. Cutting edge of tempered steel that will retain its hardness and last for years.

### Stick Tape Aerial

For Interior and Auto Use.  
**K4833**—List, \$1.00.  
 YOUR PRICE ..... **36¢**  
 10 for **\$3.20**  
 Sticks on any surface. Metallic alloy of great capacity adhesive rubber coating on back. Clip terminal. Easily installed. 40 feet to the roll.



### Drive Cables, Bands, Belts

For Standard Receiver Dials  
 Prices are for Belts, Cables or Cords complete as required on original equipment used with sets specified. The size, materials and make-up exactly duplicate the original equipment. Can be substituted without alterations.

Make of Set	Stock No.	Price
<b>ATWATER KENT</b>		
39 (Belts: Set)	K4151	15¢
35, 37 of 2 Left	K4152	11¢
10, 46 and	K4153	15¢
52, 53, 55 (right)	K4154	15¢
42, 44 (Belts: Set)	K4155	24¢
42, 44 of 3 Left	K4156	24¢
60, 61 and Right)	K4157	24¢
<b>BALKEIT</b>		
All No's-Drive Cable	K4158	24¢
<b>BOSCH</b>		
28, 29, 825-Drum Cable	K4159	15¢
28, 29, 825-Cable w/ spring	K4160	24¢
48A-Drive Cable	K4161	15¢
58A-Drive Cable	K4162	15¢
260, 312, 250-Cords and Lugs	K4164	21¢
405-Cords and Lugs	K4165	18¢
<b>BREMER-TULLY</b>		
14, 21, 31-Cords & Lugs	K4166	15¢
<b>BRUNSWICK</b>		
8-14, 21, 31-Cords and Lugs	K4167	15¢
15, 25-Wide Belt-Front	K4168	24¢
15, 22-Wide Belt-Rear	K4169	24¢
<b>CROSLY</b>		
408, 608, 804-Drive Cable	K4170	18¢
120 series-Drive Cable	K4171	18¢
601, 602, 607-Belt-Spring	K4172	21¢
<b>EMERSON</b>		
All No's-Drive Cable	K4173	24¢
<b>EVERCADDY</b>		
50-Drive Cable	K4174	15¢
<b>FRED EISEMANN</b>		
NR60-Belt	K4175	18¢
<b>FRESHMAN</b>		
N-12 Heavy Cable	K4176	24¢
<b>GENERAL ELECTRIC</b>		
B40-C41-Auto Drive Cord	K4177	15¢
<b>GENERAL MOTORS</b>		
"A"-120-Drive Cable	K4178	24¢
Long		
<b>KELLOGG</b>		
All No's-Set of 2 and springs	K4179	30¢
<b>KOLSTER</b>		
6J, 6K-(cord w/beads	K4180	24¢
K20, K45-(on erd)	K4181	24¢
43, 44-Extra Heavy Cable	K4182	30¢
<b>MAJESTIC</b>		
70, 71, 72-Exactly duplicates original (42 strands)	K4183	12¢
70, 71, 72-(18 strands)	K4184	09¢
180	K4185	15¢
15B Lazyboy-Special Belt	K4186	24¢
52, 60-Linen Cord	K4187	15¢
<b>PHILCO</b>		
15-Linen Cord	K4188	15¢
16 (Code 125). Linen Cord	K4189	15¢
16 (Code 126). Linen Cord		
18, 44-Linen Cord	K4190	15¢
65, 76 (Set of	K4191	36¢
86, 87, 2	K4193	36¢
95, 551 Heavy Cables)	K4194	36¢
71, 91, 96 (Linen	K4195	15¢
111, 112, 112A Cord)	K4196	15¢
144-Linen Drive Cord	K4197	15¢
<b>R.C.A. VICTOR</b>		
16, 17, 18-Drive Cable	K4200	18¢
33-Linen Cord	K4201	15¢
42, 48-Linen Cord	K4202	21¢
44, 46, 47-Drive Cable	K4203	18¢
80, 82, 86-Linen Cord	K4204	24¢
64, 67-Heavy w/connector	K4205	60¢
R14, R15, R17-Linen Cord	K4206	21¢
M34, M105-Drive Cord	K4207	15¢
<b>SPARTON</b>		
All No's-Drive Cable	K4208	18¢
<b>STEINITE</b>		
All No's-Drive Cable	K4209	18¢
All No's-Belts: Set of 2	K4210	18¢
<b>TEMPLE</b>		
All No's-Set-2-w/ springs	K4211	30¢
<b>ZENITH</b>		
17-Long Belt	K4212	30¢

### Twisted Pair Lead-in

**RUBBER COVERED**  
**Over Each Conductor**  
 Each conductor is of No. 18 (16x30) stranded tinned copper wire with a 3/8" rubber wall. No outer braid.  
**K4588**—50 Ft. Roll. **45¢**  
 YOUR PRICE .....  
**K4589**—100 Ft. Roll. **88¢**  
 YOUR PRICE .....  
**K4590**—250 Ft. Roll. **\$2.10**  
 YOUR PRICE .....

**RUBBER COVERED**  
**With Cotton Braid Overall**  
 Each conductor is of No. 20 (10x30) stranded tinned copper wire, lateral paper wrapped, 3/8" rubber covered, twisted together and a heavy weather-proof impregnated cotton braid overall.  
**K4591**—50 Ft. Roll. **50¢**  
 YOUR PRICE .....  
**K4592**—100 Ft. Roll. **95¢**  
 YOUR PRICE .....  
**K4593**—250 Ft. Roll. **\$3.35**  
 YOUR PRICE .....

**SHIELDED SOLID ENAMELED**  
**Cotton Braid Over Conductors**  
 Each conductor is of No. 19 solid enameled copper wire, cotton served and covered with an impregnated cotton colored braid. Conductors are twisted together and a bare copper shield is tightly woven overall.  
**K4594**—50 Ft. Roll. **85¢**  
 YOUR PRICE .....  
**K4595**—100 Ft. Roll. **\$1.62**  
 YOUR PRICE .....  
**K4596**—250 Ft. Roll. **\$3.82**  
 YOUR PRICE .....

**Single Conductor Lead-in Wire**  
 Copper wire, rubber insulated. Used for lead-in and ground wire. Also makes good aerial wire. Gauge No. 18.  
**Solid Conductor—Rubber Covered**  
 With outer weatherproof braid.

Stock Number	Coil Feet	Per Coil	Ten Coils for
K4605	25	\$0.11	\$1.05
K4606	50	.21	2.05
K4607	100	.41	4.00
K4608	1000	3.95	

**Stranded Conductor Rubber Covered—No outer braid.**  
 With outer weatherproof braid.

Stock Number	Coil Feet	Per Coil	Ten Coils for
K4609	25	\$0.10	\$0.97
K4610	50	.19	1.84
K4611	100	.37	3.65
K4612	1000	3.60	

**Belden Lead Wire**  
**For Test Prods**  
**Flexible and Kinkless**  
 Extra flexible No. 18 lead wire. Consists of 65 strands No. 36 tinned copper wire with wrap of cellophane and a 3/8" wall of durable rubber insulation overall. Will withstand highest voltages encountered in radio test work. Supplied only in Red or Black.  
**K4425**—14 foot spool. Consists of 7 ft. of red and 7 ft. of black wire.  
 YOUR PRICE ..... **24¢**  
**25 Foot Rolls**  
**K4426**—Red Your Price, each **34¢**  
**K4427**—Black Price, each **34¢**  
**100 Foot Rolls**  
**K4423**—Red Your Price, each **\$1.06**  
**K4424**—Black Price, ea. **\$1.06**

**Tinned "Bus" Wire**  
 No. 14. Cut into two-foot lengths.  
**K4910**—Round, 10 Lengths. (20 feet) ..... **12¢**  
 100 lengths (200 feet) ..... **\$1.05**

### Copper Aerial Wire



Hard-drawn high grade copper wire. Practically no stretch. Excellent for every aerial requirement. Guaranteed coil length and gauge as specified. Our prices are the lowest for wire of standard gauge, full length and highest quality.

**Stranded Bare Copper**

Stock Number	Size	Coil Feet	Per Coil	Ten Coils
K4700	7x26	50	9¢	\$0.80
K4701	7x24	50	14¢	1.32
K4702	7x22	50	16¢	1.55
K4703	7x26	75	13¢	1.20
K4704	7x24	75	17¢	1.60
K4705	7x22	75	22¢	2.09
K4706	7x26	100	17¢	1.60
K4707	7x24	100	21¢	2.00
K4708	7x22	100	29¢	2.75
K4709	7x26	250	41¢	3.90
K4710	7x24	250	56¢	5.32
K4711	7x22	250	71¢	6.65

**Stranded Enameled Copper**

Stock Number	Size	Coil Feet	Per Coil	Ten Coils
K4712	7x26	50	12¢	\$1.05
K4713	7x24	50	17¢	1.60
K4714	7x22	50	20¢	1.90
K4715	7x20	50	45¢	4.28
K4716	7x26	75	17¢	1.61
K4717	7x24	75	24¢	2.30
K4718	7x22	75	33¢	2.90
K4719	7x20	75	63¢	5.89
K4720	7x26	100	22¢	2.10
K4721	7x24	100	32¢	3.10
K4722	7x22	100	39¢	3.70
K4723	7x20	100	82¢	7.79
K4724	7x26	250	54¢	5.13
K4725	7x24	250	79¢	7.50
K4726	7x22	250	97¢	9.22
K4727	7x20	250	51.95	18.53

**Solid Enameled Copper**

Stock Number	Size	Coil Feet	Per Coil	Ten Coils
K4728	10	100	75¢	\$ 7.25
K4729	12	100	45¢	4.45
K4730	14	100	31¢	2.95
K4731	10	250	51.95	19.00
K4732	12	250	1.16	11.40
K4733	14	250	.74	7.26

**Shielded Lead-in and Ground Wire**

Size 18 stranded inner conductor. Rubber insulated with outer braided shield of tinned copper wire. When used as lead-in, by grounding the outer shield, the tendency to pick up man-made static in both aerial and receiver is practically eliminated.

- K4585**—50 foot coil. **45¢**  
 EACH  
**K4586**—100 foot coil. **88¢**  
 EACH  
**K4587**—250 foot coil. **\$2.15**  
 EACH

**Indoor Aerial Wire**  
 For A.C., D.C. Sets.  
**K4831**—60' coil. YOUR PRICE ..... **29¢**  
**K4832**—125' coil. YOUR PRICE ..... **50¢**  
 Extremely Flexible. A well insulated stranded conductor is covered with a brown cotton braid. Will not kink and can be easily concealed. Also suitable for loop aeriels.

# Doublet Arresters

For antennas of the doublet or double doublet type. These aeriels use 2 conductor lead-ins and require duplex lightning arresters. Two arresters are combined in a single unit and take the place of two separate lightning arresters, greatly simplifying installation. Double antenna and ground combined in one unit.



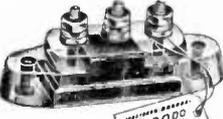
A dependable air gap arrester. Porcelain case 3 1/2" x 1 1/2" x 1" high.  
K4795—  
Each ..... 18¢  
TEN FOR ..... \$1.60

## I. C. A. Doublet Arrester



Absolutely weatherproof and non-grounding. Can be installed indoors or outdoors. Made of black enameled porcelain. Supplied with mounting screws. Special quality carbon resistance used.  
K4793—List, 50c.  
YOUR PRICE ..... 25¢

## Duplex Vis-O-Glow Neon Lightning Arrester



A \$100.00 insurance policy against lightning, for your radio set, goes with this arrester. Utilizes the same principle of protection that is standard in railway signaling, police and fire alarm and other important low voltage circuits. This arrester by its Neon glow shows the approach of a storm. Arrester electrodes are suspended in a neon gas tube. No resistance element is used. It is more sensitive than any other radio arrester and also will carry the heaviest discharge. Causes no loss of signal strength. Particularly desirable for Short-Wave and All-Wave receivers. You can see it operate.  
K4790—List, \$1.40.  
YOUR PRICE ..... 82¢

## Antenna Lead-in Window Strips

Duo Impregnated wet covered conductors. Waterproof insulation.  
K4781—12 inches long.  
EACH ..... 4¢  
Ten for... 39c; 100 for... \$2.95

## Duplex Lead-In Strip

For antennas of the doublet or double doublet type. Highest grade weatherproof braid insulation. Heavy copper core. 12" long. Mounting screw holes. Screw or spring clip terminals.  
K4782—  
YOUR PRICE ..... 8¢  
TEN FOR ..... 75c

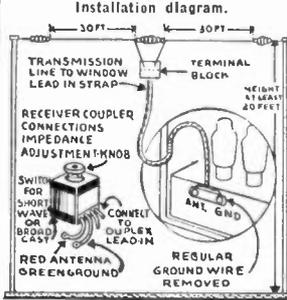
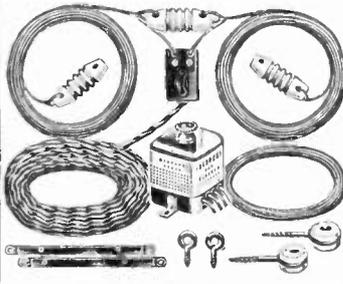
## Antenna Spring Tightener

Takes up slack in Aerial.  
K4779—Spring only.  
EACH ..... 7¢

## Spring Aerial Adjuster

Automatically keeps antenna tight and straight. Prevents swaying. Particularly desirable on doublet type of aerial installations. Ends equipped with porcelain insulators. Length, 9 1/2" overall.  
K4780—List, 50c.  
YOUR PRICE, EACH ..... 29¢  
TEN FOR ..... \$2.65

# Triumph "Foreign Scout" Doublet Antenna



## Triumph Double Doublet Antenna System

Completely Assembled and Soldered Ready to Hang

K4952—Complete as illustrated with receiver coupling transformer. For use on sets with doublet aerial connections. (Receivers having 1 Ant. and 2 Gnd. connections.)  
List Price, \$7.50.  
YOUR PRICE .. \$2.75

K4953—Complete except without receiver coupling transformer. For use on sets with doublet aerial connections. (Receivers having 1 Ant. and 2 Gnd. connections.)  
List Price, \$6.00.  
YOUR PRICE .... \$1.95

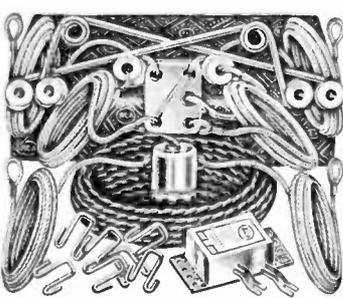
## Peaked for Foreign Broadcasts Reduces Interference Noise

For use with receivers designed to receive World Wide broadcasts. Consists of two separate dual types of aerials—two 30 ft. long and two 15 ft. long—connected to a duplex transmission lead-in which is coupled to the receiver through a set coupling transformer. Only one max required.

**Kit Includes:**  
Antenna assembly consists of 2-15' legs and 2-30' legs constructed of #15 solid enameled copper wire; 1 extra 50' roll supplied for connections to supports; 1-75' length of two conductor #18 stranded tinned copper wire, rubber insulated, with weatherproof braid overall; 6-porcelain Strain Insulators all attached; 4-Porcelain eye 3" Insulators; 4-Screw Eyes; 2-Support Clamps attached; bakelite terminal block attached; duplex Lead-in strip.

## R. C. A. Spider Web Antenna

A scientific noise-reducing antenna system, giving increased signal strength for all receivers. Full frequency coverage is supplied by regular kit from 140 to 23,000 kc. By adding high frequency doublets, range is increased to 70,000 kc.



## Antenna Completely Assembled and Soldered Ready to Hang

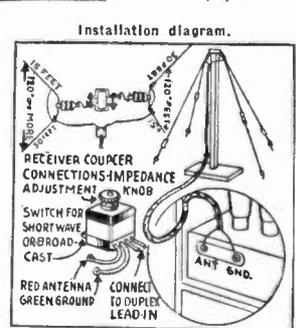
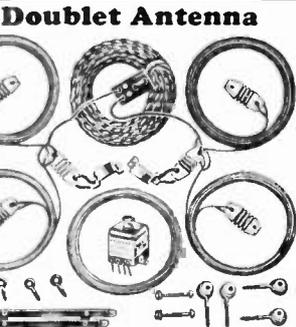
K4950—Complete with receiver coupling transformer.  
List Price, \$6.00. **\$2.25**  
YOUR PRICE .....

K4951—Complete except without receiver coupling transformer. For use on sets with doublet aerial connections (1-Ant. and 2 Gnd's).  
List Price, \$4.25. **\$1.45**  
YOUR PRICE .....

## For reception of Short-wave or Standard Broadcast on All-Wave or Dual-Wave Receivers

Two 30' aerials connected to duplex lead-in are coupled to receiver through shielded set transformer. Capacity adjustment on set coupler matches antenna to impedance of set—a switch to adjust antenna for reception of short-wave or broadcast.

**Kit Includes:**  
2-30' lengths of #15 solid enameled copper wire with porcelain insulators attached; 1-75' length of two conductor #18 stranded tinned copper wire, rubber insulated, with weatherproof braid overall. Lead-in attached to bakelite Terminal Block; 2-Porcelain eye 3" Insulators; 2-Screw Eyes; Lead-in Strip; 1-12 1/2" length of wire for attaching aerial to supports.



# Arresters

For antennas with only a single conductor lead-in. Use the arresters listed on the left side of this page for the new doublet type of antenna.



A dependabale air gap type arrester. Porcelain case. Shipp. wt., 10 oz.  
K4796—Each ..... 7¢  
TEN FOR ..... 58c  
100 FOR ..... \$5.22

## Belden Bakelite Lightning Arrester



Moulded bakelite body. Suitable for use inside or out of doors. Sturdy. Reliable. Underwriters standard. Purchased with \$100.00 lightning damage guarantee.  
K4798—List, 25c.  
YOUR PRICE ..... 15¢  
TEN FOR ..... \$1.45

## Brach Storm King Arrester



Made of genuine bakelite. The original non-air gap type of arrester. Over six million now in use. Tested to meet the requirements of the National Board of Underwriters. Shipp. Wt., 1 pound. Mounting screws supplied.  
K4791—List, 50c.  
YOUR PRICE ..... 28¢

## Brach Duplex Storm King Arrester

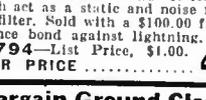
K4792—List, 90c.  
YOUR PRICE ..... 53¢

## Glass Arresters



Base of clear crystal glass. Carbon element held between brass conductors. Clearly visible. \$100.00 insurance with this Arrester.  
K4797—List, \$1.00.  
EACH ..... 47¢

## ELECTRO-STATIC Lightning Arrester



Has choke coil and condenser connected between aerial and set terminals which act as a static and noise reducer and filter. Sold with a \$100.00 free insurance bond against lightning.  
K4794—List Price, \$1.00.  
YOUR PRICE ..... 43¢

## Bargain Ground Clamp



Vise grip. Rustproof hardened steel frame. Has separate screw for attaching wire. A quality ground clamp at an unusually low price. Fits pipe up to 1 1/2" diameter. Sold only in lots of 10 or more.  
K4777—  
10 FOR ..... 19¢  
100 FOR ..... \$1.79

## Channel Ground Clamp



Reinforced frame. Teeth cut through rust and d. paint. Separate screw. 2" x 1/2" attaching wire. Fits pipe up to 1 1/2 inches diameter.  
K4778—  
EACH ..... 6¢  
Ten for ..... 48c  
Per Hundred, \$4.50

# AERIAL WIRE AND EQUIPMENT

## Insulators

### Wall Insulator



For supporting wiring or instruments, or may be used outside for supporting lead-in or ground wires. Glazed brown porcelain. Nuts and washers as shown. Dimensions: 2 1/2 x 2 1/2 inches. Shpg. wt. 8 oz.

**K4750—7¢**  
 Ten for ..... 65¢

### Aerial Insulators



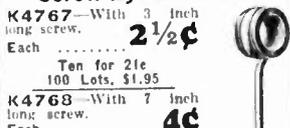
Glazed porcelain, deeply corrugated to prevent leakage. Holes at each end for attaching wires. Shpg. wt. 1/2 lb.

**K4751—2 1/2 inches long.**  
 Ten for ..... 18¢

**K4752—4 inches long.**  
 Each ..... 5¢  
 Ten for ..... 46¢

**K4753—5 inches long.**  
 Each ..... 8¢

### Screw Eye Insulator



**K4767—With 3/8 inch long screw.**  
 Each ..... 2 1/2¢  
 Ten for 21¢  
 100 Lots, \$1.95

**K4768—With 7/8 inch long screw.**  
 Each ..... 4¢  
 Ten for 35¢  
 100 Lots, \$2.75

For attaching lead-in or ground wire to posts or side of building. Center of porcelain, mounted in galvanized screw eye. Shpg. wt. 4 oz.

### Nail Knobs



Glazed, white porcelain insulators. Separable cup with base. Assembled together with nail having leather washer under head. Ready to use. Grooves for two wires. For lead-in or ground wires. Diameter 1 1/8 in. Height, 1 1/2 in.

**K4766—17¢**  
 Ten for .....  
 Per Hundred ..... \$1.55

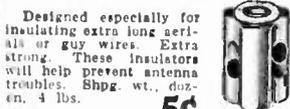
### Stand-off Porcelain Insulators



Made of porcelain. 4 inch lengths only. For finest antenna installations. Shpg. wt. 6 oz.

**K4754—4 inch.**  
 Your Price ..... 7¢  
 Ten for ..... 65¢

### Porcelain Strain Insulator



Designed especially for insulating extra long aerials or guy wires. Extra strong. These insulators will help prevent antenna troubles. Shpg. wt., dozen, 3 lbs.

**K4755—Each 5¢**  
 Ten for ..... 45¢

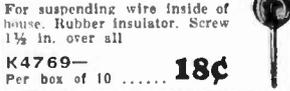
### Glass Insulators



Special tempered glass unaffected by heat or cold or other atmospheric conditions. Finest quality. Approximately 3/4 in. long.

**K4770—Ten for ..... 29¢**  
 Per Hundred ..... \$2.65

### Baby Insulator



For suspending wire inside of house. Rubber insulator. Screw 1 1/2 in. over all

**K4769—18¢**  
 Per box of 10 .....

## Noise Reducing Transmission Lines

For All Aerials Using Two Conductor Lead In



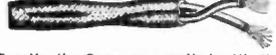
Exactly the Same as supplied with the Philco and Tobe All-Wave antenna systems and the Radolek Dual Antenna All-Wave System.

Consists of two conductors of size 22 stranded tinned copper wires. Each conductor is cotton served and rubber covered (one red and one black). Conductors are twisted together and covered overall with a weatherproof impregnated cotton braid. "A" overall diameter. A high quality cable suitable for use with any doublet, doublet or any type of aerial requiring a two conductor lead-in.

**K4620—50 foot roll. 44¢**  
 YOUR PRICE .....

**K4621—100 foot roll. 80¢**  
 YOUR PRICE .....

**K4622—500 foot roll. \$3.45**  
 YOUR PRICE .....



Exactly the Same as supplied with the R.C.A. "World-Wide" Double Doublet, the new R.C.A. R.K. 40 and Radolek Double Doublet All-Wave antenna systems.

Consists of 2 conductors of size 20 stranded tinned copper wires, rubber insulated (one red and one black), covered overall with a weatherproof cotton braid. If additional lengths are required for installation of the R.C.A. or Radolek Double Doublet aerials a second 80' length should be purchased and taped to the first 80' length supplied with these kits. Above 1500' transmission line may be cut to exact length required. Satisfactory for use with any aerial requiring a noise reducing two conductor transmission line.

**K4623—List Price, \$3.48.**  
**YOUR PRICE, 79¢**  
 (80 foot roll) .....

**K4624—500 feet. \$4.75**  
 YOUR PRICE .....

## Aerial Kits—Priced Right

### STANDARD KIT CONTAINS:

50 ft. No. 7/26 stranded aerial wire; 25 ft. rubber covered lead-in wire; 1 approved lightning arrester; 2 porcelain insulators; 1 ground clamp; 1 window lead-in; 2 porcelain nail knobs.

**K4945—YOUR PRICE ..... 37¢**



### SPECIAL KIT CONTAINS:

75 ft. No. 7/26 stranded aerial wire; 50 ft. rubber covered lead-in wire; 25 ft. ground wire; 1 standard approved lightning arrester; 2 porcelain insulators; 3 porcelain nail knobs; 2 galvanized screw eyes; 1 window lead-in strip; 1 ground clamp; 1 instruction sheet.

**K4946—YOUR PRICE ..... 63¢**

### Adjustable Tubular Steel Masts

Strong telescoping masts made of high carbon steel tubing. Baked green enamel finish. Base adjustable to fit any roof angle. Simply nail or screw base to roof and bend upright. Masts are fitted with guy wire discs at top and guy rings at intermediate sections. A clamping device locks sections at any height. Length collapsed 50 inches.

**K15880—Two Section. Extends 7 feet. Shpg. Wt. 5 lbs. List, \$1.75.**  
**YOUR PRICE \$1.17**

**K15881—Three Section. Extends 10 feet. Wt. 7 lbs. List, \$2.75.**  
**YOUR PRICE \$1.83**

**K15882—Four Section. Extends 13 feet. Wt. 10 lbs. List, \$3.75.**  
**YOUR PRICE \$2.50**

### Adjustable Guy Anchor



**K4775—Each, 10¢**  
 Ten for 80¢

### Solid Rod 4 Foot Mast



Made of rust-proofed, solid steel. 3/4" rod. Base fits flat or sloping roof. May be attached to side walls or ends of building. Fitted with a large, double groove, porcelain insulator for positive separation of aerial and guy wires. Shpg. wt. 3 1/2 lbs. Supplied without aerial or guy wire.

**K15883—YOUR PRICE ..... 39¢**

### Ground Rods Copper Plated



Made of hard drawn steel wire. Pointed for easy driving.

Heavily copper plated for rust prevention and insures positive electrical grounding. Screw type clamp. 3/4" Dia.

**K15884—4 Foot Rod. YOUR PRICE, 28¢**  
 Ten for \$2.65

**K15885—6 Foot Rod. YOUR PRICE, 38¢**  
 EACH .....  
 Ten for \$3.70

## Taco Model 301 Master Antenna System

Noise Reducing, Self Selecting, All-Wave Aerial For Broadcast, Dual Wave and All-Wave Receivers

For multiple radio installations in apartment houses, hotels, clubs, hospitals and dealer demonstration rooms. Will serve up to 25 sets.

**K4954—Foundation Kit includes:**  
 1-Transfer coupler; 1-35' coil transmission line; 1-60' roll and 1-20' roll of 7/30 tinned copper wire; 2-7" Navy type insulators. Receiver Coupler not included.  
 List Price, \$6.00.  
**YOUR PRICE \$3.53**

**K4955—Receiver Coupler.** One required for each radio. 6" duplex lead. "Ant." and "Gnd." screw terminals.  
**YOUR PRICE \$1.47**



## Transposition Blocks



For bringing own transposition lead-in. Extremely durable. Made of a special moisture-proof glazed porcelain material. The greatest possible signal strength can be secured with these blocks.

**K4758—YOUR PRICE EA. 5¢**  
 10 for ..... 45¢

### Cage Aerial Spreaders



For use whenever a cage type of aerial is to be employed. Constructed of special moisture-proof glazed porcelain material. Electrical losses are reduced to a minimum.

**K4759—YOUR PRICE, EACH ..... 8¢**  
 10 for ..... 75¢

### Antenna Spreaders



Reduces electrical losses.

For parallel feeders or antenna spreaders. Size 3/4" wide x 1/4" thick.

**K4760—3/4" long unglazed.**  
**K4761—1/2" long unglazed.**  
**YOUR PRICE, EACH ..... 5¢**  
 10 for 45¢

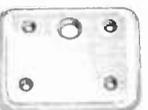
**K4762—3/4" long glazed.**  
**K4763—1/2" long glazed.**  
**YOUR PRICE, EACH ..... 12¢**  
 10 for \$1.10

### Airplane Insulator



**K4756—1 1/2" long, 3/4" diameter, 1/4" holes. Glazed overall. 2¢**  
 EACH .....  
 10 for 19¢

### Cross-Over Insulator



**K4757—YOUR PRICE, EACH 8¢**  
 Ten for 75¢

Size: 2 1/2 x 3/4 inches. For use with double-doublet antenna systems. Made of a high quality glazed porcelain. Will not absorb moisture.

### Antenna Crossover Insulator



**K4764—YOUR PRICE, EACH 29¢**  
 Ten for \$2.75

For use with double doublet aerials. Strong glazed porcelain. Size 6x10".

### Porcelain Wall Tubes



**K4765—6 inches long. 3¢**  
 YOUR PRICE, EACH .....  
 Ten for 25¢

For bringing lead-in into building. Eliminates any possibility of signal reduction due to cutting of wires or leakage. 3/4" hole.

### Galvanized Guy Wire For Supporting Aerial Masts



**K4917—50 foot coil. Your Price, 17¢**  
 Ten rolls for \$1.60

A special grade, tough, non-stretching galvanized wire. Annealed for handling.

### Universal Coupler



**K9789—List, \$1.00. YOUR PRICE ..... 29¢**

Matches any aerial using a two wire lead-in to any receiver input circuit impedance. Increases effectiveness of the aerial and decreases noise pickup of lead-in. Installed at receiver. With diagram.



**PUSH-BACK Hook-up Wire**  
Tinned copper wire, cotton covered and covered with a paraffined damp-proof braid. Simply push back braid when soldering. Then replace it.

Num. 20 Solid Copper Core		100 Ft. Rolls	
25 Ft. Rolls Stock Num.	Color	Stock Num.	Color
K4309	Red	K4318	Red
K4310	Yellow	K4319	Yellow
K4311	Blue	K4320	Blue
K4312	Green	K4321	Green
K4313	Black	K4322	Black
K4314	Brown	K4323	Brown
K4315	White	K4324	White
K4316	Gray	K4325	Gray
K4317	Maroon	K4326	Maroon

**YOUR PRICE PER ROLL .. 10¢** (9 Rolls, One Each Color) for 80¢

**YOUR PRICE PER ROLL .. 34¢** (9 Rolls, One Each Color) for \$2.95

**Stranded Copper Core Num. 20 (10 strands of #3 Wire)**

25 Ft. Rolls Stock Num.		100 Ft. Rolls Stock Num.	
Color	Color	Color	Color
K4327	Red	K4336	Red
K4328	Yellow	K4337	Yellow
K4329	Blue	K4338	Blue
K4330	Green	K4339	Green
K4331	Black	K4340	Black
K4332	Brown	K4341	Brown
K4333	White	K4342	White
K4334	Gray	K4343	Gray
K4335	Maroon	K4344	Maroon

**YOUR PRICE PER ROLL .. 12¢** (9 Rolls, One Each Color) for 94¢

**YOUR PRICE PER ROLL .. 42¢** (9 Rolls, One Each Color) for \$3.59

**Num. 18 Solid Copper Core**

25 Ft. Rolls Stock Num.		100 Ft. Rolls Stock Num.	
Color	Color	Color	Color
K4345	Red	K4354	Red
K4346	Yellow	K4355	Yellow
K4347	Blue	K4356	Blue
K4348	Green	K4357	Green
K4349	Black	K4358	Black
K4350	Brown	K4359	Brown
K4351	White	K4360	White
K4352	Gray	K4361	Gray
K4353	Maroon	K4362	Maroon

**YOUR PRICE PER ROLL .. 13¢** (9 Rolls, One Each Color) for \$1.08

**YOUR PRICE PER ROLL .. 47¢** (9 Rolls, One Each Color) for \$3.85

**Stranded Copper Core Num. 18 (16 strands of #30 Wire)**

25 Ft. Rolls Stock Num.		100 Ft. Rolls Stock Num.	
Color	Color	Color	Color
K4363	Red	K4372	Red
K4364	Yellow	K4373	Yellow
K4365	Blue	K4374	Blue
K4366	Green	K4375	Green
K4367	Black	K4376	Black
K4368	Brown	K4377	Brown
K4369	White	K4378	White
K4370	Gray	K4379	Gray
K4371	Maroon	K4380	Maroon

**YOUR PRICE PER ROLL .. 14¢** (9 Rolls, One Each Color) for \$1.15

**YOUR PRICE PER ROLL .. 49¢** (9 Rolls, One Each Color) for \$4.05

**"Spaghetti" Tubing**

30-inch lengths. The best quality spaghetti made. Made of high grade cambrie tubing impregnated with high insulation transparent varnish. Different colors can be used to mark different circuit. Don't be fooled by low price spaghetti with gelatin or cheap oil impregnation. We know of no other brand on the market to approach our stock spaghetti in quality and our price is positively the lowest for this grade of quality.

K4820	Black	K4825	Blue
K4821	Yellow	K4826	White
K4822	Brown	K4827	Gray
K4823	Green	K4828	Maroon

**YOUR PRICE 10 lengths for .. 59¢**

# BELDEN MAGNET WIRE

Finest quality. Uniform. Carefully inspected insulation. One continuous length only on each spool. Sizes are exact standard B & S gauge. Specifications conform to those given by leading manufacturers for radio apparatus, motor and generator windings, etc. Guaranteed. Quality considered, our prices represent the very best values obtainable.



**PLAIN ENAMELED**

Size	1/2 lb. Spool		2 lb. Spool	
	Stock No.	Your Price	Stock No.	Your Price
14	K4455	\$0.26	K4469	\$0.70
16	K4456	.26	K4470	.72
18	K4457	.26	K4471	.75
20	K4458	.26	K4472	.78
22	K4459	.26	K4473	.84
24	K4460	.26	K4474	.93
26	K4461	.29	K4475	1.06
28	K4462	.32	K4476	1.20
30	K4463	.36	K4477	1.35

Size	1/2 lb. Spool		1 lb. Spool	
	Stock No.	Your Price	Stock No.	Your Price
32	K4464	.25	K4478	.76
34	K4465	.30	K4479	.90
36	K4466	.37	K4480	1.16
38	K4467	.48	K4481	1.50
40	K4468	.70	K4482	1.80

**DOUBLE COTTON COVERED**

Size	1/2 lb. Spool		2 lb. Spool	
	Stock No.	Your Price	Stock No.	Your Price
14	K4483	\$0.29	K4495	\$0.82
16	K4484	.29	K4496	.84
18	K4485	.32	K4497	1.20
20	K4486	.34	K4498	1.35
22	K4487	.37	K4499	1.50
24	K4488	.44	K4500	1.65
26	K4489	.50	K4501	1.94
28	K4490	.62	K4502	2.35
30	K4491	.73	K4503	2.64

Size	1/2 lb. Spool		1 lb. Spool	
	Stock No.	Your Price	Stock No.	Your Price
32	K4492	.50	K4504	1.65
34	K4493	.62	K4505	2.06
36	K4494	.79	K4506	2.50

**DOUBLE SILK COVERED**

Size	1/2 lb. Spool		1 lb. Spool	
	Stock No.	Your Price	Stock No.	Your Price
18	K4506	\$0.25	K4518	\$0.45
20	K4507	.26	K4519	.47
22	K4508	.28	K4520	.55
24	K4509	.33	K4521	.62
26	K4510	.39	K4522	.72
28	K4511	.46	K4523	.81
30	K4512	.53	K4524	.97

Size	1/2 lb. Spool		1 lb. Spool	
	Stock No.	Your Price	Stock No.	Your Price
32	K4513	.70	K4525	2.17
34	K4514	.94	K4526	2.66
36	K4515	1.29	K4527	3.25
38	K4516	1.82	K4528	4.15
40	K4517	2.56	K4529	5.45

**High Voltage Push-Back Wire**

**Voltage Breakdown 4000 Volts**  
High quality heavily insulated hook-up wire. Unusually high voltage breakdown and insulation resistance. Moisture proof. Especially desirable where positive elimination of current leakage through the insulation is necessary. Construction: tinned copper wire, single cotton served, lacquer compound insulated, wax impregnated outer cotton braid. Insulation and braid slip back easily.

**Stranded Copper Core Num. 18 (16 strands of #30 Wire)**

Color	YOUR PRICE PER 100 ft. roll
K4385—Black.	76¢
K4386—Red.	76¢
K4387—Blue.	76¢
K4388—Green.	76¢
K4389—Yellow.	76¢
K4390—Brown.	76¢

**Stranded Copper Core Num. 20 (16 strands of #30 Wire)**

Color	YOUR PRICE PER 100 ft. roll
K4391—Black.	59¢
K4392—Red.	59¢
K4393—Blue.	59¢
K4394—Green.	59¢
K4395—Yellow.	59¢
K4396—Brown.	59¢

**Magnet Wire Table Showing Feet Per Pound**

Size	Enam- eled	D.C.C.	D.S.C.
12	49.88	49.09	
14	79.4	77.58	
16	126.1	122.1	125.6
18	200.8	190.8	199.2
20	319.0	297.6	314.5
22	507.6	469.5	500.
24	803.	719.	790.
26	1275.	1116.	1245.
28	2024.	1718.	1877.
30	3221.	2591.	3068.
32	5102.	3861.	4762.
34	8130.	5405.	7138.
36	12887.	8711.	10741.
38	20492.	13422.	16629.
40	34169.	10000.	22573.

**Belden Magnet Wire On 5 Pound Spools**

**Plain Enameled**

Size	Stock Number	Your Price 5 lb. Spool
16	K4525	\$1.76
17	K4526	1.80
18	K4527	1.93
20	K4528	1.95
22	K4529	2.17

**Single Cotton Enameled**

Size	Stock Number	Your Price 5 lb. Spool
16	K4530	2.07
17	K4531	2.16
18	K4532	2.25
20	K4533	2.25
22	K4534	2.52

**Double Cotton Covered**

Size	Stock Number	Your Price 5 lb. Spool
12	K4535	2.12
14	K4536	2.21
16	K4537	2.36
17	K4538	2.45
18	K4539	2.65
20	K4540	2.75

**Rubber Covered Hook-up Wire**

Stranded, tinned copper wire covered with 5/8" live rubber insulation to withstand any voltage ordinarily used in radio. Best for short leads and ease of wiring. Belden 25-foot coils in carton.

Color	YOUR PRICE Per Coil
K4428—Red.	18¢
K4429—Green.	18¢
K4430—Blue.	18¢
K4431—Black.	18¢
K4432—Yellow.	18¢
K4433—Brown.	18¢

**Insulating Cement K5729—** Per 2-oz. bottle..... 22¢

A transparent celluloid base cement for insulating and impregnating wires and coils. Makes spider web, honeycomb, etc., coils self-supporting. No capacity or absorption effects.

**Belden Antenna Wire**

**Stranded Enameled Copper Wire**

Stock No.	Size	Length Ft.	List Price	Your Price
K4650	7x20	100	\$ 1.65	\$0.94
K4651	7x20	1000	15.75	9.29
K4652	7x22	100	.75	.70
K4653	7x22	1000	7.50	3.85
K4654	7x22	150	1.30	.73
K4655	7x22	1000	8.20	4.79

**Belden All-Rubber Wire For Lead-In and Ground**

Insulated with special rubber compound which strips easily.

**Saturated Braided Tubing**

36-inch lengths. The correct size for all general purposes. Fits over sizes 14, 16 and 18 wire and can be used on size 12 wire with little stretching. Thoroughly saturated with a high quality wax impregnation.

K4830—Black.	29¢
10 lengths for .. 29¢	

**Solid Enameled Copper Wire**

Stock No.	Size	Length Ft.	List Price	Your Price
K4656	10	100	\$ 1.60	\$0.88
K4657	12	100	1.05	.62
K4658	12	1000	10.00	5.82
K4659	14	100	.70	.41
K4660	14	1000	6.40	3.47

**Stranded Tinned Copper Wire**

Stock No.	Size	Length Ft.	List Price	Your Price
K4661	7x22	100	\$ 0.75	\$0.44
K4662	7x22	1000	7.50	4.35

**Stranded Bare Copper Wire**

Stock No.	Size	Length Ft.	List Price	Your Price
K4663	7x20	1000	\$10.75	\$6.29
K4664	7x22	50	.35	.21
K4665	7x22	75	.50	.29
K4666	7x22	100	.65	.41
K4667	7x22	1000	6.50	3.91
K4668	7x24	50	.23	.15
K4669	7x24	75	.35	.21
K4670	7x24	100	.45	.26
K4671	7x24	1000	4.50	2.65

**Insulated with special rubber compound which strips easily.**

K4434—No. 8870, 50 ft. No. 14 seven strand. List, 85¢.	<b>50¢</b>
K4435—No. 8851, 250 ft. No. 14 seven strand. List, \$4.10.	<b>\$2.41</b>
K4436—No. 8852, 50 ft. No. 16 seven strand. List, 50¢.	<b>29¢</b>
K4437—No. 817, 100 ft. No. 16 seven strand. List, 90¢.	<b>53¢</b>
K4438—No. 8853, 250 ft. No. 16 seven strand. List, \$2.15.	<b>\$1.26</b>
K4439—No. 816, 500 ft. No. 16 seven strand. List, \$4.05.	<b>\$2.38</b>
K4440—No. 819, 100 ft. No. 18 seven strand. List, 75¢.	<b>44¢</b>
K4441—No. 818, 500 ft. No. 18 seven strand. List, \$3.35.	<b>\$1.97</b>
K4442—No. 809, 100 ft. No. 18 solid. List, 70¢.	<b>41¢</b>

**Giant Spaghetti For Insulating Resistors, etc.**

**K4829—** Ea. Lgth. **18¢**

Ten lengths for \$1.60

Cambrie tubing. To insulate resistors, 1,000 volt insulation. Withstands 350° F. 3/8" diameter, 3 ft. lengths.

# 5 TUBES ★ Radolek ★ 2 BANDS

## MORE FEATURES . . . GREATER VALUE

### Quality and Tone Plus Foreign Reception

*New 1937 Streamlined Cabinets*

★ **Newest 5 tube AC-DC Superheterodyne circuit**, incorporating all newest improvements. Operates on either AC or DC 110 volt current. Superior engineering, **new type tubes** gives 7 tube efficiency. ★ **Great Sensitivity**—Receives distant stations with great volume. ★ **Precise Selectivity**—10 Kc. separation of stations. No overlapping. ★ **Faultless Reproduction**—Pure sweet perfect tones preserved and amplified by a 5½" Super Dynamic Speaker capable of handling the volume. ★ **Automatic Volume Control**—Prevents fading of distant stations. Brings all stations in at the same volume, permitting tuning without "blasting". ★ **Tunes 2 Bands**—15 to 55 meters, for amateurs and low wave foreign stations; 170 to 555 meters, for American, Canadian, Mexican standard broadcast. ★ **Variable Personal Tone Control**. Permits adjusting the tonal response to the acoustics of any size room. Allows accentuation for bass notes. ★ **New 3 Color Illuminated Dial**.

#### Rugged Chassis

Strong, rigid, durable fully shielded chassis constructed of **highest quality parts**. All condensers, transformer, and resistors are designed to withstand heavy overloads. New High-Gain special pie wound litz I.F. coils. Full floating, rubber-mounted 2 gang condenser. Chassis size: 9" x 5" x 6½".

#### Chassis Price

K16728—Chassis complete with 5 RCA Tubes, Dynamic 5½" Speaker, Knobs and Escutcheon. For 110 volt A.C. or D.C. List Price, \$22.95.

**YOUR PRICE..... \$1350**

#### New Oval Console

A beautiful cabinet is a great aid in making sales. And this truly new console will sell these radios for you if they are placed prominently on your floor where your customers can see them. Its new unusual OVAL lines will sell many radios for you. Solidly built by skilled craftsmen. Perfect acoustic design with large baffle area add to the fullness and richness of the tone. These modern cabinets will always be as new as tomorrow for many years to come. Size: 32½" tall, 18" wide, 8½" deep.

#### Console Price

K16726—Console as described above, complete with 5 RCA Tubes. For 110 volt, A.C. or D.C.

List Price, \$34.95.

**YOUR PRICE.....**

**\$20<sup>50</sup>**



## These Radios Command Attention Boost Sales and Increase Profits

#### Superhet Circuit

The New Advanced Superhet Circuit coupled with a 2 Gang Rubber-Mounted Tuning Condenser, High Gain Litz-Wound I.F. Coils, Super-Sensitivity and Selectivity on both Broadcast and Short Wave. A husky full size Dynamic Speaker operating in a Natural Fidelity Audio Circuit gives sweet and natural tone over the entire audio frequency range. Improved Automatic Volume Control enables you to retain constant volume. Minimizes fading on even the most distant stations. Tubes are: 1-6A7, 1-75, 1-43, and two new metal tubes, types 2525 and 6K7. Two dual purpose tubes.

#### Oval Table Model

Beautifully selected thick substantial Walnut veneer, finely grained and expertly matched. Quality, beauty and modern style. For your customer who desires the latest in table or mantel radio receiver. The ideal radio to "loan" to your customer while an antiquated radio is being taken to your shop for repairs. This radio placed in your customer's home under those conditions will never come back. Carry two or three in stock for this purpose and watch your sale's profits mount. Size: 13½" high, 13" wide and 8½" deep.

#### Table Model Price

K16727—Table Model complete with 5 RCA Tubes. For 110 volt A.C. or D.C.

List Price, \$26.95.

**YOUR PRICE**

**\$15<sup>85</sup>**

#### Foreign Reception

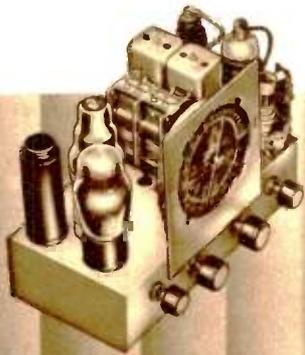
For the person who desires variety in radio entertainment—who desires to get more than just local reception, who wants to reach out for the excitement and thrill of exploration in the faraway. THIS IS THE RECEIVER. Tunes Two Separate Wave Bands. Receives either American Broadcast programs, European short wave stations, or the American Amateurs and Police Calls. Thrill to the romantic music of some far-away country!

#### 4" Airplane Dial

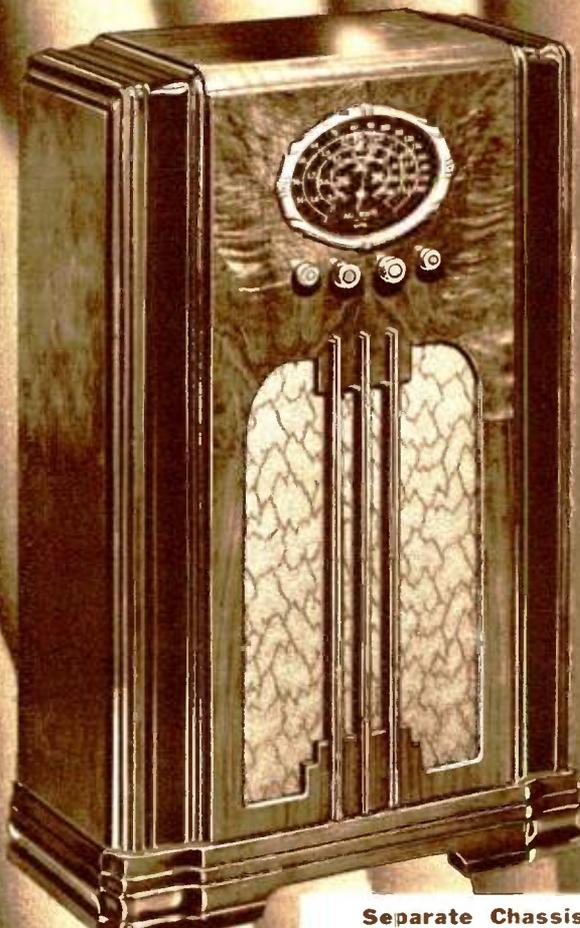
For easy tuning. Three colored illumination. Has five zones marked with names of Foreign countries. Saves time.

#### Specifications

Improved Superheterodyne circuit. Tunes 2 bands, 15 to 55 and 170 to 555 Meters. Receives Foreign and American broadcasts. New type high gain tubes: 1-6K7, 1-75, 1-6A7, 1-43, 1-2525; give you seven tube efficiency. Low power consumption, 45 watts. Automatic Volume Control maintains constant volume level. Full Range Tone Control, allows you to change the tonal pitch to suit your particular taste. Separate short wave switch eliminates plug-in coils. Full vision, illuminated 4" Airplane Dial, Kilocycle calibration, vernier tuning. New type 5½" full Super-dynamic Speaker. For 105-120 volt, A.C. or D.C.



# 7 TUBE *Deluxe Superheterodyne*



## "Tunes All the World"

### 3 Bands—15 to 555 Meters

★ 7 New Type Tubes—2 Metal and 5 Glass. ★ Variable Tone Control. ★ Three Continuous Wave Bands. ★ Automatic Volume Control (A.V.C.) ★ Full Powerful Pentode Amplification. ★ 3 Microvolt Sensitivity—10 Kilocycle Selectivity. ★ Magic Eye Visual Tuning Indicator. ★ New Design Audio Circuit—High Fidelity Response. ★ Three Color Band Switch with Color Band Indicator. ★ 8½" Oval Airplane Dial calibrated in Kilocycles and Megacycles in five colors. For 105-120 Volts 50-60 Cycle A.C.

### Supreme Radio Enjoyment

This bigger, better, more powerful 7 tube Receiver with its clearer tone and super-selectivity, gives true all wave reception. Completely covers every type of Radio program from 15 to 555 meters. At every point on the new Giant easy-to-read Airplane dial you are assured powerful, full-toned, reception. Short waves 15 to 200 meters bring in Foreign Stations, Police Broadcasts, Airplanes, Amateurs, Ships at sea, etc. 200 to 555 brings Standard American, Mexican and Canadian Broadcasts. The use of seven latest type Dual Purpose Metal and Glass Tubes operating at peak efficiency in a new Superhet Circuit develops tremendous undistorted power. You will hear every instrument, every voice, every inflection of speech with life-like brilliance of tone superior to that provided by any other receiver in this price class. Every new feature of proven worth has been incorporated to make this the Finest Radio Receiver.

#### Price

K16720—Console complete with 7 Tubes.  
List Price, \$58.45.

#### YOUR PRICE

**\$34<sup>95</sup>**

#### Large 38" Console

A handsome Console with all the grace and beauty that distinguishes fine furniture. The extra large baffle and 12" Concert Grand Speaker gives finer tonal reproduction. Center instrument panel and rolled top of attractively grained American Walnut. The gracefully curved Walnut pilasters and grille columns are finished in a contrasting darker shade. Walnut finished sides. A lustrous elegant hand-rubbed piano finish brings out all the color and beauty of the natural wood grains. Console size 38" high, 22" wide, 11" deep.

#### Separate Chassis

The exceptionally high quality of this Chassis makes it particularly desirable for installation in custom built expensive cabinets, or prized furniture. Easily modernizes any radio.

#### Price of Chassis

K16722—Complete with Seven R.C.A. Tubes, a 10" Dynamic Speaker, Escutcheon, and knobs. Chassis dimensions: 10¾" wide, 5½" deep, 8" high. List Price, \$35.95. **\$21<sup>50</sup>**  
YOUR PRICE.....



#### Guaranteed

#### Foreign Reception

Tunes three separate Wave Bands. 16 to 51, 52 to 174 and 175 to 555 meters. Foreign Programs from all over the World at Your Finger tips!

#### Chassis and Circuit Specifications

★ 7 Tubes, 2 Metal and 5 Glass—Superheterodyne Circuit, 6B5 audio stage insures high gain and ample power output. Tube types: 1-6H6, 1-6F5, 1-6A7, 1-6D6, 1-6B5, 1-6E5, 1-80.  
★ World-Wide Range—3 Band continuous coverage from 16 to 555 meters. Gets Foreign and American Broadcast and Short-Wave Stations, Police Calls, Amateurs and Airplanes.  
★ Triple Tuned I.F. Coils—Ten kilocycle separation between stations.  
★ Tone Control—permits either the bass or treble to be accentuated. Used also for noise reducing on Foreign Stations.  
★ Automatic Volume Control—Eliminates inter-station noise when tuning and counteracts fading of distant stations.  
★ 8½" Oval Dial calibrated in 5 different colors.  
★ Three Color Band Switch. ★ Visual Tuning Eye.

#### Price

K16721—Table Model. Complete with 7 Tubes.  
List Price, \$39.95.

#### YOUR PRICE

**\$23<sup>95</sup>**

#### Exquisite Table Model

A superb cabinet creation of modern design and beautiful woods. Top and sides are a beautiful shade of medium Walnut tone, with the front face of beautifully figured Walnut in a contrasting lighter shade. Rich lustrous hand-rubbed finish. A Concert 8" Dynamic Speaker provides superlative tone. Dimensions: 18" high, 3¾" wide, 10" deep.



# World Wide High Fidelity 10 TUBES

## More Power—More Beauty New Cabinets—New Circuits

★ *World-Wide Range—3 Bands—540 to 18,000 kilocycles.* ★ *10 Metal and Glass Tubes.* ★ *High Fidelity.* ★ *Uniform Sensitivity Over All Bands.* ★ *Magic Eye Tuning.* ★ *Automatic Volume Control.* ★ *Full Range Tone Control.* ★ *Large 8½" Oval Airplane Dial Illuminated in Five Colors.* ★ *Zone Tuning—Calibrated in Kilocycles and Megacycles.* ★ *Push-Pull 6B5's Give Undistorted 15 Watt Output.* ★ *Beautiful Console.* ★ *Exquisite Table Model.* ★ *105-120 Volt, 50-60 Cycle A.C.*

## Quality—Tone—Foreign Reception

This new Powerful 10 Tube Receiver will outperform any other 10 tube Receiver. Here you get Custom-Built Quality at low cost. If you want a receiver on which you can absolutely depend and guarantee to bring in European, South American, Canadian, Mexican and other Foreign programs and give Superlative Long Range Reception on American Broadcasts, Maximum Sensitivity, Absolute Selectivity and Tone of a faithful quality, then this is Your Receiver. Its superior performance and exquisite beauty are sure to please the most critical buyer. Here you get every radio development of proven worth—All Wave Reception—Visual Eye Tuning—15 Watt Output—Oversize 8½" Oval Airplane Dial—High Fidelity Tone—and dozens of others listed elsewhere on this page. Buy this 10 Tube Receiver with confidence—in its class it has no superior.

## Exquisite Walnut Console

Designers, artists and cabinet makers have judged this to be one of the most attractive consoles available today. The extra large baffle and a 12" Concert Dynamic Speaker brings you exquisite tone quality. Center instrument panel and top are of large full grain Walnut. Sides are of American Walnut. The gracefully curved pilasters are of matched Butt Walnut. Lustrous elegant hand rubbed piano finish throughout. Size: 38" high, 24" wide, 11" deep.

## Price

K16723—Console complete with 10 tubes.  
List Price, \$69.95.

## YOUR PRICE

**\$41<sup>95</sup>**



## Price of Chassis

Complete with Ten R.C.A. Tubes, a Concert 12" Dynamic Speaker, Escutcheon, and Knobs. For 110 volt 50-60 cycle AC.

K16725—

List Price \$46.95.

YOUR PRICE.....

**\$27<sup>95</sup>**

## Separate Chassis

The exceptionally high quality of this Chassis makes it particularly desirable for installation in custom built expensive cabinets, or prized furniture. Easy to install.

## High Fidelity

Uniform characteristics over practically the entire musical range (25 to 6500 cycles) assures the widest tonal range, the most faithful life-like reproduction ever achieved in radio.

## Circuit Specifications

★ *10 Metal and Glass Tubes—Superheterodyne Circuit.* Two I.F. Stages are used insuring wonderful selectivity and sensitivity. Tube types: 1-6K7 1-6A8 1-6D6 1-7S 2-7G 2-6B5 1-6E5 1-80.

★ *Uniform Sensitivity over All Bands—Two micro-volt Sensitivity.*

★ *Automatic Volume Control—eliminates inter-station noise and fading.*

★ *Visual Tuning—Accurate tuning by sight rather than by ear.*

★ *World-Wide Range—Continuous Coverage from 540 to 18,000 kilocycles in accordance with U. S. Federal Trade Commission requirements. Gets Foreign and American Broadcast and Short-Wave Stations. Police Calls, Amateurs and Airplanes.*

★ *Airplane Dial—latest Airplane Type Full-Vision 8½" Oval Dial is used in both Console and Table Model Receiver. Has three scales. Each band is illuminated in different colors. The smooth, easy to operate band-change switch also operates illuminated Wave Band Indicator.*

## Walnut Table Model

Sturdily constructed. Choice Stump Walnut Instrument Panel. Two-tone American walnut gracefully curved pilasters of contrasting grains. Soft hand-rubbed piano finish. All these combine to make this a cabinet of incomparable beauty. A large 8" Dynamic Speaker, correctly baffled, provides "top" tone performance in a Table Model. Dimensions: 18" high, 13¾" wide, 10" deep. A superb cabinet creation.

K16724—Table Model. Complete with 10 Tubes.

List Price, \$49.95.

## YOUR PRICE

**\$29<sup>95</sup>**



# NEW Cabinets ★ GREATER Values



## 5 TUBE SUPERHET 3 Bands—18.5 to 550 Meters

★ Foreign and Domestic Broadcast as well as Amateurs—Airplanes—Police Calls. ★ 18.5 to 52, 52 to 175, 175 to 550 meters. ★ Superhet Circuit. ★ 3 Gang Condenser. ★ 11 Tuned Circuits—10 Kc. Selectivity. ★ Automatic Volume Control (AVC). ★ Dual Purpose Tubes—3 Tube Performance. ★ 6¼" Airplane Dial—15 to 1 Vernier Dial. ★ 6½" Dynamic Speaker. ★ Tone Control.

### Powerful Performance

This 5 Tube A.C. All-Wave 3 Band Superhet Using 3-Gang Condenser and Dual Purpose Tubes is positively the most sensitive and selective five tube radio offered today. No dead or insensitive spots on the dial. Finest Foreign Short Wave and Standard Broadcast reception. 15 to 1 tuning ratio of giant dial mechanism and long pointer sweep gives the ultimate in Band S-P-R-E-A-D tuning. Sell this receiver to enthusiastic radio "fans" and "hams" with full confidence that the performance will meet their every requirement—the most critical will be satisfied.

### Five All Metal Tubes

1-6A8, 1-6X7, 1-6Q7, 1-6F6, 1-5W4, actually make this set equal to many using as high as eight tubes. Variable Tone Control. Giant 6¼" Illuminated Dial—with red, green and white coloring for each band. Zone Tuning. 6½" Super Dynamic Speaker: Clear, powerful tone.

### Special Low Price

K16747—For 110 volt 50-60 cycle A.C. Complete with 5 RCA Tubes. List Price, \$39.50.

**YOUR PRICE \$19<sup>95</sup>**

### Superhet Circuit

Advanced Superhet with double-tuned I.F., 11 tuned Circuits and a 3-Gang Tuning Condenser. 10 Kc. Selectivity. 5 Microvolt Sensitivity on all bands. Automatic Volume Control—silent tuning. Prevents fading.

### New Cabinet

A brand new "Laydown" Cabinet—entire front panel with rolled top is of attractively figured American walnut with the sides finished in a slightly darker shade. Fine hand-rubbed "Piano" finish. Size: 18½" x 9¾" x 8¾".

# 6 TUBE Radolek Money-Savers 5 TUBE

## 6 TUBE SUPER For A.C. Operation

A new 1937 A.C. Table Model with Great Power, Superb Life-like Tone, Extreme Sensitivity and Selectivity — PLUS — The Oval Streamlined Zephyr Cabinet and "Mono-Vision" Tuning. Truly a great 6 tube value.

### All Newest Features

★ Thrilling DX reception on 3 Bands  
★ 16 to 52, 52 to 175, 175 to 550 Meters  
★ Superhet Circuit ★ 3-Gang Condenser  
★ Automatic Volume Control (AVC)  
★ 10 Kc. Selectivity  
★ Dual Purpose Tubes  
★ 9 Tube Performance  
★ 5½" "Mono Vision" Dial with 4 Pointers  
★ Vernier Tuning  
★ Tone Control  
★ 6" Super-Dynamic Speaker. Clear natural tone.

### "Mono-Vision" Tuning

Now "SEE" your volume, tone and band setting. Large 5½" tuning dial is really four dials in one. For the first time a "complete" tuning mechanism is offered on a moderately priced receiver. Set back in cut-out space in center of dial are three pointers which plainly indicate the tone, volume and wave band being used. Volume pointer also shows whether set is "off" or "on." Tuning dial is the dual type. Upper half is for broadcast; lower half for intermediate or short wave.

### Superhet Circuit

A New advanced Superheterodyne circuit incorporating new and improved engineering features, provides extreme sensitivity and selectivity on all bands. Six tubes used: 1-6D6, 1-6A7, 1-75, 1-76, 1-42, 1-80. Automatic Volume Control minimizes fading and blasting. Variable Tone Control and heavy duty 6" Dynamic Speaker insure absolute realism and fidelity of tone.



## 5 Tube A.C. 2 Band

A superb low-priced Dual Wave Receiver built and priced to enable you to meet all competition. Two Wave Bands with 3 Band Utility 43 to 150 meters brings in Foreign, Amateur, Police, Aviation and short wave broadcasts. 175 to 550 Meters brings in Standard American, Canadian and Mexican broadcasts. 6½ to 1 Ratio, 5½" Airplane dial calibrated in kilocycles simplifies both Broadcast and Short Wave tuning. Hi-Gain Superheterodyne circuit incorporating 2 gang condenser and 8 tuned circuits provide sensitivity and selectivity superior to other Radios in this price class. Uses Five Tubes: 1-6A7, 1-6D6, 1-75, 1-42 and 1-80. Automatic Volume Control maintains constant Volume level on all stations.

### Newest "Laydown" Cabinet

Rolled top and front panel are artistically fashioned from choice American walnut. Graceful side panels are of red gum. Base is recessed and shaded. Overall hand rubbed piano finish. Size 15¼" x 9" x 7". Complete with 5 Raytheon tubes. For 110 volt, 50-60 cycle A.C.

K16748—  
List Price, \$27.50.  
**YOUR PRICE** .....

**\$13<sup>95</sup>**



### Foreign Reception

The Three Wave Bands give continuous coverage from 550 to 19,000 kilocycles. Brings in Standard American, Canadian and Mexican Broadcasts, Police, Amateur, and Airplane Short Wave Broadcasts. Domestic and Foreign Short Wave.

### New Zephyr Cabinet

The NEW Oval, Zephyr Cabinet. Rolled sides and instrument panel are of matched figured walnut with contrasting wide circling band of mahogany. Hand rubbed lustrous piano finish. The cabinet beautiful for the well appointed home. 15½" high, 15½" wide and 8½" deep.

K16706—Table Model Receiver, complete with six Raytheon Tubes. List Price, \$44.50.

**YOUR PRICE \$23<sup>75</sup>**

# Newest Models 6 VOLT Battery Radios

## A Real Battery "Leader"

A new, 4 Tube, low-priced 6 volt Battery Receiver giving remarkable Dual Wave reception with unusual operating economy. The "Leader" in Low Priced Battery Radios . . . from its selective true-toned chassis and speaker, to its beautiful Walnut cabinet, you'll find VALUE and PERFORMANCE unequalled by any other similar battery set.

### 4 Tube Economy—7 Tube Performance

The use of a Synchronous vibrator and two dual purpose tubes assures real 7 tube performance at 4 tube economy. Ideal for use in rural localities where a battery has to last a long time between charging. New Superhet Circuit. Automatic Volume Control assures constant volume level. 6" Orthovox Speaker for full rich tone. Airplane Dial 5½ inches, 3-color illuminated. Tube types: 1C6; 34, 1B5, 1F4.

### Tunes 2 Bands—Foreign Reception

Short Wave Band: 43 to 150 Meters receives Police, Amateur, Airplane, and Foreign Broadcasts. 175 to 550 Meter Band Receives Standard American and Canadian Broadcasts.

### New Style Cabinet

Newest 1937 design "Lay-down" Model. Rolled top and front panel. American walnut. Overall hand-rubbed piano finish. Size: 15¼" long, 9" high, 7" deep.

K16749—4 Tube 6 Volt Battery Set. Complete with four RCA tubes. No Battery.

List Price, \$39.50.  
**YOUR PRICE . . . . . \$20<sup>85</sup>**



## 5 Tube DeLuxe Battery Model

2 Bands—Foreign Reception—Dynamic Speaker

### All Newest Features

The finest low-priced, 5 Tube, long distance Battery radio we've ever offered. Incorporates all the latest improvements found in highest quality A.C. powered radio sets, yet operates entirely from a 6 Volt Storage Battery. Long life dependability brings city entertainment to rural homes at a low initial and operating cost.

### Powerful Performance

Highly efficient Super-heterodyne Circuit incorporates all the latest engineering features. Through the use of Multi-purpose tubes and a Synchronous Vibrator this radio actually has as great efficiency as many 7 tube Sets. Tubes used: 1-19, 1-30, 1-75, 1-A4, 1-6C6. Extreme Sensitivity. Hairline Selectivity.

K16702—5 Tube Battery Model complete with tubes.

No Battery.  
List Price, \$42.50.  
**YOUR PRICE . . . . . \$23<sup>40</sup>**

### Tunes Two Bands

Two Bands: Short Wave and Broadcast. Short Wave Band 5500 to 17,000 K.C. — Brings in Foreign Broadcasts. Standard Broadcast Band 550 to 1750 Kc. Brings in American and Canadian Broadcasts.

### New Airplane Dial

Large size 5½" dial. Vernier tuning. Scale is 3-color illuminated for easy and accurate logging of stations. Calibrated in kilocycles and megacycles.

### Extreme Economy

The use of 5 new low-drain type tubes in a special economy circuit so designed that low current consumption will insure extreme economy and long battery life. Drain is only 1.75 amps.

### Exquisite Table Model

One beautifully grained walnut panel forms both the front and sides of this distinct model. Rolled pilasters, straight-grained walnut top and a lustrous piano finish, adds grace and charm to this 1937 cabinet. Size: 13¼" high, 12¾" wide, 6½" deep.



## For Those Who Want the Best

7 Tubes—3 Bands—8" Speaker

### Super Performance

This bigger, better, more powerful 7 Tube 6 Volt Battery Receiver, with its clearer tone and super-selectivity, gives you more enjoyable Short Wave and highest quality Broadcast Reception. Especially designed for those who want the best possible performance in a battery receiver and yet insist on the greatest value per dollar invested. Every new feature of proven worth has been incorporated to make this the finest and most powerful Battery receiver.

### World-Wide Reception

Tunes 3 Bands: 55 Megacycles to 18 Megacycles and brings Foreign and American Short Wave Broadcast. 1700 Kc. to 5600 Kc. brings Police, Airplane, Amateur and Ship Broadcasts, 1750 Kc. to 545 Kc. brings Standard American, Canadian broadcasts.

### Low Cost Operation

The use of all new type "low-drain" tubes in a new circuit assures lowest possible current consumption and real economy.

### Finest Tone Quality

Power Driven Audio System: Clear natural tone. Fine Quality 3" Dynamic Speaker. Correct Baffle. Variable Tone Control. Live Rubber Tuning Condenser Mounting. Automatic Volume Control. Counteracts fading and blasting. 3 gang Condenser used in High-gain Superhet Circuit: exceptional sensitivity and selectivity. 4 color Vernier Airplane Dial. Uses 6 tubes: 1-6C6, 2-34's, 3-30's, 1-19.

### Superb Walnut Cabinet

Finest quality 1937 Table Model sturdily constructed of beautiful, selected grain walnut. Instrument panel with rolled sides is of straight grain American Walnut, piano finish. Size: 15¾" high, 12¾" wide, 8" deep. Exceptional beauty and design.

K16703—7 Tube 6 Volt Table Model. Complete with Tubes.

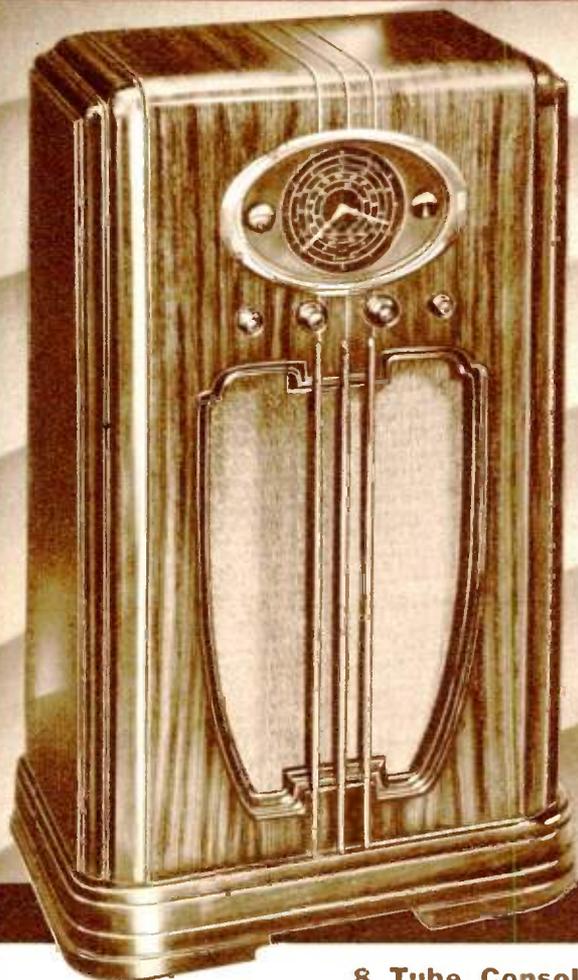
No Battery.  
List Price, \$59.50.  
**YOUR PRICE . . . . . \$31<sup>25</sup>**



World Radio History

THE RADOLEK COMPANY

# 4 Bands 8 TUBES "Beam Power"



## FEATURES

- ★ TUNES FOUR CONTINUOUS WAVE BANDS—16.4 TO 2000 METERS
- ★ NEW "ELECTRON EYE" VISUAL TUNING ★ 3 GANG CONDENSER
- ★ "FLY-WHEEL" STATION FINDER ★ 10 KILOCYCLE SELECTIVITY
- ★ NEW "MICRO-CLOCK" TUNING ★ AUTOMATIC VOLUME CONTROL
- ★ GIANT OVAL DIAL ★ VARIABLE TONE CONTROL ★ RADIO ROBOT
- ★ EIGHT TUBES ★ 16 TUNED CIRCUITS ★ 2 MICROVOLI SENSITIVITY

\*For 105-120 Volt 50-60 Cycle A.C. Operation.

## Finest Custom Quality

### 8 Tube Console

A handsome Console with all the grace and beauty that distinguishes fine furniture. The extra large baffle preserves and intensifies the exquisite tone quality of the huge 12" Concert Dynamic Speaker used in this Console. Figured butt walnut instrument panel. The butterfly maple pilasters are convex and finished in a contrasting lighter shade. Hand-rubbed piano finish brings out all the color and beauty of the choice woods. Rich silk grille cloth. Size: 39½" high, 33¼" wide, 13¼" deep.

K16757—8 Tube AC Console. Complete with 8 All-Metal RCA Tubes and 12" Speaker. **\$46<sup>45</sup>**

YOUR PRICE.....

### Exquisite Table Model

Solid, heavy durable construction. Center panel of richly grained genuine Burl Walnut. Gracefully curved set back top and instrument panel. Sides are of finely grained walnut in a darker contrasting shade. Fine hand-rubbed lustrous piano finish. Perfect acoustic design. Cabinet size: 21" high, 14¼" wide, 11¾" deep. For use on 105-120 volt, 50-60 cycle A.C.

K16758—8 Tube AC Table Model. Complete with 8" Speaker and 8 RCA All-Metal Tubes. **\$36<sup>95</sup>**

YOUR PRICE.....

### Chassis Price

K16759—8 Tube AC Chassis. Complete with 8 RCA Metal Tubes, 12" Speaker, Knobs and Escutcheon. Size: 8½" high, 11½" wide, 7½" deep. For use on 105-120 Volt, 50-60 Cycle A.C.

List Price, \$72.50.

YOUR PRICE

**\$35<sup>95</sup>**



### Metal Tubes—"Beam Power"—True Tone

Here is a Receiver GUARANTEED to OUTPERFORM any other 8 tube receiver offered at price. Great Power, Finest Tone Quality. Uses the new type 6L6 "Beam Power" Tube for tremendous output at low cost. Extreme Sensitivity. Precise Selectivity. Easy Tuning and Attractive Appearance are all combined to make this new 1937 Eight Tube A.C. Receiver an Outstanding Value not approached by any other High Quality 8 Tube Set. Programs from South America, France, Spain, England, Germany and Asia with all the volume possible and with the original rich sweet tones fully preserved. Every newest modern engineering development is incorporated in this Receiver bringing you the best possible 8 Tube performance and the greatest value per dollar invested.

### Specifications for 8 Tube Models

- ★ RCA ALL METAL TUBES—Superheterodyne Circuit. 16 Tuned circuits. Double tuned I.F. coils are used insuring 10 Kilocycle Selectivity and 2 Microvolt Sensitivity. Tube types: 26K7's, 1-6A8, 1-6Q7, 1-6L6, 1-6G5, 2-5W4's.
- ★ 11" OVAL AIRPLANE DIAL—Makes world wide tuning easy and super-accurate. Four full bands are in large, easy-to-read numerals. Calibrated accurately. Over 14 inches of reading space to the shortest wave band. Bands calibrated as follows: (1) Foreign: 5.5 to 17.5 megacycles (2) Police: 1700 to 1900 Kc., Police, Amateurs, Ships and Airplane signals (3) Standard Broadcast: 550 to 1700 Kc. coast to coast standard American, Mexican and Canadian broadcasts. (4) Weather: 800 to 2000 meters. Government time and weather reports.
- ★ HIGH FIDELITY—New Powerful 6L6 "Beam" audio system for high fidelity response and new beauty of tone
- ★ ELECTRON EYE TUNING—Permits you to "see" when your station is in tune. Shows when station is perfectly tuned.
- ★ FULL RANGE TONE CONTROL—Enables adjusting the radio to receive each program at its best. Brilliant, mellow tone.
- ★ AUTOMATIC VOLUME CONTROL—Eliminates inter-station noise when tuning and counteracts fading on distant stations.
- ★ VISUAL WAVE BAND INDICATOR—Indicates band used.
- ★ "FLY WHEEL" TUNING—Reduces the time necessary to tune in stations widely spread on the dial.
- ★ MICRO CLOCK TUNING—Permits positive logging of stations in advance. No more blind station hunting.

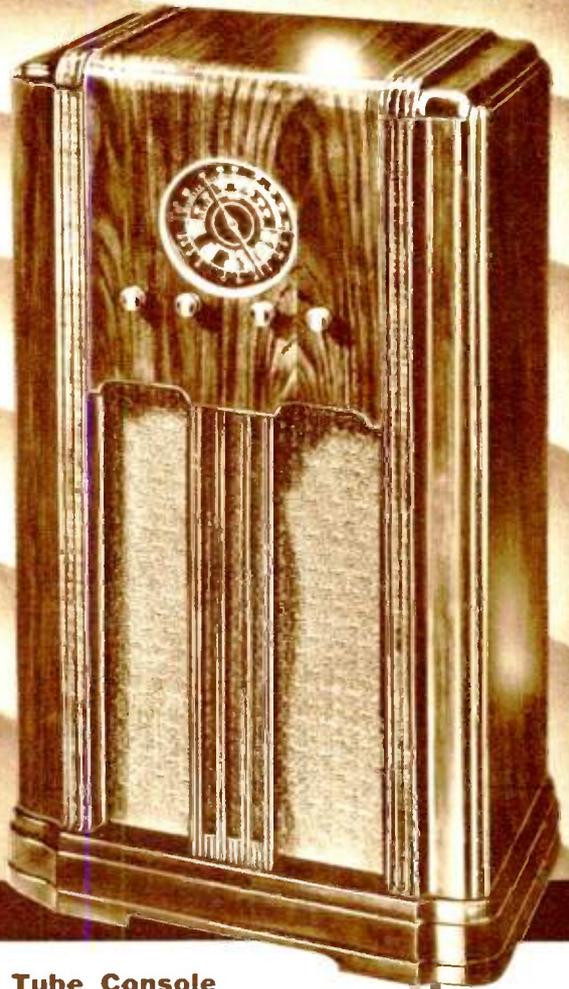
# A C Operated 6 TUBES World Wide



## FEATURES

- ★ TUNES 3 CONTINUOUS WAVE BANDS—18.5 TO 350 METERS
- ★ 6 1/4" THREE-COLOR AIRPLANE DIAL ★ ZONE STATION TUNING
- ★ 15 TO 1 RATIO VERNIER TUNING ★ ELEVEN TUNED CIRCUITS
- ★ VARIABLE TONE CONTROL ★ THREE GANG TUNING CONDENSER
- ★ AUTOMATIC VOLUME CONTROL ★ 10 KILOCYCLE SELECTIVITY
- ★ LARGE DYNAMIC SPEAKER ★ 3 WATTS UNDISTORTED OUTPUT
- ★ NEWEST SUPERHETERODYNE CIRCUIT ★ SIX ALL METAL TUBES

\*For 105-120 Volt 50-60 Cycle A.C. Operation.



## Foreign Reception

### Super Performance—6 Tube Economy

A DeLuxe AC Six Tube Superheterodyne Receiver incorporating all of the finest 1937 engineering features possible to include in a radio of this size. Designed particularly for those who desire a quality radio. There is no skimping in the building of this radio. Of course it does not have the great sensitivity and power output of the larger models but the same careful engineering and construction goes into this set as is incorporated in the larger ones. Without exception this six tube radio is the equal of any six tube set on the market and it is actually more efficient than most 5 tube sets and even many 8 and 9 tube sets.

### Specifications for 6 Tube Models

- ★ "HI-GAIN" SUPERHETERODYNE CIRCUIT—Eleven tuned circuits with pre-selector stage make possible a very high order of sensitivity and selectivity on all three wave bands. SIX RCA ALL METAL TUBES are incorporated in this circuit to give highest efficiency. Tubes are: 1-5A8, 1-5K7, 1-6H6, 1-5F5, 1-6FL, and 1-5W4.
- ★ TUNES 3 CONTINUOUS WAVE BANDS from 18.5 to 350 Meters. Gets Foreign Broadcasts, Amateurs, Airplanes and Ships. Long Range Reception on Broadcast and All Police Bands.
- ★ 6 1/4" AIRPLANE DIAL—15 to 1 Vernier Ratio. Zone calibrated for easy Foreign tuning.
- ★ THREE-GANG RUBBER-FLOATED TUNING CONDENSER—for precise selectivity and pure natural tone.
- ★ AUTOMATIC VOLUME CONTROL maintains constant volume level on both distant and local stations. . . . prevents fading due to variations in signal strength. . . . reduces blasting.
- ★ TWO AUDIO STAGES give a HIGH FIDELITY undistorted power output of 3 watts. Class "A" Pentode Audio System.
- ★ VARIABLE TONE CONTROL can be varied from bass to treble to suit individual tastes or acoustical requirements. Tone control on bass will reduce noise on foreign reception.
- ★ FULL SIZE DYNAMIC SPEAKER: Faithfully reproduces the full tone ranges of the Audio System. 6 5/8" SPEAKER IN TABLE MODEL. 8" SPEAKER IN CONSOLE MODEL.
- ★ RUGGED CHASSIS—Strong, rigid, fully shielded chassis constructed of highest quality parts. Transformers, resistors and condensers are all designed to withstand heavy overloads.

### 6 Tube Console

An impressive graceful Console of very newest design and finest quality construction. An 8" Dynamic Speaker and the larger baffle area adds much to the fullness and richness of tone. Rolled top and instrument panel of natural grained American Walnut. Gracefully fluted pilasters are solid red gum with an overlay of contrasting sliced walnut. . . . Lustrous hand rubbed piano finish throughout. Size 39 1/2" high, 22" wide, 12" deep.

Complete with Six All Metal RCA Tubes and 8" Dynamic Speaker.

K16754—List Price, \$64.50.

YOUR PRICE **\$31<sup>65</sup>**

### Walnut Table Cabinet

Attractive and rich looking. Front panel is of selected burl walnut. Streamlined overlay in a contrasting darker shade runs up over front panel and across top. Sides and top are of selected straight grain American walnut. Dimensions: 15 1/2" high, 13 1/4" wide, and 21 1/2" deep. Complete with 6 RCA All Metal Tubes and 6 5/8" Dynamic Speaker.

K16755—List Price, \$47.50.

YOUR PRICE **\$23<sup>75</sup>**

### Chassis Price

K16756—6 Tube AC Chassis. Complete with 6 RCA Metal Tubes, 8" Speaker Knobs and Escutcheon. Size 9" high, 11 1/4" wide, 8" deep. For use on 105-120 Volt, 50-60 Cycle A.C.

List Price, \$42.50.

YOUR PRICE

**\$21<sup>45</sup>**



# 10 Watt 10 TUBE "Etherscope"

**ALL WAVE—16.4 TO 2000 METERS—4 BANDS**

*These Super Features Are Incorporated In Both 10 and 17 Tube Models*

★ **Four Continuous Tuning Bands**—16.5 to 2000 Meters—Complete Coverage of All Bands—16.4 to 55 Meters; foreign and domestic short wave broadcasts—55 to 180 meters; police, amateur and aviation—180 to 550 meters; standard American and Canadian broadcasts—800 to 2000 meters; commercial code, weather reports, European long wave broadcasts. "Gets everything on the air."

★ **Every feature incorporated** to make tuning simple, practical. Foreign stations actually come in "easy". (See description of the "Perfect Tuning Mechanism" on opposite page.)

★ **"High Gain" Superheterodyne Circuit** incorporating every new achievement in radio, plus many exclusively developed features for finest tone and performance.

★ **Absolute Two Microvolt Sensitivity**—Extremely low noise-to-signal ratio through use of R.F. stage preceding 1st detector.

★ **High Gain, Litz Wound Cells** used throughout, individually completely shielded to prevent stray pick-ups and inter-coupling.

★ **Full Floating 3 Gang Condenser** Entirely mounted on live rubber—eliminates microphonics and tone distortion.

★ **Continuously Variable Tone Control**—Allows personal adjustment—permits acoustical adjustment to any size room.

★ **Automatic Tone Control**—Automatically cuts down high frequency response when tuning between stations. Minimum between-station noises even with volume turned up.

★ **Automatic Volume Control**—Prevents Fading—Maintains constant level on all stations—Stops blasting when tuning from station to station.

★ **RCA-Hazeltine Licensed. Underwriters Approved.**

## "WORLD WIDE" RECEPTION

### Additional 10 Tube Features

In addition to the above specifications this superb 10 Tube Receiver features: 2 of the new type 6L6 "Beam Power" Amplifier Tubes in push-pull providing a full 10 Watts undistorted output—A Giant 12" Auditorium Type Dynamic Speaker specially designed and constructed to give complete fidelity of tone over the entire range of sound frequencies—**Single Chassis Construction** incorporating 10 R.C.A. Tubes: 6K7, R.F., amplifier; 6K7, automatic tone control; 6K7, I.F. amplifier; 6A8, 1st detector and oscillator; 6Q7, diode detector, AVC and 1st audio amplifier. 2-5W4, rectifiers; 2-6L6, "Beam" power output tubes; 6G5, visual "tuning eye".

### Exquisite Console Model

A radio that stands head and shoulders above any in its price range . . . A splendid example of the craftsmanship which has won such high acclaim for Radolek cabinets. Beautifully grained burl walnut instrument panel slightly sloping for tuning ease. Rolled top of combination burl and quarter sliced walnut. Fluted pilasters and sides of straight grain walnut in contrasting darker shade. Lustrous hand-rubbed piano finish brings out all the color and beauty of the natural wood grains. Rich gold silk grille cloth. Console size 41" high, 24" wide, 13" deep. A quality piece of furniture worthy of a place in the finest home. Extra large baffle and perfect acoustic qualities preserve and intensify the exquisite tone qualities of this 10 tube Super Receiver.

#### Console Price

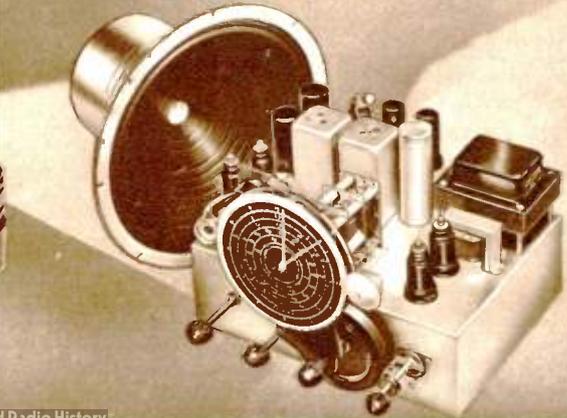
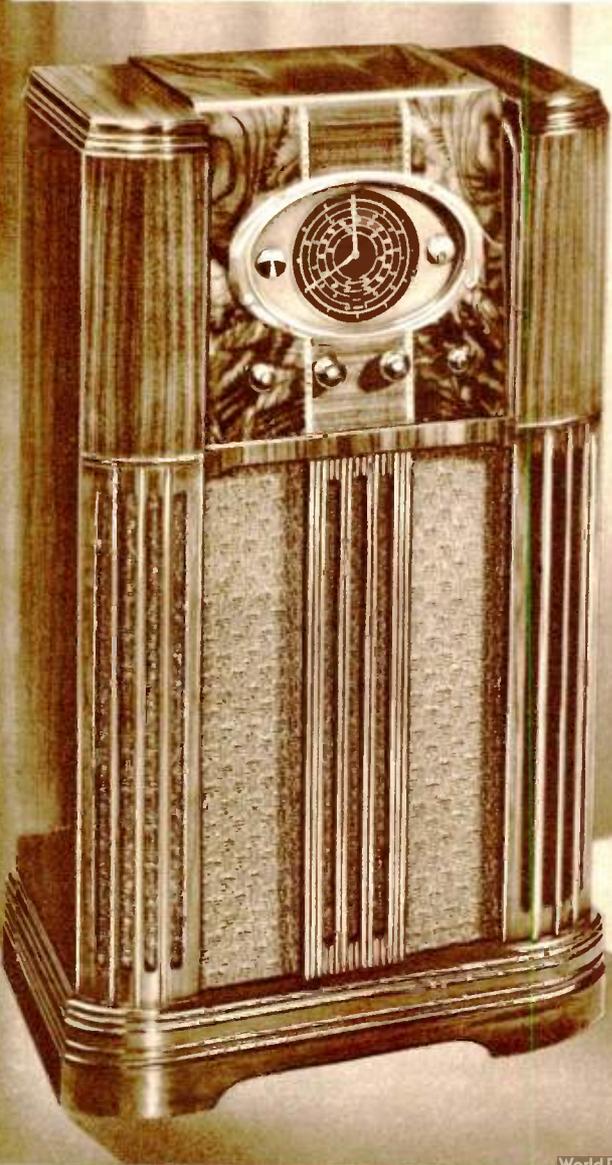
Complete with R.C.A. tubes. For 110 volt, 50-60 cycle AC current.  
K16750—List Price, \$125.00.

#### Chassis Price

Chassis complete with 10 RCA tubes, 12" Auditorium Type Dynamic Speaker, Escutcheon and Knob. Chassis size 12 1/2" wide, 11" high, 11" deep.

**\$57<sup>65</sup>**  
YOUR PRICE . . . . .

**\$41<sup>95</sup>**  
YOUR PRICE . . . . .



# 30 Watt 17 TUBE "Stratospher"

## THE FINEST "AROUND-THE-WORLD" PERFORMANCE

Twice the Tone Range and Power of Other Radios

### 11" Oval Dial

The most beautiful and easy-to-operate dial ever designed. 340° swing of dial indicator provides over 14" of scale length. 4 Bands: (1) 5.5 to 17.5 meg.; (2) 1700 to 5500 Kc.; (3) 550 to 1750 Kc.; (4) 720 to 2000 meters.



**"FLY-WHEEL" STATION SELECTOR**—For high speed station selection. The 30 to 35 seconds required to swing around the ordinary dial is here reduced to less than 5 seconds.

**"MICRO-CLOCK" TUNING**—Positive locking of stations in "time" instead of milliseconds, kilocycles or meters. Just like looking at your watch and noting the time. No more searching back and forth once you've logged your set the "tell-time" way.

**VISUAL TUNING EYE**—Cathode-Ray Tube permits you to "see" when your receiver is perfectly in Tune. Allows station selection with volume turned off for quiet tuning.

**WAVE BAND INDICATOR**: Controls the selection of any of the desired four wave bands on the dial and indicates one in use.

### Twin Speaker—High Fidelity

Tremendous 30 WATT OUTPUT coupled with 2 GIANT CONCERT DYNAMIC SPEAKERS assures the widest tonal range, the most life-like reproduction in radio. HIGH FIDELITY at any desired volume without the slightest distortion. Incorporates AUTOMATIC BASS COMPENSATION which brings up low response providing full toned reception at low volume.

### Beautiful Walnut Console

The most beautiful cabinet obtainable was selected to house this great radio. Built along massive, sturdy lines, with a slight tendency toward the modern. Constructed of specially selected woods and finished in soft blending duo-tones. Will be appreciated as an additional piece of furniture in even the most elaborately furnished home. Slanted instrument panel is of beautifully figured burl walnut with rolled top. Two panels at each side are of straight grain walnut with marquetry inlay edges slightly rolled. Side pieces of straight grained walnut. Baffle area covered with gold mesh grille cloth. Hand rubbed to a rich piano finish. Dimensions 45" high, 28" wide, 15 1/2" deep. The finest Radio you have ever seen, anywhere.

## FINER THAN THE FINEST

### Additional 17 Tube Features

We present this magnificent instrument for those who want the best Receiver that money can buy. In addition to all of the super-features on the opposite page this 17 tube model incorporates these additional features which fully justify its additional cost. ★ 17 R.C.A. Metal and Glass Tubes.

### Dual Chassis—30 Watts Output

★ The R.F. TUNER and AUDIO AMPLIFIER are each constructed on SEPARATE CHASSIS for complete elimination of microphonics and assuring full 30 Watts Output. Tubes used in R.F. TUNER: 3-6K7, 6AR, 6C7, 2-5W4, 2G. Tubes used in AUDIO AMPLIFIER: 85, 42, 6T7, 4-40, 1V4G, 80.

### Dual 12" Dynamic Speaker

Reproduction from Twin Super Dynamic 12 Inch Auditorium Speakers is so natural it cannot be distinguished from the original broadcast. Has finest quality parts throughout. Overrated transformers, chokes, and condensers, surge shock absorbing auxiliary filter condenser, and double tuned IF transformers.

### Chassis Price

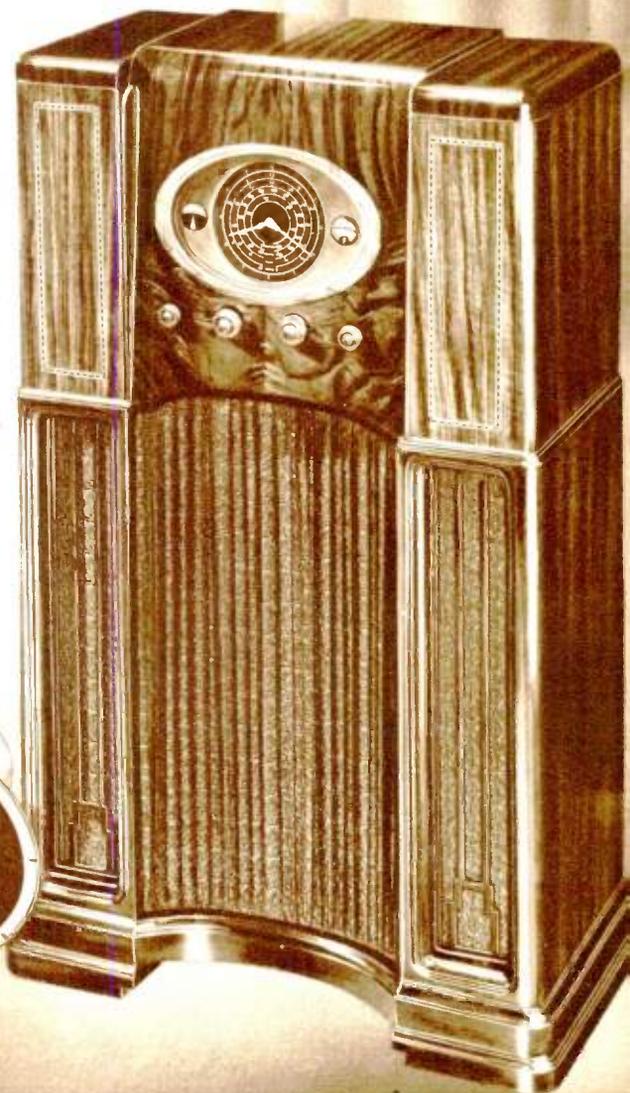
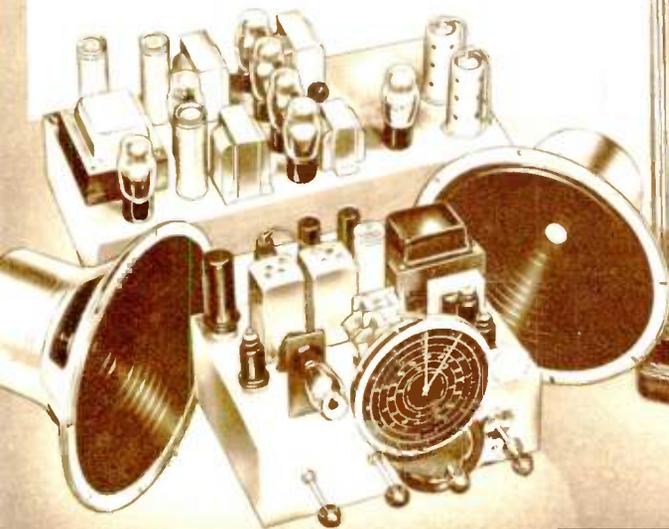
Twin Chassis complete with 17 RCA Tubes, Two 12" Auditorium Type Dynamic Speakers, Knobs, and Escutcheon. Tuner Chassis size 12 1/2" wide, 8" high, 11" deep. Amplifier Chassis 20" wide, 9" deep, 7" high.  
K16753—List Price, \$180.00.  
**YOUR PRICE \$75.00**

### Console Price

Complete with 17 RCA Tubes. For 110 volt, 50-60 cycle operation. Shipping weight 160 pounds.

K16752—List Price, \$225.00

**\$99.50**  
YOUR PRICE.....



# 8 TUBE "Almost Batteryless"



## SUPER-POWERED PERFORMANCE

### Lowest Battery Cost Operation

- ★ *Tunes Three Bands—14.6 to 550 Meters.* ★ *No "B" or "C" Batteries Are Required.* ★ *Visual-Eye Tuning.* ★ *Full Dynamic Speaker.* ★ *Automatic Volume Control.* ★ *Tone Control.* ★ *Oval Airplane Dial.* ★ *Band Spread Tuning.* ★ *6 Volt D.C.*

This newest 1937 "Almost Batteryless" Radio, we believe, is the most powerful, finest quality, 8 tube Battery Receiver being offered today. It equals or surpasses in performance the finest AC radios in its class. The upkeep and operating costs are practically nil. It incorporates everything you need for complete radio enjoyment. It gets Foreign stations, coast to coast in America, Police Calls, Amateurs, Airplanes. Hundreds of interesting, thrilling programs you've never heard before, with full power and clear rich tone.

### New Power—New Beauty—New Tone

To those who have struggled along with the old type obsolete battery receivers this superb radio will reveal power, selectivity and tone far beyond anything ever imagined. Nearby and distant stations always available for your entertainment, with sufficient volume for any home—precisely controllable from a whisper to full amplification. Perfect tone quality, because of the automatic bass control, over the complete tone range at every volume. True fidelity tone with many other desirable features used on the most up-to-date receivers. With this set you are assured that you will have the finest of radio reception.

### Exquisite Walnut Console

A distinctive new console. Substantially built of genuine walnut. Sloping front panel curves back to form the top. Top, front and side are of selected straight grain walnut, delicately shaded and hand rubbed to a fine lustrous piano finish. Shaded strips with grain meeting in "V" shape, run up the front panel and across the top. The rounded corners are of beautiful burl walnut finished in attractive shade. A large baffle area preserves and intensifies the tone of the large 10" super dynamic speaker. The console is 41" high, 23" wide and 12 1/2" deep. Ample space is provided for storage battery.

### Console Price

K16778—8 Tube Battery Console—  
Complete with RCA Tubes. Fitted  
with a 10" Super Electro Dynamic  
Speaker. No  
Battery.  
List \$89.95. **\$53<sup>95</sup>**  
YOUR PRICE



### Chassis Supplied Separately

This 8 Tube Super-Chassis with its superb tone and amazing performance makes an excellent unit to replace obsolete chassis. Price includes Chassis, 8" Super Dynamic Speaker, 8 RCA tubes, 3 tuning knobs and escutcheon. Chassis size: 15" long, 8 1/2" high, 10" deep. For 6 Volt D.C. operation.  
K16780—List Price, \$59.00. **\$35<sup>45</sup>**  
YOUR PRICE

### Electrical Specifications

★ Most advanced 8 tube superheterodyne circuit. ★ Operates entirely without "B" or "C" batteries, yet has great sensitivity. ★ 3 Tuning Bands 14.6-53, 52-190, 175-550 meters—Foreign short wave, amateurs, all police calls, Canadian, Mexican, American and Foreign Broadcast Band Reception. ★ "Electron Eye" Visual Tuning allows operator to see station coming in. Brings the station in right on the dot. ★ Automatic Volume Control—prevents fading and eliminates blasting. ★ Personal Tone Control—allows adjustment of tone to satisfy the individual. ★ Automatic Bass Compensation raises the bass. Full tone over all frequencies even at low volume. ★ Large Illuminated Mechanical Band Spread Airplane Dial Calibrated in 3 Bands directly in kilocycles. ★ Band S-p-r-e-a-d Tuning Selectivity—Fidelity Control—furnishes razor sharp selectivity for crowded short wave tuning to broad 10 Kc. separation for high fidelity broadcast reception. ★ Full Size, Super Dynamic Speaker—Very low drain field coil. ★ Uses 8 low drain tubes as follows: 1-15, 1st R.F.; 1-13, 1-F.; 1-6A7, Mod. and Osc.; 1-12, 1st detector; 1-75 Det. and AVC; 1-18, 1st A.F.; 1-75, 2nd A.F.; 1-19, Power Output.

### Beautiful Laydown Model

A new modern design, a laydown cabinet of striking appearance. Selected walnut veneers. Gracefully curved "panel to top" and "panel to sides." Rich gold grille cloth adds a modernistic touch. The entire cabinet is solidly and substantially built. Fine piano finish rubbed to a soft walnut shade. You will be proud to place this exquisite cabinet in the most elaborately furnished room. Cabinet size: 14" high, 25" wide, 13" deep.



### Laydown Model Price

8 Tube, 6 Volt Battery Table Model. Complete with 8 RCA tubes. Cabinet is fitted with 8" Super Dynamic Speaker. No Battery.  
K16779—List Price, \$69.95. **\$41<sup>95</sup>**  
YOUR PRICE

# Dual Wave 32 VOLT No Batteries

## 6 TUBE SUPERHET

For Use on 32 Volt Electric Plant

### Newest 1937 Features

The newest, most modern, up-to-the-minute 6 Tube, 32 Volt Radio Receiver. Just connect it to the 32 volt Farm Plant line. No resistors, no converters, no bother. Gets distant stations with full volume and finest tone quality. Separates stations on different wave bands with exact precision. No interference, no overlapping. The new advanced Superhet Circuit incorporates all of the latest engineering developments. An outstanding feature of this circuit is the fact that no Vibrator, Generator or other voltage step-up device is used eliminating a source of trouble prevalent in previous 32 volt sets. The ingenious arrangement of the circuit and proper selection of tubes gives this radio performance equal to sets using higher voltages on the tubes. The use of dual purpose tubes makes this set equal to most nine tube sets in selectivity, sensitivity and power.

### Tunes 2 Bands—Foreign Reception

A snap of a switch changes from Domestic to Foreign Reception. Stations come in clearly, easily and powerfully. **Tunes Two Bands:** 47.5 to 130 Meters brings in Foreign, Airplane, Ship to Shore, Amateur and Police Broadcasts. 174 to 555 Meters brings in Police and Standard American, Canadian and Mexican Broadcasts. New type—Illuminated Airplane Dial—vernier table—new self-reading station index system—easy to tune.

### Clear Powerful Tone

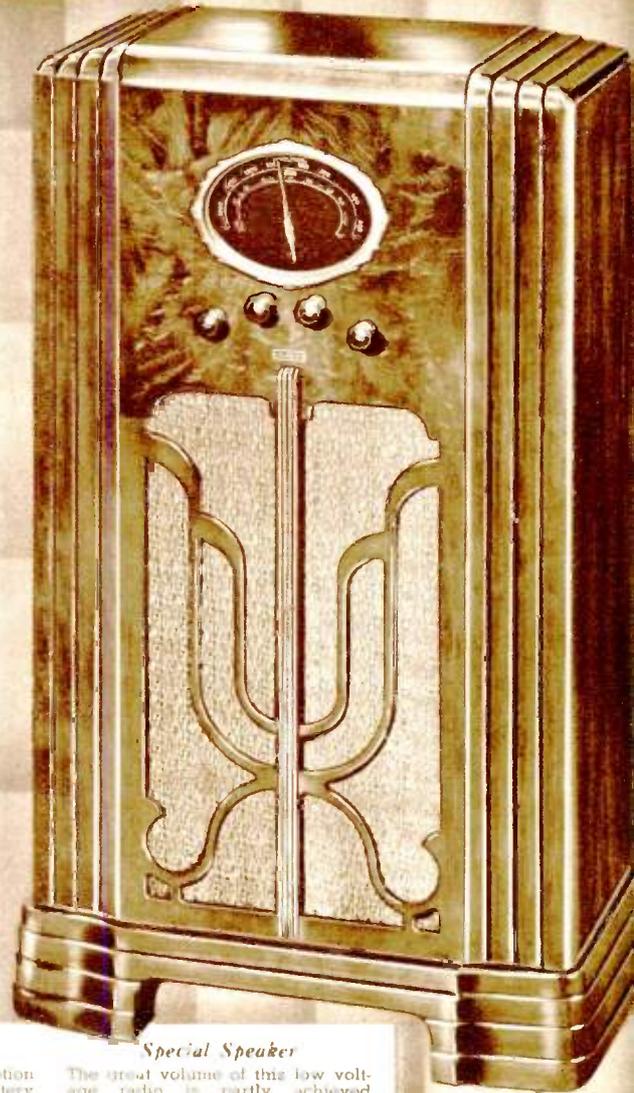
A husky full size Dynamic Speaker (8" in the Console—6" in the Table Model) operating in a High Fidelity Audio Circuit gives sweet and natural tone over the entire audio frequency range. **Full Range Tone Control** enables adjusting the radio to receive each program at its best. Permits brilliant, mellow or normal tone. Used also for noise reducing on Foreign Stations. Improved **Automatic Volume Control** enables you to retain constant volume. Minimizes fading on even the most distant stations. Tubes are 1-6A7, 1-6D6, 1-42, 1-80 and two new metal tubes, types 6H6, 6F5.

### Beautiful Console Cabinet

Beautiful Genuine Walnut Console of attractive modern design. The large 8" and 8" Super Dynamic Speaker provide a roundness and fullness of tone surpassing that obtainable in any smaller cabinet. Center panel of cabinet has rich walnut grain. Attractive grille with gold silk grille cloth. Overlaid ornament in contrasting lighter tone at base of grille. Side panels of butt walnut fluted at base and crown. Flaps extend over cabinet top adding an unusual touch in design. A piece of furniture that will beautify any home. Cabinet size: 38" high, 20" wide, 11½" deep.

### Price of Console

K16773—6 Tube 32 Volt Console. Complete with tubes and Speaker. **\$35<sup>95</sup>**  
List Price \$59.95.  
**YOUR PRICE** .....



### Rugged Chassis

Although low voltages are used throughout the circuit, oversized parts are used nevertheless to insure trouble free operation. All circuits are individually shielded to guard against inter-coupling and stray magnetic pick-up.

### Economical Operation

The entire current consumption from the 32 volt storage battery plant is only 50 watts (less than 1.6 amp.). Further economy is achieved by the long life of all the tubes, because every tube is working far below its capacity.

### Special Speaker

The great volume of this low voltage radio is partly achieved through the use of an especially designed speaker. This electro dynamic speaker was built to match this one particular radio for clear powerful tone.

### Oval Airplane Dial

This newest full vision 6" Airplane Dial is used in Both Console and Table Model. Scale indicates the 2 Bands. Shortwave 47.5 to 130 meters and Standard Broadcast 174 to 555 meters. Also calibrated in kilocycles and megacycles. Completely illuminated. Smooth vernier drive. Easy to tune.

### Exquisite "Laydown" Cabinet

An exceptionally powerful receiver in the newest 1937 laydown design that combines the finest radio reception with convenient portability. This Deluxe cabinet, while priced very low, is much finer than you would expect in this price class. Made of carefully selected thick, substantial walnut veneers, finely grained, carefully matched. Heavy coats of lacquer, hand rubbed in soft brown finish, give it an elegant, rich finish. Front panel of beautifully grained stump walnut. Exquisitely cut speaker grille. Rounded pilasters and a fluted raised top add grace and charm. Size: 11½" high, 17½" wide, 8½" deep.

### Price of Table Model

K16774—6 Tube, 32 Volt Table Model. Complete with tubes, 6" Dynamic Speaker. **\$25<sup>95</sup>**  
List Price \$39.95.  
**YOUR PRICE** .....



# Three Bands 8 TUBES AC Operated



## World Wide Reception

- ★ Three Wave Bands—17-52, 52-175, and 175-550 Meters.
- ★ 3 Gang Condenser on all Bands. ★ 8 Tubes—4 metal Tubes—4 Glass Tubes. ★ Illuminated Airplane Dial with Dual Pointer. ★ Automatic Volume Control. ★ Electron Eye Tuning. ★ Full Scale Smooth Tone Control. ★ 5 Watts Undistorted Push-Pull Output. ★ Fine Quality Large Dynamic Speaker. ★ 105-120 Volt 50-60 Cycle A.C.

### Table Model, Console or Chassis

This 8 tube All Wave Superhet is available in Table Model, Console or Chassis. It provides the finest Radio entertainment from Domestic Broadcast, Police, Amateur, Airplane and Foreign Short Wave stations. Incorporated in it is the newest type Superheterodyne circuit, laboratory engineered by the leading Scientists in the Radio Field. Has tremendous power, great sensitivity on long range stations, selectivity that divides the separate channels with exact precision, tone quality that is remarkably beautiful and realistic. In it are incorporated all the newest engineering features that add outstanding performance; Automatic Volume Control, minimizes fluctuations in volume due to atmospheric variations; Full Range Tone Control to accentuate personal tone taste; Illuminated Airplane Dial with Dual Pointer and "Zone" Indexing provides vernier tuning and insures ease and accuracy of tuning for all stations. And with all this outstanding performance and with all these modern features, the cost is very low. In no other 8 Tube Radio Receiver can you get so much at such a low cost. Full value for your radio dollar.

### Walnut Console

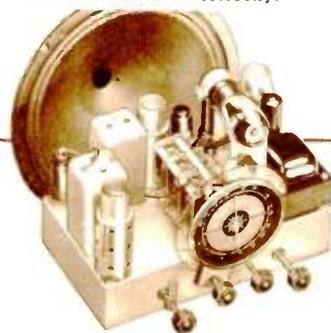
Built by skilled craftsmen of choice selected woods. Substantial rigid construction. A distinctively modern design. Instrument Panel of matched genuine butt walnut. Top, sides and pilasters of plain quartered Walnut. Gold silk grille cloth. Hand rubbed lustrous brown Walnut finish. Large 12 inch Dynamic Speaker with full baffle insures finest tone quality. Cabinet size: 39" h., 22" w., 12" d.

### Airplane Dial

A large "Easy to Read" 4 color fully illuminated Airplane dial, 4 inches in diameter, makes tuning easier, even for the novice. 3 scales accurately calibrated in kilocycles for standard broadcast reception and in megacycles for short-wave reception. Zone indexing indicates where to tune for various types of Short Wave Stations. Dual pointer. Electron Eye Tuning indicates positively when station is tuned in correctly.

### Console Price

K16770—8 Tube AC Console Model Complete with Tubes and 12" Speaker. List Price \$69.95. **YOUR PRICE \$41<sup>97</sup>**



### Chassis Available Separate

The exceptional tone quality and world-wide performance of this superb chassis makes it particularly desirable for installation in expensive cabinets, or prized furniture. Size: 9" high, 11½" wide, 9" deep. For 105-120 volt, 50-60 cycle A.C.

K16772—Complete with 8 tubes, 12" Dynamic Speaker, Knobs, and Escutcheon. List Price \$49.50. **YOUR PRICE \$29<sup>50</sup>**

### Circuit Specifications

- ★ 8 Metal and Glass Tubes—Superheterodyne Circuit. Triple tuned I.F. coils are used, insuring 10 Kilocycle selectivity. Tube types: 1-6A7, 1-6E7, 1-75, 1-6C5, 2-6F6's, 1-80, 1-6E5.
- ★ World-Wide Range—Continuous coverage from 17 to 550 meters. Gets Foreign and American Broadcast and Short-Wave Stations, Police Calls, Amateurs, Airplanes.
- ★ High Fidelity—Phase inversion Push-pull audio system for high fidelity response gives new beauty of tone, new depth of color. Assures wide tonal range.
- ★ Uniform Sensitivity over All Bands.
- ★ Powerful Output—Two power tubes in push-pull give an undistorted output of 5 watts.
- ★ Full Range Tone Control—Enables adjusting the radio to receive each program at its best. Brilliant or mellow tone.
- ★ Automatic Volume Control—Eliminates inter-station noise when tuning and counteracts fading on distant stations.
- ★ Electron Eye Tuning Gives Visual Accurate Tuning.

### Laydown Table Model

Especially designed for those who want the best possible performance in a Table Receiver, and insist on the greatest value per dollar invested. Full 8" Dynamic Speaker insures tone that cannot be equaled in smaller models. Rich, simple, modern, design Cabinet. Strong, sturdy construction. Figured Walnut front panel. Top and sides of American walnut with plain quartered grain. Rich soft brown hand-rubbed piano finish. Size: 10" high, 21" wide, 9" deep.



### Price of Table Model

K16771—8 Tube AC Table Model. Complete with tubes and 8" Dynamic Speaker. For 110 Volt, 50-60 Cycle A.C. List Price, \$54.95. **YOUR PRICE \$32<sup>97</sup>**

# 10 Watt 11 TUBES Four Bands

## Super PERFORMANCE

### Brings In Everything On The Air

The newest 1937 Eleven-Tube Receiver. Specially designed for those who want a super-powered radio that tunes 4 Bands for extremely powerful short-wave reception. GUARANTEED to OUTPERFORM any other Receiver offered at anywhere near its price. Custom Built Quality at low cost. If you want a Receiver on which you can absolutely depend to bring you European Foreign programs, superlative Long Range Reception on American and Canadian Broadcasts, maximum sensitivity, absolute selectivity, tone of a faithful quality such as you have never before heard in Radio, then this is YOUR RECEIVER.

### Tunes 4 Continuous Bands

Completely tunes 4 continuous wave bands, covering 14.6 to 2260 meters, brings in everything on the air: Amateurs, Ships at Sea, Airplanes, Foreign Short and Long Wave Broadcasts, American, Canadian and Mexican Standard Broadcast programs, and U. S. Government Time and Weather Reports.

### Features and Specifications

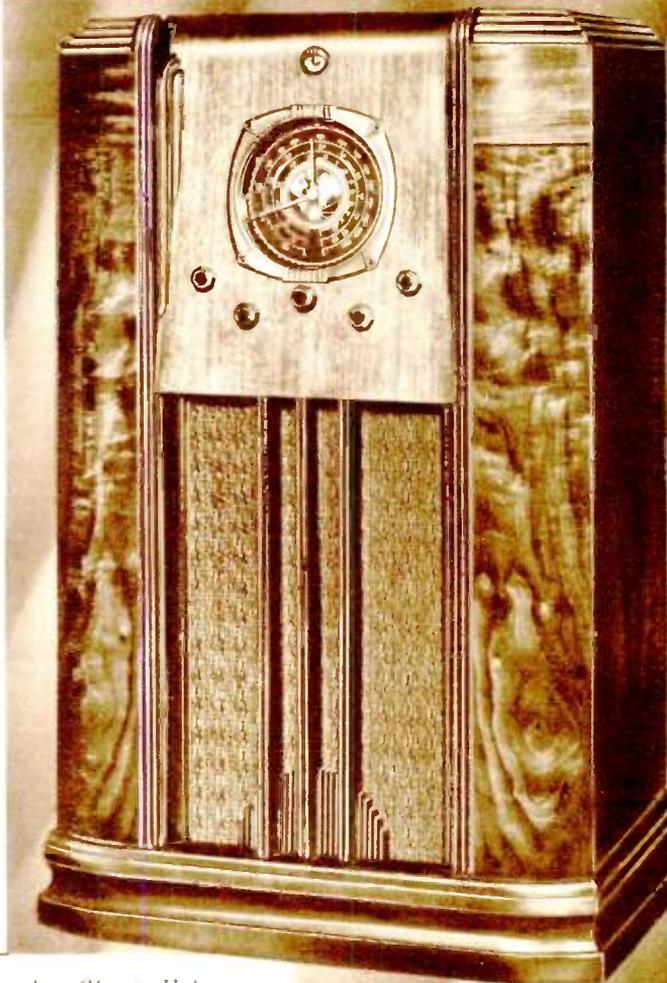
★ New Superhet Circuit with 11 RCA Tubes. ★ Illuminated 6 1/2" Multi-Colored Band Indicating Dial. ★ Pre-Selectors on every band. ★ Air Tuned I. F. Coils. ★ Rubber-Floated 3 Gang Condenser. ★ Variable Selectivity Control permits selectivity adjustment from razor sharp for crowded short wave to broad 16 Kc. for high fidelity broadcast reception. ★ Smooth Tone Control. ★ Automatic Bass Compensated Volume Control—no fading or blasting—tone equally superlative at all volume settings. ★ Electron Eye Visual Tuning, permits tuning with volume turned off—Brings the desired station in sight on the dot. ★ Superb Tone with 10 watt auditorium volume. ★ 12" Auditorium Speaker mounted in the console and 10" speaker mounted in the laydown model, carry the Full 10 Watt Output without distortion. Uses 11 RCA Tubes as follows: 6K7, RF; 6K7, Mod.; 6J7, Osc.; 6K7, I.F.; 6H6, Det. AVC; 6CS, 1st A.F.; 6CS, 2nd A.F.; 2-6F6 Power tubes; 5Z3, rect.; 6ES, Teleye.

### Matchless Walnut Console

Instrument panel, sides and top are of Pencil Stripe American Walnut. Side panels are beautiful figured butt Walnut. A lustrous elegant hand rubbed piano finish brings out all the color and beauty of the natural wood grains. Rich gold silk grille cloth. Console size: 40" high, 25" wide, 14" deep.

K16775 11 Tube Console. Complete with tubes and 12" Speaker. List, \$110.00. YOUR PRICE

**\$66<sup>00</sup>**



### Price of Complete Chassis Unit

11 Tube Chassis. For operation on 110 volt 50-60 cycles AC operation. Chassis depth 10" width 13 1/2", height 10". Price includes 11 RCA Tubes, 12" Auditorium Type Dynamic Speaker, Escutcheon and 5 Control Knobs. K16777—List Price, \$79.50. YOUR PRICE

**\$47<sup>95</sup>**

For 105-120 Volt 50-60 Cycle A.C.



### Foreign Tuning Made Simple

Every feature to make tuning simpler has been incorporated in the Redolek 11 Tube Superheterodyne. Variable Selectivity Control permits operator to select the degree of selectivity necessary for the particular station being tuned from razor sharp 8 Kc. for the crowded short wave bands to broad 16 Kc. for high fidelity broadcast reception. Further band spread is obtained from the dual speed, 6 1/2" multi-colored band indicating, band-spread dial. First you set the "hour hand" pointer on the approximate spot on the dial where the desired station should be, then, with the same knob, you turn the "Minute Hand," which rotates five times for each dot on the dial, insuring perfect location of every station on the air. Pre-selector on all bands amplifies the weaker signals before they are fed into the superheterodyne circuit.

### Beautiful Laydown Cabinet

For those who desire a smaller cabinet but demand console results, the Redolek 11 Tube Superheterodyne has been housed in this exquisite new laydown cabinet. Built for acoustical perfection as well as beauty, this new, ultra modern cabinet will preserve and accentuate the auditorium volume and superb tone of the large 10" super dynamic speaker. Top is of attractive straight grained American Walnut with front panel and sides of a contrasting lighter shade of beautifully figured butt walnut. Modernistic scroll work over the speaker opening is backed up with brilliant gold grille cloth. This modern cabinet measures 14" high, 25" wide, 11" deep.



11 Tube Laydown. Complete with 10" Auditorium Speaker, 11 RCA tubes. This attractive NEW cabinet will perfectly harmonize with the furnishings of any room where you wish to place it. For 110 volt, 50-60 cycle A.C.

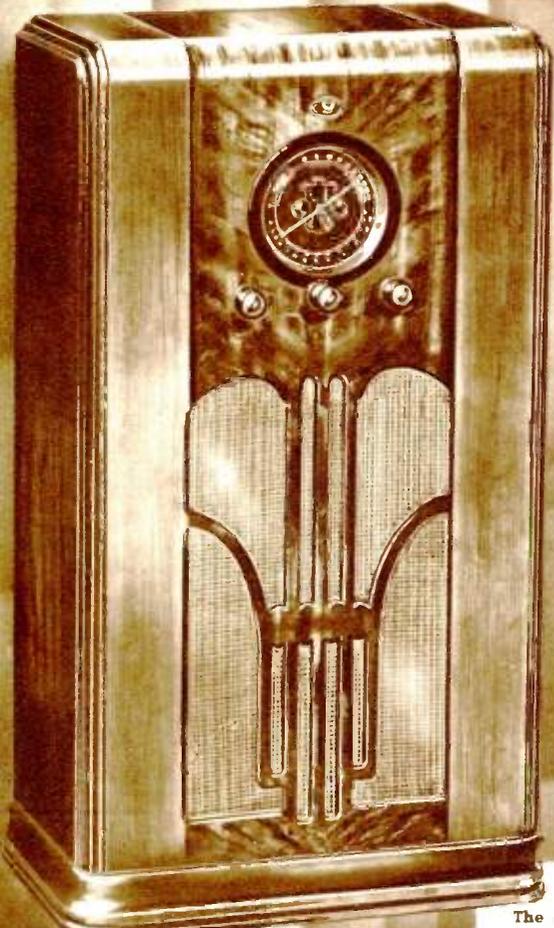
K16776—List Price, \$90.00. YOUR PRICE

**\$54<sup>00</sup>**

World Radio History

THE RADOLEK COMPANY

# Three Bands 7 TUBES Electron Eye



## FINER PERFORMANCE

- ★ *Electron Eye Visual Tuning* ★ *Tunes 3 Wave Bands—17 to 550 Meters* ★ *Newest Hi-Gain Superheterodyne Circuit* ★ *Seven Newest Type High Efficiency Tubes* ★ *Illuminated Vernier Airplane Dial* ★ *Automatic Volume Control (A.V.C.)* ★ *Undistorted Pentode Output* ★ *Fine Quality 6½" Dynamic Speaker* ★ *For 105-120 Volt, 50-60 Cycle AC Operation.*

## Greater Values . . . Lower Prices

A 7 tube DeLuxe Superheterodyne Receiver incorporating every modern radio engineering development—including new high gain, dual purpose tubes. These tubes are used in a circuit which has been especially developed to take full advantage of the features incorporated in them. Tremendous Power and surprising Range—with unusual selectivity and splendid Tone. Every program that Radio can bring you is yours. With just the snap of a switch you select the Foreign Short Waves on the 17 to 50 meter band or American Amateurs, Airplanes, Commercials and the full range of Police Broadcasts on the 75 to 200 meter band or Regular American Broadcast on the 200 to 550 meter band. Perfect balance of circuit and the use of precision materials insures superlative results, outstanding performance.

## Moderne Walnut Console

Great Power, Finest Tone Quality, Extreme Sensitivity, Precise Selectivity, Easy Tuning and Attractive Appearance are all combined in this Receiver. Outstanding Value, not approached in any other High Quality Set. The plain, straight lines of the Console will blend with any style furnishings. Up-to-date,—it combines quality with beauty and modern style. The front side panels of genuine walnut, the rolled top and instrument panel of attractively figured walnut and the strong construction, are of a quality found only in the more expensive cabinets. All the beauty of the exquisite grain of natural walnut is retained in the soft brown hand-rubbed finish. Overall dimensions, 36" high, 21" wide, 11" deep.

## Price of Console

K16790—7 Tube DeLuxe Console. Complete with Tubes and 6½" dynamic speaker. For 105-120 Volt, 50-60 Cycle A.C. List Price, \$65.00.  
YOUR PRICE.....

**\$28<sup>40</sup>**

## Powerful 3 Watt Pentode Output

The type 42 Pentode Audio tube develops a full 3 Watt power Output. Natural tone and plenty of volume without "forcing" the receiver. This vigorous power is fully handled by the Improved 6½" DeLuxe Dynamic Speaker assuring the ability of being able to bring in far distant stations with the quality and distinctness of locals. Due to the high quality dynamic speaker and the large baffle area you are assured of tone quality that is superb. Your customers can now enjoy every moment of their radio program with this excellent receiver.

## "Visual" Tuning

New Type 6E5 Electron Eye Tube improves reception by assuring precise, hairline tuning. You tune with the eye as well as the ear. When station is tuned in perfectly shadow in "eye" is at narrowest point. No more need you listen to a station imperfectly tuned in. Electron Eye indicates positively when station is tuned in correctly.

## Airplane Dial

A large "Easy to Read" 4 color fully illuminated Airplane dial, 4 inches in diameter, makes tuning easier, even for the novice. 3 scales accurately calibrated in kilocycles for standard broadcast reception and in megacycles for short-wave reception. Zone Indexing indicates where to tune for various types of Short Wave Stations. Dual pointer.

## Foreign Reception

The Three Wave Bands give continuous coverage from 550 to 19,000 kilocycles. Brings in Standard American, Canadian and Mexican Broadcasts, Police, Amateur and Airplane Short Wave Broadcasts. Domestic and Foreign Short Wave Broadcasts.

## 1937 Table Model

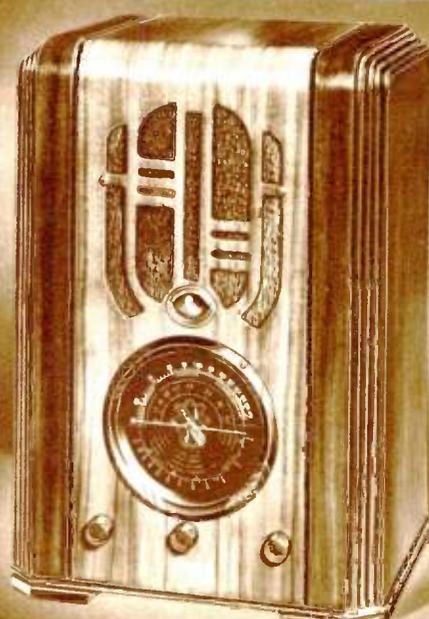
A DeLuxe Cabinet of striking appearance and exclusive design combining quality with beauty, modern style and solid substantial construction. Beautifully figured walnut instrument panel and rolled top. American walnut pilasters. Selected red gum sides. Rich gold silk grille cloth. Fine quality lacquer finish, hand-rubbed to a lustrous soft brown walnut shade. The full size Illuminated Airplane Dial adds much to the overall attractiveness of this Receiver. Cabinet design is such that it harmonizes well with practically any type of home furnishings. Cabinet size: 18" high, 12" wide, 9" deep.

## Table Model Price

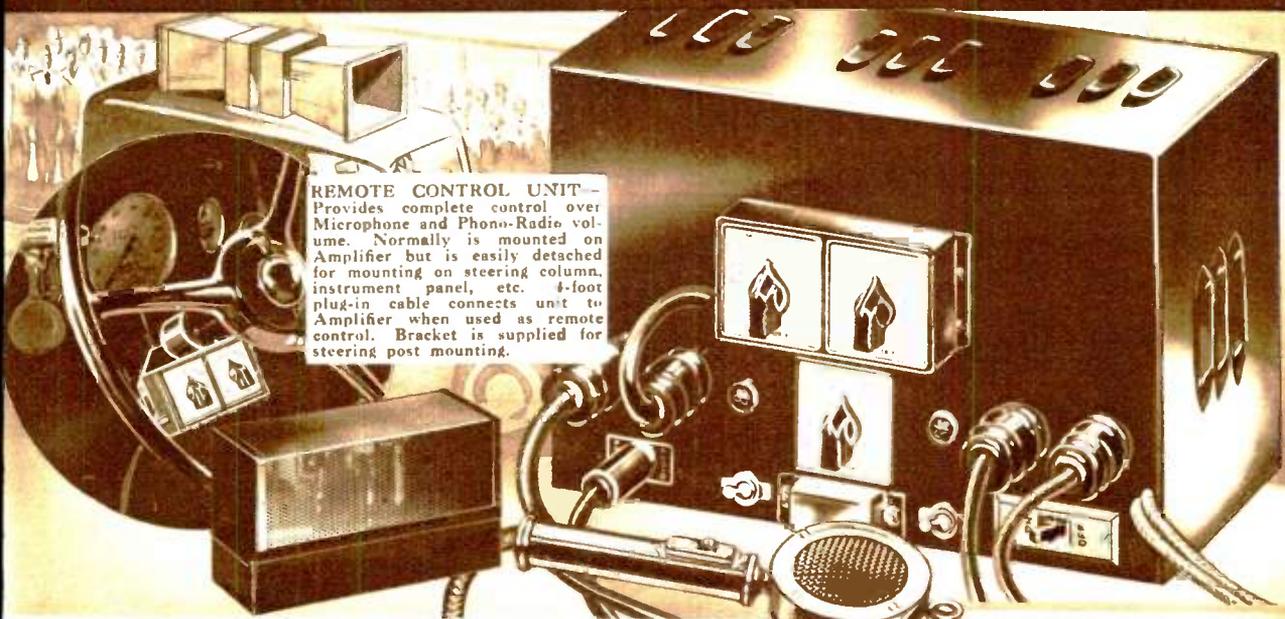
K16791—7 Tube DeLuxe Table Model. Complete with tubes and 6½" dynamic speaker. List Price, \$55.00.

YOUR PRICE... **\$21<sup>65</sup>**

For 105-120 Volt, 50-60 Cycle A.C.



# Radolek MOBILE AMPLIFIER 20 Watts



**REMOTE CONTROL UNIT**— Provides complete control over Microphone and Phono-Radio volume. Normally is mounted on Amplifier but is easily detached for mounting on steering column, instrument panel, etc. 4-foot plug-in cable connects unit to Amplifier when used as remote control. Bracket is supplied for steering post mounting.

For 6 Volt Battery or 105-120 Volt 50-60 Cycle A.C.

**Features:** ★ For Crystal or Carbon Microphones. ★ Plug-In Connections. ★ Microphone Volume Control. ★ Phono-Radio Volume Control. ★ Complete Mixer and Fader. ★ Tone Control. ★ Built-In "B" Supply Genemotor. ★ Separate Switch for Filament and "B" Supply. ★ Power Pack available for A.C.

## Easy On The Battery

A powerful 20-Watt clear-toned Mobile Public Address System designed specially for passenger car or truck Sound Advertising. Operates directly from a 6-volt Storage Battery, without any extra attachments or power packs of any kind. Two wires to 6-volt Storage Battery are the only power connections necessary. Plate current is supplied by a compact highly efficient built-in Genemotor. Incorporates the new low-drain Class B Audio Tubes—6A6's—which are efficient and economical to operate. Features a Remote Control Unit that can be mounted on the steering column. Has the "sock" of a super powerful A.C. type system . . . and it's easy on the battery.

## For Crystal or Carbon "Mikes"

Extremely High Gain of 115 db. allows the use of either Crystal Microphone or Double Button Carbon Microphone. The Built-in Electronic Mixing System carries Separate Volume Control for microphone and phono or radio, permitting blending and mixing of voice or music as desired. Also includes Tone Control and Dual "On-Off" Switches Microphone Transformer and Current Supply for Carbon Microphones are built in. . . No extra batteries needed. Polarized receptacles are provided for plugging in microphone speakers, and "A" cable. Speaker Voice coil and field coil connections are brought out to two plug-in sockets on front of chassis. Speakers obtain field supply direct from storage battery (1½ amps for each speaker). One or two Speakers can be used as desired without changing wiring of Amplifier. Complete Amplifier can be installed or disconnected in only a few minutes. Complete instructions are included.

## Mobile P.A. System

### Equipment Included

1. One Diaphragm Type Crystal Hand Microphone with "push-to-talk" Switch.
2. 20-Watt Battery Amplifier Complete with Input Control Unit, Remote Volume Control Unit, and "B" Generator—all mounted in one case.
3. Complete Set of Six Matched Raytheon Tubes including 1-75, 3-6A6's and 2-76's.
4. Two Quality 12½" D.C. Dynamic Speakers.
5. Two 3-Ply Veneer Weatherproof Baffles for above speakers.
6. 20 feet of four wire rubber covered cable and non-breakable plug for each speaker.
7. 10 feet of shielded rubber covered cable and non-breakable plug for microphone.

### Prices of Complete System

K15056—Complete System as described except with one Speaker and one Trumpet. **\$79<sup>95</sup>**

List Price, \$152.00. **YOUR PRICE** . . . . .

K15057—Complete System as described with two Speakers and two Trumpets. **\$99<sup>20</sup>**

List Price, \$190.70. **YOUR PRICE** . . . . .

Phonograph suitable for use with this Amplifier is described on page 129 under stock number K15356.

### Amplifier Only

K15054—Amplifier only with built-in "B" Generator but less tubes. **\$42<sup>50</sup>**

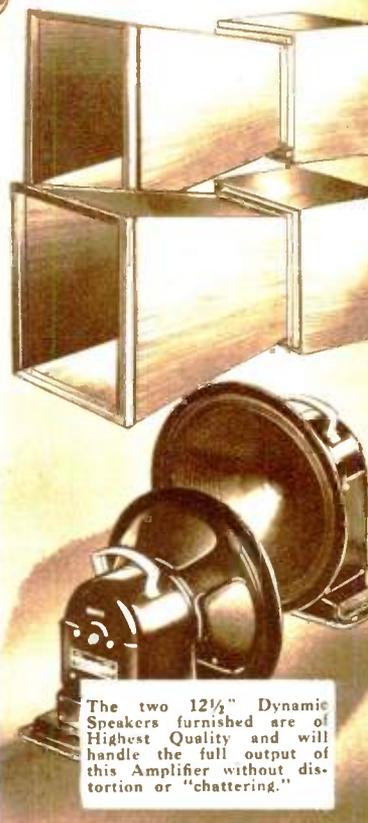
List Price, \$90.00. **YOUR PRICE** . . . . .

K15055—With Six Sylvania matched tubes, 1-75, 2-76's, 3-6A6's. **\$45<sup>64</sup>**

List Price, \$87.00. **YOUR PRICE** . . . . .

## Amplifier Characteristics and Specifications

1. 20 Watts Undistorted Power Output to speaker voice coils.
2. Four Stages with Six Tubes: 1-75, 1-6A6, 2-76's, 2-6A6's.
3. Approximately 115 D.B. Usable Gain.
4. Frequency Characteristic Curve Flat within 2 D.B. from 40 to 10,000 cycles.
5. Only .006 volts Input for maximum output.
6. Plug-in Inputs and Outputs
7. Input connections for Crystal or Double Button Carbon Microphone and Phono.
8. Built-in Button Current for Carbon Mike.
9. Volume Control for Microphone.
10. Volume Control for Phono-Radio.
11. Remote Control Unit for universal mount.
12. Complete Mixer and Fader.
13. Variable Tone Control.
14. Output Transformer provides voice coil connections for two speakers.
15. Two Pilot Lights indicate when operating.
16. Two switches; one for filaments, other for "B" Generator and speaker fields.
17. Power supply 6 volts, 12 amps.
18. Parts and Tubes all enclosed, shielded.
19. Black Crackle Enamel Finished Case.
20. Size: 12½" length, 8" height, 8" depth.



The two 12½" Dynamic Speakers furnished are of Highest Quality and will handle the full output of this Amplifier without distortion or "chattering."

## Power Pack for A.C. Use

A compact power unit which will operate Amplifier from 105-120 Volt 50-60 Cycle A.C. Line. Plug-in connections. Power pack supplies all necessary voltages for filaments, plates and grids of tubes. In addition, 6 Volt D.C. at 3 amperes is supplied for speaker fields.

K15058—Power Pack complete with Rectifier Tubes. **\$22<sup>50</sup>**

# 15 Watt **RADOLEK** Standard



## THE COMPLETE "ALL-IN-ONE" AMPLIFIER

- ★ Built-In Complete Mixer and Fader. ★ Tone Control. ★ Plug-In Input and Output.
- ★ Two Input Channels. ★ 4 Stages. ★ 20 Watt Speaker Field Supply. ★ Tapped Output
- ★ Separate Volume Control for Phonograph. ★ Separate Volume Control for Crystal or Velocity Mike. ★ For Use on 105-120 Volt, 50-60 Cycle A.C.

### Low Price—High Quality

A quality High Gain, 4 Stage, 15 Watt Amplifier built to sell at a low price. Not comparable in quality of output to the other Radolek amplifiers, but far superior to competitive amplifiers offered at anywhere near the price. Use this amplifier on installations which must be installed at a price.

Amplifier is complete in itself, no "extras" to buy except mike and speakers. Complete in one unit. ★ Microphone Pre-amplifier. ★ Separate Microphone Volume Control. ★ Separate Phono-Radio Volume Control. ★ Complete Mixing and Fading System. ★ Tone Control. ★ 20 Watts of Speaker Field Supply. ★ Tapped Output Transformer. ★ Two Plug-In Input Sockets providing connections for Crystal or Velocity Microphone and Phonograph or Radio. ★ Two Plug-In Output Sockets. ★ Chassis is heavy gauge steel with spot welded corners, finished in Black Crackle.

The 15 Watt Power Output of Amplifier provides speech or music for indoor audiences up to 5000 people or over an outdoor area of up to 20,000 square feet. Particularly recommended for medium size installations such as Lodges, Churches, Funeral Homes, Dance Halls, Taverns, Night Clubs, High School Auditoriums, Store call Systems, etc.

### Master Variable Tone Control

Tone Control regulates tonal response of both inputs. Allows full tone over the entire scale with both low and high notes fully amplified or the low notes can be accentuated if desired. Building up of low tones will make a high pitched voice sound more pleasing to the ear. Strong low tones are often very desirable in the reproduction of music, particularly organ music. Also with this tone control system, feedback can be effectively reduced.

### Output Transformer—Field Supply

Instead of putting a dozen or so useless taps on the output transformer to impress you, we have confined ourselves to two really usable taps and put more money into the quality of the Transformer. The output impedance is 15 ohms tapped at 8 ohms for connection direct to Speaker Voice Coils. The Speaker Field Supply is 20 Watts for two 2500 ohm Field Speakers allowing 10 Watts in each field. Voice coil and speaker field supply connections are brought out to two six prong plug-in output sockets.

### Simple to Connect and Operate

Radolek amplifiers and systems are particularly designed for simplicity. You can install them the way they should be installed easily and quickly. Your customer can operate them with only a few simple instructions. All connections are by plugs and sockets and are so arranged that it is impossible to put any plug into the wrong socket. All controls are plainly marked. Complete instructions for operation are included. Radolek engineers make up and connect all cables and plugs for your individual installation so that when you receive the complete system, all you have to do is place microphone and speaker plug-in connections. Turn on the A.C. current switch and you are all set to broadcast.

### Ruggedly Built

Construction throughout is exceptionally rugged and all components are considerably oversize to withstand continuous usage even under the most severe conditions.

### Complete Mixer and Fader

Complete Input System including separate volume controls for one Crystal or Velocity Microphone and Phonograph or Radio is built right in the Amplifier. The two Input Channels are so interconnected that complete mixing or fading between them can be accomplished easily and efficiently—enables a voice announcement to be super imposed on a musical background from Phonograph or Radio or a quick smooth fading from Microphone to Phono or Radio. New Mixing System eliminates losses present in old Mixers using Transformers and "T" Pads.

### Price of 15 Watt Amplifier Only

105-120 Volt, 50-60 Cycle A.C.

K15019—15 Watt, 4 Stage, Hi-Gain Amplifier for Crystal or Velocity Microphone. Factory wired, laboratory tested, without tubes. **\$19<sup>85</sup>**

YOUR PRICE.....

K15020—Complete Kit of Six Matched Sylvania Tubes including 1-6C6, 2-6A6's, 2-42's, 1-83. List Price, \$7.00. **\$3<sup>34</sup>**

YOUR PRICE.....

# PUBLIC ADDRESS System



**The Complete System . . . Portable or Permanent  
For One Crystal or Velocity Mike and Phono-Radio.  
Uses 105-120 Volt 50-60 Cycle A.C.**

## Meets All Competition

Radolek designed this 15 watt amplifier and complete sound system so that its dealers could meet all competition. While the reproduction, gain and durability are not equal to the Radolek "Deluxe" 15 watt amplifying system, it is nevertheless superior to that of all competitive models selling at anywhere near the same price. Use this amplifier and complete system when your prospect has been sold on price. But where highest quality is demanded, use the Radolek 15 watt "Deluxe".

## Amplifier Specifications

1. 15 "Undistorted" Watts Class "A Prime" Power Output, (E.M.A. Rating) to speaker voice coils. 20 Watts peak output.
2. Supplies 20 Watts Field Current for 2500 ohm speaker field coils (enough for two large dynamics.) Plug in connections provided for one or two speaker fields. (Built in field supply eliminates necessity of using A.C. operated Speakers.)
3. Four stages with seven Tubes: 1-6C5, 2-6A6's 2-42's, 1-83.
4. 130 D.B. usable Gain for Microphones. 80 D.B. Gain for Phono-Radio.
5. Practically Flat Frequency Characteristic Curve within 2 D.B. from 40 to 10,000 cycles.
6. Two Input Plug-In Connections, one for Crystal or High Impedance Velocity Microphones and one for Phonograph or Radio.
7. Separate Volume Control for Microphone.
8. Separate Volume Control for Phono or Radio.
9. Complete Mixing and Fading System.
10. Master Tone Control and On-Off Switch combined.
11. Metal Indicating Plate under each control.
12. Plug-In Input and Output connections.
13. Output Impedance Tapped at 8 and 15 ohms. Connections brought out to output sockets.
14. Only .004 volts input signal required to obtain maximum output.
15. Extraordinary Low Hum Level. .1 of 1%.
16. Power consumption 110 Watts.
17. Power supply, 105-120 volts, 50-60 cycle A.C.
18. Ten-foot super service power connection cord with unbreakable rubber attaching plug.
19. Easily accessible quickly renewable concealed fuse in power supply.
20. Bottom protecting plate with four rubber feet entirely encloses base.
21. Ample provision for ventilation.
22. Chassis finished in Black Crackle Enamel.
23. Overall height 8 3/4". Base width 6 1/2". Length 15". Height 3 1/4".
24. Net weight, 13 lbs. Shipping weight, 20 lbs.

## Matched Units

The entire group of units illustrated here may be purchased together if you want to be sure of obtaining the correct component parts for a high class installation. These units are "matched" by our Engineers to work perfectly together so that you may have an installation that will operate perfectly. All apparatus is of quality construction.

## Price of 15 Watt Public Address Systems

### Standard System

K15021—System consists of 15 Watt High Gain Amplifier described on page 114. Two 12 1/2" Special Public Address Speakers \$ **32**<sup>25</sup> complete with 25 feet of cable for each speaker, less Microphone and Tubes. List Price, \$75.25. YOUR PRICE...

### Portable System

K15022—System consists of 15 Watt High Gain Amplifier described on page 114. 2 Heavy Duty 11" Public Address Speakers, (not flimsy 8 1/2" speakers as supplied in competitive makes), and 2—25 foot speaker cables all housed in a sturdy and attractive split section "Airplane" type luggage case; size 15" high, 16" wide, 8" deep; less tubes and Microphone. List Price, \$79.75. YOUR PRICE... \$ **34**<sup>95</sup>

Extra Speaker Cable can be supplied at 3c per ft.

### Microphone and Stand

K15093—Diaphragm Type Crystal Microphone, 6 lb. base Floor Stand adjustable to 67 inches, 25 feet of cable and connecting plug. List Price, \$31.95. YOUR PRICE... \$ **18**<sup>21</sup>

K15094—Velocity Microphone, 6 lb. base Floor Stand adjustable to 67 inches, 25 feet of cable and connecting plug. List Price, \$26.95. YOUR PRICE... \$ **16**<sup>44</sup>

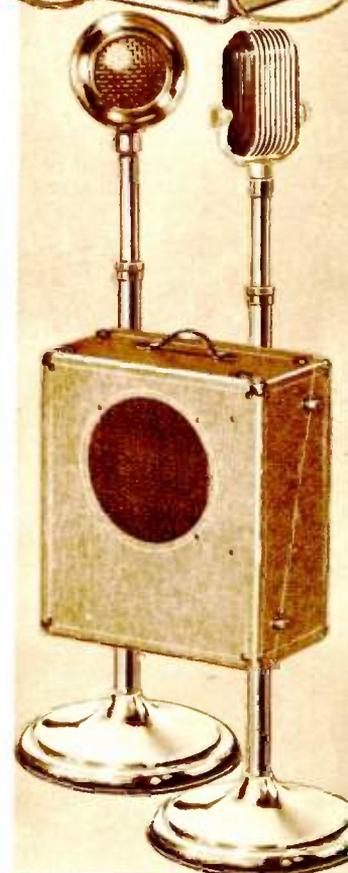
Extra Microphone Cable can be supplied at 4c per ft.

### Use Crystal Microphones for

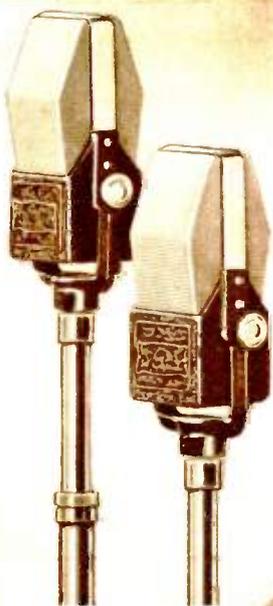
Installation, where microphone is subject to unusually hard usage. Can be used with up to 150 feet of cable without intermediate transformers or pre-amplifiers.

### Use Velocity Microphones for

Best quality tone reproduction. High Impedance Type can be used with up to 150 feet of cable without pre-amplifier. Low Impedance Type can be used up to 2000 feet from amplifier by using a coupling transformer.



# Radolek 15 WATT Deluxe



Use Ribbon-Velocity Microphone for best quality Music or Voice reproduction. High Impedance Type as supplied with system can be used with up to 150 feet of microphone cable without intermediate transformer or pre-amplifier. Low impedance type can be used up to 3000 feet from amplifier by using a coupling transformer. Ideal for long distance pick-up and convenient versatile performance.



## FOR 2 VELOCITY OR CRYSTAL MICROPHONES

★ Built-In Complete Mixer and Fader ★ Hi-Lo Tone Control ★ Plug-In Input and Output  
 ★ Two High Gain Channels ★ One Low Gain Channel ★ 4 Stages ★ 20 Watt Speaker Field Supply ★ Tapped Output ★ Two Separate Volume Controls for Microphone ★ Volume Control for Phono-Radio ★ 15 Watts (Honestly Rated) Output.

### The Amplifier That Delivers

When you get on a job with an Amplifier, the manufacturer's high pressure sales talk isn't going to help you. It's the Amplifier itself that's going to make or break your installation. Radolek Amplifiers are designed properly to deliver satisfactory results on Public Address Installations. Radolek supplies you a complete Amplifier. That's straight. We do not try to create false impressions by misleading or vague descriptions. Radolek builds Amplifiers the way they should be built.

### High and Low Tone Control

Tone controls are furnished on most Amplifiers will accentuate only the bass notes. The new Radolek Hi-Lo Tone Control allows a full tone over the entire scale with both low and high notes fully amplified or it accentuates either the low or high notes as desired. This feature which is an exclusive Radolek development is particularly valuable for installations which must fit various types of speakers, organs, orchestras and halls. In halls where unfavorable acoustics build up low notes so the voices become undistinguishable. When a speaker talks too close to the microphone causing a predominance of lows or when a speaker has a very deep voice, building up the high notes often provides very satisfactory reproduction under conditions that would otherwise almost prohibit the use of an Amplifier. This new Tone Control will provide ample control of all tones for this purpose. Also with this tone control system feedback of either the high or lows can be effectively reduced.

### All Newest Features

The Radolek 15 Watt Hi-Gain Amplifier features:— Two separate Hi-Gain Microphone Input Channels; Radio-Phonograph Input combined by Fader Unit with one of the Microphone Channels; Separate Volume Control for each Channel; Hi-Lo Tone Control; 20 Watts of Speaker Field Supply; Tapped Output Transformer; Microphone Pre-Amplifier; Convenient Plug-in Connections; Heavy, solid, 16 gauge Steel Chassis with full welded corners. Chassis is finished in the triple Chrome and Rich Baked Black Enamel that will not catch dirt, rub off or scratch. Carefully engineered, extra capacity Transformers, Condensers, Resistors, etc. with more than amplification factors assure trouble free operation. All of these things you get in one complete unit that will stand up and perform perfectly under any hard usage. A full toned, clean sounding powerful 15 Watt Output amplifies speech and music to fully cover indoor audiences of up to 3000 people or outdoor areas of up to 20,000 square feet. Recommended for use by Auditoriums, Churches, Small Dance Orchestras, Small Athletic Fields, Store Advertising Installations, etc.

### Simple to Connect and Operate

Radolek amplifiers and systems are particularly designed for simplicity. You can install them the way they should be installed easily and quickly. Your customer can operate them with only a few simple instructions. All connections are by plugs and sockets and are so arranged that it is impossible to put any plug into the wrong socket. A terminal strip is provided for speaker connections which may be used instead of the sockets if desired. All controls are plainly marked. Radolek engineers make up and connect all cables and plugs for your individual installation so that when you receive the complete system, all you have to do is place microphone and speakers, plug-in connections, turn on the A.C. Current Switch and you're all set.

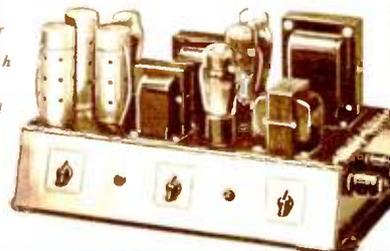
### Prices 15 Watt AMPLIFIER Only

For 105-120 Volts 50-60 Cycle Operation

K15025—Factory wired, Laboratory Tested as Illustrated without Tubes. **\$27<sup>50</sup>**  
 List Price, \$54.00.  
 YOUR PRICE

K15026—With six Sylvania matched Tubes, 2-6CG's, 1-7D, 1-6A6, 2-2A3's. 1-83. List Price, \$62.40.  
**\$31<sup>30</sup>**  
 YOUR PRICE

15 Watt Hi-Gain Amplifier Showing View with Metal Shield Removed



Split Speaker Housing For Portable Installations. K15825 List Price, \$18.25 YOUR PRICE, \$8.95 (See Page 129 for Description)

# Hi-Gain SOUND SYSTEM



## 20-Watt Speaker Field Supply

Tapped Output Transformer  
Plug-in Connections for Speakers  
12 1/2" Auditorium type full size D.C. Dynamic Speakers. Two polarized sockets or a Seven Post Terminal Strip for speaker connections. Terminal strip connections tapped at 3, 6, 9, 15 ohms and 500 ohms. Field supply incorporated in amplifier is for two 2500 ohm field Dynamic Speakers.



Amplifier Carrying Case  
For Portable Installations. See Description on Page 129.  
K15E26  
List Price \$14.25.  
YOUR PRICE \$6.95

## THE COMPLETE AMPLIFIER SYSTEM

### The Entire Group of Units

Illustrated here may be purchased together if you want to be sure of obtaining the correct component parts for high class installation. These units are "matched" by our Engineers to work perfectly together so that you may have an installation that will operate perfectly and be a money-making advertisement for you.

### 15 Watt DeLuxe P.A. System

For use on 105-120 Volt, 50-60 Cycle A.C.

**Complete Equipment Includes**  
**AMPLIFIER:** 4-stage, 15-watt A.C. operated P.A. Amplifier incorporating input control unit with separate volume control for two Microphones and Phono-Radio; Hi-Lo Tone Control.  
**MICROPHONE:** High Quality Diaphragm Type Crystal or Ribbon-Velocity Microphone gives excellent results when used on voice or music.  
**FLOOR STAND:** For Microphone can be extended from 27" to 60". Fine quality. Heavily weighted base.  
**TUBES:** Matched set of Seven Sylvania Tubes including 2-6C6's, 1-79, 1-6A6, 2-2A3's, 1-83.  
**SPEAKERS:** Two 12 1/2 inch Auditorium Type Finest Quality D.C. Dynamic Speakers. 2500 ohm fields each obtain 10 watts field supply from amplifier.  
**MIKE CABLE:** 50 feet of Best Quality Shielded Rubber Covered Cable for microphone.  
**SPEAKER CABLE:** 100 feet of Best Quality Four-Wire Heavy Rubber Covered Cable, 50' on each Speaker.

Complete with units specified above and with one Diaphragm Type Crystal Microphone.  
 15027 List Price, \$153.00.  
**YOUR PRICE \$75.40**

Complete with units specified above and with one Radolek V-2 Velocity Microphone.  
 15028 List Price, \$165.50.  
**YOUR PRICE \$82.75**

### For Portable Use

With Units Specified Above  
 System with one Crystal Microphone and three section Microphone Stand well fitted into two Carrying Cases. Split Speaker Carrying Case and Amplifier Carrying Case.)  
 15029 List Price, \$198.00.  
**YOUR PRICE \$91.25**

System with units specified above and two Carrying Cases with one Radolek V-2 Velocity Microphone instead of Crystal Microphone.  
 15030 List Price, \$175.50.  
**YOUR PRICE \$98.50**

### Complete Mixer and Fader

Built into Amplifier as integral part. The three input channels are so interconnected that complete "mixing" or "fading" between any of them can be accomplished at any volume level desired. Enables a voice announcement to be super-imposed on a musical background, mixing of two Microphones using one for concert, the other for Orchestra etc.

### Amplifier Specifications

- 15 "Undistorted" Watts Class "A Prime" Power Output, (R.M.A. Rating) to speaker voice coils. 25 Watts peak.
- Supplies 20 Watts Field Current for 2500 ohm speaker field coils (enough for two large dynamics.) Plug-in and Binding Post connections provided for one or two speaker fields. (Built-in field supply eliminates necessity of using A.C. operated Speakers.)
- Four Stages with Seven Tubes; 2-6C6's, 1-79, 1-6A6, 2-2A3's, 1-83.
- 130 D.B. usable Gain for Microphones. 80 D.B. Gain for Phono or Radio.
- "Hi-Fidelity Tone". Practically Flat Frequency Characteristic Curve within 1 D.B. from 40 to 3,000 cycles.
- Three Input Plug-in connections. Two for Crystal or High Impedance Velocity Microphones and One for Phonograph or Radio.
- Separate Volume Controls for each Microphone.
- Volume Control for Phono or Radio.
- Complete Built-in Mixing and Fading System.
- Hi-Lo Tone Control and On-Off Switch Combined.
- Etched Metal Indicating Plate under each control.
- Plug-in Input and Output connections.
- Output Impedance Tapped at 3, 6, 9, 15 and 500 ohms. Connections brought out to bakelite strip with values engraved at each binding post. 500 ohm connection also brought out to output sockets.
- Only .004 volts input signal required to obtain maximum output.
- Extraordinary Low Hum Level. .1 of 1% of Total Output.
- Power Consumption 140 Watts.
- Power Supply, 105-120 volts, 50-60 cycle A.C.
- Ruby Pilot Light indicates when power is on.
- Ten-foot super service power connection cord with unbreakable rubber attaching plug.
- Easily accessible, quickly renewable fuse.
- Front panel Triple Chrome Plate, balance of chassis finished in Rich Baked on Black Enamel.
- Overall height 8"; Base width 9"; Length 16"; Height 2 3/4".
- Net weight, 25 lbs. Shipping weight, 40 lbs.

Finest Quality Throughout

### Accessories for These Systems

Diaphragm Type Crystal Microphone complete with 50 feet of Best Quality Shielded Rubber Covered Cable with plug and Floor Stand adjustable up to 68 inches.  
 K15090 List Price, \$35.00.  
**YOUR PRICE \$19.95**

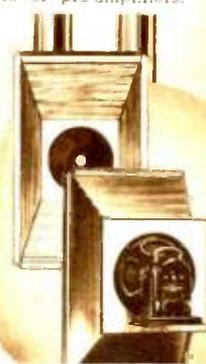
Radolek V2 Velocity Microphone complete with 50 feet of Best Quality Shielded Rubber Covered Cable with plug and Floor Stand adjustable up to 68 inches.  
 K15091 List Price, \$47.50.  
**YOUR PRICE \$27.44**

Speaker Baffle, Flare Type for permanent installations, sturdily constructed of 3/8" plywood. Size 30"x18"x14" deep.  
 K15162 List Price, \$7.00.  
**YOUR PRICE \$3.95**



### Use Crystal Microphones

In installations where microphone is subject to unusually hard usage. These mikes give excellent reproduction of either voice or music but are more subject to acoustical feed-back than Velocity type. Can be used with up to 150 feet of cable to amplifier without intermediate transformers or pre-amplifiers.



### Veneer Speaker Baffles

Made of rigid 3/4" wood veneer. For Permanent installations. See description on Page 131.

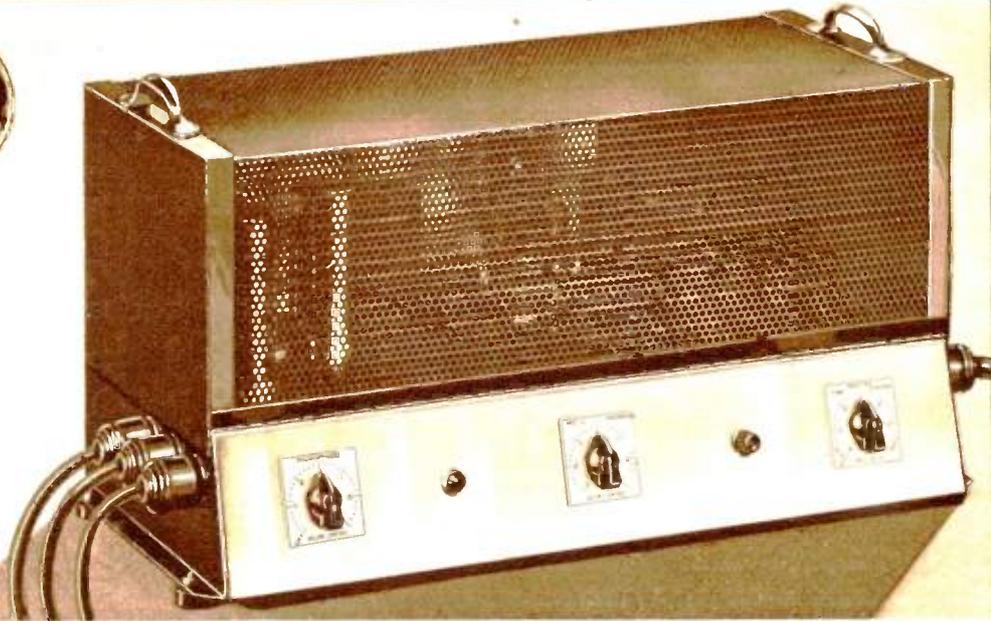


# Radolek 35 WATT Deluxe



## Use Crystal Microphones

in installations where microphone is subject to unusually hard usage. These mikes give excellent reproduction of either Voice or Music but are more subject to acoustical feed back than Velocity type. Can be used with up to 150 feet of cable to amplifier without intermediate transformers or pre-amplifiers. The Crystal Mike is the finest microphone for all-around use. Very sensitive. Ruggedly constructed.



## FOR 2 CRYSTAL OR VELOCITY MICROPHONES

★ Built-In Complete Mixer and Fader ★ Hi-Lo Control ★ Plug-in Input and Output ★ Two High Gain Channels ★ One Low Gain Channel ★ 4 Stages ★ 30 Watt Speaker Field Supply ★ Tapped Output ★ Two Separate Volume Controls for Microphone ★ Volume Control for Phono-Radio ★ New "Beam" Type 6L6 Tubes for Economical, Powerful Output.

### 1937 Engineering

An absolutely new 35-Watt Hi-Gain Hi-Fidelity Public Address Amplifier combining a Crystal or Velocity Microphone Preamplifier, Mixer and Fader—30-Watt Speaker Field Supply—Tapped Output Transformer—and Power Amplifier—Five Units all self contained in one single chassis. In addition, Amplifier comes supplied with the EXCLUSIVE RADOLEK HILO TONE CONTROL. This combination of features is not found in any other 35-Watt Amplifier at this low money-saving price. Built up to a high standard of quality, this Amplifier incorporates every feature for completeness and simple operation. No other Amplifier offers you so much quality, so much power, so much "plus" value for your amplifier dollar. Check these following features.

### New "Beam Power" Tubes

Two of the new super-powered 6L6 "Beam Type" tubes have been incorporated in this Amplifier providing greater undistorted power output than previously obtainable. These tubes have a peak output of over 70 watts, assuring you practically distortionless output when operated at 35 watts.

### Huge Sound Coverage

35 Watts Undistorted Power supplies clearly understood voice and true-toned music to an indoor audience up to 15,000 people or over an outdoor area up to 35,000 square feet. 35 Watts Peak Power—Two Hi-Gain Channels—One Low Gain Channel—Phono Radio Input—Complete Mixing and Fading—Positive Volume Control for each channel—Perfect Hi-Lo Tone Control—Field Supply for Three Giant Speakers—Complete Output Selection—Preamplifier for Crystal or Velocity Microphones—All combined in one perfectly functioning unit that is built to stand up under the most severe conditions.

### Complete Mixer and Fader

Built into Amplifier as integral part. The three Input Channels are so interconnected that complete "mixing" or "fading" between any of them can be accomplished at any volume level desired. . . . Enables a voice announcement to be super-imposed on a musical background, mixing of two Microphones using one for Singer, the other for Orchestra, etc.

### Exclusive Sloping Panel

Distinctive style! Professional appearance! Mirror-like brilliant chrome finish sloping panel in pleasing contrast to the Rich Baked-on Black Enamel Chassis. Frosted Aluminum control Indicator Plates. New Style Bar Type Knobs.

### High Fidelity Reproduction

The EXCLUSIVE RADOLEK HILO TONE CONTROL provides instant positive selection of tone to perfectly match any acoustical requirement. Either low or high frequencies can be attenuated as desired. This feature is particularly valuable for installations which must fit every type of speaker, singer, or orchestra, and hall. Accentuating the highs makes speakers voices far easier to understand. Cutting down the bass will often provide highly satisfactory reproduction in halls where ordinarily unfavorable acoustics build bass so strong that voices are nearly undistinguishable. Accentuating bass response will make a high pitched voice sound more pleasing.

### Easy to Connect and Operate

Radolek amplifiers and systems are particularly designed for simplicity. "Laboratory-made" polarized plug and socket connectors make it impossible to make wrong connections. Controls are plainly marked. Complete instructions are included. It is only necessary for you to plug in microphone and speakers, turn on the A.C. Current Switch and you are all set to broadcast.

### Prices of 35 Watt Amplifier Only

K15035—Factory Wired, Laboratory Tested, Completely enclosed as illustrated, Less Tubes. **\$39<sup>50</sup>**  
List Price, \$75.00.  
YOUR PRICE .....

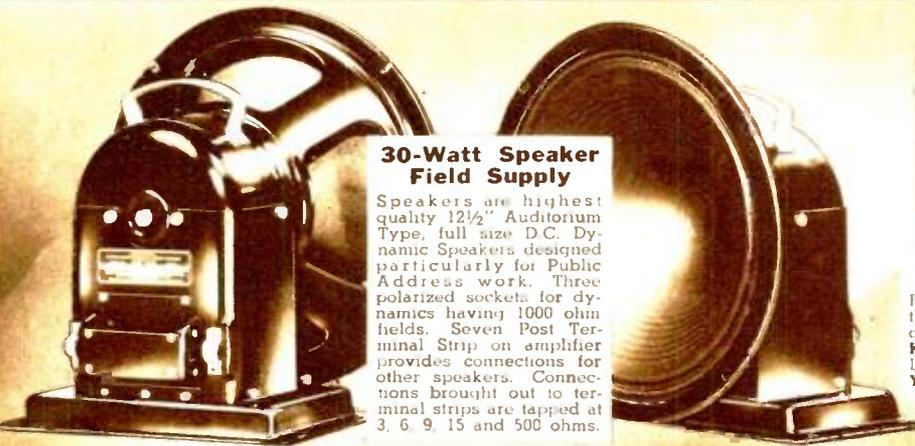
K15036—With seven Sylvania matched tubes. 1-76, 1-79, 2-6C6's, 2-6L6's, 1-83. **\$43<sup>95</sup>**  
List Price, \$84.50.  
YOUR PRICE .....

35 Watt Hi-Gain Amplifier Showing View with Metal Shield Removed



Split Speaker Housing For Portable Installations. K15823—List Price, \$18.25  
YOUR PRICE ..... \$8.95  
(See Page 129 for Description)

# PUBLIC ADDRESS System

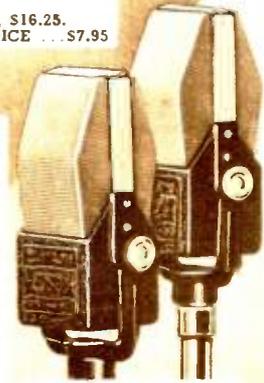


### 30-Watt Speaker Field Supply

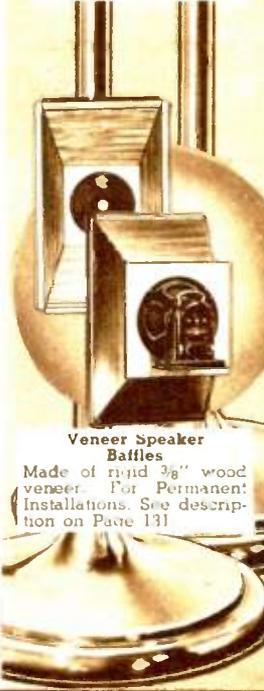
Speakers are highest quality 12½" Auditorium Type, full size D.C. Dynamic Speakers designed particularly for Public Address work. Three polarized sockets for dynamics having 1000 ohm fields. Seven Post Terminal Strip on amplifier provides connections for other speakers. Connections brought out to terminal strips are tapped at 3, 6, 9, 15 and 500 ohms.



**Amplifier Carrying Case**  
For Portable Installations. See Description on Page 129.  
**K15827—**  
List Price, \$16.25.  
**YOUR PRICE ... \$7.95**



Use Ribbon-Velocity Microphone for best quality Music or Voice reproduction. High Impedance Type as supplied with system can be used with up to 150 feet of microphone cable without intermediate transformer or pre-amplifier. Low impedance type can be used up to 2000 feet from amplifier by using a coupling transformer.



**Veneer Speaker Baffles**

Made of rigid ¾" wood veneer. For Permanent Installations. See description on Page 131

## THE COMPLETE AMPLIFIER SYSTEM

Suitable for use where an extra large amount of power or coverage is required. For Large Dance Halls—Fairs and Tent Shows—Large Auditoriums—Stadiums and Armories—Convention Halls—Athletic Fields—Ball Parks—Race Tracks—Large Sound Trucks and Skating Rinks—this is an ideal system for permanent installation. Will increase the entertainment value and enjoyment of any event.

### The Entire Group of Units

Illustrated here may be purchased together if you want to be sure of obtaining the correct component parts for high class installation. These units are "matched" by our Engineers to work perfectly together so that you may have an installation that will operate perfectly and be a money-making advertisement for you.

### Amplifier Specifications

- 35 "Undistorted" Watts, Class "A Prime" Power Output, (R.M.A. Rating) to speaker voice coils. 45 Watts peak output.
- Supplies 30 Watts Field Current for 1000 ohm speaker field coils (enough for three large dynamics.) Plug in and Binding Post connections provided for one, two or three speaker fields. (Built in field supply eliminates necessity of using A.C. operated Speakers. Saves you a lot of money.)
- Four Stages with seven Tubes; 2-6C6's, 1-79, 1-76, 2-6L6's, 1-83.
- 130 D.B. usable Gain for Microphones. 80 D.B. Gain for Phono or Radio.
- "Hi-Fidelity" Tone, Practically Flat Frequency Characteristic Curve within 1 D.B. from 40 to 9,000 cycles.
- Three Input Plug-in connections. Two for Crystal or High Impedance Velocity Microphones and One for Phonograph or Radio.
- Separate Volume Controls for each Microphone.
- Volume Control for Phono or Radio.
- Complete Mixing and Fading System.
- Hi-Lo Tone Control and On-Off Switch Combined.
- Etched Metal Indicating Plate under each control.
- Three Speaker Plug-in Output connections.
- Output Impedance Tapped at 3, 6, 9, 15 and 500 ohms. Connections brought out to bakelite strip with values engraved at each binding post. 500 Ohm connections also brought out to output sockets.
- Only .003 volts input signal required to obtain maximum output.
- Extraordinary Low Hum Level. .1 of 1% of Total Output.
- Power consumption 180 Watts.
- Power supply required, 105-120 volts, 50-60 cycle A.C.
- Ruby Pilot Light Indicates when power is on.
- Ten-foot super service power connection cord with unbreakable rubber attaching plug.
- Easily accessible, quickly renewable concealed fuse in power supply.
- Bottom protecting plate with four rubber feet entirely encloses base.
- Ample provision for ventilation.
- Front panel Triple Chrome Plate balance of chassis finished in Rich Baked on Black Enamel.
- Overall height 8½"; Base width 9"; Length 20". Height 2¾".
- Net weight, 88 lbs. Shipping weight 50 lbs.

### 35 WATT P.A. SYSTEM

For use on 105-120 Volt, 50-60 Cycle A.C.

#### Complete Equipment Includes

- AMPLIFIER:—4-Stage, 35 Watt A.C. incorporating Input Control Unit with Microphone Volume Controls, Phono-Radio Volume Control and Hi-Lo Tone Control.
- MICROPHONE:—Diaphragm Crystal or Ribbon Velocity as selected.
- FLOOR STAND:—Fully adjustable. Chrome finished Microphone Floor Stand allows microphone to be used at 26¾ in. height on table or up to 67½ in. height on floor.
- TUBES:—Set of Seven Matched Sylvania Tubes including 2-6C6's, 1-79, 1-76, 2-6L6's, 1-83.
- SPEAKERS:—Two Giant Auditorium Type Highest Quality 12½" D.C. Dynamic Speakers. Equipped with 1000 ohm fields and line matching transformers to match output of Amplifier.
- MIKE CABLE:—50 feet of Best Quality Shielded Rubber Covered Crystal Microphone Cable.
- SPEAKER CABLE:—100 feet of Best Quality 4-Wire Heavy Duty Rubber Covered Cable to connect speakers.

35 Watt System complete with one Diaphragm Type Crystal Microphone as described above. **\$85.50**

K15037—List Price, \$175.00

YOUR PRICE .....

35 Watt System complete with one V-2 Radolek Ribbon-Velocity Microphone as described above. **\$92.85**

K15038—List Price, \$187.50

YOUR PRICE .....

### Accessories for These Systems

Diaphragm Type Crystal Microphone complete with 50 feet of Best Quality Shielded Rubber Covered Cable with plug and Floor Stand adjustable up to 68 inches. **\$19.95**

K15090—List Price, \$35.00

YOUR PRICE .....

Radolek V2 Velocity Microphone complete with 50 feet of Best Quality Shielded Rubber Covered Cable with plug and Floor Stand adjustable to up to 68 inches. **\$27.44**

K15091—List Price, \$47.50

YOUR PRICE .....

Speaker Baffle, Flare Type for permanent installations, sturdily constructed of ¾" plywood. Size 30"x18"x14" deep. **\$3.95**

K15162—List Price, \$7.00

YOUR PRICE .....

### A Complete System

Built up to a high standard of quality and not down to a price. 35 Watt Sound System incorporates every feature for completeness, convenience and simple operation that the ingenuity of highly skilled Engineers could devise. You can depend on Radolek Amplifiers for long trouble free satisfactory performance.

World Radio History

THE RADOLEK COMPANY

# 50-60 WATT "Beam Power"

## OUR LARGEST • MOST

### A GIANT AMPLIFIER SUPPLYING GIANT POWER

#### Finer Than the Finest

The newest! Most complete! The Best! The "top"! The supreme performer of the 50-60 Watt class. Powerful performance, realistic, true tone and long dependable service . . . at a reasonable price. Years ahead in engineering construction and principles. Incorporates the NEW TYPE 6L6 "BEAM POWER" TUBES in push-pull affording 60 usable watts at extreme economy. Specially designed for use where an extra large amount of power or coverage is required. Perfect tone reproduction and super-power handling capacity make this the finest Public Address System for Huge Crowds—Large Auditoriums—Athletic Fields—Dance Halls—Airports—Race Tracks—Multi-Speaker Installations—and hundreds of other uses. Powerful 50-60 Watt output supplies clear life-like tone over an outdoor area of 65,000 sq. ft. or an indoor audience up to 25,000 persons. Designed, manufactured and tested in our own plant . . . every detail carefully handled by a qualified Sound Engineer . . . this amplifier can be depended upon to out-perform any other 50-60 Watt System. Absolutely the "Top" in sound performance.

#### 1937 "Plus" Features

The following features all combined in one simple unit provide a compactness, performance and simplicity of operation that no other amplifier, anywhere, can equal. ★ Five Input Channels: 4 Hi Gain, 1 Low-Gain ★ Separate Volume Control for all inputs ★ Master Volume Control regulates volume of all inputs at once ★ Complete "Built-In" Mixing and Fading system for all inputs ★ 5 Plug-In Sockets for input connections ★ 4 Plug-In Sockets for Dynamic Speakers ★ Exclusive Hi-Lo Tone Control ★ 40 Watts of Speaker Field Supply ★ Built-In Pre-Amplifier ★ Tapped Output Transformer ★ Volume Level Indicator ★ Heavy, solid 16 gauge steel chassis with full welded corners ★ Carefully engineered every part top quality, built to stand up for years under the most severe operating conditions.

#### Price of 50-60 Watt Amplifier Only

K15045—Factory wired, Laboratory tested, completely housed as illustrated. Less tubes.

List Price, \$110.00.

**YOUR PRICE** . . . . .

K15046—With Eleven Sylvania Matched Tubes, including 4-6C6's, 2-7D's, 1-6A6, 2-6L6's, 1-83, 1-80.

List Price, \$124.00.

**YOUR PRICE** . . . . .

**\$59<sup>40</sup>**

**\$66<sup>25</sup>**

#### High Fidelity Reproduction

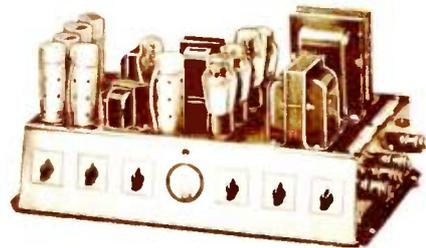
Incorporates the Exclusive Radolek Hi-Lo Tone Control, provides instant positive selection of tone that perfectly matches any acoustical requirement. Either low or high frequencies can be attenuated as desired. This feature is particularly valuable for installations which must fit every type of speaker, singer, orchestra, and hall. Accentuating the highs makes speakers, voices far easier to understand. Cutting down on bass will often provide highly satisfactory reproduction in halls where ordinarily, unfavorable acoustical build-ups so strong that voices are nearly undistinguishable. Accentuating bass response will make a high pitched voice sound more pleasing to the ear, will bring out the low notes so desirable in reproducing organ music, and will often assist in eliminating acoustical feed-back.

#### Easy to Connect and Operate

Radolek amplifiers and systems are particularly designed for simplicity. You can install them easily and quickly. "Laboratory-made" polarized plug and socket connectors make it impossible to make wrong connections. Controls are plainly marked. Complete instructions are included. If it is only necessary for you to plug in microphone and speakers, turn on the A.C. Current Switch and you are all set to broadcast.

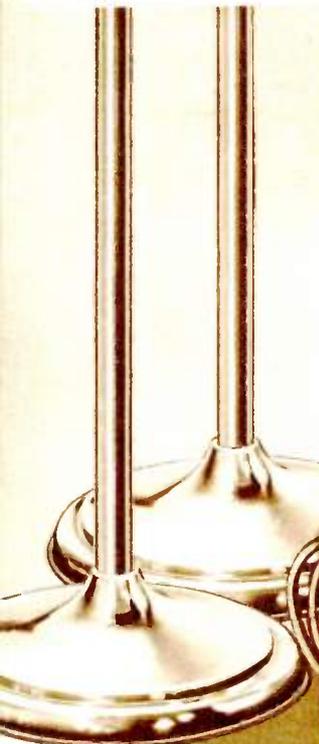
#### Chromium Sloping Panel

Distinctive style! Professional appearance! Fat and attractive and impressive! Mirror-like brilliant chromium finish sloping panel in pleasing contrast to the Rich Baked-on Black Enamel Chassis. Fronted Aluminum control Indicator Plates. New Style Bar Type Knob. 50-60 Watt Hi-Gain Amplifier Showing View with Metal Shield Removed.



Crystal Microphones

Use Crystal Microphones in installations where microphone is subject to unusually hard service. These Mikes give excellent reproduction of either Voice or Music but are more subject to acoustical feedback than Velocity type. Can be used with up to 150 feet of low loss cable to amplifier without intermediate transformers or pre-amplifiers. Ideal for portable installations. Rugged construction permits more than ordinary abuse.



# Hi-Gain P. A. AMPLIFIER

## POWERFUL SOUND SYSTEM

FOR ALL GIANT SPORTING EVENTS, DANCES, ETC.

Operates 4 Crystal or Velocity Mikes and Phono-Radio

### Matched Units for Operation

The entire group of units illustrated here may be purchased together if you want to be sure of obtaining the correct component parts for a high class installation. These units are "matched" by our engineers to work perfectly together so that you may have an installation that will operate perfectly and be a money making advertisement for you.

All apparatus is of quality construction . . . guaranteed by Radolek to perform perfectly . . . you can depend on Radolek Amplifiers.

### 50-60 Watt Deluxe System

Complete Equipment Includes

AMPLIFIER: 4-Stage, 50-60 Watt A.C. operated P.A. Amplifier incorporating input control unit with separate volume control for Four Microphones and Phono-Radio; Hi-Lo Tone Control; Speaker Field Supply.

MICROPHONE: High Quality Diaphragm Type Crystal or Ribbon-Velocity Microphone gives excellent results when used on voice or music.

FLOOR STAND: For Microphone can be extended from 27" to 65". Good quality, heavily weighted. Will not tip over easily.

TUBES: Matched set of Eleven Sylvania Tubes including 4-6C6's, 2-7Z's, 1-6A6, 2-6L6's, 1-83, 1-80.

SPEAKERS: Three 12½ inch Giant Auditorium Type Finest Quality D.C. Dynamic Speakers, 1000 ohm fields each obtain 10 Watts field supply from amplifier.

MIKE CABLE: 50 feet of Best Quality Shielded Rubber Covered Cable for microphone.

SPEAKER CABLE: 150 feet of Best Quality Four-Wire Heavy Duty Rubber Covered Cable for connection of speakers to amplifier.

All Cables are connected before shipment.

Price 50-60 Watt System

50 Watt Public Address System complete as described with one Diaphragm Type Crystal Mike \$5047—List Price, \$242.00.  
**YOUR PRICE**

**\$122<sup>50</sup>**

50-60 Watt Public Address System complete as described with one Radolek V-2 Velocity Microphone.  
K15048—List, \$254.50.  
**\$129<sup>75</sup>**  
**YOUR PRICE**

Veneer Speaker Baffles  
Made of rigid ¾" wood veneer. For Permanent Installations. See Page 131.

### Amplifier Specifications

- 50-60 Watts "Undistorted Power Output, (R.M.A. Rating), 75 Watts peak output.
- Supplies 40 watts field current for 1000 ohm speaker field coils. Enough for 4 large dynamics.
- Speaker supply available on binding post strip as well as at plug-ins.
- 4 stages, eleven tubes: 4-6C6's, 2-7Z's, 1-6A6, 2-6L6's, 1-83, 1-80.
- "Hi-Fidelity" Tone. Practically Flat Frequency characteristic curve within 1 db. from 40 to 9,000 cycles.
- 135 db. usable gain for microphones.
- 5 Input plug-in connections.
- Separate volume control for each microphone.
- Volume control for phono or radio.
- Mixing and Fading system for all inputs.
- Hi-Lo Tone Control and A.C. switch combined.
- Output Impedance Tapped at 2, 4, 8, 16, and 250, 500, 1000 ohms. 250, 500, 1000 ohm connections brought out to output sockets.
- Volume Level Indicator.
- Only .002 watt input produces maximum output.
- Hum level only .1 of 1% of total output.
- Power consumption 185 watts.
- Operates on 110 volts, 50-60 cycles A.C.
- Ruby Pilot Light indicates power is on.
- 10 ft. super service power connection cord with unbreakable attachment plug.
- Overall ht. 11" base 11½" x 21½", ht. 41½".
- Net Weight, 39 lbs. Shipping weight, 52 lbs.

### Additional Equipment

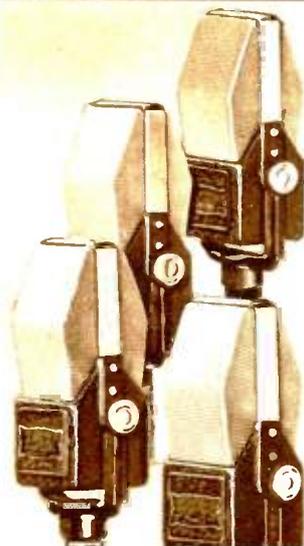
K15090—Diaphragm Type Crystal Microphone complete with floor stand, 50 feet of Best Quality rubber covered shielded cable, and connecting plug.  
List Price, \$35.00.

**\$19<sup>95</sup>**

K15091—Radolek V-2 Velocity Microphone complete with floor stand, 50 feet of Best Quality shielded rubber covered microphone cable and connecting plug.  
List Price, \$47.50.  
**\$27<sup>44</sup>**  
**YOUR PRICE**

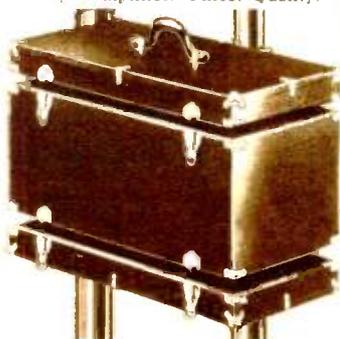
K15092—12½" Heavy Duty Auditorium Type Dynamic Speaker as supplied with system complete with 50 feet of 4 wire rubber covered heavy duty cable and connecting plug.  
List Price, \$27.00.  
**\$11<sup>95</sup>**  
**YOUR PRICE**

EXTRA CABLE can be supplied for speakers or microphones at 6c PER FOOT.



### Ribbon-Velocity Mikes

Use Ribbon-Velocity Microphone for best quality Music or Voice reproduction. Directional characteristic helps eliminate acoustical feedback and background noises. High impedance type as supplied with system can be used direct with up to 150 feet of Microphone cable to amplifier without intermediate transformer or pre-amplifier. Finest Quality.



Amplifier Carrying Case For Portable Installations. See Description on Page 129.

K15827—List Price, \$16.25.  
**YOUR PRICE** . . . . . \$7.95

### 40-Watt Speaker Field Supply

Speakers are highest quality 12½" Auditorium type, full size D.C. Dynamic Speakers designed particularly for Public Address work. Four polarized sockets or a Seventeen Post Terminal Strip on amplifier provide connections for speakers. One, two, three, or four Speakers can be used as desired without changing internal wiring of Amplifier. Connections brought out to terminal strips are tapped at 2, 4, 8, 16 ohms for connection to speaker voice coils and 250, 500, and 1000 ohms for long line or Magnetic speaker connections. Speaker field supply incorporated in amplifier is for 4 Dynamic Speakers using 1000 ohm fields.

World Radio History

THE RADOLEK COMPANY

# 5 WATT

# RADOLEK "Junior" PUBLIC ADDRESS AMPLIFIER

For 105-120 Volt 50-60 Cycle A. C. Operation

- ★ Class "A". ★ Two Stages. ★ Volume Control
- ★ Tone Control. ★ Plug-In Input and Output
- ★ Speaker Field Supply. ★ High Impedance Input

• Particularly Recommended for Small Low Priced Installations Such as: Small Call Systems, Inter-Communicating Systems, Store Advertising, Small Auditoriums, Clubrooms, Telephone Boosters and to cover small gatherings where the speaker's voice needs help in covering the entire audience. The ideal Amplifier for speedy simple installations.

### For Carbon Mike

A new modern inexpensive 5-Watt Amplifier with exceptional power and unusually fine tone quality. For Use with Carbon Microphone. This Radolek Amplifier although priced low was designed by the same engineers, built of the same quality parts and with the same care as the most expensive Radolek amplifiers. At maximum power, provides excellent coverage for indoor Audiences of from 500 to 1000 people or over an outdoor area of from 3000 to 5000 square feet. Installation is simple, easy and fast . . . just a few minutes required. You don't have to be a Sound Engineer to hook-up Radolek Amplifiers. All connections are polarized plug-ins. Anyone can operate this Amplifier. All operating and installation information is included. This Radolek Junior Amplifier is offered complete in a popular low-priced Sound System suited for small installations and for limited coverage.

### 5 Watt "Junior" P.A. System Complete Equipment Includes:

2-stage, 5-Watt 2B6 Amplifier—A good quality Double Button Carbon Microphone—Microphone Desk Stand complete with eight suspension springs—Double Button Microphone Transformer—4½ volt tapped "C" battery for mike current—8½ in. 2500 ohm field D.C. Dynamic Speaker with output Transformer—Set of Three Matched Sylvania Tubes; 1-57, 1-2B6, and 1-80—20 feet of 2-Conductor Shielded Microphone Cable—10 feet of single conductor shielded Cable with pin tips—30 feet of 3-Conductor Speaker Cable with Polarized Plug.

### Price of 5 Watt System Complete Ready to Install

K15017—Complete 5 Watt System as described.  
List Price, \$40.50.

**YOUR PRICE**  
**\$ 19<sup>75</sup>**

### Specifications

1. 5 watts power to speaker voice coils. Field current for 2500 ohm field speaker.
2. 2 stages with 3 tubes: 1-57, 1-2B6, 1-80.
3. 70 D. B. gain at 1000 cycles.
4. Frequency characteristic curve flat within 1 D. B. from 40 to 9000 cycles.
5. Master volume control with etched metal indicating plate.
6. Combination Tone Control and A. C. power switch with etched metal indicating plate.
7. Output impedance 5000 ohms.
8. Input impedance ½ meg. across volume control.
9. Plug-in input and plug-in output.
10. Only 0.4 volts input signal required for maximum output.
11. For Carbon Mike operation.
12. Hum level .08 of 1% of total output.
13. Power consumption 55 watts.
14. Power supply 105-120 volts 50-60 cycle A.C.
15. 3-foot Super Service power cord with unbreakable rubber attaching plug.
16. Bottom protecting plate with four rubber feet entirely encloses base.
17. Rich baked-on black enameled finish.
18. Overall height, 7½"; base size 2½" high, 11" long, 3" wide.
19. Net wt. 7 lbs. Ship. wt. 10 lbs.

### Price of AMPLIFIER Only

K15015—Factory wired, laboratory tested without tubes.  
List Price, \$17.00.

**YOUR PRICE** . . . . . **\$8<sup>95</sup>**

K15016—With three Sylvania matched tubes, 1-57, 1-2B6, 1-80.  
List Price, \$24.00.

**YOUR PRICE** . . . . . **\$10<sup>85</sup>**

Schematic wiring diagram and complete instructions for operation are included with each Amplifier.

*You Can Depend on Radolek Amplifiers*



### Hand Microphone

System as described above except with Kellogg single button Hand Microphone instead of two button mike and stand illustrated above.

K15018—List Price, \$36.00  
**YOUR PRICE** . . . . . **\$17.50**

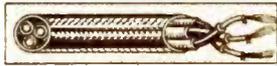


# Belden Cables

**For Microphones, Public Address Installations and Analyzers**

Extraordinary High Quality Cable. Made by "Belden" one of the largest wire manufacturers, noted for the quality of their products. In making up specifications for this cable the exacting demands of Public Address use have been kept in mind. Only the best quality pure copper wire and the highest grade insulating materials

are used. The construction of these cables eliminates all possibility of chafing between the single conductors or shield and insures the longest possible life. This cable is far superior and is not to be compared with inferior merchandise offered at lower prices. No finer cable is made.

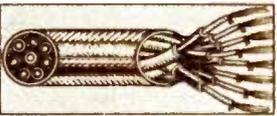


## Glazed Braid Overall

Particularly recommended for Connection of Magnetic and Dynamic Speakers on Indoor Installations where a cable will not be subject to wear. Also for use as battery cables.

Each conductor size 20 (10 strands No. 30) tinned copper wires, paper wrapped for flexibility and quick soldering, 1/64" rubber insulated and lacquered braid covered. Each covering is distinctively colored for easy tracing. Individual conductors are cabled together and covered with brown glazed braid overall. Very Flexible.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16500	1	8c	\$0.50
K16501	2	18c	1.47
K16502	3	29c	2.53
K16503	4	38c	3.17
K16504	5	44c	3.82



## Analyzer Cable

6, 7, 8 and 9 Conductor

Has Two Heater Leads of size 16 Stranded Tinned Copper Wire. Balance of conductors are size 20. All conductors are paper wrapped for flexibility and quick soldering, covered with a 1/64" rubber insulation, and a lacquer dipped cotton-coded cotton braid. Individual conductors are cabled together with a jute filler center and are covered overall with a glazed brown braid. The flexibility and long life of the cable are greatly increased by the use of the Jute Filler Center.

Stock Number	Num. Cond.	5 feet for	10 feet for	100 feet for
K16508	6	32c	60c	\$5.29
K16509	7	34c	65c	6.06
K16510	8	38c	75c	6.74
K16511	9	46c	85c	7.91



## Shielded Covering Overall

Particularly recommended for Microphone and other lines that are subject to hum pickup. Although designed primarily for indoor installations this cable is suitable for temporary outdoor use.

Each conductor size 20 of stranded tinned copper wires, paper wrapped for flexibility and quick soldering 1/64" rubber insulated and lacquered braid covered. Each covering is distinctively colored for easy tracing. Individual conductors are cabled together and covered overall with woven shield of fine size perfect copper wires. Very flexible. Perfect Electrostatic Shield.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16512	2	30c	\$2.62
K16513	3	39c	3.47
K16514	4	48c	4.23

## Pigtail Wire

K4834 - 10 foot. List Price, 35c. **YOUR PRICE \$20c**

A braided wire cable made up of very fine threads of copper wire, which gives it extreme flexibility. Use it to avoid high frequency resistance losses.



## Rubber Jacket Overall

Particularly recommended for Speaker Lines for Indoor or Outdoor Installations where cables will be subjected to wear and moisture.

Two and three conductor cable size 18 (41 strands No. 34) of tinned copper wires, cotton served, 1/32" rubber insulated. Four and five conductor cable of 2 size 16 (26x30) and balance size 20 (10x30). Individual conductors are cabled together with a jute filler cotton served and enclosed in outer waterproof super-service rubber jacket overall. An extremely flexible and rugged cable that will withstand severe wear.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16515	2	26c	\$2.21
K16516	3	35c	3.04
K16517	4	44c	3.77
K16518	5	59c	4.79



## Woven Shield Covered With Rubber Jacket Overall

This cable is recommended for Theater, and Outdoor Service on P. A. Systems, as Microphone Cable, Extensions, etc. The Finest Cable made. Very Flexible. Will stand hardest use.

Each conductor size 20 (26 strands No. 34) of tinned copper wires cotton served and 1/64" rubber insulated. Each covering is distinctively colored for easy tracing. Individual conductors are cabled together, cotton served, and covered overall with close woven shield of the fine size tinned copper wire. Over shield is another cotton served and an outer super-rubber rugged jacket providing a waterproof practically wear-proof covering.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16521	2	46c	\$3.94
K16522	3	49c	4.23
K16523	4	64c	5.35
K16524	6	88c	6.47
K16525	7	87c	7.62
K16526	7	98c	8.32



## New Improved Low Loss Crystal Mike Cable

Woven Shield Covered with Rubber Jacket Overall

Particularly designed for use with Phonograph Microphones. Absolutely essential where long lines are necessary but practical for use wherever an extremely Low Loss and Low Capacity cable is needed. Single conductor consists of 13 strands No. 36 tinned copper wire, two serves of Celanese, six braids of Celanese, four braids of cotton thoroughly wax impregnated. Covered overall with close woven shield of the size tinned copper wire. Over shield is a heavy live rubber outer jacket, providing a waterproof and practically wear-proof covering. Outside diameter only 1/4". Very Flexible and Rugged.

K16527 - 10 feet for **39c**  
100 feet for **\$3.18**

### Two Conductor

K16528 - Same as above except designed for use with crystal microphones used with amplifiers equipped with a push pull input stage. Outside diam. 3/8". **YOUR PRICE, 10 ft. for 78c**  
100 feet for **\$6.20**

# Special Value Radio Cables

Individual conductors are size 18 (16 strands No. 30) tinned copper wires, 1/64" rubber insulated. All leads are distinctively color coded for easy tracing. Cables are listed for practically every application and are made to withstand the ordinary abuses to which

cables are subjected. Made of good materials and are excellent values at these low prices. Not equal in construction or in quality to the "Belden Quality Cables" listed elsewhere on this page. Excellent values at these low prices.



## Lead Sheathed Wire

Size 18 single conductor made up of tinned copper wire strands with 1/8 inch rubber wall, over which is a 1/8 inch lead sheath.

The only absolutely perfectly shielded wire. Necessary for best results on Low Voltage transmission lines when used in locations near ignition systems for oil-burning furnaces, X-Ray and Electrotherapy high frequency apparatus and other similar devices generating intensive interference. May be used under-ground or in water. Will also improve reception on Auto Radio Sets when used in primary circuits of spark-coil. Overall diameter about 3/8 inch.

K4835 50 foot coil **\$1.25**

K4836 100 foot coil **\$2.18**  
**YOUR PRICE**



## 2 and 3 Conductor Lead Sheathed Wire

Two and three conductor cable of the same specifications of the single wire listed above covered with 1/8 lead sheathing. A necessity for theatre speaker extension, permanent outdoor installations and all other work where freedom from interference is necessary. Waterproof and weather proof. Completely electrostatic shielded. Recommended as replacement for exposed wiring feeding small motors or light equipment. Eliminates primary radiation.

2 Conductor  
K4837 50 ft. coil **\$2.35**  
**YOUR PRICE**

K4838 100 ft. coil **\$3.95**  
**YOUR PRICE**

3 Conductor  
K4839 50 ft. coil **\$4.95**  
**YOUR PRICE**  
K4840 100 ft. coil **\$8.75**  
**YOUR PRICE**

## Handy Center-Rip Lamp Cord



New flexible rubber jacketed two conductor cord. Splits exactly down the center when pulled apart leaving two perfect separate conductors. Conductors are size 18 stranded copper wires with a cotton wrap and individual solid rubber coverings. No trace of oil. Will outwear practically any lamp cord on the market. Easily cleaned - smooth finish.

Stock Number	Color	10 feet for	100 feet for
K16533	Black	<b>15c</b>	<b>\$1.15</b>
K16534	Brown		
K16535	Green		
K16536	Ivory		

## Replacement All-Rubber Power Supply Cords



For replacement on radios, lamps, fans, etc. Waterproof, washable, knifless 7/2 foot long rubber cord with one-kable soft rubber plug attached to one end. Wires on other end are already stripped and tinned, easy to attach. Underwriters' Approved.  
K4415 Black List Price, 30c.  
K4416 Brown **YOUR PRICE**  
K4417 Ivory  
K4418 Grey **18c EACH**  
K4419 Green **10 for \$1.75**

## Glazed Braid Overall



Individual conductors are cabled together and covered with brown glazed braid overall.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16570	1	6c	\$0.52
K16571	2	16c	1.30
K16572	3	23c	2.10
K16573	4	29c	2.75
K16574	5	37c	3.30
K16575	6	42c	3.85
K16576	7	48c	4.10
K16577	8	58c	5.10

## Shielded Covering Overall



Individual conductors are cabled together and covered overall with woven shield of tinned copper wires.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16578	2	20c	\$1.74
K16579	3	29c	2.38
K16580	4	38c	3.20
K16581	6	55c	4.58
K16582	7	66c	5.50

## Rubber Jacket Overall



Individual conductors are cabled together and enclosed in outer waterproof rubber jacket overall.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16585	2	27c	\$2.35
K16586	3	32c	2.93
K16587	4	44c	3.60
K16588	5	55c	4.60
K16589	7	75c	6.23
K16590	8	88c	7.33

## Woven Shield Covered With Rubber Jacket Overall



Individual conductors are cabled together and covered over all with woven shield of tinned copper wire. Over shield is an outer heavy rubber jacket.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16591	2	28c	\$2.45
K16592	3	37c	3.10
K16593	4	50c	4.12
K16594	5	63c	5.04
K16595	6	70c	5.95
K16596	7	80c	6.69

## Cotton Lamp Cord Twisted Pair



Suitable for a great variety of electrical wiring applications. Each conductor size 18 stranded copper wires, cotton served, and rubber insulated. Tightly woven cotton braid with tracer over insulation. Underwriter's Approved.

With 1/32" Rubber Insulation  
K16537-Green and Yellow.  
K16538-Black.  
**YOUR PRICE, per 100 ft. \$1.45**

With 1/64" Rubber Insulation  
K16539-Green and Yellow.  
**YOUR PRICE, per 100 ft. \$1.17**

# CRYSTAL and CARBON MICROPHONES

## New ASTATIC

### Double Diaphragm Crystal Microphones

K10000—List Price, \$22.50.  
YOUR PRICE **\$13.23**

An improved type of Crystal Microphone embodying refinements in design which make it superior to previous microphones of its type. The two diaphragms applied to back and front of Crystal have a push pull action giving an exceptionally flat frequency response over the entire audio range. Has non-directional characteristics. Case construction is such that distortion from cavity resonance and pressure doubling is reduced to a minimum. Output level is —60 D.B. Microphone can be mounted directly on mike stand without use of suspension springs or ring. Mounting Socket is threaded to fit  $\frac{1}{8}$ " pipe thread. Adaptor is also supplied to fit Microphone to stands having  $\frac{5}{16}$ "-27 male thread. If desired suspension hooks which are furnished can be used to mount mike in regular suspension ring. Housed in strong handsome chromium plated metal case. 3" diameter, 1" thick, overall height with mounting ring  $3\frac{1}{2}$ ", net weight 1 $\frac{3}{4}$  lbs. Comes complete with 8 ft. rubber covered shielded cable. Shipping weight 2 $\frac{1}{4}$  lbs.



### Hand Microphone

Double diaphragm type as above but with Chromium plated handle with "Push to Talk" Switch.  
K10001—List Price, \$25.50.  
YOUR PRICE **\$15.00**

### ASTATIC Watch Case Double Diaphragm Crystal Microphone

K10002—List Price, \$25.00.  
YOUR PRICE **\$14.70**

A compact size Crystal Microphone well suited to all types of Public Address Installations. Particularly recommended for installations in which Microphone must be as inconspicuous as possible. Non-directional, will give excellent results on either voice or music. Frequency response is flat from 20 to 5500 cycles with a slightly rising characteristic up to 10,000 cycles. Output level —64 D.B. Size 2 $\frac{1}{2}$ " Dia.,  $\frac{5}{16}$ " thick. Polished Chromium Finish. For  $\frac{5}{16}$ "-27 thread Stand Mounting. Comes complete with 8 ft. rubber covered shielded cable. Net wt. less cable 9 ozs.

### Hand Microphone

Double diaphragm type as above but with Chromium plated handle with "Push to Talk" Switch.  
K10003—List Price, \$28.00.  
YOUR PRICE **\$16.46**

## Universal

### New Model XX Two Button Microphone

Stretched Diaphragm Model "XX" confirms the reputation for quality and performance that characterizes all Universal products. Every essential feature necessary to insure superior performance and long, care-free service has been incorporated in the design of this model. Only the non-essential "trimmings" have been eliminated to enable this popular price. Faithful, truly natural tone. Pure Gold Contacts. Duralumin stretched diaphragm. 200 ohms per button. Very low hiss level. Scientifically Damped. Frequency range from 100 to 4500 cycles. Ruggedly built and finished in non-corrosive, polished chrome plate. Diameter, 2 $\frac{1}{2}$  in. Overall thickness, 1 in. Made in three degrees of sensitivity: S, very sensitive; M, medium sensitive (standard) and D, highly damped. Specify type desired on your order.  
K10030—List Price, \$10.00.  
YOUR PRICE **\$5.88**

K10029—List Price, \$15.00.  
YOUR PRICE **\$8.82**

### Universal "Handi-Mike"

#### Double-Button

Highly damped hand microphone, designed particularly for uses where clarity of reproduction and portability are important requisites. Switch breaks the circuit in the center conductor. Housed in construction. No delicate parts. 200 ohms per button. Finished in polished chrome plate, equipped with a 6-ft. silk braid covered cable.

K10029—List Price, \$15.00.  
YOUR PRICE **\$8.82**



## SHURE Crystal Microphones

### Diaphragm Type

K10020—Model 70H—Two leads for Single Grid input amplifiers.

K10021—Model 1 70HP—Three leads for Push Pull input grids. Reduces hum pickup.

List Price, \$22.50.  
YOUR PRICE **\$13.23**

Excellent for use on voice or music. Gives a true response over entire frequency range. No hiss or other background noises present. Output level—60 D.B. Mike is rugged and durable. Extreme conditions of heat, cold and humidity do not impair operation. Only moderate care in handling is necessary. Microphone can be mounted directly on mike stand without use of suspension springs or ring. Mounting Socket is threaded to fit stand with  $\frac{5}{16}$  in. 27 thread. If desired, ring with mounting bushing can be removed and suspension hooks which are furnished can be used to mount mike in regular suspension ring. Housed in strong handsome chromium plated metal case. 3" diameter, 1 $\frac{1}{4}$ " thick, overall height with mounting ring  $4\frac{1}{2}$ ", net weight 1 $\frac{3}{4}$  lbs. Comes complete with 7 ft. rubber covered shielded cable. Shipping weight 2 $\frac{1}{4}$  lbs.



### Demountable Model

Same as above but furnished with Lock Type 3 contact plug and socket and cable strain release for stand mounting. Very convenient for use where it is necessary to remove mike quickly and easily from stand.  
K10022—List Price, \$25.00.  
YOUR PRICE **\$14.70**



### THE NEW SHURE "ULTRA" WIDE RANGE CRYSTAL MICROPHONES



These new microphones represent the greatest step forward in Crystal Microphone since their introduction into the Public Address Field. Incorporates a true wide range reproduction with practically flat response from 40 to 10,000 cycles. New diaphragms, improved crystals, carefully engineered cases practically eliminate cavity resonance. Output level—60 D.B. All units have  $\frac{5}{16}$ "-27 thread fitting for stand mounting. This fitting is correct for all Radolek and Shure Stands. Complete with 7 ft. low loss rubber jacketed shielded cable.

K10023—Model 700A Semi directional type has swivel which allows mounting at any angle. Size 2 $\frac{1}{2}$ " Dia. Polish chrome finish.

K10024—Model 701A Grille Type—Substantially same characteristics as 700A. Size 3 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". Chrome and Black Enamel finish.

K10025—Model 702A Spherical Microphone. Non-Directional for Pick-up from any direction. 2 $\frac{1}{2}$ " Dia. Black Enamel with Chrome Band.  
List Price, Each, \$25.00.  
YOUR PRICE, EACH **\$14.70**

## TURNER Crystal Microphone

### Cell Type

K10015—Single cell type.  
List Price, \$22.50.  
YOUR PRICE **\$13.23**

Four cell Type. Cells are connected in parallel giving higher output.  
K10016—List Price, \$45.00.  
YOUR PRICE **\$26.46**

A non-directional crystal microphone with small diaphragm mounted on crystal. Recommended for general Public Address use. Especially suited to dance orchestra or vocal music pickup. Frequency response is essentially flat from 30 to 10,000 cycles. Output level is —60 D.B. Wire screening on all four sides allows sound to pass through microphone from any direction with a minimum of interference. This type of construction practically eliminates distortion from cavity resonance and pressure doubling. Case is of polished chrome. Size 3 $\frac{1}{2}$ "x4" high and 1 $\frac{1}{2}$ " square. Has female  $\frac{1}{8}$ " pipe thread for stand mounting. Adapter is included for mounting on stands having  $\frac{5}{16}$ "-27 thread.



## Radolek Special Two-Button Microphone

### Value With Quality

K10037—**\$2.95**  
YOUR PRICE.

A fine quality double button microphone selected by us after exhaustive tests of this and other makes and offered to you as an unbeatable microphone value. Carefully constructed without frills that do not add to performance. Do not compare this with punch press microphones sold in this price class as this microphone is not a toy but a well made and carefully assembled instrument that gives long and trouble free service. Button contacts 24 Kt. gold. Frequency response 50 to 4,500 cycles. Button impedance 200 ohms total 400 ohms. Frame 2 $\frac{1}{2}$ " diameter and  $\frac{1}{2}$ " thick. Finish is highly polished chromium plate.



## Model "100" Series Electro-Voice Microphones

K10038-A Extra Sensitive for recording.  
K10039-D Std. Med. Sens.  
K10040-B Med. Damp.  
K10041-C H. Sens. as above.  
K10042-E Special Curve for Reducing Feedback.



List Price \$10.00.  
YOUR PRICE... **\$5.88**

A rugged, double-button microphone that has proven itself thoroughly reliable and gives faithful reproduction under all conditions. An inherent quality of smoothness is made possible by precision methods of manufacturing. High sensitivity, resulting from scientific damping. Carbon granules are acid treated to reduce ash content and will stand higher current values without injury and have lower background noise. Excellent for voice and can be used satisfactorily for music pick-up. Response 40 to 6,000 C.P.S. One piece buttons, pure 24 kt. gold contacts, protected diaphragm. Heavy chromium plate. A new development is offered in the Model 100E which is especially constructed to reduce acoustical feedback. Its curve extends from 40 cycles and has a very sharp cutoff at 3500 cycles. As most feedback frequencies are above this figure this microphone can be placed as close as 8 feet from speaker and give satisfactory results. This model is not recommended for music. Size 2 $\frac{1}{2}$ "x1". Weight 8 oz. Matches standard input transformer (200 ohms Per Button.)

## Universal

### Model "BB" Microphone Two Button

A superlative value for such a low price. Built to hair-line precision. An idea of the ruggedness can be obtained by the fact that Model "BB" is 3 in. in diameter by 2 in. thick. Designed especially for voice pick-up, public address work and for amateur broadcasters, experimenters, halls, ball rooms, speaker wagons, etc. Finished in beautiful, highly polished chrome plate. Extra heavy 24-Kt. Pure Gold Spot Center. Duralumin Diaphragm and has a frequency range from 70 to well over 4,500 cycles. 200 ohms per button. Owing to the large size and weight of model "BB", it is recommended that Model "L" desk stand be used for mounting instead of Model "K", especially when covers are used. Made in three degrees of sensitivity: S, very sensitive; M, medium sensitive (Standard); and D, highly damped.

K10031—List Price, \$25.00.  
YOUR PRICE **\$14.70**



## Universal Model "W"

### EDGE VIEW Perfected Watch Model Microphone

The smallest completely protected and workable single-button microphone manufactured. Highly sensitive light weight and unusually compact 200 ohms. Equipped with Pure Gold Spot Center Diaphragm, completely enclosed. 1 $\frac{1}{2}$  in. dia.  $\frac{1}{2}$  in. thick.

K10032—List Price, \$3.00.  
YOUR PRICE **\$1.76**



BACK VIEW

# RIBBON-VELOCITY MICROPHONES

## Amperite Velocity Ribbon Microphones

New Improved Models With Switch

### Model RB-S

For Speech  
**K10055**—200 ohm output.  
**K10056-RS-H**—2000 ohm output for direct to grid connection when used within 100 feet of Amplifier. List Price, \$33.00.  
**YOUR PRICE EACH** ..... **\$19.41**

A high grade ribbon microphone that compares favorably in performance to high priced studio models. No exciting current required. Free from background noises. High fidelity of tone is obtained as frequency response is flat within two D.B. between 60 and 7500 C.P.S. without peaks. Especially designed for speech but can be used very satisfactorily for music. Directional characteristic makes it possible to reduce or entirely eliminate feedback. Output is—64 D.B. Housing is acoustically correct, monomeric all cast Gun Metal finish case which provides complete shielding. "On-Off" switch is an integral part of mounting. New specially wound and shielded matching transformer practically eliminates any possibility of hum pickup. New swivel bracket enables mike to be tipped at a convenient angle for speaker. Rubber shock absorber installed between bracket and mounting fitting gives protection against jars and vibrations. Bottom of case has fitting, threaded  $\frac{5}{16}$ " 27 thread for mounting on stand. 25 ft. of shielded microphone cable included. Complete with instructions.

**Model RB-M**  
 For Music—Same as above microphone in physical characteristics but differs in electrical characteristics. Has wider frequency response being flat within 2 D.B. from 30 to 11,000 C.P.S. also includes higher grade ribbon to line transformer. Output level—60 D.B.  
**K10057**—200 ohm output.  
**K10058-RB-H**—2000 ohm output for direct to grid connection when used within 125 feet of amplifier. List Price, \$42.00.  
**YOUR PRICE EACH** ..... **\$24.70**

**Model RB-B**  
 Beam Type Microphone has been designed particularly for installations where feedback is a major problem. Angle of pickup reduced so that feedback can be prevented in practically all cases. Electrical and physical characteristics otherwise same as RB-M type above. Complete with line transformer.  
**K10059**—200 ohm output.  
**K10060-RB-HB**—2000 ohm output for direct to grid connection when used within 125 feet of amplifier. List Price, \$42.00.  
**YOUR PRICE EACH** ..... **\$24.70**

## Amperite Model RAH

**K10061**—2000 ohm output. For direct to grid connection when used within 100 feet of Amplifier.  
**K10062-RAL**—200 ohm output. List Price, \$22.00.  
**YOUR PRICE EACH** ..... **\$12.94**

For general Public Address use on either speech or music. While not quite equal in quality of reproduction to above microphones it will give very satisfactory results. Output—68 D.B. Complete with shock absorber and swivel mounting bracket. For  $\frac{5}{16}$ " 27 thread stand.

## Special Value Velocity Microphones

**K10050**—Output Level -70 D.B. Frequency response practically flat from 60 to 7500 cycles. 2000 ohm output. List Price, \$19.50.  
**YOUR PRICE** ..... **\$11.36**  
**K10051**—Output Level -68 D.B. Frequency response practically flat from 50 to 8000 cycles. 2000 ohm output. List Price, \$24.50.  
**YOUR PRICE** ..... **\$14.40**  
 Finished in chrome and black enamel. Mounting fixture threaded for  $\frac{5}{16}$ " 27 thread stand. Complete with 8 ft. rubber covered shielded cable.

## Radolek Hum Free Velocity Microphones

High Impedance type connects direct to grid input of Amplifier without intermediate coupling transformer. Particularly well adapted to High Fidelity Sound Pick-up for best quality Public Address, Recording, or Radio Broadcast Installations. No preamplifier necessary when used with a high gain amplifier of 110 DB or more. Can be used near a-c lines or within two feet of amplifier power supply with negligible hum pick-up. Transformer core made from extremely high permeability nickel alloy. Frequency response is essentially flat over the entire sound spectrum and extends from 30 to well over 10,000 c.p.s. This gives complete naturalness to speech and music. Ribbon assembly protected by an attractively formed heavy screen which allows free passage of sound and practically eliminates cavity resonance and side wall reflection. Internal self-contained, shock-proof ribbon mounting provides complete freedom from mechanical shocks. Handsomely finished in black crackle and chromium. Adjustable cradle and thumb nuts allow locking of microphone in any position desired. Supplied with 20 feet low capacity shielded rubber covered cable. Standard  $\frac{5}{16}$ " 27 mounting. Special threads and sizes on special order at no extra charge.

**MODEL V-2**—Excellent results on either speech or musical reproduction. Incorporates two 30 $\frac{1}{2}$ " Cobalt magnets. Armo pole pieces, tapered to minimize flux leakage. Output—68 DB.  
**K10043**—200 ohms impedance to match line.  
**K10044**—High impedance to feed direct to grid. List Price Each, \$35.00.  
**YOUR PRICE** ..... **\$20.58**

**MODEL V-3**—A very suitable microphone for P.A., broadcast and recording use where high fidelity is necessary but price must be considered. Extremely powerful magnetic circuit employs four 36 $\frac{1}{2}$ " cobalt magnets. Tapered Armo pole pieces. Magnets placed at ends of pole pieces allowing equalization up to 11,000 c.p.s. Output—66 DB.  
**K10045**—200 ohms impedance to match line.  
**K10046**—High impedance to feed direct to grid. List Price Each, \$50.00.  
**YOUR PRICE** ..... **\$29.40**

**MODEL V-4**—One of the finest microphones that research has evolved. For use where perfect reproduction is the prime consideration. Employs six 36 $\frac{1}{2}$ " Cobalt magnets. Output—64 DB.  
**K10047**—200 ohms impedance to match line.  
**K10048**—High impedance to match grid. List Price Each, \$75.00.  
**YOUR PRICE** ..... **\$44.10**

## KELLOGG Hand Microphone

A perfect midjet hand microphone. Sensitive, rugged—used for market reports, amateur transmitting, record recording, and on public address systems. Made by one of the oldest and foremost manufacturers of line microphones. Responds well to frequencies between 90 and 3000 cycles. Matches 200 ohm input. Operates well on 1 $\frac{1}{2}$  volts—and not over 3 volts. Draws less than 2 $\frac{1}{2}$  milliamperes average current. Phosphor bronze with gold plated contact joint diaphragm protected by fine mesh screen. Cast metal handle grounded through the plain wire in the two conductor, 18 strand, 51" lined cord. Standard size phone type. Use with regular 200 ohm microphone input transformer for vocal and musical transmission of high quality.

**K10070**—List Price, \$8.50.  
**YOUR PRICE** ..... **\$1.48**

**Microphone Stand**  
 Amazing Value! All Metal  $\frac{5}{16}$ " Microphone Ring Stand for Desk Use. For Single or Double Button Suspension Type Microphones. 8" high. Fine appearance. Fibre snap switch in base economizes on microphone current and stops unwanted conversation pick-up between numbers or announcements. Very light weight. Stamped base. Has 8 suspension springs.

**K10075**—  
**YOUR PRICE, Only** ..... **79¢**

## Radolek Special Microphone Stands

This is a new line of high grade microphone stands, made of the best materials and with finest construction throughout. We believe them to be the best values in microphone stands available today and far superior to any other stands offered at any where near Radolek's low price.

### Our Finest Floor Model

**K15260**—List Price, \$17.50.  
**YOUR PRICE** ..... **\$8.95**



The finest in workmanship and quality of materials. Attractive modernistic design. Particularly suited for High Class Broadcast and Public Address Installations. Fourteen pound Cast Base 12" diameter finished in Baked Black enamel. Rigid seamless brass two piece standard is adjustable from 40" to 72". Lower section 1 $\frac{1}{4}$ " Dia. New friction clutch allows instant raising and lowering of microphone. Clutch keeps smooth constant pressure which prevents collapsing of stand even with the heaviest velocity microphone. Entire stand finished in triple plate highly polished chrome. Comes with swivel joint coupling for microphones having either  $\frac{5}{16}$ " pipe thread or  $\frac{5}{16}$ " 27 thread fitting. No Ring or Microphone Included.

### De Luxe Floor Stand

**K15261**—List Price, \$10.00.  
**YOUR PRICE** ..... **\$4.60**

A neat and attractive floor stand built for convenience and hard usage. Nine pound 10 $\frac{1}{2}$ " diameter cast base makes stand very rigid. Seamless brass spinning covers casting. Rigid seamless brass two piece standard is adjustable from 40" to 68". New friction clutch allows instant raising and lowering of microphone. Clutch keeps smooth constant pressure which prevents collapsing of stand even with the heaviest velocity microphone. Entire stand finished in highly polished triple plate chrome. Comes with Swivel Joint coupling for microphones having either  $\frac{5}{16}$ " pipe thread or  $\frac{5}{16}$ " 27 thread fitting. No Ring or Microphone Included.



### Standard Floor Stand

**K15262**—List, \$8.50.  
**YOUR PRICE** ..... **\$3.60**

Identical construction to above stand except base is only 9" Dia. and weighs only 6 lbs. Stand includes swivel joint with coupling for microphones having either  $\frac{5}{16}$ " pipe thread or  $\frac{5}{16}$ " 27 thread fitting. Triple chrome plated. No Ring or Microphone included.



### Banquet Stand

**K15263**—List, \$3.75.  
**YOUR PRICE** ..... **\$2.21**

Height without microphone 11 $\frac{1}{4}$ " Heavily weighted base has 3 rubber feet which allow card to come out bottom. Entire stand finished in polished chrome. Complete with swivel joint with male thread to fit microphones or ring having  $\frac{5}{16}$ " pipe thread or  $\frac{5}{16}$ " 27 thread. No Ring or Microphone Included.



### Suspension Rings

**K10076**—List Price, \$2.00.  
**YOUR PRICE** ..... **\$1.18**

For Carbon Microphones 4" Dia. Has  $\frac{3}{16}$ " female pipe thread to fit above stands or can be suspended from loop furnished. Polished chrome finish. Complete with 8 suspension springs.

### Desk Stand

A handsome chromium plated full size microphone desk stand. 6 $\frac{1}{2}$ " dia. ring will mount practically any carbon microphone. Heavily weighted 7" dia. base prevents stand from tipping. Overall height 9 $\frac{1}{2}$ " 8 microphone springs included.  
**K10077**—List, \$3.50.  
**YOUR PRICE** ..... **\$1.95**



# PHONO PICKUPS AND MOTORS

## New Webster High Fidelity Pickup

Reproduces Standard and New Slow-Speed

"Long Playing" Records  
Unequaled brilliance and fidelity. Advanced design achieves full natural reproduction of tone.



Playing of both 78 and 33 1/3 R.P.M. Records is accomplished without the use of any detachable counter weight

Recreates the latest transcriptions with the full depth and broad range of the original orchestration. Is extremely sensitive and has unusual uniform response over the entire scale of musical frequencies. Is especially designed to respond without mechanical or electrical lag for the new 33 1/3 R.P.M. slow-speed long playing records. Richly finished in beautiful soft golden bronze. Equipped with a 1 1/2% Cobalt magnet, cold rolled steel pole pieces and "A" metal stylus. Suitable for playing all 10" and 12" records.

### Less Volume Control

**K9350** Model 30A3. Standard High Impedance Type. 17,000 ohms at 1000 cycles. For use with a 100,000 ohm volume control for uniform response. List. \$9.25. **YOUR PRICE**..... **\$4.95**

**K9351** Model 30A2. Standard High Impedance. 17,000 ohms at 1000 cycles. With a 100,000 ohm volume control built in the base. List Price, \$10.25. **YOUR PRICE**..... **\$5.65**

### Low Impedance Model

**K9352** Impedance 200 ohms at 1000 cycles. Less volume control. List. \$10.00. **YOUR PRICE**..... **\$5.88**

## Webster CRYSTAL Phonograph Pick-up

Identical in appearance to above magnetic models. Perfectly balanced arm permits use on either 33 1/3 or 78 R.P.M. records. True Hi-Fidelity response with a frequency range of from 40 to 8000 cycles. 1.5 volts output—180,000 ohm impedance at 1000 cycles.

**K9355**—X70A2 Less Volume Control. List Price, \$11.00. **YOUR PRICE**..... **\$6.47**

**K9356**—X70A2 Complete with Built-in Volume Control. List Price, \$12.00. **YOUR PRICE**..... **\$7.06**

### Crystal Cartridge Only

May be assembled to any standard Pick-up arm and base. Suited for replacement purpose or for pickup units of special design. **K9357**—X70C—Cartridge only. No Arm. List Price, \$6.75. **YOUR PRICE**..... **\$3.97**

## Piezo ASTATIC Crystal Phonograph Pick-up



**K9362** 8" tone arm for playing 10" and 14" records. List Price, \$12.00. **YOUR PRICE**..... **\$7.06**

**K9363** 12" tone arm for playing up to 16" records. List Price, \$15.00. **YOUR PRICE**..... **\$8.82**

This type of pickup is considered superior to the magnetic type because of better fidelity and more even frequency response. Frequency response is essentially flat from 30 to 8000 cycles without resonant peaks. Needle scratch and surface noises are at a minimum. Two volt output is higher than obtained with most pickups. Will operate practically any two stage amplifier at full power output. High impedance output connects direct to grid input of any amplifier. For control of volume a .5 meg control is necessary. True accentuation of low or high frequencies can be accomplished by connection of resistors in parallel or series. Due to exceptionally light weight of pickup and pressure of only two ounces at head this unit is suitable for reproduction of 33 1/3 or 78 R.P.M. records without adjustment or weights.

## Improved Automatic Record Changer

Plays and Changes Automatically Eight 10-Inch or Seven 12-Inch Records

**Dual Speed 33 1/3 or 78 R. P. M.**  
This is the lowest priced high grade dependable Record Changer ever offered. Plays and changes a stack of eight 10" or a stack of seven 12" records automatically. Just start the motor and you have practically continuous reproduction of from 30 to 60 minutes duration. Will not get out of order and will give years of trouble-free service. Will not miss records. So reliable that it is suitable for highest grade combination Radio-Phonograph or Automatic coin operated machines. So compact it is suitable for portable systems. Minimum overall space needed, length 11", width 15", height above plate 5", depth below plate 3 1/2".

**Improved 2 Speed Inductive Type Motor** Plays 78 or 33 1/3 R.P.M. records. Lever shifts from one to other, simply and instantaneously. Any record may be repeated for encore. Any record can be rejected. Repeats last record until switched off. No changes required for playing manually. Simply change for 10" or 12" records. Specially designed pick-up damped for best quality reproduction. Finished in lacquered statuary bronze. Volume Control and on-off switch included. Shipping weight 26 lbs.

### Automatic Stop

Automatic Stop Switch can be supplied for \$3.00 net extra. Other voltages and frequencies supplied to order at slightly higher prices.



- Efficient
- Compact
- Simple
- Foolproof

**MODEL L**—Plays and changes automatically eight 10" records or seven 12" records. For 110 volt, 60 cycle A.C.

**K15360**—With Crystal Pick-up  
**K15361**—With Magnetic Pick-up  
List Price, \$32.50. **YOUR PRICE, EACH**..... **\$32.45**

**MODEL K**—Same as above but plays and changes eight 10" records automatically and 12" records manually.

**K15362**—With Crystal Pick-up  
**K15363**—With Magnetic Pick-up  
List Price, \$45.00. **YOUR PRICE, EACH**..... **\$27.81**

The above models can be supplied for 6 volt D.C. operation at an additional cost of \$5.25.

The illustration below illustrates method of mounting the above changers. This type of mounting can be applied to radio cabinets as well as the portable unit.

## New Green Flyer Governor Controlled Induction Phono Motor

Dual Speed 33 1/3 - 78 R.P.M.



### For "Long-Play" and Standard Records

New Induction type electric phonograph motor which will play both slow and the standard speed records. Instantly shifts from low speed 33 1/3 R.P.M. to 78 R.P.M. by simply moving lever. Centrifugal type governor speed control with wide range provides a positive means of accurate speed adjustment and maintenance of uniform speed on supply line with fluctuating voltage.

**INDUCTION MOTOR**—silent operation, absolutely no radio interference. Ruggedly built, heavy cast frame, oversize self-lubricating bearings, silent running machined gears sealed in oil. Floats freely on rubber suspended mounting bracket to dampen any trace of vibration. Equipped with automatic stop switch, lid, escutcheon and pointers finished in statuary bronze. All mounting hardware included. Mounts in 8 1/2"x5 1/2" cut out. Overall dimensions of motor 8 1/2"x5 1/2". Suspends 3 1/2" below baseboard. Mounting bracket centers 6 1/2"x6 1/2". For operation on 105-120 volts 60 cycle.

**K15365** complete with regular 12 inch turntable. List Price, \$16.50. **YOUR PRICE**..... **\$9.70**

### With New Type Weighted Turntable and Automatic-Stop Switch

**K15366** Complete with new type special weighted 12" turntable which is absolutely essential to good reproduction with the slow speed records. Automatic-stop switch included.

**YOUR PRICE**..... **\$11.40**

For operation on 6 volt storage battery or any 6 volt direct current source. Current drain 2.8 amps.

**K15367**—Dual Speed 33 1/3 and 78 R.P.M. with 12" turntable. List Price, \$24.00. **YOUR PRICE**..... **\$14.10**

**K15368**—78 R.P.M. only with 10" Turntable. List Price, \$19.30. **YOUR PRICE**..... **\$11.35**

## Green Flyer - 78 R.P.M. Single Speed—Governor Controlled Induction Phono Motor

Same construction as above. Furnished with 10" turntable and complete mounting hardware. No automatic stop included. Motor is rubber suspended from mounting plate. Mounts in cut out 6 1/2"x1 1/2". Motor dimensions 6 1/2"x3 1/2"—suspends 3" below baseboard. Mounting plate 6 1/2"x5 1/2". Mounting hole centers 3"x3 1/2". For 105-120 volt 60 cycle A.C.

**K15369** List Price, \$12.50. **YOUR PRICE**..... **\$7.35**

Any of the above motors can be supplied to order in other voltages and frequencies than those listed, at slightly higher prices.

## Portable Phonograph and Automatic Record Changer

Plays and changes automatically eight 10" or seven 12" records. Dual speed 33 1/3 or 78 R.P.M.



**K15353** With Magnetic Pick-up  
**K15354** With Crystal Pick-up  
List Price Each, \$75.00. **YOUR PRICE**..... **\$37.75**

Record changer has same characteristics as stock No. K15360 listed above. Can be supplied with either crystal or magnetic phonograph pickup as desired. High impedance pickup matches grid input of Amplifier. Carrying Case is richly constructed of plywood and covered with weatherproof black fabricoid. Corners are metal bound. Has carrying space for 6-10" or 12" records. When Case is opened, lid becomes record receiving compartment. Case size closed: 16" wide, 15" long, 9 1/2" deep. Net weight of complete unit 29 lbs. Operates from 105-120 Volts, 50-60 cycles A.C.

Other Voltages and Frequencies can be supplied at slightly higher prices.

## Radolek Special Phonograph Pick-up



**K9367** List Price, \$6.70. **YOUR PRICE**..... **\$3.85**

A new High Fidelity Pickup selected for its exceptional clarity, depth and fullness of tone in the reproduction of phonograph records. Magnet is constructed of alnico steel, (an aluminum and nickel alloy). This alloy is one of the best materials for magnetic pick-ups available today. Retains its magnetism indefinitely assuring continued faithful reproduction. Our tests have proven this pick-up to be the best in its price class and superior to many selling at much higher prices. Pick-up is suitable for playing either 10" or 12" records at either 78 R.P.M. or 33 1/3 R.P.M. Arm finished in black crackle enamel size 8 1/2" overall. Shipping weight, 3 lbs.

# SOUND RECORDING Equipment

## Universal Model 12 Recorder

For Recording Ungrooved Aluminum

Discs up to 12" dia.

at 78 or 33-1/3 R.P.M.



Price

K15380—Recorder Complete as Described for operation on 105-120 volt 50-60 cycle A.C. Current.

**\$74.00**

YOUR PRICE.....

Also suitable for use in recording on Silveroid or other plastic discs if Needle stock Num. K9398 listed below is used. For recording on aluminum use Needle stock Num. K9395. All that you need in addition to this unit in order to make high class recordings are microphone and amplifier. We particularly recommend the Radolek 15 Watt De Luxe Amplifier described on pages 116-117. Permanent Cobalt Magnet Cutting Head has impedance of 500 ohms (other

impedances can be supplied on special order). Weight and angle of head are adjustable. Recording unit comes complete as illustrated including Volume Indicator, Volume Control and "On-Off" Switch.



## Phonograph Record Recorder

Consisting of: Center spindle; cutting head; threader; hardware; swivel arm. No needle included.

### Complete Cutting Outfit

Stock Number  
K9378 15 ohms  
K9379 500 ohms  
K9380 4000 ohms

YOUR PRICE.....

**\$16.95**



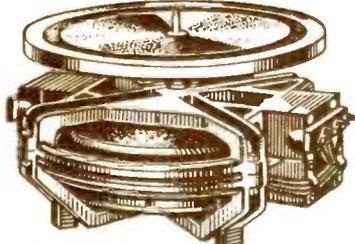
A Practical Recording Device for Recording Favorite Radio Programs, Musical Accompaniments, Home Movie Sound Effects, Transcription Programs, Advertising Talks, Campaign Speeches, etc.

It must be used in conjunction with a microphone and amplifier. Record is made on a specially prepared disc revolved by any ordinary phonograph motor, and can be played on any standard phonograph.

### Easy to Install and Operate

One single 3/8" hole is all that is necessary to mount it. In recording, it is only necessary to move the arm to the center of the record and throw the lifting lever to the down position. This starts the recording which evenly grooves the record. 96 grooves per inch are cut which allows as long a playing time as standard phonograph records. The recorder may be operated at either 78 or 33 1/3 R.P.M. Recorder makes records that are outstanding in quality and are comparable to standard transcription records. Records are practically free from background noise and needle scratch. For best results use our stock number K15025 amplifier listed on page 116 together with Crystal, Velocity or Condenser Microphone.

## Crocker-Wheeler-Western Electric Synchronous Motor for Record Recording



Operates from 110 volts 60 cycles A.C. only. Self starting, high torque fully synchronous 7.2 R.P.M. motor. Maintains perfect, constant speed under all varying load conditions. Gives much more satisfactory operation than belt driven recorders. Turntable included is perfectly balanced and of proper weight to give recordings free from "wavers" and "wows" on sustained musical notes. Precision built for a long and efficient life, heavy cast frame, silent running oversize bearings. When used with turntable furnished and good quality associate equipment will give recordings equal to the finest commercial work. Comes complete with phasing condensers and 7 1/2 lb., 12 inch turntable. Shipping weight 62 1/2 lbs.

K15388—List Price, \$100.00.

YOUR PRICE.....

**\$24.95**

### Microphone Springs

Loop ends. Tempered spring steel. Heavy tadmium plated finish to prevent rusting.

K10074—Eight for.... **22¢**

We are prepared to supply complete recording systems. Write to us and give us as many details of your proposed installation as possible. Our engineering department will be glad to recommend the most suitable equipment for your purpose.

## Victor and Columbia Double Faced Records

Electrically Cut

Many Popular Current Recordings

K15395 — Assortment of 25 records.

YOUR PRICE..... **\$2.25**

Sold only in assortments of 25 records each. All records are genuine Victor and Columbia products. Not seconds. No factory rejects are included. Perfect recordings by famous Columbia and Victor artists. Fox-trots, Waltzes, Vocals, Tangoes, Bands, Marches by Paul Whiteman, Ted Weems, Nat Shilkret, Victor Salon Orchestra, George Olsen, Jesse Crawford, Gene Austin, Fannie Brice, Duke Ellington, and others too numerous to mention. We ship these records to you in the exact assortments we receive from the factory. It will not be possible for us to state at any time exactly what numbers are included in each assortment.

### Use for Public Address Applications

Although these records are not last minute releases there will be many current popular numbers. Especially suitable for sound truck work and automatic phonograph service.

### Duralumin Diaphragms

For replacement in any make, stretched diaphragm type microphone. 24 karat cathode sputtered pure gold spot center on each side. .0018 thick. Heat treated. No harmonic distortion. Size 4 inches dia. Can be trimmed to fit.

K10080—List Price, \$5.00.

YOUR PRICE.....

**\$1.50**

K10081—001 Duralumin diaphragm. Without gold spots. Size 4 1/2" for condenser microphone. List \$1.00.

YOUR PRICE.....

**50¢**

## Pregrooved Aluminum Discs



For Home Recording

Universal pregrooved, aluminum discs assure a greater volume, brilliancy and durability. Discs are double faced, permitting recording on both sides. Available in four sizes—6 in., 8 in., 10 in. and 12 in. diameter. Records may be made with ordinary blunt home-recording needle and play back with wood or fibre needles.

Stock Number	Size	List Price	Your Price
K9381	6 in.	\$0.30	18c
K9382	8 in.	.50	29c
K9383	10 in.	.75	44c
K9384	12 in.	1.00	57c

## Blank Aluminum Discs

No grooves. Can only be used with recording heads that cut their own grooves. Extra Heavy—will not "dash" out when cutting. Extremely low background noise.

Stock Number	Diam.	Approx. Playing Time	List Price	Your Price
K9385	6	1 1/2 min.	\$0.30	18c
K9386	7	2 min.	.50	29c
K9388	10	3 min.	.75	44c
K9388	12	4 1/2 min.	1.00	57c

## Victor Home Recording Record Blanks

K9374—6" record per package of 4 — 68c  
K9375—10" record per package of 2 — 68c  
K9376—12" record per package of 1 — 62c  
K9377—Needles per pkg. of 8 — 25c

## Universal Silveroid Discs

Most satisfactory material for instantaneous Recording and playback. Features: Wide frequency response, low background noise.

Stock Number	Size	List Price	YOUR PRICE
K9389	10"	\$1.20	\$0.71
K9390	12"	1.50	.88
K9391	16"	3.00	1.76

## Recording Needles

Genuine Sapphire points. For use with above Recorder.

K9395—For cutting and recording on ungrooved aluminum record blanks. **\$2.35**

K9396—For recording and reproducing on pregrooved Victor or aluminum recording discs. **\$2.35**

K9397—For cutting and recording on ungrooved celluloid and semi-plastic blanks. **\$3.53**

K9398—Special needle for use with Universal Model 12 and similar recorders when cutting plastic discs. **\$3.53**

K9399—Fibre needles for playback of aluminum and all other records. **59¢**

## Carbon Granules

Carefully selected and highly polished. Acid treated to reduce ash content. Will stand higher current without burning. Vial contains sufficient granules to repack two double-button carbon microphones.

K10082—Size No. 100. Higher sensitivity and higher background noise. Provides best quality reproduction but packs easily.

K10083—Size No. 80. Best general purpose granules. Lower hiss, good quality reproduction and does not pack easily.

K10084—Size No. 60. Best for sound trucks and hard usage. Low hiss, more freedom from packing, fair quality reproduction. List Price Per Vial, \$1.00.

YOUR PRICE..... **40¢**

## Professional Cutting Head

Full Frequency—Built Like a Watch

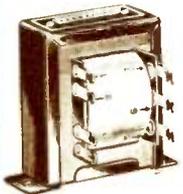
K9373—YOUR PRICE..... **\$35.00**



A scientific recording head capable of cutting or grooving all types of material. Size: 2 1/2" x 1 1/2". Resonance substantially flat from 30 to 8000 cycles. Cobalt Steel Permanent Magnet. Balanced armature double coil type. Independent adjustable dampers in each of four pole pieces. Armature held firmly without damping in pivot bearings, stylus securely held by small barbed set screw. Watch mill finish. 15, 50, 200 or 300 ohm. Specify which wanted in ordering.

# TRANSFORMERS for P.A. INSTALLATIONS

## Thordarson Line Matching Transformer



**T6048**  
Couples 500 Ohm Amplifier Output Line to Voice Coil of Dynamic Speaker Employs the Universal System of Ratio Matching of Impedances

**K6659**—List Price \$3.00.  
**YOUR PRICE** ..... **\$1.76**

Permits use of from one to six speakers (using a transformer at each speaker) at full volume, or from two to 12 speakers (using a transformer for each 2 speakers) at half power.

The use of these transformers provides the only satisfactory method of coupling to a single amplifier, several dynamic speakers at widely distributed points. In addition the distribution of power may be adjusted (see diagram below) so as to reduce feedback difficulties.

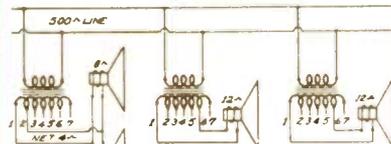
Specifications: High Inductance primary; 7 tap secondary so arranged that speakers with voice coils having impedance values between 2 and 16 ohms can be balanced to the 500 ohm line with any combination of speakers—1 to 6 at full volume—2 to 12 at half volume. Transformer is 3" high, 2 1/2" wide, 2 3/4" deep. 15 watt working capacity—25 watt peak. Complete instructions included.

## Thordarson T6125 Transformer

Universal Single Tube to 500 ohm Line. Matches above transformer in appearance. Has primary terminals and six secondary ratio taps to provide for coupling any of the following tubes to a 500 ohm line: 2A5, 41, 42, 47, 89, 59, 46, 45, 50, or 2A3. Class "A". 15 watt working capacity. **K6660**—List Price, \$3.50.  
**YOUR PRICE** ..... **\$2.06**

## Thordarson T6126 Transformer

Universal Push Pull Tubes to 500 ohm Line. Matches above transformer in appearance. Has center-tapped primary and five secondary ratio taps to provide for coupling any of the following tubes in push-pull to a 500 ohm line: 2A5-41-42-89, 47, 59, 46, 45, or 50, Class "A". 15 watt working capacity, 25 watt peak. Diagrams included. **K6661**—List Price, \$3.50.  
**YOUR PRICE** ..... **\$2.06**



**Schematic Diagram Showing Line Matching Transformer Hook Up**

With two 8 ohm dynamic speakers operating at half power close to a microphone to greatly reduce possibility of microphone feedback. Diagram also shows how to connect in the same circuit, two 12 ohm dynamic speakers operating at full volume at distant points, employing two additional transformers. Many other combinations may be arranged to achieve distribution of power and volume. Complete instructions included.



## Mixing and Line to Line Transformer

To be used in construction of mixing panels used for public address, centralized radio, recording or broadcast equipment. Mounted in shielded case to prevent hum pickup. Frequency characteristic essentially flat from 50 to 10,000 cycles.

Stock Number	Primary Imped. Ohms	Secondary Imped. ohms	List Price	Your Price
K6666	200 or 50	200 or 50	\$3.75	\$2.21
K6667	500 or 125	200 or 50	4.00	2.35
K6668	1 Ohm But. Mike	200 or 50	4.00	2.35
K6669	5000 or 2000	200 or 50	3.00	1.76

## Ribbon Microphone Transformers

Especially designed—high permeability transformers to match the Ameriplex Superior Microphones. Due to small energy pickup, properly matched and designed transformers are very necessary. These transformers exactly fit into base of microphone case.

**K6865**—Ribbon to Line } List Price, \$5.00.  
**K6866**—Ribbon to Grid } **YOUR PRICE** ..... **\$2.94**  
**K6867**—Line to Grid }  
**K6868**—Plate to Line }



## Thordarson Double Button

Double button—from microphone to grid. Turn ratio is 1-22. Frequency curve is exceptionally flat from 30 to over 7000 cycles. Center tapped primary is 400 ohms impedance overall. Secondary impedance is of the order of 200,000 ohms to match grid of practically any amplifier input tube. Matches impedance of all standard type, carbon, 2 button microphones.

**K6662**, Thordarson Type T-3020. List, \$3.50.  
**YOUR PRICE** ..... **\$2.06**

## Single Button

**K6663** Thordarson Type T-2357. List, \$2.50. **YOUR PRICE** ..... **\$1.32**

## Tube to Voice Coil Output Transformers



**K6640**—Primary 5000 ohms center tapped. Matches plates of Pushpull 2A3 self bias, P.P. 13's class AB self bias, 48 tetrodes. Secondary tapped at 4, 8, 15 or 500 ohms. Type A. Size: 3 1/2"x2 3/4"x3. List Price, \$4.00. Code T-6754.  
**YOUR PRICE** ..... **\$2.35**

**K6639**—Primary 8000 ohms center tapped. Matches Plate of Pushpull 2A3 self bias, P.P. 13's Class AB, 2-7's Pushpull Parallel, Class B. Secondary tapped at 4, 8, 15 and 500 ohms. Type A. Size: 3 1/2"x2 3/4"x3. List Price, \$4.00. Code T-6594.  
**YOUR PRICE** ..... **\$2.35**

**K6641**—Primary 5800 ohms center tapped. Pushpull 46's or 59's Class B. Pushpull Parallel 53's Class B. Secondary tapped at 4, 8, 15 or 500 ohms. Type A. Size: 3 1/2"x2 3/4"x3. List Price, \$4.00. Code T-6752.  
**YOUR PRICE** ..... **\$2.35**

**K6664**—Primary 1500 ohms center tapped for Parallel Pushpull 2A3's fixed bias. Secondary tapped at 4, 8, 15 and 500 ohms. Type A. Size: 3 1/2"x2 3/4"x3. List Price, \$4.00. Code T-6792.  
**YOUR PRICE** ..... **\$2.35**

**K6634** Universal output transformer to match any output tubes single or push pull having not over 7 watts output to speaker voice coils of 1/2 to 29 ohms. Type D. Size: 2 3/4"x2 1/2". List Price, \$2.00. Code T-5701.  
**YOUR PRICE** ..... **\$1.18**

## Jefferson Double Button Microphone Transformer

A splendid fully shielded single or double button microphone transformer. Extra heavy insulation to prevent capacity losses within windings and to increase frequency response. Matches standard 2-button 200 ohm microphones or when using 1/2 the primary winding will match a single 200 ohm button. Size 2 1/4"x2 1/4"x2 3/4" high. Mounting centers 2 3/4". **K6706**—List Price, \$1.80.  
**YOUR PRICE** ..... **\$1.18**

**K6706**—List Price, \$1.80.  
**YOUR PRICE** ..... **\$1.18**

## Crystal Microphone to Line Transformer

A high quality fully shielded transformer designed to match high impedance Crystal Microphone to 50 or 200 ohm transmission line. For use when Microphone is operated over 150 feet from amplifier. Transformer will attenuate higher frequencies slightly, but for any but the most exacting requirements, it will not be noticed. Transformer size: Height, 3 1/2"; Width, 2 1/2"; Diameter 2 1/2". Mounting holes, 2 1/8". **K6665** List Price, \$4.00.  
**YOUR PRICE** ..... **\$2.35**

**K6665** List Price, \$4.00.  
**YOUR PRICE** ..... **\$2.35**

## Radolek Double Button Microphone Transformer



Turn ratio 25 to 1. Impedance ratio 625 to 1. Frequency curve is exceptionally flat from 80 cycles to 5000 cycles. Primary is split 200 ohms each side and the secondary impedance is of the order of 250,000 ohms at 60 cycles and 3 volts A.C. Matches impedance of all standard type, carbon, 2 button microphones. Fully shielded in black enameled steel case. Insulated core coiled 50" leads out of bottom. Size: 2 3/4" high, 2 1/2" wide, 2 1/4" deep. Mic. hole centers 2 3/4".

**K6857**—**YOUR PRICE** ..... **\$1.19**

## Line to Tube Universal Input Transformers

Used for coupling circuit to an amplifier input using practically any type input tube. Also for directly coupling single button carbon microphone, condenser or dynamic microphone, low impedance phonograph pick-up, low impedance radio output, or other low impedance line to the amplifier input. Mounted in shielded case to prevent hum pickup. Frequency characteristic essentially flat from 50 to 10,000 cycles.

Stock Number	Primary Imped. Ohms	Secondary Grid Ohms	List Price	Your Price
K6670	200 or 50	500 or 125	\$2.75	\$1.62
K6671	500 or 125	500 or 125	4.00	2.35
K6672	200, 400, 600 or 800 ohm	500 or 125	4.00	2.35

## Microphone Input Transformers

A fine quality microphone transformer. Proper design and proper ratio. The same model extensively used by manufacturers of P. A. systems. Core size 3"x1". Overall size 2 3/4" high, 1 1/4" wide, mounting holes 2 3/4" centers. Japanese steel frame around core. Solder lug connections. For use with standard 200 ohm per button microphones. **K6738**—For single button "Mike."  
**YOUR PRICE** ..... **78¢**

**K6739**—For two button "Mike."  
**YOUR PRICE** ..... **94¢**

## Volume Control

**For Crystal Microphone**  
Speakers, soloists and announcers can control the volume of microphone, smoothly and noiselessly without the necessity of going to the amplifier. By use of a capacity control rather than a resistance control, undesired tone control effects are eliminated. On-Off Switch is included so that microphone can be entirely disconnected from circuit if desired. Finished in Rubber Black Enamel. Volume escutcheon Black and Chrome. Size of complete unit 3 1/2"x2 1/2". Includes 3 feet of special Crystal Microphone Cable. **K12900**—Volume Control unit with 3 prong socket connector for plugging in Microphone.  
**K12901**—Volume Control unit with 3/8" 27 thread coupling for permanent mounting of Microphone. List Price, Each, \$12.50.  
**YOUR PRICE** ..... **\$7.35**

**K12900**—Volume Control unit with 3 prong socket connector for plugging in Microphone. List Price, Each, \$12.50.  
**YOUR PRICE** ..... **\$7.35**

## Microphone Stand On-Off Switch

Can be used with any type of microphone equipped with female 5/8" 27 thread for mounting on Radolek or Shure Microphone Stands and male 5/8" 27 thread for mounting of Crystal or Kenilworth Microphones. Finished in Rubber Black Enamel. **K11085**—List Price, \$2.50.  
**YOUR PRICE** ..... **\$1.47**

Radolek can supply practically any type of transformer used for Public Address work. We can also supply complete Amplifier Kits. Write us, we will be glad to take care of your requirements.

# P.A. Sound ACCESSORIES

## Shure Micro-Stan

Automatic safety lock holds stand exactly at the height required without screws or nuts. Stand may be extended from 52 to 76 inches. Finished in rubber-tone black, double-baked Japan. Cable entrance in base. Microphone ring is of nickel-base chromium in standard 6 inch size. Fitted with 8 rust proof springs and convenient "Quickway" hooks. Stand presents a neat, bright appearance after the hardest wear. Shipping weight 25 lbs.

K15250—List Price, \$20.00.  
YOUR PRICE **\$11.76**

K15251—Same as above but with slightly smaller and lighter base. Ship. wt. 18 lbs.  
List Price, \$16.00.  
YOUR PRICE **\$9.41**

When ordering above stands without rings for Crystal or Velocity Microphones, deduct \$1.47 from price quoted above.



## Shure S54B Combination Banquet and Floor Stand

K15252—List Price, \$12.50.  
YOUR PRICE **\$7.35**

A three piece well constructed combination banquet and floor stand especially suitable for Public Address applications. Adjustable from 27 1/2 in. to 47 1/2 in. Modernistic cast iron base finished in black wrinkled enamel dia. 7 in. Tubing and ring nickel plated. Ring 5 in. dia equipped with "Quickway" hooks and eight rustproof springs. Shipping weight 8 1/2 lbs.

As above without ring but with adapter for mounting crystal mikes listed on page 124.

K15253—List Price, \$10.00.  
YOUR PRICE **\$5.88**



## Shure Desk Stand

K10026—List Price, \$3.50.  
YOUR PRICE **\$2.05**

Accommodates Shure 3A, 5B and microphones of similar size. Finished in chromium plate, modern level edge design. 5 in. ring. Equipped with "Quickway" hooks for easy mounting and eight rust-proof springs.



## Portable Electric Dual Speed Phono Motor With Electric Pickup

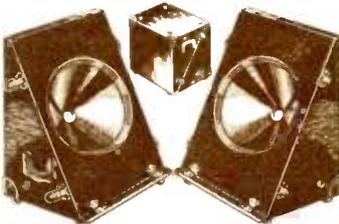


K15355 Complete Portable A.C. Electric Dual-Speed Phono Motor.  
List Price, \$45.00.  
YOUR PRICE **\$22.95**

K15356 Same model with special 6 volt D.C. Motor.  
List Price, \$49.50.  
YOUR PRICE **\$26.95**

A high quality unit designed to match any P.A. System with high impedance input. Can be quickly changed from 33 1/3 to 78 R.P.M. with simple transmission gear lever. Powerful induction motor with manually compensated governor for exact speed adjustment on any voltage between 105 and 120. 60 cycle A.C. Extra heavy 12" weighted turntable for constant speed regulation—acts as a flywheel on the motor. New model Electric pickup with built-in volume control. High impedance type. Light, strong, metal bound black fabricoid covered carrying case 17 1/2" wide by 13 1/2" deep. Height with top closed 7". Finished complete, ready to operate with 6 ft. A.C. cord and 6 ft. phono coupling cord. Works with all models of Radolek Amplifiers and other makes having over 35 D.B. gain with high impedance input circuits.

## Dual Speaker Housing For Portable P.A. Systems



K15825—No Speakers Included.  
YOUR PRICE **\$8.95**

Case is divided diagonally and will house two speakers. When put together and only slightly larger than case necessary for only one speaker. When set on floor speakers throw sound upward and set into the room. Speakers may be hung from ceiling and pointed down. When case is closed speaker cones face fabricoid covered baffle area giving maximum protection against speaker damage. Baffle is hinged so that each section can readily be opened and inner space used for storage of cables, microphones, etc. Baffle opening is 12"; accommodate speakers up to 13" cone diameter. Rigidly constructed of laminated plywood covered with durable black fabricoid. Metal corner guards. Carrying handle will not pull out. Overall size 10 1/2" high x 15 1/2" wide x 15 1/2" deep; net weight, 22 lbs.

## Portable P. A. Speaker Housing



Will House 8" to 14" Cone Speaker

K15824—List Price \$7.00.  
YOUR PRICE **\$4.75**

Durable Fabricoid covered case with metal corner guards. Designed for use with all types of indoor and outdoor public address equipment. Ample fabricoid surface for excellent tone reproduction. For mounting all standard sizes of dynamic and magnetic speakers between 8" and 11" diameter. Copper screen protects cone from bugs and dirt. Button fabricoid flap over speaker opening for protection of cone against weather. Extra strong wood frame. Thoroughly impregnated to resist moisture. Specify size of speaker opening desired when ordering. Dimensions, 15" x 15" x 11".

Construction similar to above but does not have metal corner guards, protective flap and is quite as well constructed but is superior to other cases sold at about this price.  
K15823—YOUR PRICE **\$3.15**

## Brush "Tweeter" Crystal Speaker

For use in bolstering up the high response in theatre and P.A. installations. Should be used in conjunction with large size dynamic cone speakers which give good reproduction on low notes. Frequency response from 2000 to 8000 cycles. No frequency filter needed. Comes complete with transformer having primary tapped at 1, 8, 15 and 500 ohms for direct connection to amplifier. Cone dia. 4".  
K9421—List Price, \$10.00.  
YOUR PRICE **\$6.00**

K9422 Same as above less special matching transformer. List, \$7.00.  
YOUR PRICE **\$4.20**

## Microphone Cable Fittings

K12250—Cable Strain Relief: Used with connector at right when cable is run inside tubing. Prevents terminal strain when stand height is changed. List Price, 25c.  
YOUR PRICE **15c**

Cable Guide—Holds cable neatly to outside of microphone stand. Attach to string near base. Rubber Black finish.  
K12266—For 1 1/4" Tubing Stand.  
K12267—For 3/4" Tubing Stand—List, \$1.00.  
YOUR PRICE **59c**

K12251—Slide Cable Outlet and Strain Relief. Brings cable to outside of stand. Chrome finish. List Price, 75c.  
YOUR PRICE **44c**

## Amplifier Carrying Case



For use in housing and transporting Public Address Amplifiers from one installation to another. Constructed in three parts. Bottom tray is designed so that amplifier may be attached permanently. All controls and connections are readily available. Top tray provides storage place for microphones and cables and will also hold the smaller floor stands such as the Shure stand number K15252 described on this page. Will fit Radolek Amplifiers with or without installation shield. Attractive black fabricoid covering. Solid laminated plywood construction throughout, strongly reinforced corners and handle. Positive draw bolt fasteners.

K15827—Fits Radolek 30 and 50-60 Watt Amplifiers. Size Inside 23" long, 12 1/2" wide, 12 1/2" high, additional space in top section.  
List Price, \$16.25.  
YOUR PRICE **\$7.95**

K15826—Fits Radolek 15 Watt Amplifier. Size Inside 15 1/2" long, 11" wide, 10 1/2" high, 3" additional space in top section.  
List Price, \$14.25.  
YOUR PRICE **\$6.95**

## Shielded Microphone and Cable Connectors



Three or four contact polarized plug and socket covered by heavy chrome plated brass shell. Indestructible and moisture proof. Male and female sections can be locked together by means of a threaded collar forming a perfect mechanical and electrical shield. One prong may or may not be grounded to shell as desired.  
K12252—3 Prong Male Section.  
K12254—4 Prong Male Section. Includes locking nut. Removal of cap on other end permits screwing into any microphone having 5/8" threaded hole. Size 1 1/2" long, 3/4" diameter.

K12253—3 Hole Female Section.  
K12255—4 Hole Female Section. Has male thread to receive locking nut and spacer sleeve for chassis or panel mounting where shielded connection is desired.

K12256—3 Hole Female Section. For Stand Mounting.  
K12257—4 Hole Female Section. For Stand Mounting. Has male thread on one end to fit microphone stands listed in catalog and thread on other end for locking ring.

### Prices

Three Prong and Three Hole Connectors. List Price, \$1.00.  
Four Prong and Four Hole Connectors. List Price, \$1.10.  
YOUR PRICE, Ea. **59c** YOUR PRICE, Ea. **65c**

Female Section Connector for mounting on Chassis or wall plate. Size 3/4" long. Requires 3/8" hole.  
K12258—3 Hole. List, 50c.  
YOUR PRICE **30c**  
K12259—4 Hole. List, 55c.  
YOUR PRICE **33c**

## Octal Shielded Connectors

Eight contact polarized plug and socket with prongs arranged same as octal base tubes. Similar in construction to above plugs. Both connectors are covered by cadmium plated brass shell and can be locked together by means of a threaded collar. Forms a perfect mechanical and electrical shield that is moisture proof and indestructible. Screw clamp with rubber gasket washer releases contacts of any cable strain.  
K12260—8 Prong Male Section includes coupling nut. Size 1 1/2" long x 1 1/4" dia.  
K12261—8 Hole Female Section. Has male thread to receive locking nut. List, \$1.25.  
YOUR PRICE, EACH **73c**  
K12262—8 Hole Female Section Connector for mounting on chassis or wall plate. Height 1 1/2" mounting hole. List Price, 60c.  
YOUR PRICE **36c**

# PUBLIC ADDRESS DYNAMIC CONE SPEAKERS

## Rola Electro Dynamic Public Address Speakers

Model G-12—12 1/2 In. Overall Cone Size

The highest recommendation that we can give this speaker is that we have selected it for use with our larger Public Address systems. It is one of the best speaker buys available today. Has a much greater efficiency and power handling capacity than the average P.A. speaker, yet it retains a full rich tone that will satisfy the most discriminate music critic. Voice coil diam. 1 1/2 in. Will carry 12 watts continuously (25 watt peaks) Impedance 9 ohms at 400 cycles. Power dissipation of field 10 to 20 watts, 15 watts for best operation. Excellent frequency response between 50 and 1500 cycles. Overall size: height 12 1/2 in.; Width 12 1/2 in.; depth 7 1/2 in. Shipping weight 22 lbs. Furnished complete with output transformer. Impedance 1000 ohms tapped at 500 ohms.



### D. C. Model

For field excitation from Amplifier. Can obtain field supply from Radolek 15, 30, or 40 Watt A.C. Amplifiers complete with Line Transformer.

K15400—1000 ohm field.  
K15401—1500 ohm field.  
K15402—2500 ohm field.  
K15403—4 ohm 6 volt field.  
List Price, \$22.50.  
YOUR PRICE **\$9.50**

### D. C. Model

For A. C. Operation

D.C. Field Speaker complete with external field exciter unit. Delivers ample current for full field excitation of Speaker. Complete with Line Transformer and rectifier tube.

K15408—List Price, \$37.50.  
YOUR PRICE **\$12.75**

## Rola Dynamic Cone Speaker

Cone Size Overall 12 1/2"

Although this Speaker does not have the power handling capacity of the model G-12 listed above, it proves an excellent speaker for use on small Public Address Amplifiers or for installations using a number of Speakers from a large Amplifier. Will handle 8 Watts continuously (12 Watts peak loads) with perfect fidelity at any volume level. Voice coil impedance 3 ohms at 400 cycles. Diameter 1 inch. Power dissipation of field 6 to 10 Watts. Comes complete with mounting base. Speaker size overall 12 1/2" high, 12 1/2" wide, 6 1/2" deep. 1000 ohm line transformer tapped at 500 ohms is included.



### D. C. Model

For field excitation from Amplifier. Can obtain field supply from Radolek A.C. Amplifiers. Complete with Line Transformer.

K15404—1000 ohm field.  
K15405—2500 ohm field.  
K15406—4 ohm 6 volt field.  
List Price, \$15.50.  
YOUR PRICE **\$5.45**

### D. C. Model

For A. C. Operation

D.C. Field speaker complete with external field exciter unit. Delivers ample current for full field excitation of Speaker. Complete with Output Transformer and rectifier tube.

K15409—List Price, \$22.50.  
YOUR PRICE **\$8.73**

## Utah 12" Stadium Speaker

Model 1220 (15 Watts)

Especially suited for Public Address installations. Handles 15 watts input without over-loading, with 10 to 15 watts in the field. Cadmium finished steel frame. Improved moulded diaphragm. Diameter 12", overall height 12 1/2", overall depth 6 1/2". Power dissipation of field 10 to 15 watts. Voice coil diam. 1 1/2". Imp., 1.1 ohms. Voice coil dissipation 15 watts. Average 20 watts peak. Complete with universal output transformer.



K15571—List Price, \$11.50  
YOUR PRICE **\$6.76**

### Model "A" 10" and 12" Speakers

Have extra large field pots which bring out the utmost in the diaphragms and provides marvelous fidelity of tone. Cadmium finished steel frames. Moulded ribbed diaphragms.

Field dissipation 10 watts. Voice coil diam. 1". Imp., 6 ohms, Pwr., 8 watts. No output transformer included. Less Base.

10 Inch Diameter  
Depth 4 1/2"

12 Inch Diameter  
Depth 6"

K15553—2500 ohm field  
K15555—1000 ohm field  
YOUR PRICE, Ea. **\$4.26**

K15556—2500 ohm field  
K15558—1000 ohm field  
YOUR PRICE, Ea. **\$5.15**

## Magnetic Speaker Chassis

8 3/8" Diameter

The unit is of the balanced armature type and is magnetically and mechanically centered. Will handle 0.7 watt power input without rattling. An ideal speaker for outdoor installation in battery set or for use as an extra extension speaker, with sets using dynamic speaker. An excellent speaker for use in public address systems in schools and hotels or for call systems. Makes an ideal magnetic unit to use in the walnut cabinet shown on page 41. Perforated rigid steel frame with mounting holes in outer diameter. Excellent tone quality with true fidelity. D.C. resistance of speaker winding 1000 ohms. Dia. 8 3/8". Depth 4 1/2". No cord included.

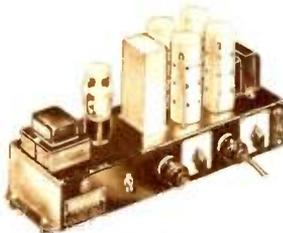


K15779—List Price, \$3.15.  
YOUR PRICE **\$1.58**

## Microphone Pre-Amplifiers

For Crystal or Velocity Microphones

Operated 105-120 Volt, 50-60 Cycle A. C.



### Prices

Factory Wired, Laboratory Tested. Instructions included. Complete as described. Less Tubes.  
K15065—List Price, \$44.00.

YOUR PRICE **\$19.95**

Complete as described, with Five Sylvania or Raytheon Matched Tubes 2-75's, 2-6BD's, and 1-80.  
K15066—List Price, \$48.90.

With Five Tubes.  
YOUR PRICE **\$22.25**

### Single Channel For One Microphone

Same general construction as Dual Channel Unit excepting that it has only one channel. While the Dual Channel Unit is the better investment in that it provides for expansion, there are many installations using only one microphone for which this unit will be well suited. Does not have mixer and fader but does have volume control for microphone.

### Prices

Factory Wired, Full instructions are included. Complete as described. Less Tubes.  
K15067—List Price, \$33.25.

YOUR PRICE **\$17.64**

Complete as described, with Three Sylvania or Raytheon Matched Tubes, 1-75, 1-6DB, and 1-80.  
K15068—List Price, \$36.00.

With Three Tubes.  
YOUR PRICE **\$18.92**

Improve the performance of your Amplifier! Crystal and Velocity Microphones provide a clarity of tone and a high fidelity response that is far superior to that obtained from the old Carbon Microphones. These Radolek Pre-Amplifiers, when coupled to your amplifier, will supply the additional gain (65 D.B.) that is needed to utilize the greater advantages of Crystal or Velocity Mikes. Compact in size, Single Unit Construction. Crystal or High Impedance Velocity Microphones can be connected without use of coupling transformers. Plug-in Outputs and Inputs. Output Transformer has 500 and 200 ohm taps for line connections of 25 to 2000 feet. High impedance output connection is provided for use when pre-amplifier is used within 25 feet of main Amplifier. All tube noises, A.C. hum, motorboating and oscillation troubles have been eliminated. Size: 7 1/2" Height, 5 1/2" Width, 1 1/2" Length.

### Dual Channel

For Two Microphones

Two Input Channels—5 Tubes—Two Crystal or Velocity Microphones and Phono or Radio can be amplified through this unit. Separate Volume Control for each channel. Two Microphones or one Microphone and phono or radio can be used at the same time and mixed or faded into each other in any proportion. Microphone is amplified through two stages, phonograph through one.



## Utah P. M. "Orthovox" Speakers

An improved Kinematic Power Loudspeaker with an automatic impedance matching circuit. Uses no field current. Handles power and volume without distortion. Chrome steel permanent magnets acting through laminated pole pieces produce an intense magnetic flux in the 6/1000ths diameter gap. A heavy laminated silicon steel armature is suspended with phosphor-bronze flexible torque supports. No armature pivots to chatter or stick. Speaker will carry 35 Ma. direct current. Output transformers are not required. For improving battery radios, use in sound trucks, as extra speakers on any radio or P.A. system which does not provide field current, we recommend these speakers very highly.



8" Utah Orthovox  
4000 MilliWatts Capacity  
Frequency Characteristic Uniform between 140 and 8000 Cycles.

K15591—For 500 ohm Line.  
K15592—For 1000 ohm Line.  
List Price, \$4.50.  
YOUR PRICE, EACH **\$2.65**

12" Utah Orthovox  
6000 MilliWatts Capacity  
Excellent Response between 80 and 8000 Cycles.

K15596—For 500 ohm Line.  
K15597—For 1000 ohm Line.  
List Price, \$7.00.  
YOUR PRICE, EACH **\$4.12**

## RCA Victor Record Player

110 V. 60 Cy. A. C. 78 R.P.M.

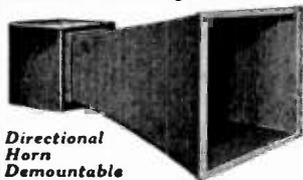
K15376—List Price, \$15.50.  
YOUR PRICE **\$10.72**

A Compact High Quality Portable Electric Phonograph suitable for use in conjunction with Radio Sets or Public Address Amplifiers. Will play either ten inch or twelve inch records at 78 R.P.M. Operates on 110 Volt 60 Cycle A. C. Current. Consists of R.C.A. Midjet pickup 2500 ohms impedance, RCA Synchronous Midjet Phono Motor operating at 78 R.P.M., Flush Mounting Needle Cup and Volume Control all mounted in an attractive Walnut finished case, size 10 1/2" x 8" x 5 1/2". High impedance output matches grid of first amplifier tube in P.A. Amplifiers or first Audio Tube in Radio Sets.



# PUBLIC ADDRESS SPEAKERS and TRUMPETS

## Radolek Dynamic Horns



Trumpet Type  
22"x23"  
Opening,  
25"  
Deep

### Directional Horn Demountable

Directional characteristics particularly adapt this speaker for outdoor installations where sound must be carried over comparatively long distances. Comes knock-down, and is assembled by a few machine screws and bolts. Can be taken down or set up in a few minutes. Constructed of 3 ply veneer fully weather-proofed and finished in aluminum. Horn size 22"x23" at opening x 25" deep. Speaker housing 15 1/2"x15 1/2"x11" deep. Type A takes speaker with cone sizes of 10, 11 and 12 inches. Type B takes cone sizes of 7, 8 and 9 inches.

With Housing  
K15155—Type A. } List, \$14.50  
K15157—Type B. } YOUR PRICE **\$8.25**

Less Housing  
K15156—Type A. } List, \$9.50  
K15158—Type B. } YOUR PRICE **\$5.40**

## Flare Type Demountable

With Housing

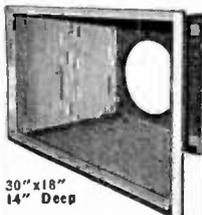
K15161—Type A  
K15163—Type B.  
List Price, \$12.00.

YOUR PRICE.. **\$6.80**

Less Housing

K15162—Type A  
K15164—Type B.  
List Price, \$7.00.

YOUR PRICE.. **\$3.95**



30"x18"  
14" Deep

Same general construction as above horn but has more flare hence is more suitable for Auditorium use where sound must cover a wide angle.

## Directional Baffle

For 6" Cone Units

K15170—  
List Price, \$24.65. **\$14.70**  
YOUR PRICE ..



Scientifically designed particularly for use with 6" cone units such as listed below. Has the sound projection qualities of the horn unit type of trumpet yet it retains the full frequency response that is possible only with a cone speaker. Very rugged in construction. Horn is absolutely weather proof and will stand up under an unusual amount of abuse. Made of seamless spun Aluminum. Comes complete with brackets for mounting. Overall size: Bell 30"x30", length 4 feet. Shipping weight 25 lbs.

### Special Offer

Purchase the above baffle in combination with one of the units listed below and deduct 10% from the prices quoted. For the two items purchased together, YOUR PRICE .. **\$22.49**

## Public Address Cone Unit For Use with Above Trumpet



6" Cone Diameter  
List Price Each, \$25.00.  
YOUR PRICE, EACH

**\$10.29**

K15643—With 1000 ohm field.  
K15644—For 6-8 Volt field excitation.

Has the power handling capacity of the dynamic unit yet retains the full rich tone of a cone speaker. Adapted for use with directional baffle in installations where sound must be transmitted over a great distance. Oversize field coil and correct spacing of voice coil with reference to field make this unit exceptionally sensitive giving a high ratio of acoustic output to electrical input. Cone is made of an especially tough paper that will handle enormous volume without breaking down. Extremely flexible spider allows full movement of cone yet keeps it perfectly centered at all times. Will handle 15 watts continuously and 30 watts peak. Voice coil impedance 6 ohms. V. C. diam. 1 1/4". Overall size 6 3/4" dia. by 5 3/4" deep. Shipping weight, 10 lbs.

## Racon Horns and Units

### 3 1/2 Foot Trumpets



Bell 32 In. Round

K15200—Regular: Equipped with metal beaded edge, metal ferrule and suspension ring. Adapted for 3/4"—18 inch threaded unit. For indoor use only. Weight, 6 1/2 lbs. List, \$22.00.

YOUR PRICE .. **\$12.94**

K15201—De Luxe: Equipped with metal beaded edge, cast aluminum ferrule and suspension ring. For indoor or temporary use. Weight, 7 lbs. List, \$27.50.

YOUR PRICE .. **\$16.15**

K15202—Stormproof: Equipped with metal beaded edge, metal ferrule and suspension ring. Guaranteed for one year. For outdoor use in all climates and all weathers. Weight, 9 1/2 lbs. List, \$44.00.

YOUR PRICE .. **\$25.88**

### 4 1/2 Foot Trumpets

Bell 24" Round

Equipped with rolled-on metal beaded edge and half length cast aluminum tone arm, particularly designed for efficient high frequency transmission. Bell section of the special non-vibrating acoustic cloth. The two sections can be quickly assembled or disassembled. Three suspension points. Equipped with flexible coupling for unit attaching.

K15203—De Luxe: For indoor use. Weight 13 lbs. List Price, \$44.00.

YOUR PRICE .. **\$25.97**

K15204—Stormproof: Guaranteed for all climates and weathers. Weight 13 lbs. List Price, \$60.50.

YOUR PRICE .. **\$35.57**

### 6 Foot Trumpet

Bell 30 In. Round

K15205—Regular: Equipped with metal beaded edge, cast aluminum throat and 4 inch suspension ring. For indoor use only in all climates. Weight, 17 lbs. List, \$58.50.

YOUR PRICE .. **\$34.40**

K15206—Stormproof: Equipped with metal beaded edge, cast aluminum throat and 4 inch suspension ring. For outdoor use in all climates and weathers. Weight, 21 lbs. List, \$75.00.

YOUR PRICE .. **\$44.10**

### Bullet Projector

List Price, \$16.00.  
YOUR PRICE.. **\$9.40**

K15210—For 12" Speaker.

K15211—For 8" Speaker.

Designed to be used with 8" or 12" dynamic cone speakers. Suitable for Sound Amplification Systems in which sound must cover a wide angle but does not have to carry over long distances. May be used indoors or outdoors. Acoustic padding, and proper air release gives wide range response without rattles or distortion. Opening is protected by grill cloth and screening. Is of all steel construction finished in silver. Size 11" deep, 14" diameter.



### Auto Roof or Wall Stand For Speaker Baffle



K15174—Stand only, no speaker or baffle included. List Price, \$4.90.

YOUR PRICE .. **\$2.88**

For use with speaker baffle listed above. Can be mounted on building wall inside or outside, or on roof of Automobile or Truck. Base 7 1/4" dia. Drilled for mounting. Height without Baffle 12". Not adjustable. Comes equipped with tilting bracket so that baffle can be placed in any angle.

### Adjustable Bracket and Saddle

K15175—For mounting on stand, Portable Speaker Carrying Case, such as K15824 and K15825 on page 129.

List Price, \$3.65.

YOUR PRICE .. **\$2.15**

## Electro-Dynamic Units

For Use on Trumpets or Theatre Reproducers

### Master

750 ohm field for 110 V. D.C. excitation. 15 ohm voice coil impedance at 1,000 cycles. Continuous operating capacity 20 watts. Peak load capacity 50 watts. Lightweight hi-powered unit especially suitable for portable systems and permanent installations where heavier units are not required. The perfect reproducer. Weight 13 1/2 lbs. K15214—List Price, \$44.00.

YOUR PRICE .. **\$25.87**



### Super-Giant

Type B Diaphragm

750 ohm field for 110 V. D.C. excitation. 15 ohm voice coil impedance at 1,000 cycles. Continuous operating capacity 25 watts. Peak load capacity 50 watts. Particularly adapted for theatre and auditorium use where the finest quality reproduction is required. Weight 20 pounds.

K15215—List Price, \$66.00.

YOUR PRICE .. **\$38.81**

### Junior

750 ohm field for 110 V. D.C. excitation. 15 ohm voice coil impedance at 1,000 cycles. Continuous operating capacity, 15 to 20 watts. Peak load capacity, 40 Watts. Weight 11 pounds.

K15216—List Price, \$35.75.

YOUR PRICE .. **\$21.00**



### Type A Baby Unit

1000 ohm field for 110 V. D.C. excitation. 15 ohm voice coil impedance at 1,000 cycles. Continuous operating capacity 5 watts. Peak load capacity 10 watts. Weight 6 1/2 pounds.

K15217—List Price, \$24.75.

YOUR PRICE .. **\$14.55**



## All Aluminum Baffle

For 12 Inch Cone Speakers

K15176—Baffle only, no speaker included. List Price, \$9.00.  
YOUR PRICE .. **\$4.75**

A directional baffle particularly designed for dynamic or permanent magnet cone speakers. Light weight, rugged construction, resistance to weather and easy portability recommended this unit for either permanent or portable indoor or outdoor Sound Amplifying installations. Gives an even distribution of sound yet has a sufficient flare to reduce feedback difficulties to a minimum. Openings on underside of cone housing provide back pressure relief. Made of spun aluminum and easily demountable into two sections. Two loops are provided for hanging of baffle. Can also be mounted to wall or ceiling by use of standard pipe fitting and connectors. Size: Speaker Housing 12 1/2" dia., 10" dp; Speaker Bell 10" dp, 17" dia.

### Speaker Flare Only

(No Speaker Housing Included)

Same construction as above speaker bell. Particularly suited for mounting on front of Portable Speaker Carrying Cases in order to make sound from speakers carry further.

K15177—List Price, \$7.25.

YOUR PRICE .. **\$4.24**

### Floor Stand for Speaker Baffle

K15178—Stand only, no speaker or baffle included. List Price, \$20.00.  
YOUR PRICE .. **\$11.76**

For use with speaker baffle listed above. Particularly recommended for large Public Address Systems that are not permanent or where it is impractical to mount Speakers on wall or ceiling. Collapsible stand provides stable base and ease of portability. Height of stand can be adjusted from four to ten feet. Comes equipped with tilting bracket so that baffle can be placed at any angle.



# Jensen P.A. DYNAMIC SPEAKERS

FULL RANGE SOUND EQUIPMENT

## New Auditorium Types

The Best Known and Most Respected High Quality Loud Speakers Available. Used widely in the finest musical instruments and sound equipment. Recommended for every use where efficiency and accuracy of reproduction are prime requirements. They provide the most economical means of greatly increasing the power output of a Sound Amplifying System without adding to the cost of the amplifier itself. Three types of response characteristics are offered: Series M: For General Use where both voice and music are to be reproduced. Series V: For voice reproduction, provides highest efficiency in middle register. Series L: For Low response, provides highest efficiency at low frequencies up to 3000 cycles. Should be used in conjunction with tweeter and suitable filter net work for wide range sound reproduction.

### 18" Auditorium Speakers Largest, Most Powerful Speaker Made

A new speaker that has never before been equaled in performance. Distortion reduced to an unprecedented minimum; middle frequency response greatly improved; and power handling and efficiency factors increased beyond handling 25 Watts continuously (50 Watt peak load) at any volume level. 600% more efficient of Voice Coil 2 1/2". Field Coil wattage: maximum 33, normal 26, minimum 20. Height overall 18 1/2", depth 10 3/4". Shipping weight 78 lbs. for A.C. models, 68 lbs. for D.C. models. Hum bucking coil included on all models. All models are supplied with 1000 ohm line transformer tapped at 500 ohms. This is the correct transformer to match Radolek Amplifiers. Other impedance values can be obtained on special order.

**"A.C." Type**  
Field excitation from rectified 105-120 volt 60 cycle A.C. supply. Rectifier unit with type 82 tube included. Supplies correct wattage to field for most efficient operation. Complete with input transformer.

Stock Number	Series	List Price	Your Price
K15450	V	\$89.50	<b>\$61.40</b>
K15451	M		
K15452	L		

### 12" Baffle Opening An Ideal Public Address Speaker

Second only to the new Jensen 18" speakers described at left, 400% more efficient than conventional models. Adding one of them to an amplifying system is equal to using type 2A3 tubes in place of 2A5's, or using 6L6's in place of 2A5's. Capable of carrying 18 Watts continuously (40 Watt peak load) with perfect fidelity at any volume level. Voice coil impedance 8 ohms at 400 cycles. Field coil wattage: maximum 33, normal 26, minimum 20. Mt. overall 13 1/2", depth 8 3/4". Shipping wt. 56 lbs. for A.C. models, 46 lbs. for D.C. models. Hum bucking coil included on all models. All models are supplied with 1000 ohm line transformer tapped at 500 ohms. This is the correct transformer to match Radolek Amplifiers. Other impedance values can be obtained on special order.

**"A.C." Type**  
Field excitation from rectified 105-120 volt 60 cycle A.C. supply. Rectifier unit with type 82 tube included. Supplies correct wattage to field for most efficient operation. Complete with input transformer.

Stock Number	Series	List Price	Your Price
K15464	V	\$76.50	<b>\$52.47</b>
K15465	M		
K15466	L		



**"D.C." Type**  
For field excitation from Amplifier. Supplied with 3,000 ohm resistance field—the correct resistance for Radolek 15 and 30 Watt A.C. Amplifiers. Other field resistances can be supplied to your specifications. Input transformer included.

Stock Number	Series	List Price	Your Price
K15453	V	\$64.50	<b>\$44.25</b>
K15454	M		
K15455	L		

**"D.C." Type**  
For field excitation from Amplifier. Supplied with 3,000 ohm resistance field—the correct resistance for Radolek 30 and 50 Watt A.C. Amplifiers. Other field resistances can be supplied to your specifications. Input transformer included.

Stock Number	Series	List Price	Your Price
K15467	V	\$51.50	<b>\$35.33</b>
K15468	M		
K15469	L		

## New Concert Types

For fine Radio and Musical Instruments . . . Monitoring and Audition . . . Theatre and Public Address . . . for any purpose where exceptional power handling ability and high quality performance are essential at moderate cost. These speakers are the most practical types for most Sound Amplifying Installations.

### 12" Cone-Model B-12-X

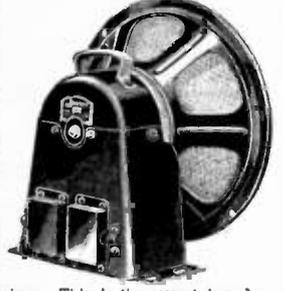
An unusually strong, rugged speaker, similar in performance and characteristics to the "Model A-12" except that efficiency and power handling capacity is slightly lower. Typically Jensen construction with a uniform and brilliant tone. Power handling capacity, 10 Watts continuously, (18 Watt peak). Voice coil impedance 8 ohms at 400 cycles. Field coil wattage: maximum 12, normal 10, minimum 8. Height 12 1/2". Hum bucking coil included. Supplied with 1000 ohm line transformer tapped at 500 ohms. This is the correct impedance transformer to match Radolek amplifiers. Other impedance values can be supplied on special order. Shipping weight, 11 pounds.

For field excitation from 6 Volt Storage Battery. For use with Radolek 20 Watt Mobile Amplifier and other sound truck amplifiers or where power lines are not available.  
K15462—List Price, \$16.50.  
YOUR PRICE **\$9.70**

### 12" Cone - Model A-12

An exceptionally fine, ruggedly constructed reproducer for either Radio or Public Address uses. Response curve is unusually flat from 30 to 5500 cycles. Is 25% more efficient than ordinary speakers. Power handling capacity, 12 Watts continuously (18 Watt peak), with perfect fidelity at any volume level. Voice coil impedance 8 ohms at 400 cycles. Field Coil wattage: maximum 18, normal 14, minimum 10. Height overall 12 1/2". Hum bucking coil included on all models. Supplied with 1000 ohm line transformer tapped at 500 ohms. This is the correct impedance transformer to match Radolek Amplifiers. Other impedance values can be supplied on special order. Shipping weight, 21 lbs.

For field excitation from Amplifier. Can obtain field supply from Radolek 15, 30 and 50 Watt A.C. Amplifiers. Complete with line output transformer.  
K15470—1000 Ohm Field.  
K15471—2500 Ohm Field.  
List Price, \$21.50.  
YOUR PRICE **\$12.64**



ohms. This is the correct impedance. Other impedance values can be supplied on special order.

For field excitation from Amplifier. Can obtain field supply from Radolek 15, 30 and 50 Watt A.C. Amplifiers. Complete with line output transformer.  
K15460—1000 Ohm Field.  
K15461—2500 Ohm Field.  
List Price, \$16.50.  
YOUR PRICE **\$9.70**

## Jensen P. M. Speakers Electro Dynamic

Equal to excited field dynamic speakers in performance. You can save money without sacrificing quality by using these speakers in the place of A.C. operated dynamic speakers. Only two wires necessary for connection. Saves time of installation, eliminates troubles due to defective field coils and decreases weight of speaker. For use in every type of Public Address Installation or Radio Set. Comes complete with line transformer of 1000 ohms tapped at 500 ohms. This is the correct impedance for use with Radolek Amplifiers.

**Model P.M. 12-C**—Similar to model B-12 P.M. except slightly lower power handling capacity. Voice Coil impedance 6 Ohms at 400 cycles. Speaker size: 12 1/2" Diameter, 6 1/2" deep. Complete with output transformer.  
K15477—List, \$15.50.  
YOUR PRICE **\$9.12**

**Model P.M. 8-E**—An excellent Permanent Magnet unit for multi-speaker installations. Power handling capacity approximately 8 Watts continuously, (10 Watts peak). Voice Coil impedance 6 ohms at 400 cycles. 8 1/2" diameter, depth 3 1/2". Complete with output transformer.  
K15478—List, \$8.50.  
YOUR PRICE **\$5.00**



**Model A-12 P.M.**—Equivalent in performance to Model A-12 D.C. Voice coil impedance 8 ohms at 400 cycles. Power handling capacity, 12 Watts (18 Watts peak). Speaker Dia. 12 1/2", D. 7 1/2", complete with output transformer.  
K15475—List, \$36.50.  
YOUR PRICE **\$21.46**

**Model P.M. 12-B**—Equivalent in performance to Model B-12. Voice coil impedance 6 ohms at 400 cycles. Power handling capacity 10 Watts (18 Watts peak). Spkr Dia. 12 1/2", D. 6 1/2" complete with output transformer.  
K15476—List, \$24.50.  
YOUR PRICE **\$14.40**

## Jensen Volume Level Controls

In many P.A. installations it is desirable to control the volume level of individual speakers. This control is particularly recommended in cases where a large amount of power is handled by a single speaker. Variation of volume does not affect other speakers in circuit. Will handle up to 50 watts input power. A variable point switch is provided with scale showing attenuation in D.B. as follows: 0-3-6-9-12-15-18. Provision is made for either panel or base mounting. Enclosed in a protective metal case, perforated for ventilation. Includes Knob.

**K6945**—For 500 ohm line  
**K6946**—For 200 ohm line  
List Price, \$18.50.  
YOUR PRICE **\$10.88**



## Jensen Speaker Field Exciters

Operates D.C. Speaker Field from 10 Volt 60 Cycle A.C. Designed for excitation of D.C. Dynamic Speaker Fields from A.C. line when no field excitation is available from Amplifier or when speaker is to be operated too far from Amplifier to make it practical to run wires for field excitation.

**Model F.S.2**—Supplies 25 to 30 watts of field excitation. This is sufficient for one "Auditorium" Speaker or two Model "A-12" or three Model "B-12" speakers. Comes complete with A.C. cord and plug and 83V Rectifier Tube.  
**K6943**—List, \$17.50.  
YOUR PRICE **\$11.99**

**Model F.S.3**—Supplies 10 Watts of field excitation which is sufficient for one Model "B-12" speaker. Comes complete with A.C. cord and plug and 2525 Rectifier Tube.  
**K6944**—List, \$7.50.  
YOUR PRICE **\$4.41**



# ALL-WAVE ANTENNA KITS

## PHILCO 1937 All-Wave Antenna

*A Dual Aerial for Reception at Maximum Efficiency on All-Wave or Dual-Wave Receivers.*

Reduces Interference on All-Wave Bands. Combines two aeri-als, connected through an Antenna Transformer to a Low Impedance Transmission Line Lead-In. Scientifically engineered. Has real merit that can be definitely demonstrated. Philco advertising makes it easy for you to sell.

**K4925**—Complete kit less set transformer.  
List Price, \$5.00. **YOUR PRICE ... \$2.94**  
**K4926**—Set transformer Only. List, \$1.75.  
**YOUR PRICE ... \$1.03**

### The Kit Includes:

- 2-30 foot length stranded 7/22 bare copper wire soldered to 65 ft. twisted pair transmission cable of No. 22 tinned copper wire, rubber covered and with overall braid;
- 1-Weather-proof Antenna Transformer.
- 1-Set transformer with switch;
- 1-Dou-blet lightning arrester;
- 2-Nail knobs;
- 2-Porcelain insulators;
- 1-Porcelain wall tube; Instructions.
- 1-Ground Clamp.
- 1-9 ft. length ground lead.

### New 1937 Design

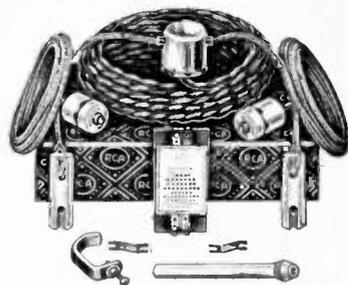
Completely re-engineered. The aerial transformer assembly consisting of 8 coils, 5 condensers and 1 resistor is connected between the two flat top leads. These coils and condensers are hooked up to form two over-coupled circuits which cover the complete broadcast and short wave bands. Uniform pick up at all frequencies is possible if aerial is connected thru a set transformer on high impedance sets. Receivers with low impedance antenna circuit can be connected directly to the transmission line.

## New RCA RK-40 Single Doublet

**Antenna System Completely Assembled**

*For reception of short-wave or Broadcast on All-Wave or Dual-Wave Sets.*

Consists of a special doublet type antenna which employs two aeri-als—one leg 19 ft. long and the other 49 ft. long—connected to an antenna junction box. A duplex transmission lead-in is wired to antenna box and coupled to receiver through a set coupling transformer. All connections are securely soldered. Factory assembling make installations easy. RCA national advertising makes it easy for you to sell.



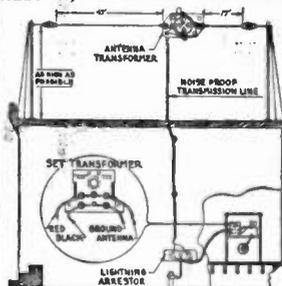
**K4927**—Model 9631. Complete as illustrated with hermetically sealed antenna junction box but less receiver coupling unit.  
List Price, \$4.75.  
**YOUR PRICE ... \$2.79**

**K4928**—Receiver Coupling Unit Only. List, 75c.  
**YOUR PRICE ... 44c**

### The Kit Includes:

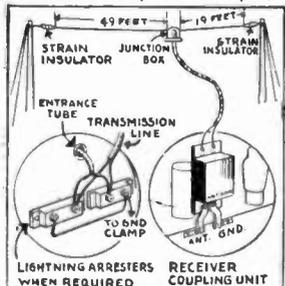
Antenna assembly comprising: 1-19' and 1-49' roll of 7/24 bare copper antenna wire; 75' roll twisted pair transmission cable of gauge 20 stranded tinned copper wire, rubber insulated, with weather-proof braid overall; Junction Box to which the two antenna wires and the transmission line are connected; Receiver Coupling Unit with two Links for attachment to "Ant." and "Gnd." terminals or clips on radio receiver; Two Nail-on porcelain knobs; Porcelain tube Lead-in Insulator; Ground Clamp. Two strain insulators attached to ends of aerial. Instructions. Completely assembled. Every connection is securely soldered.

## Radolek, R.C.A. and Philco All-Wave Aerials Improve Reception



Philco and Radolek Dual Antenna Installation Diagram.

Radolek, R.C.A. and Philco All-Wave aerials intensify weak signals and eliminate noise and local interference on all bands. With these high ef-



R.C.A. and Radolek Single Doublet Installation Diagram.

ficiency aerials more stations on all bands can be received. For use with any A.C. or battery operated All-Wave or Dual-Wave receiver.

## Radolek All-Wave Dual Antenna System



**K4935**—List Price, \$7.50.  
**YOUR PRICE ... \$3.27**

*A dual aerial for reception at maximum efficiency of short-wave or broadcast on All-Wave or Dual-Wave Receivers.*

Two lengths of aerial wire are employed—one of 17' and the other 43'. The shielded weather-proof Antenna Transformer correctly matches either section of the aerial to the low impedance lead-in. The Set Transformer permits adjusting the antenna through a two position switch for either regular broadcast or for short-waves. Installation diagram giving all details shown above.

### The Kit Includes:

- 1-18' and 1-45' roll of stranded 7/22 bare copper wire; 75' twisted pair transmission cable of rubber-covered No. 22 stranded copper wire with overall weather-proof braid; 1-Antenna Transformer;
- 1-Set Transformer; 1-Dou-blet Lightning arrester; 2-Nail knobs; 2 Porcelain insulators; 1-Porcelain wall tube; Instructions.

We guarantee that the quality of materials supplied and efficiency of Radolek All-Wave Antenna systems equal or surpass that of similar kits advertised at higher prices.

## Radolek All-Wave Doublet Antenna System



**Assembled and Soldered—Ready to Hang**

**K4937**—Kit Less Set Coupler.  
List Price, \$2.50. **YOUR PRICE ... 97c**

**K4938**—Kit with Set Coupler.  
List Price, \$3.50. **YOUR PRICE ... \$1.79**

**K4939**—Set Coupler Only.  
List Price, \$1.50. **YOUR PRICE ... 84c**

For the reception of short-waves and broadcast with All-Wave or Dual-Wave receivers. The doublet antenna construction greatly increases the strength of the short-wave signals. Two 22-ft. aeri-als are connected to a weather-proof twisted pair lead-in which is connected to the receiver through a shielded set coupling transformer. The signal is brought down without loss of energy or interference pickup. A manual capacity adjustment on set coupler permits compensation for all antenna and receiver impedance variations.  
**Contents of Kit:** 2-25' lengths of No. 16 solid enameled copper wire; 35' of Duplex Lead-in of No. 19 solid enameled copper wire double cotton served with braid overall; 1-Receiver Coupler; 3-Porcelain insulators; 2-3" Stand-off Insulators; 1-Ground Clamp; Instructions.

## Radolek 1936 Model Single Doublet Antenna System



See Installation diagram above

Guaranteed to provide the maximum results with any All-Wave or Dual-Wave radio under all receiving conditions.

Exactly duplicates the performance of higher priced nationally advertised single doublet systems. Aerials employed and installation details are illustrated in above diagram. A shielded weather-proof, antenna junction box matches the aeri-als to the dual transmission line giving additional noise reduction on standard broadcast. Receiver coupling unit has switch for Broadcast or Short Wave reception.

**K4936**—Complete as illustrated with hermetically sealed antenna junction Box and receiver coupling unit. List, \$5.00.  
**YOUR PRICE ... \$2.49**

### The Kit Includes:

1-20' and 1-50' roll of 7/24 bare copper wire; 76' roll twisted pair transmission cable of gauge 20 stranded tinned copper wire, rubber insulated, with weather-proof braid overall; Antenna Junction Box; Receiver Coupling Unit; Two Nail-on porcelain knobs; Porcelain tube Lead-in Insulator; Two porcelain strain insulators; Ground Clamp. Instructions and Installation diagram.

## Variable Impedance Matching Antenna Unit Rejects Noise

*For Use with Any Aerial Using a Two Conductor Lead-In*



Matches any type of aerial using a two conductor lead-in to any All-Wave or Dual-Wave receiver. The desired signal is increased and interference eliminated. Perfect matching of the aerial and transmission to the input circuit of the receiver results in maximum signal strength on all-waves without noise. The proper impedance is selected by turning antenna unit knob. Simple to install and operate. Housed in a completely shielded polished aluminum case.  
**K4940**—List, \$2.50. **YOUR PRICE ... \$1.47**

## Every Radolek Antenna Packed in a Colored Display Carton

All models of Radolek Antenna Systems are packed in sturdy, attractive, two color cartons. These display cartons help you sell Radolek Antennas. Sell Radolek Antenna Systems at the full list prices plus your installation charge.



# GENUINE PHILCO REPLACEMENT PARTS FOR ALL PHILCO HOME RADIOS

RADOLEK

(Asterisks or Numbers in Parentheses Following Part Numbers Refer to Notes on Page 137)

RADOLEK

Philco Receiver	Volume Control		Tone Control		Electrolytic Condensers		Filter Condenser		Power Transformer		Audio Transformers		Filter Choke		R. F. Transformers		I. F. Transformers		Osc. Transformers		Dial Assembly		Pilot Lamp				
	Model Number	Philco Number	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price		
<b>14</b> (Early)	8054		\$0.88	06698	\$0.44	4916(1) 7558(2)	\$0.88 .74	04830	\$0.53	8804	\$3.23	6064	\$1.03	4819	\$1.06	05984 05985	\$0.32 .29	04319 04320	\$0.53 .53	05983	\$0.44	06817	\$0.21	6608	\$0.06		
<b>14</b> (With Pollee)	8054		.88	06698	.44	30-2024 30-2025	.65 .79	30-2007	.53	6804	3.23	6064	1.03	4819	1.06	32-1069 32-1070	.44 .47	04319 04320	.53 .53	05983	.44	31-1026	.21	6608	.06		
<b>14</b> (Late)	33-5024*		.85	30-4073	.44	30-2003	.56	30-2022(6) 30-2025	.59 .79	32-7111	3.97	32-7057	2.06	32-7115	1.06	32-1261 32-1256	.41 .32	32-1263 32-1264	.38 .38	32-1262	.38	31-1118(8) 31-1026(5)	.65 .21	6608	.06		
<b>15</b> (Early)	7050(10) 8054(11)		.58 .88	04787(10) 30-4004(11)	.44 .44	6706 & 30-2025(10) 4916(11)	.91 .79 .88	03489	1.23	6672	4.41	5662	1.92	3422	1.76	04981 04982 05033	.32 .24 .38	03038 04979 03345	.53 .32 .53	04983	.29	4276(12)	.15	6608	.06		
<b>15</b> (Later)	8054		.88	04787	.44	4916	.88	03489	1.23	6672	4.41	6064	1.03	3422	1.76	32-1143 32-1144 32-1145	.59 .59 .59	03038 04979 03345	.53 .32 .53	04983	.29	4276(12)	.15	6608	.06		
<b>16</b> (Codes 121-2-3)	33-5022*		.85	30-4069(16)	.44	30-2069(15) 3706 & 7558(5)	1.12 .91 .73	30-4026	2.12	32-7058(14) 32-7080(13)	3.68 3.18	32-7057	2.06	32-7056	1.29	HF 32-1183 BC 32-1182	.29 .32	32-1186 32-1186 32-1188	.38 .38 .38	HF 32-1185 BC 32-1184	.35 .21	31-1058(18)	.71	6608	.06		
<b>16</b> (Codes 125-6-7)	33-5022*		.85	30-4204	.44	30-2078 30-2023(19) 30-2089(20)	1.43 .65 1.12	30-2045(19) 30-2046(20)	1.06 1.09	32-7291(19) 32-7283(20)	4.12 4.12	32-7057	2.06	32-7056	1.29	32-1467 32-1468	1.47 1.35	32-1188 32-1470 32-1188	.38 .59 .38	32-1469	1.41	31-1363	.44	34-2031	.07		
<b>17</b>	33-5023*		.85	30-4070	.44	30-2078 30-2023(19) 30-2069(20)	1.43 .65 1.12	30-2045(19) 30-2046(20)	1.06 1.09	32-7058(14) 32-7080(13)	3.68 3.18	32-7057	2.06	32-7056	1.29	32-1170 32-1171	.50 .50	32-1173 32-1174	.53 .44	32-1172	.53	31-1066	.29	6608	.06		
<b>18</b> (Codes 121-2-3)	33-5024*		.85	30-4073	.44	6706(22) 30-2025 30-2003(22)	.91 .79 .56	30-2029	1.09	32-7111	3.97	32-7114	1.76	32-7115	1.06	32-1255 32-1256	.32 .32	32-1258 32-1258	.32 .32	32-1257	.35	31-1066(32)	.29	6608	.06		
<b>18</b> (124)	33-5069		.58	30-4073	.44	30-2025	.79	30-2045	1.06	32-7111	3.97	32-7114	1.76	32-7115	1.06	32-1396 32-1397	.35 .29	32-1288 32-1258	.32 .32	32-1398	.26	31-1207	.29	6608	.06		
<b>19</b> (Early)	33-5004		.85	30-4003	.44	8085 9095	.62 .62	06624	.53	9046	2.06	<b>RADOLEK</b>				06619 06622	.52 .32	06621 06622	.35 .71	06620	.53	06697(5) 96786(13)	.32 .29	6608	.06		
<b>19</b> (With Pollee)	33-5000		.85	30-4003	.44	30-2026 9186(9)	.70 .62	06624	.53	9046	2.06					32-1062 32-1063	.41 .29	06621 06622	.35 .71	06620	.53	31-1028(9) 31-1024(24) 31-1025(59)	.21 .24 .21	6608	.06		
<b>19</b> (Code 128)	33-5000		.85	30-4003	.44	30-2026	.70	30-2062	1.53	32-7170	2.65			<b>RADOLEK</b>		32-1062 32-1063	.41 .29	32-1315 06622	.32 .71	06620	.53	31-1025 31-1024(25)	.21 .24	6608	.06		
<b>20</b>	4094		1.06	<b>RADOLEK</b>		<b>RADOLEK</b>		4235	2.65	4234	4.12	4232	1.32	4231	1.06	3884N 3884P	.53 .62	<b>RADOLEK</b>				4209B	.29	3463	.06		
<b>21</b>	4094		1.06			4818	1.06	<b>RADOLEK</b>		4813	4.12	4232	1.32	4819	1.06	3884N 3884P	.53 .62			<b>RADOLEK</b>		4209B	.29	3463	.06		
<b>28</b>	33-5066*		.85	30-4211	.44	30-2083	1.00	30-2083	1.00	<b>RADOLEK</b>						6658 32-7018	.88 .88	32-1360	.35	32-1362 32-1363 32-1364	.88 .88 .91	32-1361	.38	31-1208	.26	4567	.06
<b>29</b>	33-5097*		.85	30-4178	.44	30-2026	.70	30-2073	1.85	32-7229	3.09			32-7018	.88	32-1360	.35	32-1362 32-1363 32-1364	.88 .88 .91	32-1361	.38	31-1208	.26	6608	.06		
<b>30</b>	4093		.82	04787	.44							3242	1.62	3518	1.94	4182A 4182B	.44 .71					03031	.44	5316	.13		
<b>32</b>	33-5063		.58	06764	.29	30-2026 30-2014	.70 .88			32-7218	2.91			32-7213	.94	32-1062 32-1063	.47 .29	32-1289 06622	.35 .71	06620	.53	31-1025	.21	4567	.06		

THE RADOLEK COMPANY

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<b>34</b>	33-5064*	.85	30-4152(26)	.29		30-4151	.59		7233	1.03			HF 32-1271 BC 32-1270	.41 .32	32-1341 32-1341 32-1342	.79 .79 .79	HF 32-1273 BC 32-1272	.21 .41	31-1162	.74	5316	.13		
<b>35</b>	5317	1.06	04757	.29					5315	1.32	5314	1.23	03320 03083	.53 .38	03009 03092	.62 .59	03321	.35	03031	.44	5316	.13		
<b>37</b>	7239	1.06	<b>RADOLEK</b>			03915	.76		7233	1.03			05726 05727	.38 .32	05697 05698	.71 .75	05728	.47	05811	.24	5316	.13		
<b>38</b>	33-5017	.58				03915	.76		7233	1.03			32-1208	.29	32-1251 32-1252	.62 .62	32-1209	.44	31-1084	.21	5316	.13		
<b>38</b> (Code 123)	33-5094	.58				03915	.76		7233	1.03			32-1518	.35	32-1290 32-1291	.32 .32	32-1519	.35	31-1409	.18	5316	.13		
<b>40</b>	4056	.58	04787	.44		4067	3.88		3872	1.47	3422	1.76	3884A 3884B 3884C	.53 .38 .59					3794(12)	.12	3463	.06		
<b>41 &amp; 42</b>	4094	1.06	04787	.44		4067	3.88	<b>RADOLEK</b>	3872	1.47	3422	1.76	3884A 3884B 3884C	.53 .38 .59					3794(12)	.12	3463	.06		
<b>43</b>	6892*	.85	05174	.29	4916	.88	05239	.71	7074(27)	2.65			5930	1.03	05189 05624	.55 2.30	05185 05186	.38 .38	05184	.85	05418	.38	6608	.06
<b>44</b>	33-5025*	.85	30-4080	.29	30-2026	.70	30-2079	1.41	32-7137	2.31			5930	1.03	HF 32-1270 BC 32-1271	.32 .41	32-1274 32-1306	.32 .53	HF 32-1273 BC 32-1272	.21 .41	31-1107	.65	6608	.06
<b>45</b>	33-5097*	.85	30-4178	.44	30-2030	1.12	30-2079	1.41	32-7226	2.50			32-7018	.88	32-1360	.35	32-1362 32-1363 32-1364	.88 .88 .91	32-1361	.38	31-1208	.26	6608	.06
<b>46</b>	4141	1.06			<b>RADOLEK</b>	4860	3.08		4862	1.18			3884X 3884Y	.47 .38	<b>RADOLEK</b>				4209B	.29	3463	.06		
<b>47</b>	6499	.58	04757	.29		05003	2.47		6064	1.03	6712 5314	.88 1.23	04339(28) 05093(28)	.53 .26	05094 05095	.35 .35	04186 (29)	.71	04832(31)	.26	6608	.06		
<b>48</b>	6415*	.58				05589	.71				4819	1.06	05848 05849	.38 .32	03887 03887	.88 .88	06665	.50	05811	.24	6608	.06		
<b>49</b>	33-5059*	.85	30-4043	.44		04357 30-4140	.44 .47		32-7211	1.32	32-7213 32-7018	.94 .88	32-1379 32-1427	.41 .53	32-1381 32-1424	.88 .94	32-1428	.41	31-1205	.29	4567	.06		
<b>50</b>	5232	1.06			4916	.88	03450	.88	5266	2.50			<b>RADOLEK</b> 03283 03284	.53 .53			<b>RADOLEK</b>		03322	.35	3463	.06		
<b>51 &amp; 52</b>	6415	.58			4916	.88	03915	.76	5266	2.50			03880(33) 03881(33)	.53 .53	03887 03886	.88 .71	03882 (34)	.62	04031(36)	.26	3463	.06		
<b>53</b>	33-5001*	.85			30-2000 30-2001	.71 .73	30-4000	.71			32-7001	.47	32-1000	.29	32-1002	.47	32-1001	.47	28-1021(12)	.84				
<b>54</b>	33-5010*	.85			30-2002 30-2001	.76 .73	30-4023	.71			32-7036	.53	32-1117	.88	32-1115 32-1195 (37)	.47 .53	32-1118	.71	<b>RADOLEK</b>		4567	.06		
<b>57</b>	33-5011*	.85			30-2013	1.15	30-2013	1.15	32-7064(38)	1.91			32-1163	.35	32-1155	.71	32-1168	.50	27-5085(12)	.89				
<b>58 &amp; 59</b>	33-5057*	.85			30-2013	1.05	30-2013	1.15	32-7064(38)	1.91	<b>RADOLEK</b>		32-1163	.35	32-1155	.71	32-1168	.50	27-5023(12) 27-5048(12)	.89 .89	6608	.06		
<b>60</b>	33-5006*	.85	30-4008	.29	7558	.73	30-4063(41)	.50	8046	2.06			32-1047	.38	32-1304 (40) 32-1305 (40)	.38 .32	32-1048	.44	31-1090	.21	6608	.06		
<b>65</b>	3528	.71	<b>RADOLEK</b>			3515	7.94	3518	4.41	3537	1.85	3422	1.76	3506B 3506A	.65 .88			<b>RADOLEK</b>		3398(12)	.86	3463	.06	
<b>66</b>	33-5006*	.85	30-4212	.29	30-2021	.68	30-2079	1.41	8046	2.06			32-7018	.88	32-1412	.50	32-1414 32-1415	.59 .59	32-1413	.35	31-1234	.18	6608	.06
<b>70</b>	5039	1.06	04757	.29	4916	.88	04559	.71	5117	3.82			4819	1.06	03082 03083	.44 .38	03091 03092	.53 .59	03084	.35	03031	.44	3463	.06
<b>70 (AVC)</b>	6015	.58	04757	.29	4916	.88	04559	.71	5117	.82			4819	1.06	04339 04185	.53 .35	04190 03038	.79 .53	04186	.71	03031	.44	3463	.06

Philco Home Radio Replacement Parts — Continued On Next Page

# PHILCO HOME RADIO REPLACEMENT PARTS (Continued From Previous Pages)

(Asterisks or Numbers in Parenthesis Following Part Numbers Refer to Notes on Page 137)

RADOLEK

RADOLEK

Philco Receiver	Volume Control		Tone Control		Electrolytic Condensers		Filter Condenser		Power Transformer		Audio Transformer		Filter Choke		R. F. Transformer		I. F. Transformers		Osc. Transformers		Dial Assembly		Pilot Lamp		
	Model Number	Philco Number	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price
<b>71</b>	6499		<b>\$0.58</b>	04787(42)	<b>\$0.44</b>	6453 4916 6706	<b>\$0.88</b> <b>.91</b>	05324	<b>\$0.71</b>	6454(45)	<b>\$2.65</b>			04339(43) 04185(43)	<b>\$0.53</b> <b>.53</b>	04190 04319	<b>\$0.29</b> <b>.53</b>	04186 (44)	<b>\$0.71</b>	04832(47)	<b>\$0.26</b>	6808	<b>\$0.06</b>		
<b>76 &amp; 77</b>	3879 4094		<b>.58</b> <b>1.06</b>	04787	<b>.44</b>	<b>RADOLEK</b>		3870	<b>4.41</b>	3868	<b>5.29</b>	3872	<b>1.47</b>	3422	<b>1.76</b>	3884A 3884B 3884C	<b>.53</b> <b>.38</b> <b>.59</b>	<b>RADOLEK</b>		3794(12) 4118(12)	<b>.12</b> <b>.24</b>	3463	<b>.06</b>		
<b>80</b>	33-5005*		<b>.85</b>			7467	<b>.62</b>	30-2025	<b>.79</b>	7421	<b>1.91</b>			<b>RADOLEK</b>	05831(48)	<b>.29</b>	06100	<b>.88</b>	05832 (49)	<b>.47</b>	05828(51)	<b>.15</b>	6608	<b>.06</b>	
<b>81</b>	33-5002*		<b>.58</b>			7467	<b>.62</b>	30-2025	<b>.79</b>	7421	<b>1.91</b>				32-1030	<b>.35</b>	06100	<b>.88</b>	32-1031	<b>.53</b>	27-5003	<b>.09</b>	6608	<b>.06</b>	
<b>84</b>	33-5055*		<b>.85</b>					30-2013	<b>1.15</b>	32-7180	<b>2.12</b>				32-1310	<b>.24</b>	32-1313	<b>.62</b>	32-1311	<b>.24</b>	27-5031(12)	<b>.09</b>	6808	<b>.06</b>	
<b>86</b>	3076		<b>.82</b>			<b>RADOLEK</b>		3246	<b>10.00</b>	3271	<b>4.41</b>	3242	<b>1.18</b>	3269	<b>2.50</b>	3075B 3075A	<b>.71</b> <b>.71</b>				3047(12)	<b>.06</b>	6608	<b>.06</b>	
<b>87</b>	3076		<b>.82</b>					3401	<b>8.23</b>	3400	<b>4.41</b>	3242	<b>1.18</b>	3422 3472	<b>1.76</b> <b>2.50</b>	3075B 3075A	<b>.71</b> <b>.71</b>				3398(12)	<b>.06</b>	3463	<b>.06</b>	
<b>89</b> (Early)	33-5004*		<b>.85</b>	06764	<b>.29</b>	30-2026 8166	<b>.70</b> <b>.62</b>	06624	<b>.53</b>	8046	<b>2.06</b>	<b>RADOLEK</b>				06619 06662	<b>.32</b> <b>.32</b>	06621 06622	<b>.35</b> <b>.71</b>	06620	<b>.53</b>	31-1590	<b>.24</b>	6608	<b>.06</b>
<b>89</b> (With Police)	33-5007		<b>.58</b>	06764	<b>.29</b>	30-2026 8166	<b>.70</b> <b>.62</b>	06624	<b>.53</b>	8046	<b>2.06</b>					32-1062 32-1063	<b>.41</b> <b>.29</b>	06621 (55) 06622	<b>.35</b> <b>.71</b>	06620	<b>.53</b>	31-1025	<b>.21</b>	6608	<b>.06</b>
<b>90</b> (2-45's)	5039		<b>1.06</b>	04787	<b>.44</b>	4916	<b>.88</b>	<b>RADOLEK</b>		4938	<b>4.41</b>	4952	<b>1.62</b>	4819	<b>1.06</b>	03013 03014 03015	<b>.44</b> <b>.29</b> <b>.35</b>	03009 03143	<b>.62</b> <b>.71</b>	03016	<b>.35</b>	03031	<b>.44</b>	3463	<b>.06</b>
<b>90</b> (1-47)	5724		<b>.58</b>	04787	<b>.44</b>	4916	<b>.88</b>			5362	<b>3.68</b>			4819	<b>1.06</b>	03360 03014 03015	<b>.38</b> <b>.29</b> <b>.35</b>	03009 03345	<b>.62</b> <b>.53</b>	03016	<b>.35</b>	03031	<b>.44</b>	3463	<b>.06</b>
<b>90</b> (2-47's)	6015		<b>.58</b>	04787	<b>.44</b>	4916	<b>.88</b>	04407	<b>.71</b>	6072	<b>3.68</b>	6064	<b>1.03</b>	4819	<b>1.06</b>	04317 04408	<b>.47</b> <b>.71</b>	04319 04320	<b>.53</b> <b>.53</b>	04409	<b>.47</b>	03031	<b>.44</b>	3463	<b>.06</b>
<b>91</b> (Early)	6499		<b>.58</b>	04787	<b>.44</b>	2-4916(1) 6706 & 30-2025(2)	<b>.88</b> <b>.91</b> <b>.74</b>	04830	<b>.53</b>	6554(1) 6557(2)	<b>3.06</b> <b>3.53</b>	6064	<b>1.03</b>	4819	<b>1.06</b>	04317 04409	<b>.47</b> <b>.47</b>	04319 04320	<b>.53</b> <b>.53</b>	04408	<b>.71</b>	04832(58)	<b>.26</b>	6808	<b>.06</b>
<b>91</b> (Late)	8054		<b>.88</b>	04787(7)	<b>.44</b>	2-4916(1) 2-7558(2)	<b>.88</b> <b>.73</b>	04830	<b>.53</b>	6554(1) 6804(2)	<b>3.06</b> <b>3.23</b>	6064	<b>1.03</b>	4819	<b>1.06</b>	32-1069 32-1070	<b>.44</b> <b>.29</b>	04319 04320	<b>.53</b> <b>.53</b>	05985	<b>.29</b>	<b>RADOLEK</b>		6808	<b>.06</b>
<b>95</b>	3790		<b>.91</b>	<b>RADOLEK</b>				3754	<b>4.41</b>	3752	<b>4.70</b>	3537	<b>1.85</b>	3422	<b>1.76</b>	3744A 3744B 3744C	<b>.88</b> <b>.71</b> <b>1.06</b>	<b>RADOLEK</b>				3794(12)	<b>.12</b>	3463	<b>.06</b>
<b>96</b>	4093		<b>.82</b>	04787	<b>.44</b>			3754	<b>4.41</b>	3752	<b>4.70</b>	3637	<b>1.85</b>	3422	<b>1.76</b>	3744A 3744B 3744C 3775B	<b>.88</b> <b>.71</b> <b>1.06</b> <b>.50</b>					4118(12)	<b>.24</b>	3463	<b>.06</b>
<b>111-112</b> (2-45's)	4093		<b>.82</b>	04787	<b>.44</b>	<b>RADOLEK</b>		3754	<b>4.41</b>	4446	<b>5.49</b>	3537	<b>1.85</b>	3422	<b>1.76</b>	38848 3884T 3884V	<b>.47</b> <b>.32</b> <b>.59</b>	03038 03039 03040	<b>.53</b> <b>.59</b> <b>.53</b>	3884U	<b>.53</b>	4276(12)	<b>.15</b>	3463	<b>.06</b>
<b>112</b> (2-47's)	4093		<b>.82</b>	04787	<b>.44</b>	4916	<b>.88</b>	03489	<b>1.23</b>	5594	<b>5.49</b>	5662	<b>1.90</b>	5643	<b>1.06</b>	38848 3884T 3884V	<b>.47</b> <b>.32</b> <b>.59</b>	03038 03039 03040	<b>.53</b> <b>.59</b> <b>.53</b>	3884U	<b>.53</b>	4276(12)	<b>.15</b>	3463	<b>.06</b>
<b>118</b>	33-5024*		<b>.85</b>	30-4186	<b>.44</b>	30-2025 30-2045	<b>.79</b> <b>1.06</b>	30-2078	<b>1.44</b>	32-7111	<b>3.97</b>	32-7114	<b>1.76</b>	32-7115	<b>1.06</b>	32-1378 32-1379	<b>.59</b> <b>.41</b>	32-1381 32-1424	<b>.88</b> <b>.94</b>	32-1380	<b>.41</b>	31-1205	<b>.29</b>	6608	<b>.06</b>
<b>144</b>	33-5068*		<b>.85</b>	30-4168	<b>.44</b>	30-2026	<b>.70</b>	30-2073	<b>1.85</b>	32-7234	<b>2.50</b>	<b>RADOLEK</b>		32-7018	<b>.88</b>	HF 32-1271 D 32-1270	<b>.41</b> <b>.32</b>	32-1369 32-1306 32-1307	<b>.88</b> <b>.53</b> <b>.47</b>	HF 32-1273 BC 32-1272	<b>.21</b> <b>.41</b>	31-1206(63)	<b>.74</b>	6608	<b>.06</b>

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200	33-5071*	.88	30-4196	.44	30-2069 30-2080	1.12 1.09	30-2046	1.09	32-7258	4.41		32-7056	1.29	32-1420 32-1421 32-1422	.35 .26 .53	32-1403 32-1403 32-1404	.74 .74 .74	32-1423	.26	31-1255	.35	6608	.06	
201	33-5071*	.88			30-2080 30-2089	1.09 1.12	30-2046	1.09	32-7258	4.41		32-7018 32-7056	.88 1.29	32-1481 32-1482	.44 .59	32-1483 32-1484	.68 .76	32-1504	.41	31-1205	.29	34-2040	.09	
470	5039	1.06	04767	.29	4916	.88	<b>RADOLEK</b>	5117	3.82			4819	1.06	03089 03083	.44 .38	03091 03092	.53 .59	03084	.35	03031 03890	.44 .35	3463	.06	
490	5724	.58	04787	.44	4916	.88	03327	.71	5362	3.68		4819	1.06	03360 03014 03015	.38 .29 .35	03009 03345	.62 .53	03016	.35	03031 03890	.44 .35	3463	.06	
511	3076	.72					Z-406	5.88	3073	4.41		Z-224	2.50	3075B 3075A	.71 .71			<b>RADOLEK</b>		3047(12)	.06	6608	.06	
610	33-5106	.85	30-4318	.30	30-2118 30-2025 30-2025	.97 .79 .79			32-7381	2.35				32-1669	.68	32-1671 32-1672	.79 .79	32-1670	.82	27-5097 (Scale)	.15	34-2064	.06	
611	33-5114	.85	30-4345	.30	30-2125 30-2124 30-2124	.72 .44 .44						32-7452	.88 .53	32-1781	.68	32-1671 32-1672	.79 .79	32-1831	.88	27-5097 (Scale)	.15	53-16	.14	
620	33-5105	.85	30-4316	.45	30-2118 30-2079	.97 1.41			32-7381	2.35				32-1699 32-1636	1.77 1.92	32-1646 32-1647	1.33 1.33	32-1637	1.47	27-5098 (Scale)	.15	34-2064	.06	
623	33-5142	.85	30-1344	.30	30-2127	.88					32-7454	.94		32-1699	1.77	32-1671 32-1672	.79 .79	32-1831	.88	27-5097 (Scale)	.15	34-2065	.21	
630	33-5105	.85	30-4332	.45	30-2118 30-2073	.97 1.85			32-7384	3.25				32-1699 32-1636	1.77 1.92	32-1646 32-1647	1.33 1.33	32-1637	1.47	27-5098 (Scale)	.15	34-2064	.06	
640	33-5113	.85	30-4333	.45	30-2114 30-2025 30-2117	1.33 .79 .88			32-7462	3.55	32-7471	1.25		32-1708 32-1709	2.35 2.20	32-1835 32-1836	.95 .95	32-1710	1.77	27-5103 (Scale)	.18	6608 34-2064	.06 .06	
641	33-5116	.85	30-4333	.45			30-4355 30-4356 30-4357	1.33 .70 .76			32-7211	1.40	32-7476 32-7213	.73 .94	32-1827 32-1828	1.41 1.18	32-1711 32-1830	1.18 1.18	32-1829	1.03	27-5125	.18	34-2068	.10
642	33-5120	.85	30-4332	.45	30-2132	.42				3242	1.62	32-7215	.53	32-1867 32-1868	1.77 1.77	32-1843 32-1844	.88 .88	32-1869	1.47	27-5098 (Scale)	.15	34-2068	.10	
643	33-5119	.85	30-4352	.45	30-2127	.88				32-7473	1.03			32-1806 32-1807	1.92 1.77	32-1809 32-1810	.88 1.18	32-1808	1.47	27-5124 (Scale)	.15	34-2065	.21	
650	33-5108	.85	30-4343	.45	30-2122 30-2045 30-2025	1.09 1.06 .79			32-7402	2.65	32-7114	1.18	32-7115	.53	32-1708 32-1709	2.35 2.20	32-1835 3-21836	.95 .95	32-1710	1.77	27-5703 (Scale)	.18	34-2064	.06
660	33-5110	.85	30-4343	.45	30-2122 30-2045 30-2025	1.09 1.06 .79			32-7440	3.55	32-7057	1.62	32-7056	1.30	32-1750 31-1751	1.92 1.77	32-1842 32-1865 32-1888	1.18 .58 .38	32-1752	1.33	27-5113 (Scale)	.18	6608 34-2039	.06 .09
680	33-5117	.59			30-2028 30-2130 30-2129	1.27 1.27 .97	30-4384	.30	32-7455	4.70	32-7446	1.03	32-7056	1.30	(67)		32-1837 AVC	.41	Bds. 1, 2 3 and 4 32-1815	1.47	27-5127 (Scale)	.24	6608 34-2039	.06 .09

**See Following Pages for a Complete Listing of Philco Auto Radio Parts**

**Radolek's Policies Help Make Your Business More Profitable**

**Explanatory NOTES for Philco Home and Auto Radio Parts Listing**

**You Can Depend on Radolek for All Your Radio Requirements**

*R. F. and I. F. Transformers are listed in the order they appear in circuit diagrams.*

- \* Switch is included with Vol. Control.
- \*\* Vol. Control only. Switch is part No. 4705.
- (1) One-Speaker sets.
- (2) 2-Speaker sets.
- (3) LZX only; code 222 is 42-1031; code 121 is 42-1019.
- (4) Code 222.
- (5) Code 122.
- (6) Code 123 uses two 30-2014.
- (7) Models with base comp: 06698.
- (8) Code 123 (RX).
- (9) Code 125.
- (10) Code 221.
- (11) Code 223.
- (12) Scale only.
- (13) Code 121.
- (14) Code 122 and 123.
- (15) Code 121 (two used).
- (16) Run 14 & 15: 30-4168; run 16 & after 30-4204

- (17) Code 123: 31-1077.
- (18) Code 123: 31-1115.
- (19) Code 125.
- (20) Code 126 & 7.
- (21) Code 123: 31-1078.
- (22) After run 6, use one 30-2045 in place of these two.
- (23) Code 123: 31-1117.
- (24) Code 124-5 (LZ&LZX).
- (25) Code 129 (LZ).
- (26) Run 3 and after: 30-4168.
- (27) Code 221: 6895.
- (28) Code 123 or 223: 05988, 06146.
- (29) Code 123 or 223: 05987.
- (30) Code 123 or 223: 06144. Code 125: 06523.
- (31) Code 123 or 223: 05992.
- (32) Code 123: 31-1118.

**Radolek Leads in the Public Address Field**

- (33) Code 123 & 223: 05726, 05727.
- (34) Code 123 & 223: 05728.
- (35) Code 123 & 223: 10/19/32: 05829; after 10/19/32: 06359.
- (36) Code 123 & 223: 10/19/32: 05811; after 06358.
- (37) Before run 4: 32-1116.
- (38) Before run 4: 32-7046.
- (39) Run 6 and after: 42-1043.
- (40) Run 6 and after: 32-1304, 32-1305.
- (41) Before run 3: 30-4013.
- (42) Before run 3: 05153.
- (43) Code 123 or 223: 05988, 05989.
- (44) Code 123 or 223: 05987.

- (45) Two-speaker sets: 6457.
- (46) Code 123 or 223: 05986. Code 125: 06581.
- (47) Code 123, 223 & 125: 05992.
- (48) Above run 12: 06888; with dial to 170: 32-1125.
- (49) Above run 12: 06887; with dial to 170: 32-1120.
- (50) With dial to 170: 31-1031.
- (51) With dial to 170: 31-1032.
- (52) Before run 4: 05794.
- (53) Before run 4: 05828.
- (55) After run 2: 32-1289.
- (56) Before run 5: 31-1010.
- (57) Code 123 & 223: 05982.
- (58) Code 123 & 223: 05992.
- (59) Code 126.
- (60) Later Prod: 31-1290.
- (61) Code 125: 42-1078.
- (62) Code 125: 31-1368.
- (63) Code 125: 31-1363.
- (64) Code 125: 34-2031.

**Make Radolek Your Source of Supply for Radio Repair Parts, Testing Equipment, Radio Receivers, Public Address Systems and Accessories**

# Philco Replacement Parts for Standard Philco Auto Radios

(Asterisks or Numbers in Parenthesis Following Part Numbers Refer to Notes on Page 137)

Philco Receiver	Volume Control & Switch		Tone Control		Filter Choke		Control Shafts Tuning				Filter Condenser		Power Transformer		R. F. Transformer		I. F. Transformers		Osc. Transformers		Dial Assembly		Pilot Lamp				
	Model Number	Philco Number	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price		
3				RADOLEK											4401A	50.59	RADO LEK										
		4463**	\$1.06					4507	.38						4401B	.44							4461	\$0.26	8608	\$0.06	
5		33-5009	1.00					28-8006	.71	28-8007	.71	30-2008	1.06	32-7030	1.32	32-1152	.29	30-1080	.35	32-1085	\$0.26	27-5006	.18	8608	.06		
6		7525	1.06			RADOLEK		6128	.71	6129	.71	05324	.71					06914	.41	06932	.59	06916	.56	8255	.18	8608	.06
		6109	1.06					6128	.71	6129	.71							06915	.38	05970	.59						
7-8		7322	1.06	05366	.44			6128	.71	6129	.71							04348	.53	04352	.79	04508	.71	0043	.18	8608	.06
9		7525	1.06	05366	.44			6128	.71	6129	.71	04059	.53					06914	.41	06932	.59	06916	.56	8255	.18	8608	.06
		Dir. Drive	1.00			32-7038	.68	28-8139	.65	28-8141	.71	30-2015	1.18	32-7098	1.41	32-1220	.29	32-1236	.38	32-1237	.38	32-1222	.26	27-5022	.18	8608	.06
10		38-5280	1.00	30-4056	.44			(Air Plane	.73	(Air Plane	.74																
10-122		38-5511	1.00					28-8206	.73	28-8206	.74	30-2015	1.18	32-7098	1.41	32-1220	.29	32-1236	.38	32-1237	.38	32-1222	.26	42-5173	.29	34-2039	.09
		38-5851	1.00	30-4056	.44	32-7104	.68	28-8206	.73	28-8206	.74	30-2015	1.18	32-7098	1.41	32-1220	.29	32-1236	.38	32-1237	.38	32-1222	.26	42-5173	.29	34-2039	.09
11		Dir. Drive	1.00			32-7215	.53	28-8139	.65	28-8141	.71	30-2072	1.47	32-7216	1.53	32-1331	.35	32-1329	.41	32-1332	.41	32-1333	.26	Dir. Drive	.18	8608	.06
		38-5606	1.06					(Air Plane	.73	(Air Plane	.74												Air. 42-5175	.24			
12		38-5534	1.06	05366	.44			6128	.71	6129	.71	04959	.53	RADO LEK		04348	.53	04352	.79	04508	.71	8255	.18	8608	.06		
		38-5534	1.06	05366	.44			6128	.71	6129	.71	04959	.53	RADO LEK		04348	.53	04352	.79	04508	.71	8255	.18	8608	.06		
700		38-5534	1.06	30-4180	.44	32-7215	.53	28-8206	.73	28-8206	.74	30-2072	1.47	32-7216	1.53	32-1331	.35	32-1329	.41	32-1332	.41	32-1333	.26	42-5189	.29	34-2031	.07
800		38-5534	1.06	30-4180	.44	32-7215	.53	28-8206	.73	28-8206	.74	30-2072	1.47	32-7216	1.53	32-1331	.35	32-1329	.41	32-1332	.41	32-1333	.26	42-5189	.29	34-2031	.07
		Dir. Drive	1.00	30-4142	.44	32-7104	.68	28-8139	.65	28-8141	.71	30-2015	1.18	32-7098	1.41	32-1220	.29	32-1236	.38	32-1237	.38	32-1222	.26	Dir. Drive	.18	8608	.06
800-122		38-5534	1.06					(Air Plane	.73	(Air Plane	.74												Air. 42-5173	.29			
		38-5851	1.00	30-4220	.47	32-7104	.68	28-8206	.73	28-8206	.74	30-2015	1.18	32-7098	1.41	32-1462	.65	32-1471	.65	32-1449	.65	32-1222	.26	42-5191	.24	34-2039	.09
802		38-5851	1.00	30-4208	.50	32-7104	.68	28-8206	.73	28-8206	.74	30-2015	1.18	32-7098	1.41	32-1462	.65	32-1471	.65	32-1449	.65	32-1222	.26	42-5255	.24	34-2040	.08
805		**38-6635	1.00			32-7351	.53	28-8354	.74	28-8354	.74	30-2115	1.41	32-7352	1.76	32-1655	.74	32-1650	.44	32-1651	1.18	32-1657	.44	27-7835	.15	34-2039	.09
806		**38-6605	.88	33-5101	.50	32-7351	.53	28-8354	.74	28-8354	.74	30-2109	1.47	32-7352	1.76	32-1618	.74	32-1621	.74	32-1622	1.03	32-1620	.44	27-7835	.15	34-2039	.09
808		**38-6636	1.00	33-5096	.50	32-7104	.68	28-8354	.74	28-8354	.74	30-2112	1.18	32-7352	1.76	32-1618	.74	32-1621	.74	32-1622	1.03	32-1620	.44	27-7835	.15	34-2039	.09
809		**38-6605	.88	33-5096	.50	32-7351	.53	28-8354	.74	28-8355	.82	30-2109	1.47	32-7352	1.76	32-1618	.74	32-1621	.74	32-1622	1.03	32-1620	.44	27-7835	.15	34-2039	.09
		33-5148	.59			32-7491	.56	28-8495	.68	28-8495	.68	30-2145	1.03	32-7498	1.46	32-1985	.65	32-1928	.74	32-1929	.74	32-1986	.36	42-5539	.30	34-2039	.09
816		33-5148	.59			32-7491	.56	28-8495	.68	28-8495	.68	30-2145	1.03	32-7498	1.46	32-1985	.65	32-1928	.74	32-1929	.74	32-1986	.36	42-5539	.30	34-2039	.09
817		33-5148	.59	42-1180	.15	32-7545	.53	28-8495	.68	28-8495	.68	30-2150	1.03	32-7550	1.61	32-1985	.65	32-2026	.82	32-2027	.82	32-1986	.36	42-5539	.30	34-2039	.09
818-818K		33-5149	.59	33-5150	.59	32-7545	.53	28-8495	.68	28-8499	.68	30-2150	1.03	32-7550	1.61	32-1985	.65	32-2026	.82	32-2027	.82	32-1986	.36	42-5539	.30	34-2039	.09
		33-5149	.59	33-5150	.59	32-7545	.53	28-8495	.68	28-8499	.68	30-2152	1.03	32-7550	1.61	32-1985	.65	32-2050	.82	32-2034	.82	32-1986	.36	42-5539	.30	34-2039	.09

Tone Control Shafts for Models 808 and 809—21" Long. Philco number 28-8356. Your Price, 74c—28" Long. Philco number 28-8358. Your Price, 74c Number 28-8354 is 21" long. Number 28-8355 is 28" long.

# Philco Replacement Parts For Custom Built Philco Auto Radios

Used In Ford, Packard, Nash, Plymouth, Studebaker, Pierce Arrow, Dodge, De Soto, Chrysler and Hupmobile

Philco Receiver	Model Num.	Car & Year	Volume Control & Switch		Tone Control		Filter Choke		Control Tuning		Shafts Volume		Filter Condenser		Power Transformer		R. F. Transformer		I. F. Transformer		Osc. Transformer		Dial Assembly		Pilot Lamp	
			Philco Number	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price	Philco Num.	Your Price
<b>A</b>		Packard 1934	7525	1.06	05366	.44			28-8100	0.39	28-8103	0.39	06088	0.88			32-1197 32-1198	0.44 .32	06932 05970	0.50 .59	06916	0.56	8255	0.18	6608	0.06
<b>B</b>		Packard 1934	7525	1.06	RADOLEK		32-7118	1.18	28-8100	.39	28-8103	.39	04354	.76	32-7110	1.59	32-1197 32-1198	.44 .32	06932 05970	.50 .59	06916	.56	8255	.18	6608	.06
<b>C</b>		Stude. 1934 Nash 1934	38-5280 38-5280	1.00 1.00			32-7038 32-7038	.68 .68	28-8181 28-8169	.65 .76	28-8182 28-8170	.74 .76	30-2015 30-2015	1.18 1.18	32-7098 32-7098	1.41 1.41	32-1220 32-1221	.29 .38	32-1236 32-1237	.82 .82	32-1222 32-1222	.26 .26	27-5034	.15	6608 6608	.06 .06
<b>C-122</b>		Stude. 1934	38-5935	1.00	30-4056	.44	32-7104	.68	28-8169	.76	28-8170	.76	30-2015	1.18	32-7098	1.41	32-1220 32-1221	.29 .38	32-1236 32-1237	.82 .82	32-1222	.26	27-5027	.18	34-2039	.09
<b>D</b>		Nash 1934 Stude. 1934 Chrysler 1933	38-5280	1.00	30-4056	.44	32-7038	.68	28-8181 28-8169 28-8139	.65 .76 .65	28-8182 28-8170 28-8141	.74 .76 .71	30-2015 30-2015 30-2015	1.18 1.18 1.18	32-7131	1.47	32-1220 32-1221	.29 .38	32-1236 32-1237	.82 .82	32-1222	.26	27-5034 27-5027 27-5022	.18 .18 .18	6608 6608 6608	.06 .06 .06
<b>D-122</b>		Nash 1934	38-5935	1.00	30-4056	.44	32-7104	.68	28-8181	.65	28-8182	.74	30-2015	1.18	32-7131	1.47	32-1220 32-1221	.29 .38	32-1236 32-1237	.82 .82	32-1222	.26	27-5034	.15	34-2039	.09
<b>E</b>		Pierce Arrow 1934	38-5511	1.00	30-4056	.44	32-7038	.68	28-8206	.74	28-8206	.74	30-2015	1.18	32-7098	1.41	32-1220 32-1221	.29 .38	32-1236 32-1237	.82 .82	32-1222	.26	42-5130	.29	34-2031	.07
<b>G</b>		Chrysler 1934 Dodge DeSoto Ply. 1934 Hup. 1934	33-5056	1.00	30-4127	.44 .44 .44 .44	32-7118	1.18	28-8188 28-8218 28-8201 28-8226	.47 1.32 1.41 .74	28-8198 28-8219 28-8202 28-8227	.39 1.32 1.41 .59	30-2030 30-2030 30-2030 30-2030	1.12 1.12 1.12 1.12	32-7110	1.59	32-1220 32-1221	.29 .38	32-1236 32-1237	.82 .82	32-1222	.26	42-5133 42-5122 42-5124 42-5125 42-5123 42-5208	.32 .29 .29 .32 .32 .24	34-2031 or 34-2039	.07 .09
<b>G-122</b>		Chrysler 1934 Dodge DeSoto Ply. 1934 Hup. 1934	33-5067	1.00	30-4189	.44	32-7254	.59	28-8188 28-8218 28-8201 28-8226	.47 1.32 1.41 .59	28-8198 28-8219 28-8202 28-8227	.39 1.32 1.32 .59	30-2030 30-2030 30-2030 30-2030	1.12 1.12 1.12 1.12	32-7253	1.47	32-1331 32-1332	.35 .41	32-1329 32-1237	.82 .82	32-1333	.26	42-5202 42-5204 42-5200 42-5205 42-5208	.35 .29 .32 .32 .24	34-2039 34-2039 34-2039 34-2039 34-2039	.09 .09 .09 .09 .09
<b>H</b>		Hup. 1934	38-5534	1.06	30-4142	.44	32-7104	.68	28-8214	.68	28-8214	.68	30-2015	1.18	32-7098	1.41	32-1220 32-1221	.29 .38	32-1236 32-1237	.82 .82	32-1222	.26	42-5126	.82	6608	.06
<b>H-122</b>		Hup. 1934 Pack. 1935	38-5851 38-6022	1.00 1.06	30-4208 30-4208	.50 .50	2-7104 2-7104	.68 .68	28-8214 28-8214	.68 .68	28-8214 28-8214	.68 .68	30-2015 30-2015	1.18 1.18	32-7098 32-7098	1.41 1.41	32-1462 32-1463	.65 .65	32-1471 32-1449	.82 .82	32-1222 32-1222	.26 .26	42-5125 42-5125	.82 .82	34-2039 34-2039	.09 .09
<b>J</b>		Stude. 1934 Nash 1934	38-5806 38-5806	1.00 1.00			32-7215 32-7215	.53	28-8169 28-8181	.76 .65	28-8170 28-8182	.76 .74	30-2072 30-2072	1.47 1.47	32-7216 32-7216	1.53 1.53	32-1331 32-1332	.65 .41	32-1329 32-1237	.82 .82	32-1333 32-1333	.26 .26	27-5041 27-5040	.18 .18	6608 or 34-2039	.06 .09
<b>N</b>		Ford 1934	33-5067	1.00			32-7233	.59	28-8241	.59	28-8242	.59	30-2030	1.12	32-7232	1.41	32-1331 32-1332	.65 .41	32-1329 32-1237	.82 .82	32-1333	.26	42-5166	.13	34-2038	.08
<b>Q</b>		Nash 1934 Stude. 1934	38-5806 38-5806	1.00 1.00	30-4180 30-4180	.44 .44	32-7215 32-7215	.53 .53	28-8182 28-8169	.74 .76	28-8182 28-8170	.74 .76	30-2072 30-2072	1.47 1.47	32-7216 32-7216	1.53 1.53	32-1331 32-1332	.65 .41	32-1329 32-1237	.82 .82	32-1333 32-1333	.26 .26	27-5041 27-5040	.18 .18	34-2031 34-2031	.07 .07
<b>R</b>		Chr. 8 Dod. 1934 Ply. Hup. 1934	38-5534	1.06			32-7215	.53	28-8234 28-8211	.59 2.00	28-8234 28-8214	.59 .68	30-2072 30-2072	1.47 1.47	32-7216 32-7216	1.53 1.41	32-1331 32-1332	.65 .41	32-1329 32-1237	.82 .82	32-1333 32-1333	.26 .26	42-5208 42-5176	.24 .29	6608 or 34-2039 34-2031	.06 .09 .07
<b>T2</b>		All 1935 Models Dod. 35 Ply. 35 Chr. DeSoto Hup. 1935	33-5088	1.00	30-4138	.53	32-7254	.59	28-8317 28-8317 28-8317 28-8319 28-8359	.59 .59 .59 .74 .74	28-8318 28-8318 28-8318 28-8320 28-8360	.59 .59 .59 .68 .74	30-2107	1.09	32-7315	1.41	32-1535 32-1536 32-1535	.65 .41 .65	32-1538 32-1449	.94 .82	32-1537	.32	28-2498 28-2497 28-2500 28-2496 28-2798	.53 .50 .59 .59 .44	34-2039	.09
<b>T3</b>		Pierce Arrow '35 Reo '35 Stude '35	38-6297	1.15	30-4243	.44	32-7215	.53	28-8341 28-8317 28-8336	.59 .59 .74	28-8341 28-8318 28-8336	.59 .59 .74	30-2105	1.18	32-7216	1.53	32-1535 32-1536 32-1535	.65 .41 .65	32-1538 31-1449	.94 .82	32-1537	.32	27-5084 28-2206 27-5073	.21 .18 .12	34-2040	.09
<b>T6</b>		Ford '35	33-5067	1.00	30-4243	.44	32-7233	.59	28-8331	.68	28-8332	.56	30-2030	1.12	32-7232	1.41	32-1536 32-1237	.41 .82	32-1329 32-1237	.82 .82	32-1537	.32	42-5302	.26	34-2039	.09

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THE RADIOPHILCO COMPANY

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# GENUINE RCA HOME RADIO REPLACEMENT PARTS

for R.C.A. Victor, Radiola, General Electric, Westinghouse and Graybar Receivers

For Corresponding Models of G. E., Westinghouse and Graybar See Cross Index on Page 72

R. C. A. Model	Audio Transformer		Output Transformer		Speaker Cone		Volume Control		Tone Control		Power Transformer		Filter Pack or Capacitor	
	R. C. A. Number	Your Price	R. C. A. Number	Your Price	R. C. A. Number	Your Price	R. C. A. Number	Your Price	R. C. A. Number	Your Price	R. C. A. Number	Your Price	R. C. A. Number	Your Price
R10	R7343	\$2.10	*	\$0.72	R8601	\$0.90	R3092	\$0.88	R3234	\$0.90	R7344	\$4.14	R7342	\$4.05
R11	R7271	1.31	R7258	.72	R8601	.90	R3092	.88	R3093	.81	R7272	4.80	R7269	3.24
R12	R7343	2.10	R7258	.72	R8601	.90	R3092	.88	R3234	.90	R7344	4.14	R7342	4.05
R32, RE45 R52, RE75	R10414	2.81	R10418	6.00	R10801	1.20	R10450	1.47	R10408	.75	R10415	6.89	R10417	2.10
R48	*		R7104	1.50	R8601	.90	R7129	1.47			R8609	5.95	R8608	4.80
R50, R55	R8711	2.55	*		R8558	1.20	R3142	.75	R3143	.72	R8710	5.71	R8751	2.76
Rad 80, 82, 86	R8554	4.72	*		R8558	1.20	R7061	.59	R7074	.75	R8556	5.71	R8553	5.18
118			R4505	.93	R9492	.59	R4429	.88	R4426	.21	R9511	2.87	R7790	.63
121			R6476	.85	R9428	.60	R6695	.88	R6705	.72	R9446	3.24	R6571	.22
122			R6476	.86	R9428	.60	R6695	.88	R6705	.72	R9446	3.24	R6571	.22
128			R4818	1.29	R9533	2.10	R4519	.75	R4517	.54	R9511	2.87	R7790	.63
143	R4620	1.79	R9535	4.59	R9533	2.10	R4519	.75	R4616	.77	R9505	3.81	R7790	.63
242	R4620	1.79	R4509	.80	R8969	.76	R4519	.75	R4616	.77	R9505	3.81	R7790	.63
262	R7841	2.43	R7834	2.43	R8969	.76	R4832	.88	R4829	.60	R9505	3.81	R7790	.63
281	R7785	1.44	R4506	1.71	R7000	1.13	R7798	1.23	R4829	.60	R9505	3.81	R7790	.63
320			R6476	.86	R9428	.60	R6695	.88	R6705	.72	R9446	3.24	R6571	.72
321			R6770	1.20	R8969	.76	R6695	.88	R6705	.72	R9446	3.24	R6571	.72

\* Combined with Audio or with Output Transformer.  
 Note: "R" before above part numbers is used so as not to confuse the R. C. A. repair part numbers with Radolek stock numbers.  
 Place the letter "R" before the R. C. A. number when ordering.

## RCA 3 Point Service System



### How to Get the RCA 3-Point Service System for Only \$1.50

(1) Place an order for RCA repair parts (tubes and testing equipment not included) and specify on your order an RCA 3-Point System Purchase Record Card. This record card is used for recording your purchases. (2) When you purchase of RCA repair parts including your original purchase (total \$5 we will ship at your request the entire system for \$3 along with 200 Service Tip Cards. (3) Hereafter we will ship at your request a packet containing 20 new Service Tip Cards for your file for every \$10 worth of additional purchases. (4) When your purchases total \$60, as shown on your card we will return to you \$1.50 (one-half of the purchase price). Thus you will have the whole system including 300 Service Tips for only \$1.50. (5) You may continue right on obtaining packets of tips for each \$10 of purchases. No duplication of Tips. Only purchases of genuine RCA parts apply on this deal.

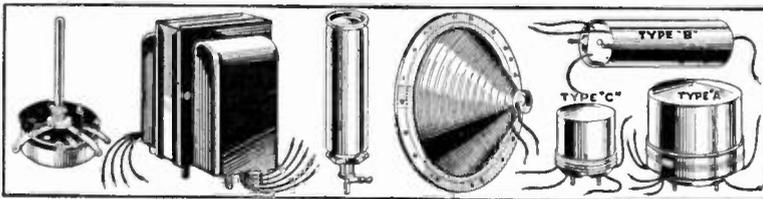
### Here is What You Get

1. The RCA Radio Service Tip File, including handsome steel cabinet and 200 Tip Cards and Index Cards. Size of cabinet 6 3/4" wide, 12" long and 5" high. Holds 1200 cards 3"x5". Value.....\$5.00
  2. Radio Service Business Methods, by John F. Rider and J. Van Newenhizen. Tells how to operate your service business profitably. Value.....3.00
  3. 101 Service Sales Ideas, a 48 page book. Gives over a hundred proven methods of securing more business. Deals with Organization, Personality and Good Will; uncovering New Business Leads; Publicity and Advertising; Displays; Direct Mail-Post Cards-Circulars; Financial Hints and New Sources of Income. Value......75
- TOTAL.....\$8.75**

When ordering this service system specify:—

RK282—And Remit the Deposit Price of **\$3.00**  
 You will receive \$1.50 credit on this deposit price when earned as specified above.

## Popular Genuine RCA Replacement Parts



### RCA Speaker Cones

- R8601—For Models R7, R7A, R9DC, R8, R9, R10DC, RE18A, RE19, R21, R023, RAE26, R43, Rad48.  
 List Price, \$1.50. YOUR PRICE .....90c
- R8558—For Models RE20, R35, R39, RE57, RE73, Rad48, RAE59, Rad60, 62, 64, 66, 67, RAE68, RAE79.  
 List Price, \$2.00. YOUR PRICE .....\$1.20
- R8974—For Models R228, R22W, R28, R28P, RE50, 100, 101, 110, 111, 114, 115, M116, 300, 301.  
 List Price, \$1.00. YOUR PRICE .....60c
- R8935—For Models R73 (41), R74, R75 (47), R76, R17, RE90, RE81, 210, 211, 221, 223, 224, 225, 226, 322.  
 List Price, \$1.05. YOUR PRICE .....63c
- R8960—For Models R72, R73 (2A5), R75 (2A5), R90, 140, 141, 220, 222, 240, 242, 260, 261, 262, 263, 280, 321, 327, 330, 331, 340, 341, 380.  
 List Price, \$1.27. YOUR PRICE .....77c
- R9428—Models 112, 120, 124, 126B, 142B, 241B, 310.  
 List Price, \$1.00. YOUR PRICE .....60c
- R9023—For Models M34, M105.  
 List Price, \$1.00. YOUR PRICE .....60c

### RCA Power Transformers

- R8985—For Models R28, R28P, RE40, 110, 111, 113, 210, 310.  
 List Price, \$4.26. YOUR PRICE .....\$2.56
- R9511—For Models 118, 125, 128, ACR136, 211, 224, 225, 226, 322.  
 List Price, \$4.78. YOUR PRICE .....\$2.87
- R9042—For Models 140, 141, 240, 340.  
 List Price, \$6.84. YOUR PRICE .....\$4.10
- R9505—For Models 143, 241B, 263, 341, 381.  
 List Price, \$6.35. YOUR PRICE .....\$3.81

### RCA Filter Blocks and Capacitors

- R2957—For Models R5, R7, R9, RE16, R43.  
 List Price, \$1.75. YOUR PRICE .....\$1.05
- R7589—Models 110, 111, 115, 210, 214, 310, R28.  
 List Price, \$1.64. YOUR PRICE .....99c
- R7790—For Models 117, 118, 119, 125, 128, ACR136, 143, 211, 224, 226, 242, 262, 263, 281, 341, 381.  
 List Price, \$1.05. YOUR PRICE .....63c
- R6571—For Models 140, 141, 240, 280, 340, 380.  
 List Price, \$1.20. YOUR PRICE .....72c

### RCA I. F. Transformers

- R7266—1st I.F. For Models R-11, R-21, RE-18, RAE-26. Peaked at 175 Kc. For sets using 224 and 235 Ser. grid tubes. Tuned primary and secondary. List Price, \$2.20—Type A.  
 YOUR PRICE .....\$1.32
- R7267—2nd. I.F. For Models R-11, R-21, RE-18, RAE-26. Peaked at 175 Kc. Copper shield between coils. Especially designed to work with RCA R3092 volume control to give sharp tuning on weak distant stations and broad tuning on powerful locals. Excellent for volume control conversion of old sets with antenna to ground rheostat or cathode type controls. List Price, \$2.00—Type A.  
 YOUR PRICE .....\$1.20
- For Models Rad. 80, Rad. 82, Rad. 86, RAE-86. Peaked at 175 Kc. Sharply tuned primary and secondary. Built-in broadening resistors and external leads to permit band width change. For servicemen interested in variable band IFs, now so popular with the advent of High Fidelity.  
 R8565—2nd. I.F.  
 R8565—3rd. I.F.  
 List Price, \$2.10—Type A. YOUR PRICE .....\$1.26
- R6483—1st. I.F. For Models R-37, R-38, 120. Peaked at 175 Kc. Small and compact. For high gain, good selectivity between high gain RF tubes.  
 List Price, \$1.84—Type C. YOUR PRICE .....\$1.10
- R6484—2nd. I.F. For Models R-37, R-38, 120. Peaked at 175 Kc. Close coupled with sharply tuned primary and untuned secondary. Converts old type receivers for diode detection and AVC.  
 List Price, \$1.70—Type C. YOUR PRICE .....\$1.02
- R6890—1st. I.F. For Globe Trotter 140 Series. Peaked at 460 Kc. Designed for Magic Brain sets. Excellent for old style 460 Kc. receivers giving trouble because of broad tuning and low gain. Sharply tuned primary and secondary. Designed to work between high gain R.F. tubes.  
 List Price, \$2.40—Type B. YOUR PRICE .....\$1.44
- R6891—2nd. I.F. For Globe Trotter 140 Series. Peaked at 460 Kc. Drives Diode detector or Diode AVC tubes. Tuned primary and secondary.  
 List Price, \$2.40—Type B. YOUR PRICE .....\$1.44
- RCA Volume Controls**  
 R2995—For Models R4, R7, R7A, R7DC, R8DC, R9, R10DC, RE16, RE18A.  
 List Price, \$1.20. YOUR PRICE .....72c

## Voltage Tables for Broadcast Receivers—By F. L. Sprayberry



**K12490—  
YOUR PRICE ..... 98¢**

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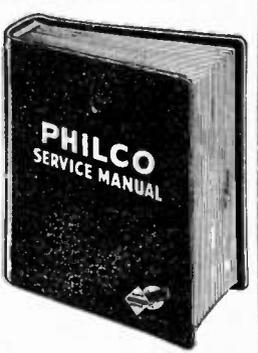
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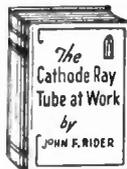
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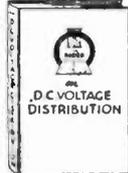


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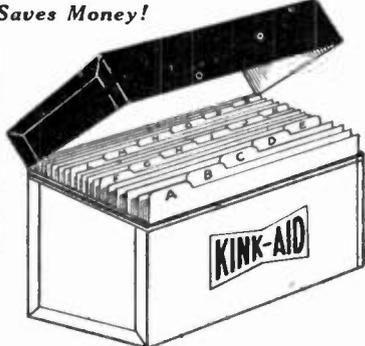
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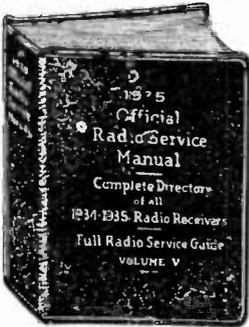
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## Large Size No. 486—45 Volts

K79—List, \$2.25.  
Your Price, Each \$1.73. **\$1.70**  
Less 2% .....

In Six Lots, \$1.57. Less 2% \$1.54  
Height 8", Length 8", Width 4 1/4". Weight 16 pounds. Terminals to give +22½ and -45 volts. Equipped with both clip type and plug-in connections. Plug included.

## Test Set and Flashlight Batteries



## Large 703 4½ Volts

Same size as Burgess Number 532.  
K55—3 cell. Size: 2 1/2"x2 1/2"x2 1/2".  
Your Price, 30c. Each **20¢**

## Medium 751

Same size as Burgess Number 432.  
K56—3 cell. Size: 2 1/4"x2 1/4"x1 1/4".  
Retail Price, 30c. **20¢**  
YOUR PRICE, Each .....

## Medium 750

K57—2 cell. Size: 2 1/4"x1 1/4"x1 1/4".  
Retail Price, 15c. **10¢**  
YOUR PRICE, EACH .....

## Unit-Cells

K58—Standard 950. Tub. Size: 1 1/4"x2 3/4". Retail Price, 10c. Your Price **78c**  
12 Cells for \$8.48. Less 2% **\$3.06**

K59—Baby 935. Tub. Size 1 1/4"x1 3/4". Retail Price, 10c. Your Price **78c**  
12 Cells for **78c**

K60—Penlight Type No. 915. Size 1 1/4"x1 1/4". Tubular Single Cell. Retail Price, 5c. **39c**  
YOUR PRICE, 12 Cells for .....



## Eveready Air Cell "A" Battery



K83—Code A600.  
List Price, \$5.95.  
Your Price, Ea., \$4.17. **\$4.09**  
Less 2% Net .....

An air depolarized constant voltage, non-rechargeable primary battery, especially designed and guaranteed ONLY for use as the "A" Battery for Air Cell Receivers. High capacity of 600 ampere-hours is sufficient for at least 1,000 hours operation. Activated for service by filling with water. Length, 9 7/8"; width, 6 1/2"; height overall, 10 1/8"; weight, dry, 23 pounds.

K84—SA 850. Heavy Duty (750-MA.) Air Cell Battery for Multi-tube receivers.  
Retail Price, \$7.50.  
YOUR PRICE, \$5.25. **\$5.14**  
Less 2% Net .....

## 3 Volt "A" Dry Battery Pack



For use with 2 volt radio receivers. Will give 400 hours of service at 3 hours per day on 1/2 ampere load. Weight 18 pounds. Size: Length 11 1/2", Width 4 1/2", Height 6 1/2".  
K80—Retail, \$3.25.  
Your Price, Each \$2.27. **\$2.22**  
Less 2% Net .....

## A Batteries

## Dry Cell Standard 1 1/2 Volt No. 7111

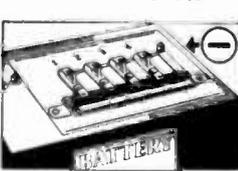
K50—  
Retail Price, 40c.  
Your Price, 31c Each. **30¢**  
Less 2% .....

In Lots of 25, Each 28c. Less 2% 27c  
Receivers rapidly during a short period of rest. Size 2 1/2"x6 in. Weight, 2 lbs. 2 oz.

## No. 6 Igniter Eveready—Columbia

K51—Retail Price, 35c.  
Your Price, Single Lots..... **25¢**  
In Lots of 25, Each..... **23c**

## Voltage Regulator For 2 Volt Tubes



All 2 volt tubes, either 30-31-32-93 or 34 are made to operate on voltages from 1 1/2 to 2 volts only. Any fraction above two volts will greatly reduce the life of the tubes and battery. A new battery actually has 3 volts before the Voltage Regulator must be used to reduce this to 2 volts. 4 taps are provided on the regulator. The proper connections can be made from time to time so as to compensate for the gradual reduction of the battery voltage. Insures uniform reception and long life for the tubes and battery.

K3869—  
YOUR PRICE ..... **29¢**  
Large sales of Eveready Batteries means fast turnover. To you this means fresh new batteries at all times.

# Tungar Type Rectifier Tubes



Quality Guaranteed

**K1822—A.** 0.6 amps., 7.5 D.C. volts. Used chiefly in small chargers for trickle charging 6 volt batteries. Fil. 1.8V.-6A. **\$1.95**

**K1823—B.** 2 amps., 7.5 D.C. volts. Has 3 connection screw base, is used in small home chargers. Fil. 2V.-12A. List Price, \$4.00. **YOUR PRICE \$1.95**

**K1824—C.** 2 amps., 30 D.C. volts. Anode connection is made at the top. For use in older type single battery chargers. **YOUR PRICE \$1.95**

**K1825—D.** 6 amps., 45 D. C. volts. A low volt age bulb used in chargers having a fixed output, also in Exciter Lamp Rectifiers for Motion Picture applications. Fil. 2.2V.-18 Amp. **\$4.45**

**K1826—E.** 6 amps., 100 D.C. volts. For use in all types of chargers having an adjustable control, single and three phase rectifiers for low intensity arc projectors and exciter lamp rectifier having adjustable taps. List Price, \$8.00. **\$4.45**

**K1827—F.** 15 amps., 65 D.C. volts. Can be used in certain types of special chargers, but its chief application is in connection with single and three phase rectifiers for supplying current to low intensity arc projectors. Specially seasoned for motion picture rectifier. List Price, \$15.00. **\$10.95**

**Mercury Type Charger Bulb**  
**K1828—EM-6** amperes. Long life, efficiency in operation and lower operating cost. For use in battery chargers of 6 ampere capacity. List Price, \$8.00. **\$2.95**

## Battery Terminal Connectors

**K11456—** **YOUR PRICE, Each, \$1.8c**  
TEN FOR ..... **\$1.69**  
Fasten to post of any auto storage battery to adapt it for use with radio set. Has binding screw for connecting lead wire.

## Radio Battery Cables



Stranded conductors, rubber insulated and covered with fabric. R. M. A. color coded. 5 ft. length.

Stock Number	Conduc-tors	Your Price	Stock Number	Conduc-tors	Your Price
K4911	5	25c	K4914	8	40c
K4912	6	29c	K4915	9	45c
K4913	7	32c	K4916	10	50c

## Mallory Grid Bias Cell

Small acorn shaped, no current potential device. Supplies 1 Volt plus or minus 10%. Adaptable to all circuits of grid bias where current does not exceed one microampere. Circuit is identical to "C" battery. Designed principally to bias first audio tubes in high gain amplifiers. Eliminates the necessity of high capacitive cathode by-pass condensers. Will give indefinite life if not overloaded. One cell for tubes as types 75, 2A6, 57, 6C8, and 77. Two cells are recommended for type 1B5, 6F5, and 6Q7. **K3905—List, 35c.** **YOUR PRICE, \$1.8c**

## Bias Cell Mountings

Stock Number	Type Number	Num. Cells	List Price	YOUR PRICE
K3906	GB-1	1	10c	6c
K3907	GB-1A	1	10c	6c
K3908	GB-1B	1	15c	9c
K3909	GB-2	2	20c	12c
K3910	GB-3	3	25c	15c
K3911	GB-4	4	35c	21c



## Neon Glow Lamps

Genuine G.E. neon gas lamps that glow with a brilliant orange-red radiance. Best electrodes, glow on A.C. One remains dark on D.C. Operate on extremely minute current.

Used in tube checkers for inter- element short tests; in series with A.C. or D.C. for continuity, leakage, and high resistance tests. Used as pilot or signal lamp on all types of electrical circuits. Check ignition leakage in auto-radio noise elimination work. Voltages listed are minimum striking voltage; minimum operating voltage may be approximately 50 volts lower for A.C. or 10 volts lower for D.C.

**K10545—Midget 1/4 watt, Candelabra Base Tubular Shape Clear Bulb.** 1/4" diameter. Replacement for Weston and other tube testers employing neon short tests. For 105-125 volts, A.C. or D.C. **YOUR PRICE, Each \$3.6c**  
TEN FOR ..... **\$3.26**

**K10546—Midget 1/4 watt, Double contact bayonet base.** 1/4" diam. Tubular shape clear bulb. 1/4" diameter. Used as replacement in Tube Condenser Analyzer and other test equipment requiring a neon bulb without a resistance in the base. For 105-125 volts A.C. **YOUR PRICE, EACH \$4.5c**  
Ten for ..... **\$4.05**

**K10547—Medium 1/2 watt, Standard Edison medium screw base.** Clear Globular Bulb, 1 1/4" diameter. Electrodes shaped like half cylinders. Approximately 5/100 candle power. For 105-125 volts A.C. only. **YOUR PRICE, EACH \$3.6c**  
TEN FOR ..... **\$3.25**

**K10548—Medium 1/2 Watt.** Same as above but with skirted candelabra base. **YOUR PRICE, EACH \$4.1c**  
TEN FOR ..... **\$3.65**

**K10549—Medium 1 watt, Standard Edison medium screw base.** Clear Globular Bulb, 1 1/4" diameter. Approximately 5/100 candle power. Central cylindrical electrode surrounded by wire spiral electrode. For 105-125 volts A.C. or D.C. **YOUR PRICE, EACH \$3.6c**  
TEN FOR ..... **\$3.25**

**K10550—Medium 1 watt Standard Edison medium screw base.** Clear Globular Bulb, 1 1/4" diameter. Electrodes shaped like half cylinders. For 200-240 volts A.C. or D.C. **YOUR PRICE, EACH \$3.6c**  
TEN FOR ..... **\$3.25**

**K10551—Medium 1 Watt Double contact bayonet base.** Clear globular bulb, 1 1/4" diameter. Electrodes shaped like half cylinders. For 105-125 Volts, A.C. or D.C. **YOUR PRICE, EACH \$4.5c**  
Ten for ..... **\$4.05**

**K10552—2 Watt Standard Edison medium screw base.** Clear pear Shaped Bulb. Diameter 1 1/4". Electrodes in shape of split disc. Approx. 1/2 candle-power. For 105-125 volts A.C. or D.C. Used in tube testers. Also popular size for night-light, advertising, exit indicator, stroboscope, and signal use. **YOUR PRICE, Each \$4.5c**  
TEN FOR ..... **\$4.05**

**K10553—3 watt standard Edison medium screw base.** Clear pear shaped bulb. Diameter 1 1/2". Electrodes in shape of split disc. For 105-125 volts A.C. or D.C. Used in tube testers. Also very popular size for night-lights, signal lamps, etc. **YOUR PRICE, EACH \$6.0c**  
Ten for ..... **\$5.40**

## Porcelain Sockets For Neon Glow Lamps Candelabra Base

**K11254—** **YOUR PRICE, EACH \$2.8c**  
Quality porcelain sub-panel socket for candelabra base neon glow lamps. Top of socket mounts flush with panel. Screw terminals. Used in short checkers, continuity testers and other test apparatus.

## Edison Medium Screw Base Sub-panel Mounting

**K11255—** **YOUR PRICE, EACH \$1.6c**  
Porcelain sub-panel socket for standard Edison base neon glow lamps. Same style and mounting as socket listed above. Screw terminals.

## Cleat Mounting

**K11256—** **YOUR PRICE, EACH \$1.0c**  
Cleat mounting Edison base porcelain socket. May be mounted on baseboard for experimental work. Screw terminals.

# Universal Alligator Clips



Small clips with slender elongated jaws. Both screw and banana terminal connections. The barrel will also take the large end of a standard jack tip. Teeth mesh perfectly on all three sides. Rating 5 amps. Cadmium plated steel. 2 1/2" long. Jaws spread 1/2".

**K11435—Alligator clip only less Insulators.** Each, 6c. **YOUR PRICE \$4.9c**  
BOX OF 10 ..... **\$3.88**

## Colored Rubber Insulators

For above clips. Internal recess at end of insulator snaps around tubular barrel and holds clip firmly. Will not slip.

**K11445—Red** **K11446—Black**  
**YOUR PRICE, EACH 4c.** **YOUR PRICE, EACH 4c.**  
BOX OF 10 ..... **\$2.50**

## Universal Battery and Radio Clips



**No. 45—Pee Wee Clip.** For Radio Test Work. Teeth on both jaws which mesh. Jaw spread 1/2". Length 1 1/2". Cadmium plated. With screw. **K11436—Each, 4c.**  
TEN FOR ..... **\$2.9c**

**No. 48B—A small clip for "B" radio batteries and general use.** Teeth on both jaws which mesh. 10 lb. spring. Jaw spread, 1/2 in. Cadmium plated. 2 inches long. **K11437—Each, 5c.**  
TEN FOR ..... **\$3.3c**

**Type 24A—25 amp. Capacity.** For radio storage "A" batteries. Teeth on one jaw and notch on the other; fits round battery post. 17 lb. spring. Jaw spread, 1 in. Lead coated. 3 in. long. **K11438—Each, 8c.**  
TEN FOR ..... **\$6.4c**

**Type 21A—50 amp. 33 lb. spring** protected by a copper shunt. Jaw spread, 1 1/2 in. Lead coated. 3 1/2 in. long. **K11439—Each, 16c.**  
TEN FOR ..... **\$1.18**

**Type 11A—100 amp. Capacity, 38 lb. spring.** Jaw spread, 1 1/2 in. Lead coated, 5 1/2 in. long. **K11440—**  
**YOUR PRICE, Each \$3.5c**

**NOTE.** Clips marked + and - Half and Half will be supplied unless otherwise specified.

## Rubber Insulators

For Use with Universal Battery Clips



Protect against electric shock. Furnished half red, half black to indicate polarity.

**K11447—For 45—10 for \$0.52**  
**K11448—For 48B—10 for \$0.63**  
**K11449—For 24A—Each \$0.14**  
**K11450—For 21A—Each \$0.23**  
**K11451—For 11A—Each \$0.41**

## Manufacturers' Type Rectifying Unit



The "B" B-L full wave rectifying elements are particularly suited to the use of manufacturers of various equipment requiring rectified currents. All are full wave. Made for such devices as dynamo speakers, "A" powers, battery chargers, railroad signals, etc.

Type B-12 is for such "A" powers as Acme, Sterling, Arco, Stewart, France, Galvin, Greene-Brown, etc., and for such chargers as Braun, Knight, Valley, Webster, etc. Output 1 amp. at 0 V., 2.5 amp. at 10 volts.  
**K3845—Type B-12, List, \$4.00. YOUR PRICE \$2.35**

Type "B"-16 is for Greene-Brown type D, Norden Hauck No. 3A, Tobe Deutchman, Webster, Valley type, D31A, etc. Output 2 amp. at 6 V.; 1 amp. at 8 volts.  
**K3846—Type B-16, List, \$4.50. YOUR PRICE \$2.65**

## Radolek is Your Source of Supply for Everything in Radio. Never Split your order. Radolek has that "hard to get" item in stock or will quickly obtain it for you and at the lowest dealer prices.

Exact Duplicate

# Radiart

Replacement Vibrators

## For Auto Radios and Home Sets

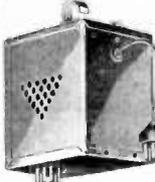
Radiart Vibrators have achieved an enviable record of excellent performance under all operating conditions. Every vibrator that leaves the factory goes through 37 separate distinct inspections and tests before it is released. Exhaustive life tests, two hundred times more severe than any service the vibrators could be subject to in actual use, are made at the factory. Not universal replacements—Radiart vibrators are exact duplications of the original vibrators.

Radiart Part Number	Radolex Stock Number	List Price	YOUR PRICE	Radiart Part Number	Radolex Stock Number	List Price	YOUR PRICE
2819	K5200	\$5.00	\$2.94	3789	K5245	\$5.00	\$2.94
2807	K5201	4.50	2.65	3806	K5246	4.50	2.65
3200	K5202	3.75	2.20	3815	K5247	4.50	2.65
3225	K5203	5.50	3.23	3848	K5248	5.25	3.09
3260	K5204	4.50	2.65	3850	K5249	5.50	3.23
3261	K5205	4.50	2.65	3865	K5250	4.50	2.65
3263	K5207	4.50	2.65	3883	K5251	5.00	2.94
3283	K5248	5.50	3.23	3888	K5252	4.50	2.65
3290	K5209	5.75	3.38	4260	K5253	4.50	2.65
3308	K5210	5.50	3.23	4313	K5254	4.50	2.65
3310	K5211	8.00	4.70	4314	K5255	5.00	2.94
3311	K5212	9.00	5.29	4318	K5256	4.50	2.65
3312	K5213	10.00	5.88	4319	K5257	5.25	3.09
3313	K5214	4.75	2.79	4320	K5258	4.50	2.65
3314	K5215	8.00	4.70	4403	K5259	5.00	2.94
3315	K5216	5.25	3.09	4404	K5260	5.50	3.23
3316	K5217	10.00	5.88	4414	K5261	5.50	3.23
3317	K5218	5.75	3.38	4415	K5262	6.50	3.82
3318	K5219	5.75	3.38	4417	K5263	5.00	2.94
3319	K5220	5.50	3.23	4500	K5264	5.50	3.23
3320	K5221	4.00	2.35	4501	K5280	5.00	2.94
3356	K5222	4.50	2.65	4502	K5265	5.50	3.23
3375	K5223	4.50	2.65	4505	K5281	5.50	3.23
3395	K5224	5.00	2.94	4607	K5266	5.75	3.38
3398	K5225	4.75	2.79	4608	K5267	5.50	3.23
3417	K5226	4.50	2.65	4611	K5268	5.25	3.09
3442	K5227	4.75	2.79	4612	K5269	5.00	2.94
3443	K5228	5.00	2.94	4613	K5282	5.25	3.09
3444	K5229	5.00	2.94	5300	K5270	4.50	2.65
3445	K5230	5.75	3.38	5304	K5283	4.50	2.65
3460	K5231	4.75	2.79	5306	K5284	4.50	2.65
3461	K5232	5.25	3.09	5310	K5271	4.50	2.65
3462	K5233	5.50	3.23	5313	K5285	5.50	3.23
3463	K5234	6.25	3.67	5320	K5272	4.00	2.35
3481	K5235	5.00	2.94	5321	K5273	4.50	2.65
3503	K5236	5.75	3.38	5322	K5286	5.50	3.23
3607	K5237	6.00	3.53	5331	K5279	4.50	2.65
3608	K5238	5.25	3.09	5400	K5274	5.00	2.94
3651	K5239	5.50	3.23	5406	K5275	5.00	2.94
3679	K5240	5.00	2.94	5409	K5287	5.00	2.94
3741	K5241	4.50	2.65	5410	K5276	5.00	2.94
3774	K5242	5.00	2.94	5411	K5277	5.00	2.94
3782	K5243	4.50	2.65	5420	K5288	5.00	2.94
3788	K5244	4.50	2.65				

# AUTO RADIO

Name and Model Number	Radiart Stock Num.	YOUR Price	Mallory Stock Num.	YOUR Price	Electronic Stock Num.	YOUR Price
AIRCRAFT—603	K5223	\$2.65	K5064	\$2.65	K5105	\$2.06
611	K5276	2.94	K5034	3.23	K5110	2.50
611 (Sync.)			K5066	2.65	K5148	2.94
U6						
ADDISON—531, 631	K5201	2.65	K5064	2.65	K5105	2.06
N655	K5277	2.94			K5151	3.23
AIRCHIEF—66					K5137	2.94
AIRLINE—See Mont. Ward						
AIRMATE (BOP & UMS)—1934			K5022	3.09	K5134	2.94
4 Tube 1935			K5050	3.28	K5138	3.14
ALL-AMERICAN MOHAWK A-60	K5201	2.65	K5064	2.65	K5105	2.06
ARCADIA—See Wells Gardner						
ARVIN—10A, 20A&B, 30A&B, 16	K5201	2.65	K5064	2.65	K5105	2.06
15, 25, 35, 45 (1st Series)	K5205	2.65	K5069	2.65	K5119	2.20
15, 25, 35, 45 (2nd Series)	K5201	2.65	K5064	2.65	K5105	2.06
17, 17A, 17B, 17C, 27, 37, 7	K5253	2.65	K5066	2.65	K5124	2.35
18, 28, 33	K5270	2.65	K5066	2.65	K5114	2.35
61B, 62B					K5150	3.09
ATR INVERTER—6					K5107	3.82
ATWATER-KENT—424, 534	K5210	3.23	K5022	3.09	K5137	2.94
666, 776, 926, 938	K5207	2.65	K5069	2.65	K5133	2.35
816	K5248	3.09	K5027	3.09	K5177	3.09
126, 136, 416, 446	K5270	2.65				
AUDIOLA—A8					K5137	2.94
C6, 64, 74	K5243	2.65	K5066	2.65	K5130	2.35
S6, S7	K5208	3.23			K5137	2.94
2387, 3386 (2 prong)	K5229	2.94	K5075	2.94	K5113	2.65
2387, 3386 (3 leads)	K5064	2.65			K5105	2.06
2387, 3386 (5 leads)	K5253	2.65				
3246	K5210	3.23	K5026	3.38	K5135	2.84
345, 346, 347 (6 prong)	K5223	2.65	K5070	2.65	K5116	2.20
346, 347 (4 prong)	K5253	2.65			K5120	2.20
AUTOCRAT—5	K5201	2.65	K5064	2.65	K5105	2.06
518, 618	K5226	2.65			K5117	2.20
AUTOMATIC—J50, 60, 70, M70	K5270	2.65			K5115	2.50
Sr. A600, Jr.	K5225	2.91	K5064	2.65	K5105	2.06
Tom Thumb (1933 Models)	K5201	2.65	K5064	2.65	K5105	2.06
1934, 1935 Models, A5, B6	K5225	2.91	K5084	2.65	K5112	2.35
A1, J80	K5080	2.79				
BALDWIN—Chassis 54, 64			K5066	2.65	K5122	2.35
BALKEIT—GT-156BA	K5276	2.94	K5066	2.65	K5148	2.94
Chassis 54, 64, U6					K5122	2.35
BELMONT (Freshman)	K5215	4.70				
660 (Complete Pack)	K5227	2.79				
660 (Vibrator Head)			K5018	2.79	K5106	2.20
660 (Vibrator Only)			K5074	2.79	K5113	2.65
1932 Models	K5270	2.65	K5064	2.65	K5121	2.65
566, 666, 668	K5253	2.65			K5110	2.50
680, 670A, 680, 880	K5207	2.65	K5069	2.65	K5133	2.35
670						
BLACKHAWK—60, 64	K5226	2.65	K5041	2.65	K5120	2.20
BOSCH—150 Series 1	K5219	3.38	K5017	3.38	K5144	3.23
150 Series 2, 160, 45 Syne.	K5208	3.23	K5047	3.23	K5139	2.94
160 Series 2 & 3					K5139	2.94
78, 79					K5119	2.20
145 Non Syne, 78, 79	K5207	2.65			K5119	2.20
79 (2nd Series), 524, 634, 634A	K5253	2.65	K5043	2.65	K5120	2.20
536, 636, 637, 736, 737, 738	K5273	2.65	K5066	2.65	K5121	2.65
189HB, 189HR			K5039	3.23		
B.O.P. (Buick, Olds, Pontiac)						
1 Unit & 2 Unit—Non Syne.					K5105	2.06
1 Unit & 2 Unit—Syne.					K5134	2.94
Plug-In Syne.					K5138	3.14
393884, 393885, 405045, 405046	K5282	3.09	K5050	3.23	K5138	3.14
405087-62, 554245, 554246	K5282	3.09	K5050	3.23	K5138	3.14
544267, 544268, 544289-90-91-97-98	K5214	2.79	K5020	2.79	K5105	2.06
980383, 980393	K5216	3.09	K5022	3.09	K5134	2.94
980455, 980459	K5268	3.09	K5051	3.23	K5152	3.14
980507-508-509-525-526	K5282	3.09	K5050	3.23	K5138	3.14
982006-007-008	K5282	3.09	K5050	3.23	K5138	3.14
983501-506-507-508, 1291344-45	K5282	3.09	K5050	3.23	K5138	3.14
984289-290-290 (Series A), 405063, 980441	K5232	3.09				
CADILLAC—6U2 Standard	K5226	2.65	K5041	2.65	K5174	2.65
062W Standard	K5219	3.38	K5011	3.38	K5144	3.23
062W Master	K5219	3.38	K5033	3.38	K5144	3.23
2721 (O72)	K5228	2.94	K5010	2.94	K5126	2.20
2722 (O72A)	K5219	3.38	K5012	3.38	K5124	3.23
56V1	K5020	2.79	K5105	2.79	K5105	2.06
CAVALCADE—Chassis 54, 64			K5066	2.65	K5122	2.35
3511			K5066	2.65	K5138	3.14
359					K5120	2.20
CHEVROLET—Plug-In Syne.					K5138	3.14
1 Unit & 2 Unit—Non Syne.					K5105	2.06
1 Unit & 2 Unit—Syne.					K5134	2.94
364441	K5214	2.79	K5020	2.79	K5105	2.06
600153-249-565-566-749	K5216	3.09	K5022	3.09	K5134	2.94
601038, 601174-176-177-525	K5232	3.09	K5050	3.23	K5138	3.14
601-517-574-586-602-814	K5204	2.65	K5066	2.65	K5111	2.50
984100, 985200						

### Ford-Majestic Complete Replacement Pack



Radiart Code 3312. For sets with serial numbers after 26636—**K5213**—List, \$10.00. **YOUR PRICE \$5.88**

With Tube

Replaces old pack—Uses new plug-in vibrator—Uses new type 84 tube!

Eliminates troublesome old type vibrator unit transformer, and old style rectifier tube. Complete primary power pack, scientifically designed and tested in the receiver. Easy to install. Instructions included.

### Majestic Twin 6 Complete Replacement Pack

For replacement on both Majestic twin six sets and on Ford Majestic receivers of the vibrator type under serial number 26636. Pack incorporates a type 84 rectifier tube.

**K5212—Code 3311. YOUR PRICE \$5.29**

**K5211—Code 3310. Same as the above pack but with old type Majestic rectifier tube. YOUR PRICE \$4.70**

### Radiart Replacement Head



For Majestic 66-116 and All Ford-Majestic of Non Plug-In Type, also Belmont 660.

Does not require replacement of entire pack. Exactly fits. No rewiring or redrilling necessary. Will give 3 to 6 times the life of original unit. 01 Mfd., 1000 V. condenser included.

List, \$4.75—Code 3442. **YOUR PRICE \$2.79**

### G. E. and R. C. A. Replacement



For General Electric models: B40, C1, B5 and C61 also R.C.A. models M34, M105, M116 (Arm-Heat model), DeLuxe 123. Will give dependable service.

**K5220—Code 3319. YOUR PRICE \$3.23**

### Philco Replacement



Philco auto sets: 5, 6, 6F, 9, 9F, 10, 11, 51, 800, 805, 806, 807, 808 and "B" eliminators: EF, EG and FN. All 1934 or 1935 models.

**K5221—Code 3320. For 817, 818, 818K, 819. K5273—Code 5321. YOUR PRICE, EA. \$2.35**

### All Purpose Non-Syn. Vibrator

(Code 3200) 3 leads



A universal replacement for non-synchronous vibrators. Enclosed in metal can. Fits inside original housing of vibrator removed from radio. Size only 2 3/8" long, 1 3/8" high, 1 1/8" wide.

**K5202—List, \$3.75. YOUR PRICE \$2.20**

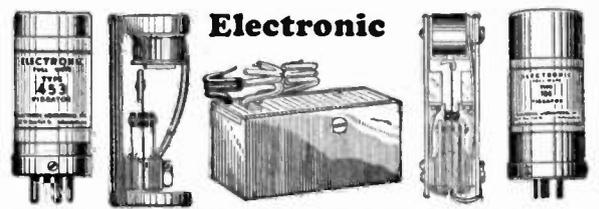
### Belmont Model 660 Complete Replacement Power Pack.



**K5215—Radiart Code 3314. YOUR PRICE \$4.70**

# VIBRATOR REPLACEMENT GUIDE

Name and Model Number	Radiat Stock Num.	Year Price	Mallory Stock Num.	Year Price	Electronic Stock Num.	Year Price
<b>CHEVROLET—Con't.</b> 985300-985301 985400	K5268 K5282	\$3.09 3.09	K5051 K5030	\$3.23 3.23	K5152 K5138	\$3.14 3.14
<b>CHRYSLER (Philco)—C1, C2, C2Z, C3, CT5, G8, C11, CU, CV, CZ, D, E, G, G122, R, O2861, 36-3157, 36-5159</b>	K5221	2.39	K5077	2.35	K5118	2.20
<b>CLARION—100</b> TC50 (4 prong) TC50 (6 prong)	K5201 K5253 K5207	2.65 2.65 2.65	K5068 K5066 K5069	2.65 2.65 2.65	K5120 K5120 K5119	2.20 2.20 2.20
<b>COLONIAL—150 Sync.</b> 150 Non Sync., 164 164B 106 "B" Power Supply 349, 355, 359, 361	K5208 K5207 K5207 K5214	3.23 2.65 2.65 2.79	K5047 K5018 K5069 K5020	3.23 2.79 2.65 2.79	K5141 K5119 K5119 K5105 K5138	2.94 2.20 2.20 2.06 3.14
<b>CONSOLIDATED—51</b>	K5218	3.38	K5023	3.38	K5135	2.84
<b>CONTINENTAL—U6</b>	K5270	2.65	K5066	2.65		
<b>CORD—A245, A255</b>	K5232	3.09				
<b>CROSLEY—98, 99, 102, 103, 5A1 4A1, 5A3, 6B1</b> 156, A166, Auburn A5A3 167, Auburn A5A2 A156, A266 A166, A366	K5218 K5245	3.38 2.94	K5023 K5036	3.38 3.23	K5135 K5142 K5143 K5135	2.84 3.29 3.29 2.84
<b>DELCO—See United Motors</b>						
<b>DETROLA—6A, 1100, 1100A 1934, '35 Models</b> 1935 Plug-in Type 6M, 6R	K5227 K5201 K5253 K5253	2.79 2.65 2.65 2.65	K5018 K5064 K5066 K5066	2.94 2.79 2.79 2.79	K5108 K5105 K5130 K5120	2.20 2.20 2.35 2.20
<b>DEWALD—52</b> 61 517 605 A605, A606 607, 608 607 (12 Volt) 640	K5214 K5201	2.79 2.65	K5020 K5084	2.79 2.65	K5105 K5105	2.06 2.06
<b>DODGE-DESOTO—CT5, D, E, G, G122, R, SE, SF, SG</b>			K5077	2.35	K5118	2.20
<b>ELECT. AUTO-LITE—O72, O72A O82, O82A</b>	K5228	2.94	K5012 K5010	3.38 2.94	K5144 K5126	3.23 2.20
<b>ELECTRONIC "B" ELIM.</b>			K5064	2.65	K5105	2.06
<b>EMERSON—1A</b> 5A, Deluxe 6A 607, 965 678-1, 678-2 1933 Models	K5226 K5249 K5226 K5207 K5210 K5210	2.65 3.23 2.65 2.65 3.23 3.23	K8054 K5043 K5089 K5022	3.23 2.65 2.65 3.09	K5140 K5179 K5130 K5134 K5137	3.23 2.35 2.35 2.94 2.94
<b>ERLA (Sentinel)—5500</b> 7M, 10M, 10MF, 11M 500, 560, 601 600 602 603	K5253 K5252	2.65 2.65	K5066	2.65	K5120 K5114 K5105	2.20 2.35 2.06
<b>ERLA (Sentinel)—5500</b> 7M, 10M, 10MF, 11M 500, 560, 601 600 602 603	K5201 K5201 K5223	2.65 2.65 2.65	K5084 K5084 K5064	2.65 2.65 2.65	K5105 K5105 K5105	2.06 2.06 2.06
<b>FADA—101, 102, 104, 104B</b> 166 (6 Volt) 166 (12 Volt) 266, 266SD, 266SG	K5214 K5253 K5242 K5270	2.79 2.65 2.94 2.65	K5020 K5043 K5066	2.79 2.65 2.65	K5105 K5120	2.06 2.20
<b>FAIRBANKS MORSE—</b> See Audiola						
<b>FIRESTONE—R1431</b> DeLuxe, R-132-2 5 Tube, 6 Tube, 1314, R-133-2	K5270 K5281 K5204	2.65 3.23 2.65	K5088 K5083 K5066	2.65 3.23 2.65	K5143 K5129	3.15 2.50
<b>FORD (Philco)</b> (Lincoln) (R.C.A.) (Zenith) Utah Replacement F, N, T 118 5801M	K5221 K5207 K5207	2.65 2.65 2.65	K5077 K5078 K5089	2.35 2.35 2.65	K5118 K5119 K5119 K5133 K5119 K5118 K5106 K5133	2.20 2.20 2.20 2.35 2.20 2.20 2.20 2.35
<b>FORD (Majestic)—See Page 146</b> Plug-in Pack Standard Pack Vibrator Head Vibrator Only (Plug-in Type)	K5213 K5211 K5227 K5207	5.88 4.70 2.79 2.65	K5018	2.94	K5133	2.35
<b>FREED—A7, A9</b>	K5219	3.38	K5011	3.38	K5144	3.23
<b>GALVIN—See Motorola</b>						
<b>GENERAL ELECTRIC—123</b> B40, C41, B52 D50, D51, D52 K5226 N60 C61 D72	K5262 K5220 K5288 K5226 K5270 K5220 K5246	3.82 3.23 3.23 2.65 2.65 3.23 2.65	K5049 K5061 K5041 K5066 K5025 K5066	3.23 3.23 2.65 2.65 3.82 2.65	K5136 K5129 K5174 K5120 K5155 K5122	3.15 2.35 2.65 2.20 2.35 3.29
<b>GOODRICH—Wings-5 Tube, 670</b>			K5066	2.65	K5120	2.20
<b>GRAYBAR—150 (Chassis)</b>	K5208	3.23	K5047	3.23	K5139	2.94
<b>GREBE—G1R</b>	K5201	2.65	K5064	2.65	K5105	2.06
<b>HALSON—199, Roadmaster</b>			K5018	2.94	K5120	2.20



## REPLACEMENT VIBRATORS For Auto Radios and Home Receivers

Fully guaranteed against defects under standard R.M.A. warranty. See Guide for alphabetical listing of receivers and model numbers.

Mfg. Type Number	Radolek Stock Number	List Price	Your Price	Mfg. Type Number	Radolek Stock Number	List Price	Your Price
400	K5105	\$3.50	\$2.06	704	K5138	5.35	3.14
405	K5173	4.90	2.65	705	K5339	5.00	2.94
410	K5106	3.75	2.20	706	K5140	\$5.50	\$3.23
422	K5107	6.50	3.82	707	K5141	5.00	2.94
438	K5174	4.50	2.65	708	K5142	5.60	3.29
439	K5175	4.50	2.65	709	K5143	5.35	3.14
440	K5108	4.25	2.50	710	K5144	5.50	3.23
441	K5109	4.25	2.50				
442	K5110	4.25	2.50	711	K5145	5.60	3.29
443	K5111	4.25	2.50	712	K5146	5.00	2.94
				713	K5147	5.35	3.14
444	K5112	4.00	2.35	714	K5148	5.00	2.94
445	K5113	4.50	2.65	715	K5149	5.00	2.94
448	K5114	4.00	2.35	716	K5150	5.25	3.09
447	K5115	4.25	2.50	717	K5151	5.50	3.23
449	K5116	3.75	2.20	718	K5152	5.35	3.14
450	K5117	3.75	2.20	719	K5153	5.00	2.94
P450	K5118	3.75	2.20	720	K5154	5.25	3.09
452	K5119	3.75	2.20	722	K5155	5.60	3.29
				723	K5176	5.00	2.94
453	K5120	3.75	2.20	724	K5177	6.25	3.09
454	K5121	4.50	2.65				
P454	K5178	4.00	2.35				
455	K5179	4.00	2.35				
456	K5122	4.00	2.35				
P456	K5180	4.00	2.35				
457	K5123	4.00	2.35				
458	K5124	4.00	2.35				
459	K5125	4.75	2.79				
460	K5126	3.75	2.20				
461	K5127	4.75	2.79				
464	K5128	4.00	2.35				
466	K5129	4.25	2.50				
467	K5130	4.00	2.35				
468	K5131	4.00	2.35				
469	K5132	4.00	2.35				
470	K5133	4.00	2.35				
470	K5134	5.00	2.94				
701	K5135	4.85	2.84				
702	K5136	5.35	3.14				
703	K5137	5.00	2.94				

Mfg. Type Number	Radolek Stock Number	List Price	Your Price
3210	K5156	6.50	3.82
3211	K5157	6.50	3.82
3212	K5158	6.50	3.82
500	K5159	4.00	2.35
512	K5160	4.25	2.50
522	K5161	4.50	2.65
540	K5162	6.50	3.82
541	K5163	5.25	3.09
542	K5164	5.00	2.94
542	K5165	5.75	3.38
543	K5166	6.00	3.53
544	K5167	6.00	3.53
549	K5168	4.25	2.50
550	K5169	4.75	2.79
560	K5170	4.75	2.79
561	K5171	5.75	3.38
570	K5172	5.25	3.09

## I.C.A. Interferotrol

A Scientifically Designed Auto Radio Noise and Spark Plug Suppressor Eliminator

A highly efficient easily installed ignition noise eliminator which does not interfere in any way with the functions of the car ignition system. For noise-free Auto Radio reception. Consists of a combination high-frequency filter and an adjustable balancing circuit that completely eliminates the use of spark plug suppressors. A manual inductance control permits positive "balancing out" of interference regardless of the frequency. This adjustable feature is essential for perfect operation because of the different frequency characteristics encountered in different cars. Shielded metal container fitted with bracket for mounting. Installed in series with the antenna at receiver.

**K9980—List. \$2.25.**  
**YOUR PRICE ..... \$1.26**



## SPRAGUE Auto Radio Vibrator Condensers

1500 D.C. Working Volts

Cap. Mfd.	Stock No.	Type No.	Dimensions
.02	K8255	FR-11	1 1/2 x 3/4 x 3/4
.02	K8256	FR-12	1 1/2 x 3/4 x 3/4
.007	K8257	LR-27	1 1/2 x 3/4 x 3/4
.01	K8258	LR-11	1 1/2 x 3/4 x 3/4
.02	K8259	LR-12	1 1/2 x 3/4 x 3/4
.01	K8260	AR-11	1 1/2 x 3/4 x 3/4
.02	K8261	AR-12	1 1/2 x 3/4 x 3/4
.03	K8262	AR-13	1 1/2 x 3/4 x 3/4
.04	K8263	AR-14	1 1/2 x 3/4 x 3/4
.05	K8264	AR-15	1 1/2 x 3/4 x 3/4
.01	K8265	MV-11	3 x 1/2 x 3/4
.01	K8266	TR-11	Tubular
.02	K8267	TR-12	Tubular

Designed for use as replacements in auto radio vibrator units. Oil impregnated—Fully sealed. Metal can type with flexible leads.

List Price, 45c.  
**YOUR PRICE, EACH..... 27c**



# VIBRATOR GUIDE



Name and Model Number	Radiant Stock Num.	Your Price	Mallory Stock Num.	Your Price	Electronic Stock Num.	Your Price
<b>SEARS-ROEBUCK—Con't.</b>						
3400						
4400						
7128 (4 Prong)	K5275	\$2.94	K5081	\$2.65	K5153	\$2.94
7128 (6 Prong)	K5253	2.65	K5039	3.23	K5120	2.20
	K5205	2.65	K5089	2.65	K5119	2.20
<b>SENTINEL—See Erla</b>						
<b>SIMPLEX—T-TA</b>						
1935 Auto & 6 V. House Set	K5280	2.94	K5064	2.65	K5105	2.06
Auto, DF, DFK, DB, DEK, PB	K3240	2.94				
	K5253	2.65	K5034	3.23	K5148	2.94
<b>SETCHELL-CARLSON</b>						
40, 41, 50, 51, 52, 410, 510						
45, 60, 60S, 70, 71, 71S, 80						
44, 66, 68, 88, 72	K5283	2.65			K5149	2.94
					K5127	2.79
<b>SPARTON—33, 33A</b>						
36	K5214	2.79	K5064	2.65	K5105	2.06
296, 333	K5216	3.09	K5022	3.09	K5134	2.94
1936 Models	K5207	2.65	K5064	2.65	K5119	2.20
					K5123	2.35
<b>STEWART WARNER—1601</b>						
R-112, 1121, 1122	K5201	2.65	K5068	2.65	K5105	2.06
R-117, 1171, 1172			K5068	2.65	K5120	2.20
R-118, 1112, 1181, 1192, 1183	K5253	2.65	K5068	2.65	K5129	2.50
131, 1311 to 1319 inc., R133, 1332	K5253	2.65	K5066	2.65	K5129	2.50
R132, 1322	K5261	3.23	K5063	3.23	K5143	3.24
1936 Models	K5279	2.65	K5068	2.65	K5108	2.50
143						
<b>STROMBERG-CARLSON—33</b>						
1933, '34 Models	K5219	3.38	K5032	3.38	K5144	3.23
115	K5287	2.94			K5144	3.23
<b>TRAV-LER—54</b>						
64			K5066	2.65	K5120	2.20
76, 176			K5066	2.65	K5129	2.50
					K5146	2.94
<b>TROPIC-AIRE</b>						
O6W (1st Series) O6X	K5219	3.38	K5011	3.38	K5144	3.23
O6W (2nd Series)	K5219	3.38	K5033	3.38	K5144	3.23
<b>TROY—86, TR86</b>						
	K5201	2.65	K5069	2.65	K5133	2.35
<b>TRUEYONE—See Also Belmont &amp; Wills Gardner</b>						
5Y					K5140	3.23
6R, 6S					K5129	2.50
6U, 6S	K5226	2.65	K5041	2.65		
Z6Z1	K5201	2.65	K5064	2.65	K5105	2.06
O62, O62A	K5228	2.94	K5010	2.94	K5126	2.06
O62 (3rd Series)	K5300	2.94			K5105	2.06
25Y1	K5251	2.94				
R131, R1311, R1312	K5253	2.65	K5059	3.23	K5140	3.23
1935 Non Sync.			K5066	2.65	K5129	2.50
Plug-in Sync.					K5121	2.65
<b>TRUEVALUE—6U</b>						
	K5226	2.65	K5041	2.65	K5120	2.20
<b>UNITED MOTORS—500, 630</b>						
626, 627, 628, 629	K5273	2.65	K5066	2.65	K5120	2.20
631, 632, 633	K5232	3.09	K5050	3.23	K5138	3.14
634, 635	K5273	2.65	K5066	2.65	K5111	2.50
2035, 4036	K5282	3.09	K5050	3.23	K5147	3.14
4037, 4038	K5214	2.79	K5020	2.79	K5105	2.06
1935 Non Sync.	K5216	3.09	K5022	3.09	K5134	2.94
Plug-in Sync.					K5120	2.20
					K5138	3.14
<b>UNITED SCIENTIFIC—640</b>						
605, 606, 607, 608					K5125	2.79
					K5120	2.20
<b>UTAH "B" ELIM.—Non Sync.</b>						
	K5214	2.79	K5020	2.79	K5105	2.06
<b>WARWICK—511, 618</b>						
					K5109	2.50
<b>WELLS GARDNER—5Y</b>						
5Y (12 Volt)	K5251	2.94	K5059	3.23	K5140	3.23
6K	K5288	2.94	K5038	3.23	K5176	2.94
6N	K5270	2.65	K5066	2.65		
6R, 6I					K5120	2.20
6S, Z6U1					K5117	2.20
6U, Z6B1						
6S, 6U, Z6S1, Z6U1	K5226	2.65	K5041	2.65		
W622, Z6W1, Z6Z1	K5200	2.94	K5064	2.65	K5105	2.06
O6W (1st Series)	K5219	3.38	K5011	3.38	K5144	3.23
O6W (2nd Series)	K5219	3.38	K5033	3.38	K5144	3.23
Z6R1	K5254	2.65				
O62, O62A	K5228	2.94	K5010	2.94	K5126	2.06
O72, O72A	K5219	3.38	K5012	3.38	K5144	3.23
<b>WESTINGHOUSE</b>						
WR-25 (4 Prong)	K5207	2.65	K5066	2.65	K5119	2.20
WR-26 (6 Prong)	K5253	2.65	K5069	2.65	K5120	2.20
WR-500, WR-501	K5233	2.65	K5043	2.65	K5120	2.20
WR-502, 503	K5270	2.65				
<b>WILCOX GAY—4B6</b>						
Roadmate	K5207	2.65	K5064	2.65	K5119	2.20
4B6-2, 5F8-90, 5F8-790	K5207	2.65	K5064	2.65	K5105	2.06
1935 Models					K5119	2.20
					K5128	2.35
<b>WURLITZER—A60, 460</b>						
	K5201	2.65	K5064	2.65	K5105	2.06
<b>ZENITH—7</b>						
Junior 7	K5201	2.65	K5069	2.65	K5105	2.06
5M90, 6M90, 6M91, 6M92, 7M91	K5207	2.65			K5133	2.35
460, 462	K5270	2.65	K5066	2.65		
650HD, 651HE	K5201	2.65	K5064	2.65	K5105	2.06
660TD, 661TE	K5201	2.65	K5064	2.65	K5105	2.06
664, 668, 668	K5250	2.65	K5066	2.65	K5111	2.50
1935 Models, 5610, 5616					K5124	2.35
Ford	K5207	2.65	K5069	2.65		

# Auto Radio Cables and Shielding

## Shielded Low Capacity Cable



For Auto Antenna Lead-in. Stranded (tinned copper conductor size 18. Rubber insulated. Jute filler over conductor with tinned copper shielding overall. Low capacity between conductor and shield permits shield grounding without signal loss.

**K16610—1/4" O.D. 47¢**  
10 feet for .....  
100 feet for **\$4.35**

**K16611—1/2" O.D. 67¢**  
10 feet for .....  
100 feet for **\$6.23**



## Rubber Jacket Overall

Outer rubber jacket insures Positive Weatherproofing. Can be used for Auto Antenna Lead-in or wherever a low capacity cable must withstand climatic conditions. Constructed like above cable except enclosed in a heavy rubber jacket.

**K16612—3/8" O.D. 95¢**  
10 feet for .....  
100 feet for **\$9.02**

## Shielded Low Capacity Weatherproof Tubing



3/4" Inside Diameter and approximately 1/2" Outside Diameter. Small outside diameter permits easy assembly in corner post of auto as shield for antenna lead-in. Excellent for shielding output of signal generators, on any cables with a diameter of less than 3/4". Consists of a thoroughly impregnated loom tubing covered with a finely woven tinned copper shield.

**K16614—10 ft. coil. 46¢**  
YOUR PRICE .....  
100 feet for **\$3.95**

## Wheel Static Collector

For All Cars **K3950—18¢**  
Per Pair  
Your Price .....



Eliminates radiation of static created by the front wheels of automobiles. Contacts the wheel with the center of the axle thus grounding the wheel to frame. Simply installed in the hub cap. Removal of the wheel is unnecessary.

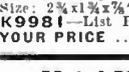
## I.C.A. "A" Line R.F. Filter



Eliminates line noises such as hum, hash, or ripple picked up by "A" line. Install between battery and auto radio in "A" line. Use this filter on auto radios that do not have built-in line filters and for auto radios that pick up noise when antenna lead is disconnected. Assembly consists of a choke and condenser housed in an easy to mount metal container. An efficiently balanced R.F. filter.

Size: 2 1/2 x 1 1/2 x 1/2"  
**K9984—List Price, \$1.25. 73¢**  
YOUR PRICE .....

## Metal Shield Tape



**K5738—List, 75¢. Your Price 44¢**

Wires radiating interference may be shielded without the necessity of removal. Ideal for shielding splices of shielded cables. May be applied directly to wire. High dielectric strength. Metal foil is firmly fastened to adhesive tape. 50 foot roll, 1/2 inch width. Flexible and corrosion proof.

## Copper Shielding



For Use on Any Wire

This shielding is used on amplifiers, speakers, public address conduits, automobile radios and wherever it is desirable to eliminate electrical interference. Forms perfect electrostatic and interference shield. The conductors are run through the sleeving and the sleeving is grounded. Very flexible; can be expanded to nearly double its original diameter, but the length is reduced proportionately. Prices quoted are for lengths of flat wire. Shunting of shielding when opened up to sizes we specify is about 25%, so order 25% more flat length than opened up length actually needed.

Natural Copper Finish

Stock Num.	Diam.	Wide 10 ft.	Flat For	For
K16615	1 in.	1/2 in.	42¢	\$1.65
K16616	3/8 in.	3/8 in.	30¢	1.25
K16617	3/4 in.	3/4 in.	20¢	.85
K16618	1/2 in.	1/2 in.	15¢	.60

Individual Wires Tinned

Stock Num.	Diam.	Wide 10 ft.	Flat For	For
K16619	1 in.	1/2 in.	50¢	\$2.38
K16620	3/4 in.	3/4 in.	38¢	1.65
K16621	3/8 in.	3/8 in.	27¢	1.10
K16622	1/2 in.	1/2 in.	22¢	.95

## Shielded Lead-in and Ground Wire



Size 18 stranded inner conductor. Rubber insulated with outer braided shield of tinned copper wire. When used as lead-in, by grounding the outer shield to the car frame, the tendency to pick up ignition noise and other static between aerial and receiver is practically eliminated.

**K4585—50 foot coil. 45¢**  
EACH

**K4586—100 foot coil. 88¢**  
EACH

**K4587—250 foot coil. \$2.15**  
EACH

## Shielded Ignition Cable



7 M/M shielded secondary high tension wire. For lead from plugs to coil, distributor to coil, etc. Conductor consists of 16 strands size 27, tinned copper wire, over which is covering of high tension rubber compound and a specially impregnated cotton braid. Overall is woven shielding of tinned copper wire. Very flexible.

**K16613—10 feet for ..... 59¢**  
100 feet for **\$4.95**

## Belden Airman



## Shielded Wires for Auto Radio Installations

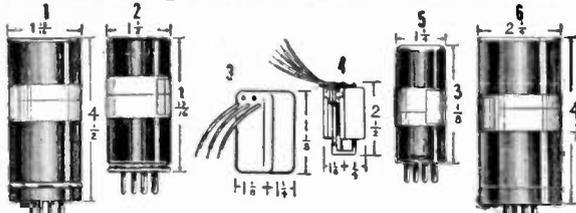
For "A" Battery Leads  
Conductor is B & S size 12 equivalent, consisting of 65 size 30 stranded copper wires. Insulation consists of two wrappings of varnish impregnated cambric tapes over which is a woven cotton braid. Overall is woven shielding of tinned copper wire. Very flexible.

**K16540—10 feet for ..... 65¢**  
100 feet for **\$6.18**

## For "B" Battery and Speaker Leads

**K16541—Conductor is B & S, size 18 equivalent consisting of 16 strands size 30 copper wire. Insulation same as above. 46¢**  
10 feet for .....  
100 feet for **\$4.37**

# Utah Replacement Vibrators



Only 18 Different Vibrators Required for Servicing 518 Auto Radio Models and All 6 Volt Home Radios

Select the vibrator you require from the vibrator circuit diagrams or send for a copy of the Utah Vibrator Guide. For size of vibrator refer to illustration having corresponding type number.

<p><b>Code NP4</b> Type 2 K5330 List, \$4.50 Your Price <b>\$2.65</b></p>	<p><b>Code SP51</b> Type 3 K5336 List, \$5.00 Your Price <b>\$3.09</b></p>	<p><b>Code SP62</b> Type 2 K5342 List, \$5.00 Your Price <b>\$2.94</b></p>
<p><b>Code NP6</b> Type 2 K5331 List, \$4.50 Your Price <b>\$2.65</b></p>	<p><b>Code SP52</b> Type 6 K5337 List, \$5.25 Your Price <b>\$3.09</b></p>	<p><b>Code SP66</b> Type 5 K5343 List, \$5.00 Your Price <b>\$2.94</b></p>
<p><b>Code NP41</b> Type 6 K5332 List, \$4.00 Your Price <b>\$2.35</b></p>	<p><b>Code SP53</b> Type 1 K5338 List, \$5.50 Your Price <b>\$3.23</b></p>	<p><b>Code SP6</b> Type 2 K5344 List, \$5.00 Your Price <b>\$2.94</b></p>
<p><b>Code NL3</b> Type 3 K5333 List, \$4.50 Your Price <b>\$2.65</b></p>	<p><b>Code SP5</b> Type 2 K5339 List, \$5.00 Your Price <b>\$2.94</b></p>	<p><b>Code SL5</b> Type 4 K5345 List, \$5.25 Your Price <b>\$3.09</b></p>
<p><b>Code NP42</b> Type 5 K5334 List, \$4.50 Your Price <b>\$2.65</b></p>	<p><b>Code SP55</b> Type 2 K5340 List, \$5.00 Your Price <b>\$2.94</b></p>	<p><b>Code SL51</b> Type 4 K5346 List, \$5.50 Your Price <b>\$3.23</b></p>
<p><b>Code NP43</b> Type 5 K5335 List, \$4.50 Your Price <b>\$2.65</b></p>	<p><b>Code SP61</b> Type 6 K5341 List, \$5.50 Your Price <b>\$3.82</b></p>	<p><b>Code SLH</b> Type 6 K5347 List, \$5.50 Your Price <b>\$3.23</b></p>

\*Code NL3 (Types 3) Stock number K5333—List, \$4.50. Your Special Price lots of six each, \$2.20

## Tenite Control Knobs for Auto Radios

Colors and Shades to Harmonize with Instrument Knobs of Most Automobiles

An assortment of 70 knobs. Contents: 6 brown iridescent, 12 grey, 16 pearl white, 8 red variegated, 10 rose variegated, 4 peach variegated, 4 lavender variegated, 4 dark mottled and 6 orange colored knobs. Made of a strong glossy material that closely resembles marble in appearance. Colored Knobs supplied are the most generally used on the automobile dash controls. With this assortment it is possible to equip auto radio remote controls with knobs that harmonize with the car interior. Knobs are packed in an eye appealing display case for your counter. Two knobs and panel plate are mounted on inside of cover. Size of case 8 1/2" x 10". Knobs have easy to grip knurled edges and set screw on side for securing to shaft. Overall diameter 7/8". Fit 3/8" shafts.

K11400—Assortment of 70 colored knobs.  
List Price, \$17.50. **\$10.29**  
YOUR PRICE .....

## Replacement Tenite Control Knobs

Exactly the same knobs as described above but supplied as you specify. Display carton not included.

Stock Num.	Description	Stock Num.	Description	List Price 25¢	YOUR PRICE
K11401	Dark mottled	K11406	Peach variegated	<b>15¢</b>	<b>15¢</b>
K11402	Brown iridescent	K11407	Rose variegated		
K11403	Grey	K11408	Red variegated		
K11404	Lavender variegated	K11409	Pearl white		
K11405	Orange				

Ten for..... \$1.45

# Home Radio VIBRATOR GUIDE

## Vibrators for 6 Volt Home Receivers

Name and Model	Stock No.	Radiart Your Price	Mallory Stock No.	Mallory Your Price	Electronic Stock No.	Electronic Your Price
ADDISON—N-655			K5058	\$3.53	K5151	\$3.23
ARVIN—6 V.	K5287	\$2.94				
ATWATER-KENT—237Q, 467Q	K5270	2.65			K5130	2.35
CONTINENTAL-6 Vt. Home Set	K5276	2.94	K5034	3.23		
CROSLEY—6615, 435	K5277	2.94	K5035	3.23		
DELCO—6010	K5259	2.94	K5055	3.23		
ERLA-SENTINEL—31B72, 31B74, 34B71, 34B73	K5259	2.94			K5150	3.09
LEWOL—9682			K5058	3.53	K5151	3.23
PACIFIC—682			K5058	3.53	K5151	3.23
PHILCO—624B,- F, & R					K5154	3.09
R.C.A.—B6, 6-3	K5259	2.94				
BC6-6, BT6-5, 4 Vt. Farm Set	K5263	2.94			K5149	2.94
SIMPLEX—5DB	K5240	2.94			K5148	2.94
TATRO-L—M4616, O4626, P4626	K5267	3.23	K5053	3.53	K5151	3.23
Q5638, R5636, (1st Series)	K5267	3.23	K5058	3.53	K5151	3.23
(2nd Series)			K5052	3.23	K5139	2.94
6A, H465, I&II465, J&J465, K665						
WILCOX-GAY—5F8, 90N.S.	K5207	2.65			K5119	2.20
ZENITH-4V31, 4V59, 6V27, 6V62, 4B106, 4B131, 4B132, 6B107, 6B120, 6B164, 6V59	K5277	2.94	K5035	3.23	K5146	2.94

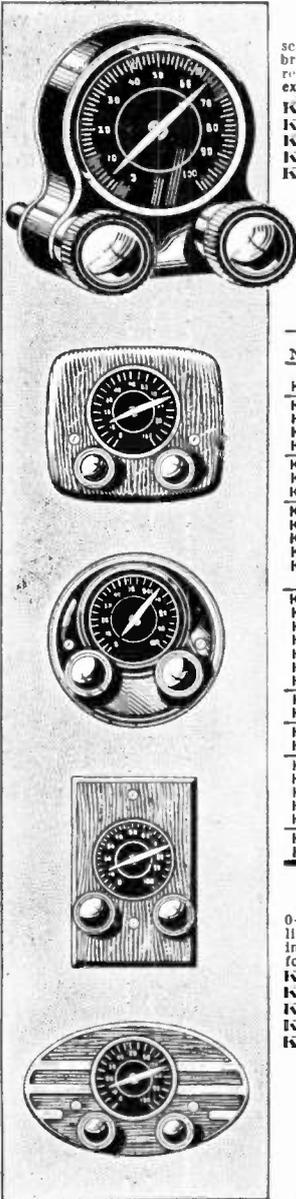
## Vibrators For 32 Volt Home Receivers

Name and Model	Stock No.	Radiart Your Price	Mallory Stock No.	Mallory Your Price	Electronic Stock No.	Electronic Your Price
ADMIRAL (L'TATRO)—F923	K5233	\$3.23	K5008	\$2.94	K5163	\$3.09
AIRLINE—62-136, 62-138			K5044	3.09	K5164	2.94
32 Volt Sync.	K5239	3.09				
32 Volt Non Sync.	K5224	2.94				
ATR INVERTER—32					K5162	3.82
ATWATER-KENT—135Z, 215Z, 265Z, 305Z, 665Z	K5255	2.94	K5071	3.23	K5168	2.50
AUDIOLA—33-S-8	K5238	2.09	K5076	3.53	K5159	2.35
33-S8 (2nd Series)			K5021	3.38		
CAPTAIN (L'TATRO)—F913	K5233	3.23	K5008	2.94	K5163	3.09
COLONIAL—1934 Models	K5236	3.38			K5170	2.79
COMMANDER (L'TATRO)—F83	K5233	3.23	K5008	2.94	K5163	3.09
CROSLEY—119, 159	K5237	3.59	K5024	3.96	K5172	3.09
845					K5171	3.38
DELCO—4049, 4050, 4051	K5237	3.53	K5037	3.82	K5172	3.09
(United Motors)—3203, 3204	K5260	3.23	K5037	3.82	K5171	3.38
ELECTRONIC CONV.—10					K5156	3.82
338					K5161	2.65
10G, 12					K5158	3.82
GOV'NOR (L'TATRO)—N54, L54	K5234	3.67	K5013	3.67	K5165	3.38
N74, L74	K5224	2.94	K5040	2.94	K5169	2.79
L'TATRO—C625, D625, F725, U5226, V5226, T6216, W6236, K6236, Y6236	K5224	2.94	K5040	2.94	K5169	2.79
MAJESTIC—Complete Pack	K5217	5.88				
Head Only	K5231	3.09				
Vibrator for Above Pack	K5235	2.94				
490, 491, 493 (Plug-in-Type)			K5067	3.23		
490, 491, 493 (Trans. Type)			K5019	3.23		
PHILCO—Non Sync. 32V.	K6257	3.09	K5079	3.53	K5166	3.53
PILOT (L'TATRO)—J5, G63	K5233	3.23	K5008	2.94	K5163	3.09
PRESIDENT (L'TATRO)—084	K5234	3.67	K5013	3.67	K5165	3.38
094, F725, D825, C825	K5224	2.94	K5040	2.94	K5169	2.79
RECORDER (L'TATRO)—P54, 64	K5224	2.94	K5040	2.94	K5163	2.79
R.C.A.—M223					K5167	3.53
SENTINEL (ERLA)—5600	K5224	2.94	K5044	3.09	K5164	2.94
6101			K5065	3.23		
SILVERTONE—(4 Prong)	K5224	2.94			K5169	2.79
(6 Prong), 1855	K5236	3.38			K5170	2.79
5234 Conv.					K5161	2.65
SIMPLEX—1933, 1934 Models	K5203	3.23			K5159	2.35
1935 Sync.	K5240	2.94				
WELLS-GARDNER—1934	K5224	2.94	K5044	3.09	K5169	2.79
1934 (2nd Series), 1935	K5239	3.09			K5164	2.94
28B1, 26B5			K5044	3.09	K5164	2.94
26R1, 36D560	K5224	2.94			K5164	2.94
36D510	K5224	2.94			K5169	2.79
ZENITH INV.—11					K5157	2.79

# CROWE REMOTE CONTROL HEADS

## and INSTRUMENT PANEL KITS FOR ALL CARS

Two Styles of Heads for Perfect Installation in Dash of Any Car

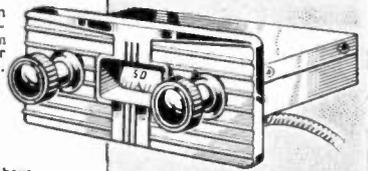


### Airplane Type Control Heads

Use for panel installation in cars specified below. Black pyralin scales with 0-100 white markings. Indirect illumination. Convex unbreakable and non-inflammable crystals. Pointer is quickly adjusted from rear. Supplied with standard type pilot light. Made in five ratios. For explanation of ratios see "Instructions for Ordering", at bottom of page.

K10854—For 6 to 1 ratio condenser	} <b>YOUR PRICE</b> <b>\$2.06</b>
K10855—For 8 to 1 ratio condenser	
K10856—For 10 to 1 ratio condenser	
K10857—For 12 to 1 ratio condenser	
K10858—For 16 to 1 ratio condenser	

Note:—If switch is required on control head add 74c net to above price and specify "Control Head With Switch" on your order.



### Instrument Panel Escutcheon Kits

#### For Airplane Type Controls

Use above controls with appropriate mounting kit as shown in list below to provide complete instrument panel installation in the cars listed. Each kit includes escutcheon plate and all necessary hardware and knobs to harmonize with other controls in each of the cars.

Stock Number	Code Number	AUTOMOBILE	List Price	Your Price
K10864	A-8630	Auburn—Early 1936 (Black)	\$1.00	<b>59c</b>
K10865	A-8810	Chrysler Airstream—1935	\$1.20	71c
K10866	A-9028	DeSoto Airstream—1935	1.20	71c
K10867	A-8160	DeSoto Custom Airstream—1936	1.35	79c
K10867	A-8160	DeSoto Airflow—1936	1.35	79c
K10868	A-8462	DeSoto DeLuxe Airstream—1936		
K10869	A-8634	Dodge—1935	\$1.20	<b>71c</b>
K10870	A-8638	Ford DeLuxe—1934		
K10871	A-8843	Ford DeLuxe—1935		
K10872	A-8814	Ford Standard—1935	\$1.00	
K10873	A-8628	Ford DeLuxe—Early 1936 (Benton Gray)		<b>59c</b>
K10871	A-8843	Ford Standard—Early 1936 (Taupe)		
K10881	A-10083	Ford Standard and DeLuxe—Late 1936 (for Wood Grain Instrument Panel)		
K10876	A-8628	Graham Six and Eight—1935	\$1.20	71c
K10874	A-8439	Hudson Six and Eight—1936	\$1.20	79c
K10869	A-8634	Hupmobile Six—1935	1.20	71c
K10870	A-8638	Hupmobile DeLuxe Eight—1935	1.20	71c
K10864	A-8630	Hupmobile Standard Eight—1935	1.00	59c
K10869	A-8634	Hupmobile Six—1936	1.20	71c
K10870	A-8638	Hupmobile Eight—1936	1.20	71c
K10875	A-8632	Lafayette—1936		<b>59c</b>
K10873	A-8626	Lincoln Zephyr—1936	\$1.00	
K10876	A-8628	Nash 400—1936		<b>71c</b>
K10876	A-8628	Nash Ambassador Six and Eight—1936	\$1.20	
K10882	A-9125	Packard 120—1935	\$1.35	79c
K10883	A-9416	Packard 120—1936	\$1.35	79c
K10869	A-8634	Plymouth—early 1935 (walnut grain)	\$1.20	71c
K10877	A-8843	Plymouth—late 1935 (taupe finish)	1.20	71c
K10878	A-8636	Plymouth Standard—1936	1.00	59c
K10879	A-8459	Studebaker Dictator Six—1936		<b>79c</b>
K10880	A-8451	Terraplane—1936	\$1.35	

### Porthole Type Control Head

Use for panel installation in cars specified below. White pyralin scales with 0-100 black markings. Indirect illumination. Supplied with standard type pilot light. Made in five ratios. Supplied with two dial scales—one for vertical mounting and one for horizontal mounting. For explanation of ratios see "Instructions for Ordering", at bottom of page.

K10850—For 6 to 1 ratio condenser	} <b>YOUR PRICE</b> <b>\$2.50</b>
K10860—For 8 to 1 ratio condenser	
K10861—For 10 to 1 ratio condenser	
K10862—For 12 to 1 ratio condenser	
K10863—For 16 to 1 ratio condenser	

Note:—If switch is required on control head add 74c net to above price and specify "Control Head With Switch" on your order.

### Instrument Panel Escutcheon Kits

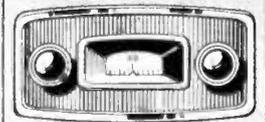
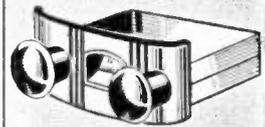
#### For Porthole Type Control

Use above controls with appropriate mounting kit as shown in list below to provide complete instrument panel installation in the cars listed. Each kit includes escutcheon plate and all necessary hardware and knobs to harmonize with other controls in each of the cars.

Stock Number	Code Number	AUTOMOBILE	List Price	Your Price
K10885	A-8639	Buick 40, 60—1936		<b>88c</b>
K10885	A-8639	Buick 80, 90—1936	\$1.50	
K10886	A-8649	Cadillac V8, 60, 70—1936		<b>\$1.18</b>
K10886	A-8649	Cadillac V8, 75—1936	\$2.00	
K10886	A-8649	Cadillac V12, V16—1936		
K10887	A-8847	Chevrolet Master—1935		<b>79c</b>
K10888	A-8629	Chevrolet Master—1936	\$1.35	
K10888	A-8629	Chevrolet Standard—1936		
K10849	A-8646	Chrysler Airflow Eight—1936		<b>\$1.18</b>
K10890	A-8892	Chrysler Airstream Six—1936		
K10891	A-8803	Chrysler Airstream Eight—1936	\$2.00	
K10889	A-8646	Chrysler Imperial—1936		
K10892	A-8641	Dodge—1936 (Walnut Grain)	\$1.50	\$0.88
K10884	A-10084	Dodge—1936 (Black)	1.50	.88
K10886	A-8649	LaSalle—1936	2.00	1.18
K10893	A-8846	Oldsmobile Six—1935		<b>88c</b>
K10893	A-8846	Oldsmobile Eight—1935		
K10894	A-8519	Oldsmobile Six—1936	\$1.50	
K10894	A-8519	Oldsmobile Eight—1936		
K10895	A-8376	Plymouth DeLuxe—1936		<b>79c</b>
K10886	A-9025	Pontiac—1935		
K10897	A-8891	Pontiac DeLuxe Six—1936	\$1.35	
K10897	A-8891	Pontiac DeLuxe Eight—1936		
K10897	A-8894	Pontiac Master Six—1936		

### Install Any New or Old Auto Radio in the Dash of Any Car

With only two styles of controls and only 30 different escutcheon kits, perfect panel installations can be made in 58 models of 16 makes of cars. With the escutcheon kits listed instrument panel installations are now possible with any make or model Auto Radio in practically any make or model of automobile. Many auto radio manufacturers used Crowe Remote Control Heads as standard equipment with their receivers—if the set you are installing or transferring to another make of car has a Crowe head it is only necessary to purchase the required instrument panel escutcheon kit. In every other instance a control head and an escutcheon kit are required.



### Instructions for Ordering Remote Control Heads

**HOW TO DETERMINE RATIO REQUIRED.** To determine the gear ratio of any condenser first open the condenser and then count the turns of the flexible shaft required to bring rotor to fully closed position. Multiply this figure by two to obtain the gear ratio.

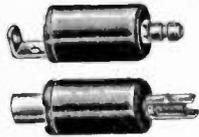
**WITH "ON-OFF" SWITCH OR WITHOUT SWITCH.** If the radio chassis has a combined switch and volume control, the remote control need not have a switch.

**FLEXIBLE SHAFTS AND CASINGS.** Cables are not supplied with the control heads listed on this page because in many installations the shafts on the old head can be switched. See listing of flexible shafts and casings, and end fittings only.

# AUTO RADIO



## Ward Leonard Auto Spark Suppressors Save Gas and Improve Auto Radio Performance



A new type low resistance Automobile Ignition noise suppressor. Inductive type. Presents very high impedance to the oscillator discharge of an ignition spark but less than 200 ohms to the initial surge which fires the cylinder. Filter is of solid, vibration proof construction, moisture and oil proof, not effected by motor heat. Sell this item both as an improved filter and as an economy item. The low resistance usually results in 2 to 5 miles more per gallon of gas. The jerky idling of a motor with high resistance suppressors is smoothed out.

K3953—Spark Plug Type.  
K3954—Distributor Type.  
List Price, 60c. **YOUR PRICE** ..... **27c**  
TEN FOR ..... **\$2.65**

## Ward Leonard New Single Unit Super Auto Spark Suppressor



**Eliminates Individual Suppressors**  
K3955—List Price, \$3.50.  
**YOUR PRICE** ..... **\$1.47**

A new inductive type spark suppressor designed for use on late model cars with well-shielded ignition systems. Only one required. Prevents motor noise from reaching the radio. Mounts in center socket of distributor cap only. Casting is moulded bakelite with brass fittings. Heat proof and moisture proof. Because of the low resistance (250 ohms) the intensity of the spark is not reduced. Motor efficiency, speed, mileage, and starting in cold weather is not impaired. On cars with dual ignition systems two of these suppressors are required. Size of unit 5/8" long overall. 3/4" diameter.

## Spark Plug and Distributor Suppressors For Auto Radio Motor Interference

For silencing engine noises due to spark radiation in Auto Radio installations. Carbon resistance element enclosed in waterproof tube. Cannot short or jar loose. Strong and durable.

**YOUR PRICE** ..... **10c**  
EACH For

Any Type  
TEN FOR **89c**  
FIFTY FOR **\$4.50**

**Elbow Resistor** K3968— Requires very little space for mounting.  
**Spark Plug Type** K3969— Fits all cars requiring standard Suppressor.

**Distributor Resistor** K3970— Standard distributor type.  
**Cable Resistor** K3971— Inserts in ignition cable.

**Ford V-8 Suppressor** K3972— Supplied with a special resistance of 50,000 ohms.  
**Short Type** K3973— Used on Buick, Ford V-8, etc. End terminal screws open other end fits all spark plugs.



**Auto Radio Lock**  
Easy to install. Remove old nut from bulkhead bolt, slip on special bushing and nut, and lock slips over nut and bushing. Lock barrel made by Yale. Two keys supplied.  
K11086—List, \$1.00.  
**YOUR PRICE** ..... **59c**



## Powerflo Auto Spark Suppressors Inductive Wire Wound

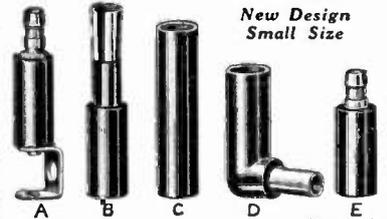


Spark Plug Type K3958—  
Ford V8 Type K3959—

**Distributor Type** K3960—  
**YOUR PRICE** ..... **20c**  
EACH

Ten for... **\$1.79**  
Stops radio noises—suppresses disturbances in electrical system that cannot be eliminated otherwise—prevents reduction of speed—insures full engine power—allows faster acceleration—saves excess fuel. The Nichrome Wire Core that is used gives thousands of miles more service from spark plugs, coil and ignition points, than any type of carbon suppressor! A full flow of current from distributor to spark plugs without interruption—efficiency is constant. Not affected by heat or humidity. Will not break, crack down or burn out at any speed. Resistance 12,500 ohms. Ford type 25,000 ohms resistance.

## New Compact Suppressors



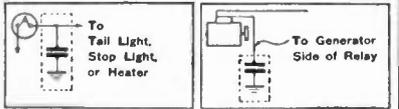
**New Design Small Size**  
K3961—Type A Spark Plug Type  
K3962—Type B Distributor Type  
K3963—Type C Cable Type  
K3964—Type D Elbow Type  
K3965—Type E V8 and other Cars  
**YOUR PRICE** ..... **15c**  
Each  
Ten for **\$1.34**

\*Fit all makes of spark plugs. End terminal screws open for connecting wires.  
Latest design new small size suppressors for use on new model cars. Highly efficient noise suppressors for auto-radio installations. Carbon resistance element is encased in a heat-proof and moisture-proof tube. Metal parts are securely fastened. Leakage is at an absolute minimum.

## Capacity and Inductive Type Auto Filter Units

**Single Capacitors In Metal Containers**  
The units with smaller capacitance are for use on interrupter and battery sides of ignition coil, tall light, windshield wiper, cigarette lighter, motor driven heaters and other electrical accessories on the car. The units with greater capacitance are especially desirable for use on car generators. When the generator charging rate is set exceptionally high, type AG-4b should be used. The greater the capacity the greater the filtering value.

TYPE AG-1. Capacity .25 Mfd. Size 1 1/2 x 1 1/2".  
K8664—List, 80c.  
**YOUR PRICE, EACH** ..... **15c**  
TYPE AG-2. Capacity .5 Mfd. Size 1 1/2 x 1 1/2".  
K8665—List, 95c.  
**YOUR PRICE, EACH** ..... **19c**  
TYPE AG-3a. Capacity 1.0 Mfd. Size 1 1/2 x 2".  
K8666—List, \$1.25.  
**YOUR PRICE, EACH** ..... **25c**  
TYPE AG-4b. Capacity 1.5 Mfd. Size 1 1/2 x 2 1/2".  
K8667—List, \$1.75.  
**YOUR PRICE, EACH** ..... **32c**

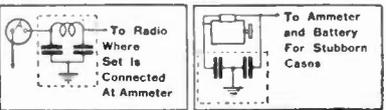


**Single Capacitor In Tubular Fibre Case**  
Cased in a durable fibre tube. Two flexible leads. For use on lighting and electric accessory circuits where there is no ground mounting available for a metal can unit. Can be concealed within the upholstery. Will withstand only normal temperatures.  
K8670—Type AG-5. Capacity .5 mfd. Size 1 1/2 x 2 1/2".  
List Price, 85c.  
**YOUR PRICE** ..... **18c**  
Ten for \$1.72

## Dual Capacitor and Inductive Units In Metal Cases

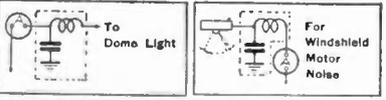
K8668—List, \$1.75.  
**YOUR PRICE** ..... **44c**  
TYPE AG-7. Consists of two .5 Mfd. capacitors and a choke in one can. Size 1 1/2 x 2 1/2". For filtering storage battery supply to Radio. Unbalanced condition of electrical auto system caused by various rates of charge and discharge of battery makes this unit indispensable in all installations. Diagram for connecting furnished.

TYPE AG-8. Two .5 Mfd. capacitors properly grounded in one can. Makes possible a high charging rate without radio interference. When generator cutout points are open one section of capacitor filters the disturbance. When motor speed is sufficient to close generator cutout points the other capacitor is automatically added to the charging circuit thereby increasing the filtering effect. Size 1 1/2 x 2 1/2".  
K8669—List, \$1.50.  
**YOUR PRICE, EACH** ..... **34c**



## Special Filter for Dome Lights

K8671—List, \$1.50.  
**YOUR PRICE** ..... **28c**  
Ten for \$2.59  
TYPE AG-6. A .5 Mfd. capacitor and choke in one fibre tube. Three leads. For use on any lighting, electric accessory or ignition circuit where interference is unusually stubborn. Size 1 x 3".



## Ford V8 Noise Eliminator Distributor Brush Replaces Original Brushes

K3976—For 1933, '34, '35 Fords.  
K3977—For 1936 Fords.  
List Price, 30c.  
**YOUR PRICE, EACH** ..... **12c**  
Ten for ..... **\$1.10**

A high resistance brush for the distributor of the Ford V8 to eliminate radio interference. Takes the place of the original distributor brush and acts as the distributor suppressor. The material used in the construction of the brush is as durable as in the original brush supplied with the car. Will give long wear life. Two suppressor brushes are required for each Ford V8 distributor. 3/4" diam., 1/2" long body.

## Special Ford V8 Filter Condenser Unit Bracket Fits Around Ford Bakelite Distributor Head

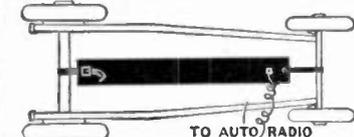
K8672—List, \$1.50.  
**YOUR PRICE** ..... **24c**  
Ten for \$2.05  
Especially designed for the new Ford V8 distributor. The metal bracket securely attached to the metal case of the filter unit, exactly fits the two bolts that hold the bakelite distributor can in place. This filter unit is a necessity on all Ford V8 cars because there is no place for mounting a resistance type of suppressor. The size and capacity exactly meet the requirements for installation and correct filtering.



# ACCESSORIES



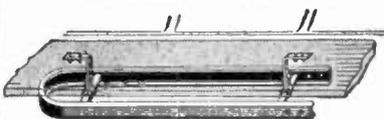
## Axle to Axle Moto-Aerial



K15900—List, \$1.25.  
YOUR PRICE..... **33¢**

Metallie conductor, enclosed in 53 inch long waterproof fabric envelope with two 28 inch web straps on both ends. 3 ft. rubber covered lead.

## "Red Head" Junior

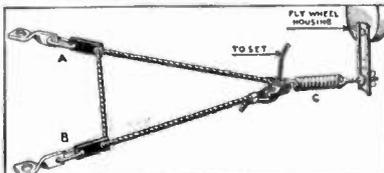


K15903—List, \$1.65.  
YOUR PRICE..... **69¢**

### New Type Vertical Plate Running Board Antenna

Adjustable mounting brackets fit on running board bolts. Vertical plate construction decreases aerial to ground capacity and increases signal strength. Will not pick up Ignition Interference. Almost twice the efficiency of ordinary flat metal plate types. Sturdily constructed. Will never sag, vibrate or rattle. Properly insulated against all road and weather conditions—will never short out. Spring clip at front for attaching lead-in. Rust-proof red and black finish. Length 36", width 17".

## LO-LOSS Triangular Under Car Antenna



K15908—List, \$2.00.  
YOUR PRICE..... **69¢**

Long length of aerial permits stronger induced signal thereby increasing sensitivity of auto radio. All brackets are of cold rolled steel. All insulation is genuine Bakelite. Heavy chromium plated spring. Rubber covered copper lead-in wire and heavy genuine copper cable. Do not be misled by cheap outfits using inferior insulators, steel wire and japanned metal parts.

Kit contains necessary brackets and hardware for fastening securely in place; 2 rear axle insulators; 1 fly-wheel housing insulator assembly with tension adjuster; 20 feet of 42 strand copper aerial wire with 6 feet of weather-proof insulated lead-in securely soldered to aerial wire.

## Ground Pick-up Antenna



K15916—List, \$2.75.  
YOUR PRICE..... **\$1.57**

Aerial wire is molded inside of flexible, weather-proof rubber strips 3 3/4" wide. Two strips are mounted parallel on rust proof supporting plates. Width 8", length 2' 7". An additional 6 inch portion of each strip extends to a point just a few inches above the ground. Easy to install, all mounting hardware included. Heavy spring takes up slack—will not sag or drag. Flexible.

## Copper Wire Screen

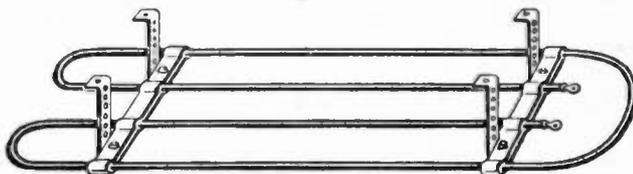


K15901—Size 14 mesh (14 squares to 1 sq ft) Per Piece 3'x6". EACH..... **\$1.48**  
Longer continuous lengths at proportionate prices.

Pure copper wire screen "cloth." Makes most efficient aerial for auto when installed in top.

## New Improved Rubber Covered "Red Head" Running Board Aerial

Highest Efficiency  
Quick, Easy Installation  
K15904—YOUR PRICE  
**\$1.47**



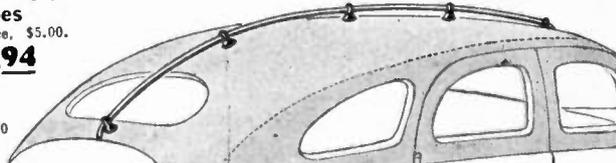
Lots of 10, Each, \$1.32  
Designed for installation under the running board on bolts which are already in running board supports. The mounting brackets are adjustable along the entire 48 inch length of the aerial. No drilling is required. Distance from the running board is adjustable from 2" to 4 1/2". The four malleable iron aerial brackets are securely attached to rubber covered aerial rods. Aerial Consists of twenty feet of heavy, hard drawn, 3/4", triple galvanized, steel rubber covered rod formed into four 40" divisions making a solid one piece rigid unit. The malleable iron brackets can be easily bent and are readily adaptable to many types of instal-

lations. Entire antenna is rust-proofed. Head end is fitted with connectors for lead-in and for connecting two aerials in series where aerials under both running boards are desired. Gives efficient pick up from stations and practically eliminates ignition-noise pickup. Our tests have proven that the "Red Head" Antenna has a greater percentage of efficiency. It is a scientifically engineered auto radio antenna as well as the easiest to install. There are no springs or loose wires to vibrate. The insulation against all road conditions and weather conditions is practically perfect. Overall dimensions 48" long, 8 1/2" wide.

## New 1937 Streamline Auto Antenna

For Coupes  
K15924—List Price, \$5.00.  
YOUR PRICE, **\$2.94**

For Sedans and Coaches  
K15926—List, \$5.50  
YOUR PRICE **\$3.23**



### More Distance—Less Noise—More Volume

Simple Installation—Attractive Appearance—Efficient Action

Adds to the streamline appearance of any car. Fits the highest efficiency of any aerial yet developed. Especially desirable for use in isolated districts where signal strength is low. Complete kit consists of 5 large 3" rubber vacuum cup standoffs, 8 1/2' aluminum tubing with sedan kit and 7 1/2' with coupe kit, 8' lead-in shielded for 3' and set connector on end. Instructions.

### For All Steel Turret Top Cars

Mounts over top of car on five large rubber vacuum cup standoffs. Bright polished aluminum tubing for high conduction is used. No holes to drill on top—increased pickup because of less absorption—low motor noise level obtained by shielding effect of car top—not affected by wet weather—will not short out from ice water or mud. Also for use on fabric top cars.



## New Improved Under-Car Antenna

For PHILCO Auto Radios

### Completely Assembled and Wired for Installation Under One or Both Running Boards

Especially designed for use with Philco auto radios but will give satisfactory results with all other receivers. Fits on bolts already in running board. It is only necessary to remove four nuts from each running board, locate the antenna brackets and replace the nuts. Installation is made under one or both running boards. The Dual Outfit has almost twice the efficiency of the Single Outfit. Insulated connecting cable which crosses under car at the rear end supplied with Dual Outfit. Braid covered shielded antenna lead. Antenna channels of heavy rust proof metal. Adjustable saddles bolted to rubber supports with adjustable mounting brackets securely riveted to other end. Mounting brackets adjustable along the entire length. Length of channels 48".



K15909—Single outfit for installation under one running board. Consists of one dual type aerial. List Price, \$2.00.  
YOUR PRICE..... **\$1.18**

Lots of 10, Each..... **\$1.06**

K15910—Dual outfit for installation under both running boards. Consists of two dual type aerials. List Price, \$5.00.  
YOUR PRICE..... **\$2.35**

Lots of 10, Each..... **\$2.11**

## Magic Flap Super Auto Antenna

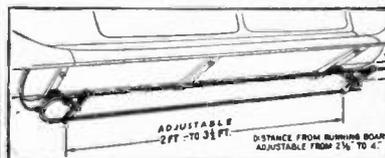


K15919—List, \$3.50.  
YOUR PRICE..... **\$2.06**

One piece sturdy moulded rubber construction, steel reinforced but not exposed. Pickup flap moulded as integral part of antenna proper. Aerial wire inside of rubber. Keeps its shape no sag. Two adjustable mounting brackets permit installation on bolts normally used on car. No drilling required. Brackets supplied. Lead terminal securely fastened. Utilizes the powerful ground waves.

## Dipole Auto Antenna

For RCA Auto Radios



K15912—Complete with 5' shielded lead-in and all hardware. List Price, \$2.60.  
YOUR PRICE..... **\$1.09**

Constructed of cadmium plated metal tubing. Mounted by bolts normally used on car running board.

# Remote-O-Cable" Replacer Crowe Dash Mounting Kits

## for Philco Auto Radios

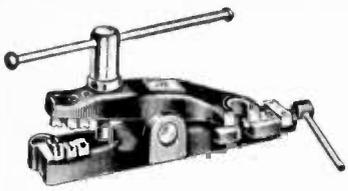
For Mounting All 1936 Philco Radio Control Heads in the Instrument Panel in Over 50 Models of Cars

### Tailor-Made to Match Car Interiors

To exactly match automobile interior trim, a wide variety of processes are used in producing these escutcheon plates. Some require etched decoration, others must be hammer embossed; a number require graining to simulate wood and some have portions of chrome plate. A good many combine two or more of these finishes on one plate. Made of heavy gauge steel. Exactly fit ashtray or panel.

Panel installations are quickly made without defacing the instrument panel. Packed complete with all mounting hardware. Supplied for Models 816, 817, 818 and 819 Philco Auto Radio Control Heads. List Price, \$1.40.

**YOUR PRICE, Each** ..... **83c**  
(Lots of 10, Each, 79c)



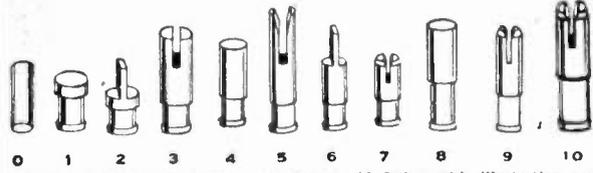
**Easily and Quickly**

- Removes Old Fittings.
- Swages cable.
- Cuts cable to length.
- Replaces old fittings.

**K16900** — "Remote-O Cable" Replacer complete with reamer, punch, housing bar and mounting bolts.  
List Price, \$47.50  
**YOUR PRICE** ..... **\$37.24**

An ingenious new machine. Should be part of the equipment in every auto radio service shop. It does the following, with the utmost speed and precision: removes old cable fittings; swages cable to prevent unravelling; cuts cable to exact length; replaces old fittings on new cable. Develops over 2000 pounds pressure. With the Remote-O-Cable machine, a length of cable and housing, and an assortment of fittings, any remote control cable job can be speedily and economically accomplished. You can make your cables exact size — no waste of time or money. Size: 15" long, 7/8" high, 5/4" wide. Shpg. wt. 23 lbs. Guaranteed against defects in material or workmanship.

### Auto Radio Cable Fittings



A type for every cable now in use. Match old fitting with illustration and order by stock number. Highest quality. Made of brass. Exact duplicates of fittings used on the majority of auto radio cables.

**K10710**—Type 0      **K10714**—Type 4      **K10717**—Type 7  
**K10711**—Type 1      **K10715**—Type 5      **K10718**—Type 8  
**K10712**—Type 2      **K10716**—Type 6      **K10719**—Type 9  
**K10713**—Type 3

**YOUR PRICE, EACH, Any Type** ..... **6c**

### Assortment of Fittings and Gears



An assortment of 120 different types of fittings and gears. Packed in a sturdy metal container. Exact duplicates of the most popular types used on cables in Philco, Motorola, R.C.A., United Motors, Bush, Crosley, Spion, Atwater Kent, Stewart Warner, Arvin, Zenith, Emerson, and other popular auto radios. Case size 7 1/2 x 3 1/2 x 1 1/2".  
**K10734**—  
 List Price, \$13.50.  
**YOUR PRICE** ..... **\$7.84**

### Gear Fittings Made of Brass

Type G1 **K10721**  
 Type G2 **K10722**  
 Type G3 **K10723**  
 Type P4 **K10724**

**YOUR PRICE, Any Type, EACH** ..... **24c**

### Cable Housing Ends

**A B C**

Rust proof metal. Fit over any auto radio cable housing. **Your Price, Each**

**K10729**—Type A  
**K10730**—Type B  
**K10731**—Type C

**YOUR PRICE** ..... **6c**

### Casing Only

Parkerized rust proof finish. Casing easily cut to exact size required.

Length Inches	Stock Number	List Price	Your Price
18	K10744	30c	18c
24	K10745	35c	24c
30	K10746	45c	27c
36	K10747	55c	31c

### Casing Only

**In Continuous Lengths**  
**K10748**—25 Feet.  
**YOUR PRICE** ..... **\$2.65**  
**K10749**—50 Feet.  
**YOUR PRICE** ..... **\$5.00**

### Casing Sleeves and Shaft Fittings

For connecting Crowe remote control to flexible-shaft casings having flared or expanded ends, such as used on Philco #805 Model. Saves cost of replacement shafts. Kit consists of two casing sleeves and two spade-type shaft fittings. Made of brass.  
**K10733**—List, 50c.  
**YOUR PRICE** ..... **29c**

Stock Num.	Code Number	Description
<b>K10770</b>	A-9258	(Weathered vertical oak grain) Studebaker Dictator—1936
<b>K10771</b>	A-9249	(Nickel and grained walnut) Dodge—1936
<b>K10772</b>	A-9252	(Maroon) Lafayette—1936
<b>K10773</b>	A-9248	(Tinted burl walnut) De Soto DeLuxe Airstream—1936
<b>K10774</b>	A-9460	(Tinted burl walnut) De Soto Custom Airstream—1936 De Soto Airflow—1936
<b>K10775</b>	A-9275	(Horizontal walnut grain) De Soto Airstream—1935 Dodge—1935 Hupmobile 6—1935, '36 Nash 6, 8—1935 Plymouth Standard—1935 Plymouth DeLuxe—early 1935
<b>K10776</b>	A-9256	(Vertical taupe grain) Plymouth DeLuxe—late 1935
<b>K10777</b>	A-9256	(Winterleaf Brown) Plymouth DeLuxe—1936
<b>K10778</b>	A-9274	(Iridescent brown) *Plymouth Standard—1936
<b>K10779</b>	A-9253	(Glossy black) Plymouth—1934 Auburn—early 1936 Dodge—1934 Graham 6, 8—1935 Nash 400—1936 Nash Ambassador—1936 Reo—1935 Hupmobile Standard 8—1935
<b>K10780</b>	A-9251	(Crotch mahogany) Hupmobile DeLuxe 8—1935 Hupmobile 8—1936 Ford DeLuxe—1934 *Ford Standard—1934
<b>K10781</b>	A-9264	(Maroon) Ford Standard—1935
<b>K10782</b>	A-9250	(Benton gray) Ford DeLuxe—1935, '36 Ford Standard—1936 Lincoln Zephyr—1936
<b>K10783</b>	A-9246	(Vertical walnut grain) Auburn—late 1936 Chrysler Airstream—1935
<b>K10784</b>	A-9247	(Iridescent tan) Chrysler Airstream 6—1936
<b>K10785</b>	A-9301	(Mahogany gray) Chrysler Airstream 8—1936
<b>K10786</b>	A-9303	(Iridescent dark brown) Chrysler Airflow 8—1936 Chrysler Imperial—1936
<b>K10787</b>	A-9257	(Chrome with satin background) Hudson—1934, '35 Hupmobile 8 DeLuxe Coupe—1936 Reo—1936 Terraplane—1934, '35
<b>K10788</b>	A-9245	(Polished chrome) Cadillac—1936 LaSalle—1936
<b>K10789</b>	A-9463	(Polished chrome and black) Packard 120—1935
<b>K10790</b>	A-9254	(Iridescent tan) Packard 120—1936
<b>K10791</b>	A-9604	(Gray Wood Grain) Hudson—1936
<b>K10792</b>	A-9605	(Walnut Grain) Terraplane—1936
<b>K10793</b>	A-9628	(Chrome and Black) Chevrolet 1935, '36 Pontiac 1935, '36
<b>K10794</b>	A-10081	(Mahogany Grain) Ford Standard—late 1936
<b>K10795</b>	A-10082	(Walnut Grain) Ford DeLuxe—late 1936
<b>K10796</b>	A-10085	(Black and Nickel) Dodge—early summer 1936

\*—No panel opening in this model, but car manufacturer has provided blank space where hole can be cut for radio control.



### Cable Only

Highest quality flexible shaft. Properly swaged at ends to prevent unravelling. No fittings are included.

Length Inches	Stock Number	List Price	Your Price
18	K10736	40c	24c
24	K10737	50c	29c
30	K10738	60c	36c
36	K10739	75c	42c

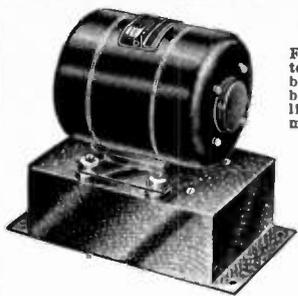
### Unswaged Cable

Cable must be properly swaged before cutting to prevent unravelling.  
**K10740**—25 feet. **\$2.94**  
**YOUR PRICE** .....  
**K10741**—50 feet. **\$5.83**  
**YOUR PRICE** .....

### Swaged Cable

Cable is swaged every six inches. The operation of swaging is not necessary when cutting cable at these points. Swaging prevents unravelling.  
**K10742**—25 feet. **\$5.59**  
**YOUR PRICE** .....  
**K10743**—50 feet. **\$10.88**  
**YOUR PRICE** .....

# Pioneer "Silver Band" Dynamotors "Gen-E-Motor" Converters



**Finest High Quality Power Supply Available**  
 For better performance in sound systems, police units, aircraft, marine and broadcast service. Not affected by vibration. Will withstand years of grueling service without repairs or adjustments. Delivers pure DC for perfect operation with exceptional voltage regulation. Greater number of commutator segments reduce ripple. Compact, light weight. Completely enclosed in dust tight case. Bearing brackets are of tough malleable iron. Welded steel ring construction. Armature is dynamically balanced and runs on grease-sealed bearings, insuring quietness and smooth operation. Units listed below are especially designed for P.A. and transmitter use.

## For 6 Volt D. C. Input

Stock Num.	Factory Type	Output Volts	Input M.A.	Input Amps	Size L x W x D	Wt. Lbs.	List Price	YOUR PRICE
K16850	E1W272	250	50	4.7	5 3/4 x 4 1/2 x 2 1/2	7 1/2	\$35.00	\$20.58
K16851	E1W339	250	100	7.5	5 3/4 x 4 1/2 x 2 1/2	7 1/2	35.00	20.58
K16852	E2W243	300	150	14.0	6 1/4 x 4 1/2 x 2 1/2	9 1/4	40.00	23.52
K16853	E3W438	400	125	14.2	6 1/4 x 4 1/2 x 2 1/2	9 1/4	42.00	24.70
K16854	E3W413	500	100	15.0	6 1/4 x 4 1/2 x 2 1/2	11	47.50	27.93

## Filter Unit

**K16855**—Standard filter for any above units. Delivers pure DC output. Mounts as base for dynamotor. List Price, \$19.50.  
**YOUR PRICE \$11.47**

## Gen-E-Motor B Power Supply With Filter

Reliable, low priced power supply unit with filter for radio receivers, amplifiers, P.A. systems, portable transmitters and sound trucks. Unusually efficient, compact unit. Completely enclosed in a sturdy dust proof metal case. Grease sealed ball bearings require no lubrication during entire life time. Gen-E-Motor floats on rubber mountings, reducing vibration. Unconditionally guaranteed in accordance with I.R.M.A. standards to operate absolutely dependably and noiselessly without adjustment, oiling, or servicing.



## For 6 Volt D. C. Input

Stock Num.	Factory Type	Output Volts	Input M.A.	Input Amps	Size L x W x D	Wt. Lbs.	List Price	YOUR PRICE
K6985	J	135	30	1.80	5 1/2 x 5 1/2 x 2 1/2	7 1/2	\$18.00	\$10.58
K6986	J	180	30	2.50	5 1/2 x 5 1/2 x 2 1/2	7 1/2	18.00	10.58
K6987	J	200	40	3.15	5 1/2 x 5 1/2 x 2 1/2	7 1/2	18.00	10.58
K6988	J	225	50	4.30	5 1/2 x 5 1/2 x 2 1/2	7 1/2	18.00	10.58
K6989	J	250	50	4.70	5 1/2 x 5 1/2 x 2 1/2	7 1/2	18.00	10.58
K6990	H	265	75	7.75	5 1/2 x 5 1/2 x 3 1/2	9	31.00	18.23
K6991	H	300	100	9.50	5 1/2 x 5 1/2 x 3 1/2	9	34.00	19.98

## Pioneer Gen-E-Motor Compact Units

Replaces Vibrators on 6 Volt and 32 Volt Radios

### For 6 Volt Operation

**K6992**—Delivers 180 Volts at 30 M.A. Battery drain 2.5 Amps.

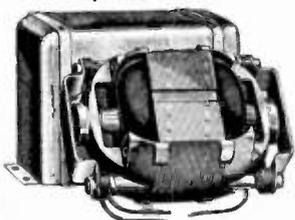
**K6993**—Delivers 250 volts at 50 M.A. Battery drain 4.7 Amps.

### Replaces Vibrator in Ford Radios

**K6995**—For Ford (Majestic) Auto Sets. Delivers 250V. at 50 M.A. Exactly fits. Replaces vibrator and rectifier tube. No adjustments nor wiring necessary. List, \$13.00.  
**YOUR PRICE, EACH ... \$7.64**

### For 32 Volt Operation

**K6994**—Delivers 210 Volts at 45 M.A. Battery drain .7 Amps. List, \$16.50.  
**YOUR PRICE ... \$9.70**



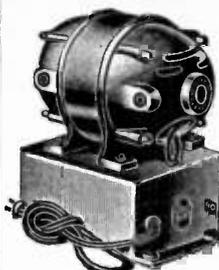
Extremely compact—only 4 1/4" high, 5 1/4" wide, 2 3/4" deep. Requires no adjustment, no attention, no oiling, and no servicing. Uses original filter system of vibrator. Complete instructions.

## GLOBE

### 6 Volt Radio Storage Batteries

Highest Quality materials and workmanship. Extra heavy thick plate construction holds charge longer than other batteries of similar capacities. Sturdy leakproof one piece containers. Equipped with heavy bale handle. F.O.B. Shipping Point Near You.

90 Ampere Hours 12 Month guarantee. **K97—Your Price .. \$4.90**  
 125 Ampere Hours 12 Month guarantee. **K98—Your Price .. \$7.23**  
 150-175 Ampere Hours 18 Month guarantee. **K99—Your Price .. \$11.47**



Extremely dependable and **CONSERVATIVELY RATED**. Armatures are wound with specially insulated wire of unusually large size, making possible higher power rating. The high breakdown point of the insulation assures long life, even under continuous duty. Vibration and operating noise have been practically eliminated by careful balancing of the armature and quiet running brush and commutator design. Adequate ventilation is provided through openings in the cast end plates. Bearings do not require lubrication. The metal case on which the converter is mounted contains complete filter to assure noise free operation of radio receivers. Heavy rubber covered cord and plug. Base fitted with plug-in outlet for the A.C. voltage output. Filter is required when using converter on radio receivers, high gain amplifiers, etc.

## 32 Volts D.C. to 110 Volts A.C.

Output Watts	Input Amps.	WITHOUT FILTER			WITH FILTER		
		Stock Num.	List Price	YOUR PRICE	Stock Num.	List Price	YOUR PRICE
80	4.7	K16860	\$34.00	\$19.98	K16866	\$38.50	\$22.64
110	5.6	K16861	37.00	21.76	K16867	41.50	24.40
150	7.8	K16862	41.50	24.40	K16868	46.00	27.05
200	10.9	K16863	45.50	28.75	K16869	50.50	29.69
250	13.0	K16864	49.50	29.11	K16870	55.50	32.63
300	15.0	K16865	55.50	32.63	K16871	64.50	37.93

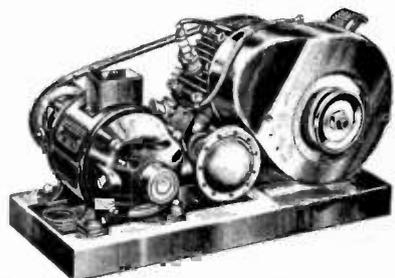
## 110 Volts D.C. to 110 Volts A.C.

Output Watts	Input Amps.	WITHOUT FILTER			WITH FILTER		
		Stock Num.	List Price	YOUR PRICE	Stock Num.	List Price	YOUR PRICE
80	1.30	K16872	\$34.00	\$19.98	K16878	\$38.50	\$22.64
110	1.78	K16873	37.00	21.76	K16879	41.50	24.40
150	2.23	K16874	41.50	24.40	K16880	46.00	27.05
200	2.80	K16875	45.50	26.75	K16881	50.50	29.69
250	3.55	K16876	49.50	29.11	K16882	55.50	32.63
300	3.85	K16877	55.50	32.63	K16883	64.50	37.93

## Pioneer Gas Engine Driven Generator

Delivers **110 Volts A.C. at 300 Watts**

**K16899**—  
 List Price, \$79.95.  
**YOUR PRICE \$59.96**



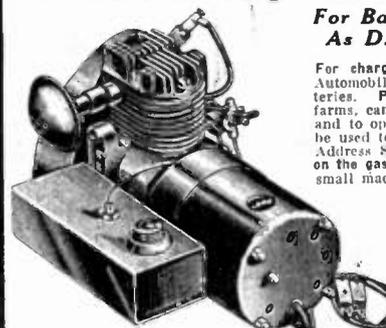
Provides a desirable, economical and dependable source of electric current. Especially recommended for use with Public Address systems where commercial power lines are not available or inconvenient to use. A very economical power source for Sound trucks, runs 12 hours on 1 gallon of gasoline and does not need an external exciting current. Single cylinder 4 cycle air-cooled gasoline engine

develops 5/8 H.P. Governor assures constant frequency. Foot pedal starter. Generator develops 110-120 volts 60 cycle A.C. at 300 watts as well as 50 watts D.C. for charging 6 volt storage batteries. Mounted on 20"x11" Steel base. Height 11". Net Wt., 72 lbs.

## Pioneer Gas Engine Power Systems

For Battery Charging and As D.C. Power Systems

For charging Radio, Public Address, Automobile, and Tractor Storage Batteries. Provides power for lights on farms, camps, construction work, boats, and to operate electric tools. Can also be used to operate 6 Volt D.C. Public Address Systems. An auxiliary pulley on the gas engine may be used to drive small machinery such as pumps, washing machines, cream separators, etc. by means of a "V" belt. Type L32R and L110 can be used to operate D.C. appliances or light direct from the generator. On all others storage batteries must be used across the line.



### Engine Specifications

Four cycle, single cylinder, 5/8 H.P. at 2400 R.P.M. for rated output. Fuel tank capacity one quart. Fuel Consumption—at 150 Watts operates on one gallon of gasoline for fifteen hours. Oil Consumption—two ounces in ten hours. Fly ball type governor. High tension flywheel type magneto. Suction feed carburetor. Splash lubrication.

### Reliable and Economical

The Generator—self-excited, two pole. Armature mounted on crankshaft. Push Button Starting to start the engine from the storage battery. A rope-pull starter is provided for use when battery is dead. All plants are furnished complete with ammeter, cutout, relay, leads and battery clips. Size 11" x 10" x 15 1/4" long. Weighs only 49 lbs.

Stock Number	Type Number	Application	Power Output	Your Price
K16899	L6	For use with 6-volt batteries	150 Watts	\$37.46
K16891	L6X	For use with 6-volt batteries	200 Watts	41.25
K16892	L12	For use with 12-volt batteries	150 Watts	41.25
K16893	L12X	For use with 12-volt batteries	250 Watts	44.96
K16894	L32	For use with 32-volt batteries	250 Watts	44.96
K16895	L32R	For operation of 32-volt lights or DC appliances.	250 Watts	44.96
K16896	L110	For operation of 110-volt DC appliances or lights.	250 Watts	44.96

DEALERS! *Easier Sales*



**GENERAL MOTORS**

*New* **DELCO**

**PRODUCT "ROBOT CONTROLLED"**

**ALL DELCO MODELS HAVE THESE "PLUS" FEATURES**

**ROBOT CONTROLLED SYNCRO TUNING**—Provides greater sensitivity and selectivity. A newly developed antenna circuit plus a new type higher gain antenna coil brings any car antenna into complete synchronization with the receiver, thereby transferring all signals picked up by the antenna to the receiver, eliminating signal loss and assuring clear and unusually longer distance reception.

**NO SPARK PLUG SUPPRESSORS REQUIRED**—Complete filtering and shielding of all component parts.

**AUTOMATIC VOLUME CONTROL**—Maintains constant volume level irrespective of signal strength.

**TONE CONTROL**—Permits you to change tonal pitch to suit individual tastes and acoustics.

**Custom Built Controls**

*At No Extra Cost*

Delco "Tailor-Made" Tuning Controls are furnished without extra charge. . . . One with every Delco Set ordered. Your choice of controls . . . see listing on opposite page. These Controls EXACTLY match the instrument panels of most 1934-1935-1936 cars. A Universal Type Control is also available for installation in any car. Where an Adapter is necessary (see table on opposite page) there is a slight additional charge of only 60c.

Only 9 Delco Controls required to make Custom Installations on practically any car, enabling you to serve your customers 100% with a minimum inventory—(see opposite page).

**SENSITIVITY CONTROL**—Manually operated. Permits Sensitivity to be increased or decreased as desired. (Not furnished in Model 631A).

**FULLY IMPREGNATED POWER TRANSFORMER**—Will give long trouble free service.

**3-GANG RUBBER FLOATED TUNING CONDENSER**—Sharper selectivity. Clearer tone.

**SHAKE-PROOF CONSTRUCTION**—All connections and parts firmly connected—Will not work loose.

**EASY TO INSTALL—FITS ALL CARS**—Very Compact. Size 7½"x7¼"x8¼".

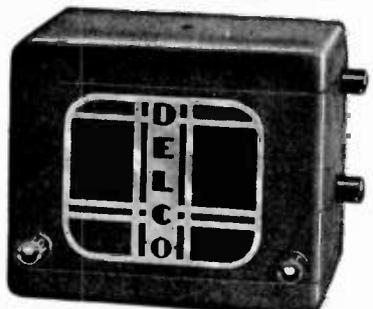
**"EASY-TO-SERVICE" CHASSIS**—Easy access to all replacement parts.

**SUEDE FINISHED CASE**—Harmonizes with any car. Waterproof, washable, easy to clean. (Not furnished on Model 631A).

**DELCO 631A**

**DELCO 632**

**DELCO 633**



**PRICE**  
**K16835**—Delco Model 631A complete with Tubes, Bolts and your choice of Tuning Control. (See opposite page and specify type required).  
 List Price, \$39.95.  
**YOUR PRICE** ..... **\$23<sup>62</sup>**

**PRICE**  
**K16836**—Delco Model 632 complete with Tubes, Bolts and your choice of Tuning Control. (See opposite page and specify type required).  
 List Price, \$49.95.  
**YOUR PRICE** ..... **\$29<sup>37</sup>**

**PRICE**  
**K16837**—Delco Model 633 complete with Tubes, Bolts and your choice of Overhead Speaker (specify make, model and year of car and type desired), your choice of Tuning Controls (see opposite page and specify type needed).  
 List Price, \$52.95.  
**YOUR PRICE** ..... **\$31<sup>13</sup>**

**Powerful Performance**

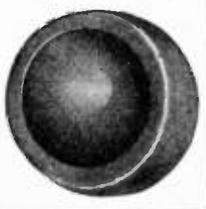
This 6 Tube Single-Unit Auto Radio is the finest 6 Tube Auto Radio in the popular price class. No other low-priced Radio offers you so many "plus" features. Easily outperforms the usual run-of-the-mine sets offered in this price range. Features **DELCO SYNCRO-TUNING** that assures excellent performance with any antenna. Requires no spark plug suppressors. All Electric. Superheterodyne Circuit—3 Gang Rubber-Mounted Tuning Condenser—Pre-Selector Circuit—High Frequency Antenna Filter—Primary Type Vibrator—Tone Control—Dual Purpose Tubes—low current consumption. Full Automatic Volume Control—minimizes fading and holds the volume to the selected level. Positive Selectivity. Push-pull 3½ Watt Output. Built-in, 6" full size Electro-Dynamic Speaker—tremendous power and superb tone. Smart, Modern Appearance—Handsome, compact, round cornered, lacquer-finished metal case that fits any car. Mounting bolts exactly fit knock-out plugs in cowl of many cars—speedy installations. Tubes used: 2-6D6; 1-6A7; 1-6B7; 1-42; 1-84. Case Size: 8¼" wide, 7¼" high, 7½" deep. Your choice of Custom Tuning Controls as described on opposite page.

**4 Watt Output**

No other Single Unit 6 Tube Audio Radio offers you so much for your money. Offers you deluxe performance at lower than average cost. Features **DELCO SYNCRO-TUNING** that eliminates signal loss, and a special Sensitivity Control that permits you to increase or decrease sensitivity at will—affording you more powerful long distance reception. All electric. Easy to install. Uses no spark plug suppressors. A specially designed Hi-gain Superheterodyne Circuit provides maximum performance. A Pre-Selector circuit a special Sensitivity Control and a 3-gang Rubber Mounted Tuning Condenser provides hair-line station selection. A full size 6" Built-in Electro-Dynamic Speaker plus a Variable Tone Control gives you superb tonal reproduction. Improved Automatic Volume Control maintains a constant volume level. Push-pull 4 Watt Output—Has new Primary Type Vibrator. Tubes used: 2-6D6; 1-6A7; 1-6B7; 1-6B5; 1-84. Beautifully designed. Suede finished case. Monogrammed, chrome-finished grille. Cabinet size: 8¼" wide, 7¼" high, 7½" deep. Truly an outstanding value in a single unit set.

**With Separate Speaker**

This Model 633 employs essentially the same features and circuits as the Model 632 with the exception that this Model 633 is a Two-Unit Radio offering you a Separate Header Speaker. This refinement fully justifies the slight additional cost and offers you the opportunity for more profit. Your choice of one of three new type Custom Header Speakers—one for use in General Motors cars—one to be used in Ford cars—and a Universal Speaker for use in most all other cars. These speakers are styled to harmonize with the interior of the particular car for which it was designed, combining custom-design with home-radio tone. When ordering, specify make, model, year of car and type of Speaker wanted. See opposite page for illustrations of these speakers. In this model you also have your choice of Custom Tuning Controls as shown at top of opposite page, at no extra charge.



and Bigger Profits for YOU with this

# AUTO RADIO Line



## SYNCRO-TUNING

### CUSTOM BUILT TUNING CONTROLS for 1934, 35, 36 CARS



Only NINE Delco Custom Built Controls are required to enable you to make "custom" installations on 38 popular 1936, 1935, 1934 motor cars. Delco Custom Built Controls and Adaptor Packages allow you to carry a complete stock with a minimum investment and small inventory. Delco Controls EXACTLY match the panels of the cars for which they were designed.

Control Stock Number	Car and Year	Adapter Stock Number	Control Stock Number	Car and Year	Adapter Stock Number	Control Stock Number	Car and Year	Adapter Stock Number
K10975	Bulek, 1936	None	K10973	Dodge, 1934	K10986	K10983	Packard, '35 Series 120	None
K10973	Cadillac, '36	None	K10973	Ford, 1935-36	K10988	K10982	Plym. 1936 Ply., '34-35	K10984
K10976	Chev., 1936	None	K10978	Ford, 1934	K10989	K10978		None
K10977	Chev., 1935	None	K10977	Graham, '36				K10986
K10978	Chrysler 1935	K10985	K10978	Graham, '35	K10986	K10974	Oldsmob. '36	None
K10978	Chry. 34.6-Cyl	K10985	K10976	Hudson, 1936	K10991	K10977	Oldsmob. '35	K10993
K10979	Chry., 1936	None	K10978	Hudson, 1935	K10989	K10977	Pontiac 1935-'36	None
K10978	De Soto 1935	K10985	K10978	Hud. 34-35-36	K10988	K10978	Reo, 1935-36	K10986
K10978	De Soto 1935	K10985	K10978	Lin. Zep. '36				
K10983	De Soto 1936	K10995	K10978	Lafaye, 1936	K10989	K10978	Studebaker, 8-Cyl. 1936	K10986
K10983	Cust. Airtow		K10978	Nash, '36 Del	K10986	K10978	Studebaker 6-Cyl. 1936	K10989
K10983	De Soto, 1936, Alstr.	K10996	K10978	Nash, 1936 St.	K10985	K10978	Terrapl. 1936	K10991
K10982	Dodge, 1936	K10987	K10983	Packard 1936	None	K10976	Terrapl. 1935	K10989
K10978	Dodge, 1935	K10985		Model 120				



**Controls Only**  
We can furnish any of the controls listed, separately. List Price, \$6.00. Dealer's Wholesale Price, Any Control, each \$3.60.  
Less 2% **\$3.53**  
NET.....

**Adapter Kits**  
List Price, \$1.00. Dealer's Wholesale Price, each 60c. Less 2%  
NET..... **58c**

K10978—Universal Remote Control for fastening to lower edge of instrument panel on all makes and models of cars. Mounting bracket included.  
K10994—Adapter for all cars on which Universal Control is to be mounted on steering post.

## DELCO 634 De Luxe Models DELCO 635

LARGER PROFITS HERE

BIGGEST PROFITS HERE

### Custom-Built Header Speakers at No Extra Cost

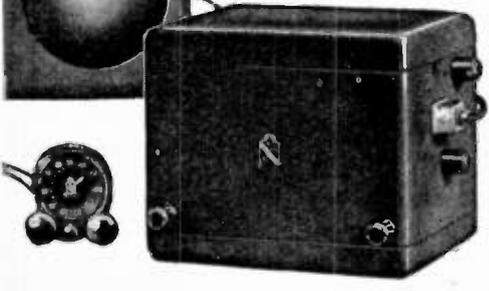
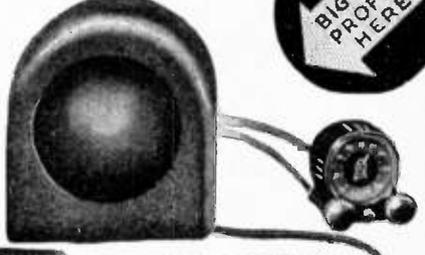


For Fords-Lincolns

Models 634 and 635 come with Universal Type Speaker, but can be had with "Custom" Speakers specially designed for Fords and Lincoln Zephyrs or for all General Motor cars. Specify type wanted when ordering.



For All General Motors Cars



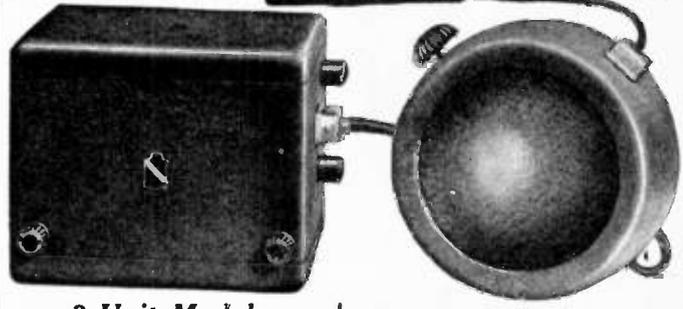
### PRICE

K16838—Delco Model 634 complete with Tubes, Bolts, Dash-Type Speaker and your choice of Tuning Control (see opposite page and specify type needed).  
List Price, \$59.95. YOUR PRICE.....

**\$35<sup>25</sup>**

### More Deluxe Features

"The Ideal "sell-up" from Model 633. A Two-Unit Deluxe Model with greater Sensitivity and Selectivity; Improved tone fidelity; Dash Speaker, and a newly designed Separate Dash Speaker. Six Tubes all functioning as amplifiers in a new Hi-Gain Superhet circuit provide amazingly powerful performance. A local and long distance Sensitivity Switch permits sensitivity to be increased or decreased at will. Features the new Improved Delco Syncro-Tuning. A Pre-Selector circuit, a special Sensitivity Control, and a 3-gang Rubber Mounted Tuning Condenser provides hair-line station selection. A full size 8" Electro-Dynamic Speaker plus a Variable Tone Control gives you superb tonal reproduction. Improved Automatic Volume Control maintains a constant volume level. Operates entirely from car battery—uses the more desirable Synchronous Vibrator. Perfect shielding throughout. Tubes used: 2-6D6; 1-6A7; 2-41; 1-85. Cabinet is beautifully designed. Suede finished Chrome-finished grille. Case size 8 1/2" high, 7 1/2" wide, 7 1/2" deep. Your choice of Custom Tuning Controls as shown on top of this page.



### 3 Unit Model

Here is the finest automobile Radio ever built by one of the world's greatest manufacturers of automobile radios. With it you can dominate the quality Auto Radio business of your locality. Get behind this model and push it. This Delco Model 635 Duo-Sonic is a super performing 6 Tube Deluxe Superheterodyne. It incorporates every practical development ever designed for Auto Radio use, plus custom-designed Dual Speakers (an 8" Dash Speaker and a 6" Header Speaker) which provide a complete range of tone—completely blending the bass and high notes, giving a tone fidelity heretofore unobtainable in an Auto Radio and providing mobile reception equal to the finest home receivers.

### 7 Watt Output

6 Tubes all functioning as Amplifiers in a Hi-Gain Superheterodyne Circuit develop a tremendous 7 Watt Class AB Output. (Dual Metal Pentode.) Sufficient volume for all driving conditions. Drive as fast or as slow as you like. The brilliant performance of this Superb Deluxe Model will never vary.

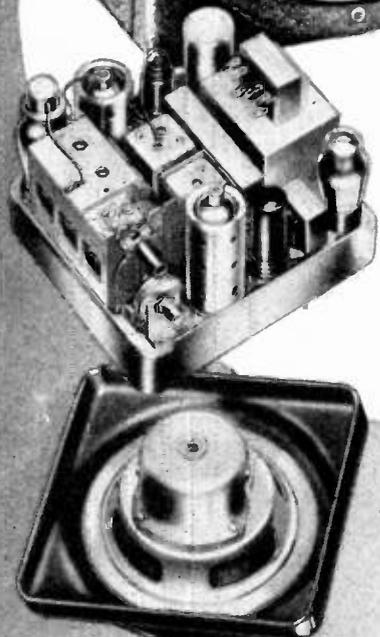
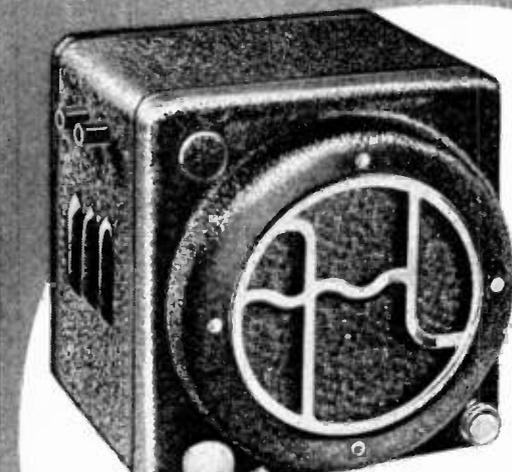
K16839—Delco Model 635 complete with Tubes, Bolts, Dash Speaker, your choice of Tuning Control (see listing on this page and specify type) and your choice of Custom Header Speaker. (Specify make, model, year of car and type needed).  
List Price, \$69.95.  
YOUR PRICE.....

**\$41<sup>15</sup>**

### "PLUS" Features

Newly designed powerful Superhet Circuit provides extreme Sensitivity and hairline Selectivity. Dual Speaker for true tone Fidelity—Combined Metal and Glass Tubes—2 Metal Tubes in Output Stages—Sensitivity Control—Controllable Bass Compensation—New Speaker Design—Extra Speaker Tone Control—Synchronous Type Vibrator—No Spark Plug Suppressors—DELCO SYNCRO-TUNING. Suede finished case. Size: 7 1/2" high, 7 1/2" deep, 8 1/2" wide. Your choice of CUSTOM TUNING CONTROLS as listed above.

# Radolek 6-TUBE De Luxe AUTO RADIO



## No Other Auto Radio Offers You So Many "Plus" Features

- ★ New Superhet Circuit
- ★ Variable Tone Control
- ★ Iron Core Antenna Coil
- ★ 2 to 7 Times Antenna Gain
- ★ 3 Gang Floated Condenser
- ★ Entirely Dust Proofed
- ★ 175 Kc. I. F. Transformers
- ★ 6 $\frac{3}{8}$ " Dynamic Speaker
- ★  $\frac{1}{2}$  Microvolt Sensitivity
- ★ Uses No Suppressors
- ★ Custom-Built Controls
- ★ Only One Battery Connection

## The Greatest Auto Radio Value

The most compact 6 Tube Auto Radio ever built! Absolutely the "top" in 6 tube Auto Receivers. No other set offers so many exclusive features... so much value for your Auto Radio Dollar. A masterpiece of auto radio engineering bringing to you for the first time, Home Radio Performance in a Mobile Receiver. The new powerful Superheterodyne Circuit, Dual-Purpose and Triple-Purpose Tubes, coupled with the OTHER FEATURES described here brings you Greater Sensitivity, Finer Selectivity, Greater Tone Range, Better Fidelity, More Stations and Tremendous Power not found in any other 6 Tube Auto Radio. R.C.A. and Hazeltine Licensed.

### 9 Tube Performance at 6 Tube Economy

All Electric—operates entirely from 6 volt car storage battery... low current consumption. A newly developed patented "series fed" Antenna Circuit with Iron Core Antenna Coil gives  $\frac{1}{2}$  Microvolt Sensitivity and 2 to 7 times more Antenna Gain. Assures extremely low noise-to-signal ratio and provides day-time reception in any locality. Permits automatic adjustment to any type aerial. Positive Selectivity—stations on adjoining channels definitely separated, no overlapping, no interference. Full Automatic Volume Control—minimizes fading and holds the volume to the selected level. Illuminated Airplane Dial—makes station selection easy and certain. Simple to operate. Compact Single Unit "Quick Service" Construction—Smart, Modern Appearance—handsome, round cornered, crystal-finished sturdy metal case that fits any car.  $7\frac{1}{2}$ " wide x 2" high x  $8\frac{1}{4}$ " long.

### Price 6 Tube Auto Radio

K16825—Complete with 6 Raytheon 4-Pillar Tubes: 1-6K7, 1-6F6, 1-6D6, 1-6A7, 1-75, 1-84; Flexible Shaft and Control Mechanism; Installation Hardware. The mounting Kit for the control mechanism which is required additionally is not included. See description and listing below.

List Price, \$44.50.  
YOUR PRICE

**\$23<sup>85</sup>**

### Built-in Aerial Adjuster

A manual capacity adjustment at the rear of receiver housing permits compensation for all antenna variations—thus each auto radio can be adjusted for individual installations so as to obtain maximum efficiency from any type of under-car or roof aerial.

### Twin Speaker Installations

Open up a new field for additional profits. Be the first in your territory to offer this profitable service. See bottom of this page.

## SUPER POWER ★ CONSOLE TONE ★ SUPER QUALITY

### Twin Speaker Installations

An additional separate Deluxe Dynamic Speaker is also available. This speaker is specially designed for individual overhead ear-level installation in roof of car or can also be mounted in rear of front seat affording complete radio enjoyment for all occupants. A separate plug-in jack provided on receiver case permits a speedy and convenient hook-up of this extra speaker. This speaker adds greatly to the pleasure of auto radio reception.

#### Speaker Price

Universal Speaker for use in any car. Complete, ready to plug in.

K15620—List, \$6.50.

YOUR PRICE **\$3.45**

### Custom Tuning Controls

#### Remote Control Mounting Kits

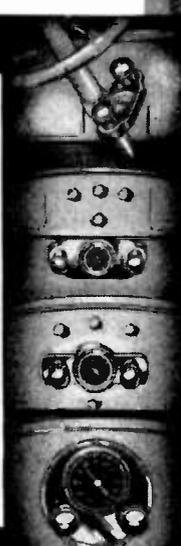
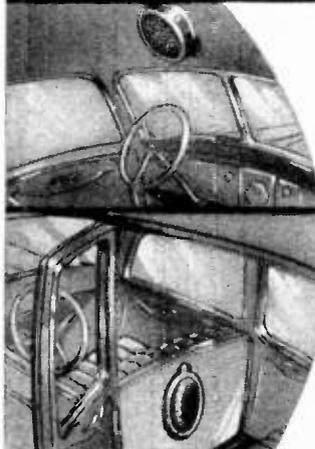
K10965—Dash Mounting Kit for all cars that have knockout panels or ash tray compartments in the dash panel. Specify make, model and year of car and whether Standard or DeLuxe when ordering.

K10966—Universal Type Mounting Kit to fit any steering column or can be fastened to lower edge of instrument panel on all makes and models of cars. (See Illustrations 3 and 4).

Price of Kits Complete, List, \$2.00.  
YOUR PRICE, EACH **95¢**

## Many Added "Plus" Features

- ★ Sturdy single hole mounting in any one of four selective positions.
- ★ Heavy Gauge Rust-Proof Steel Casing, Spot welded wherever possible insuring rigidity.
- ★ Special sure-grip sockets hold tubes and vibrator securely.
- ★ Completely "dust proofed".
- ★ New R.F. plate filter.
- ★ Special vibrator "hash" filter.
- ★ New motor noise filter.
- ★ Exclusive double shielded diode transformer for hum elimination.
- ★ Shielded power transformer.
- ★ One Stage of R.F. Amplification.
- ★ 10 kilocycle selectivity.



# It's Easy to Figure Delivery Charges on Your Order



### How to Order

Send your orders on our convenient Purchase Order forms, or in any other manner convenient to you. Be sure to specify Stock Number and Price of each item. Print your Name and Address plainly.

We will ship C.O.D. Most of our customers prefer to send cash with order to avoid extra collection costs. All orders for heavy merchandise to be shipped to distant points should be accompanied by a 25% deposit.

### Wholesale Only

We solicit orders only from those actively and commercially engaged in the radio industry, Radio Dealers, Radio Servicemen—Industrial and Institutional Laboratories, Public Utilities, Schools, Colleges, Engineers and those recognized as engaged in developing the Art of Radio. We will also accept orders from the United States Government, Federal Institutions, State, County, Municipal and other governmental bodies and Institutions.

### Payment Terms

Our terms are cash with order or C.O.D. Catalog prices are Net—F.O.B. Chicago or factory. All Trade and Cash Discounts have been deducted. While we do not impose minimum order restrictions on our old customers, it will profit you to make up at least \$5.00 orders to avoid additional exchange charges. We will be obliged to pass on to you the exchange charge, made by the Banks, on all personal checks for less than \$5.00. C.O.D. orders from new customers should be accompanied by a 25% deposit.

### Be Sure To Include Postage

Where orders are to be shipped by Parcel Post be sure to include a sufficient amount to cover postage with your remittance. Where postage is not included we will ship C.O.D. for transportation charges. You can avoid the additional expense of C.O.D. collections by sending sufficient postage. Any excess amount sent for Parcel Post charges will be promptly credited.

### Table of Approximate Rates Per 100 lbs. for Express and Freight

From Chicago to	Express per 100 Pounds		From Chicago to	Express per 100 Pounds	
	1st Class	Freight per 100 Lbs.		1st Class	Freight per 100 Lbs.
Alabama	\$3.75	\$2.40	Nebraska	\$3.90	\$2.25
Arizona	7.30	4.12	Nevada	9.10	4.75
Arkansas	3.59	1.60	N. Hampshire	4.00	1.49
California	10.05	4.75	New Jersey	3.75	1.43
Colorado	6.15	3.65	New Mexico	5.60	3.35
Connecticut	3.85	1.49	New York	3.35	1.18
Delaware	3.70	1.42	No. Carolina	3.75	2.50
Florida	5.05	2.20	No. Dakota	4.50	2.60
Georgia	3.50	2.32	Ohio	2.15	.80
Idaho	7.90	4.50	Oklahoma	3.85	2.14
Illinois	1.85	.75	Oregon	9.75	5.10
Indiana	1.65	.70	Pennsylvania	3.75	1.40
Iowa	2.57	.98	Rhode Island	4.00	1.49
Kansas	3.80	2.04	So. Carolina	4.10	2.29
Kentucky	3.20	.98	South Dakota	4.35	2.65
Louisiana	4.20	2.06	Tennessee	3.30	1.75
Maine	4.50	1.49	Texas	7.15	2.37
Maryland	3.45	1.25	Utah	6.90	4.13
Massachusetts	4.00	1.49	Vermont	3.95	1.60
Michigan	3.95	1.09	Virginia	3.60	1.39
Minnesota	3.60	1.49	Washington	9.45	5.10
Mississippi	3.75	1.80	West Virginia	2.95	1.03
Missouri	2.62	1.35	Wisconsin	2.65	.60
Montana	5.35	3.75	Wyoming	5.50	3.50

**NOTE**—To estimate Express charges for shipments under 100 pounds—the minimum charge for a one pound package sent by Express is 36c, ranging up to 42c for highest rate. Beginning with the minimum, charges are increased according to weight of package. For instance the 10 pound rate varies from 44c to \$1.00. The poundage rate varies from about 65% down to about 55% of the hundred pound rate for 50 pounds (from 80c to \$3.62) with the charges for intermediate weights above and below 50 lbs. in approx. proportion.

### Parcel Post Rates

Revised Rates Effective since October 1, 1932.  
Table for Packages Weighing 1/2 pound to 20 pounds

Weight in Pounds	Zone 1&2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
	Up to 150 miles from Chicago						
150 to 300 miles from Chicago							
300 to 600 miles from Chicago							
600 to 1,000 miles from Chicago							
1,000 to 1,400 miles from Chicago							
1,400 to 1,800 miles from Chicago							
Over 1,800 miles from Chicago							
1	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
2	.10	.11	.12	.13	.14	.16	.17
3	.11	.12	.13	.14	.15	.17	.18
4	.12	.13	.14	.15	.16	.18	.19
5	.13	.14	.15	.16	.17	.19	.20
6	.14	.15	.16	.17	.18	.20	.21
7	.15	.16	.17	.18	.19	.21	.22
8	.16	.17	.18	.19	.20	.22	.23
9	.17	.18	.19	.20	.21	.23	.24
10	.18	.19	.20	.21	.22	.24	.25
11	.19	.20	.21	.22	.23	.25	.26
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If the weight of your package exceeds 20 pounds, add 1c for each additional pound or fraction of a pound if you live in the 1st and 2nd zones, 2c extra if you live in the 3rd zone, 3c extra if you live in the 4th zone, 5c extra if you live in the 5th zone, 7c extra if you live in the 6th zone, 9c extra if you live in the 7th zone, and 11c extra if you live in the 8th zone.

**NOTE**—Packages weighing over 1/2 lb. (3 ozs.) and not more than 1 lb. take 1 lb. rate. Packages weighing over 1 lb. and less than 2 lbs. take the 2 lb. rate. Always use the next higher pound rate for pounds and fractional pounds. **FOR EXAMPLE:** —1 1/4 lbs. requires 2 lb. rate, 2 1/4 lbs. requires 3 lbs. rate.

### Fastest Delivery

We are constantly striving to "cut-time" and to set new speed records on our excellent Shipping Schedule. Last year nearly 98% of all orders were shipped the same day they were received. You cannot afford unreasonable delay. Radolek service means delivery right to your door of the exact merchandise you want quickly and exactly as ordered.

### Equipped For Service

The most modern stock and shipping equipment—a hustling organization and an experienced and capable management—all combine to give your orders the individual attention that you want.

Speed is just one part of Radolek Service. Our merchandise department is constantly scouring the market to bring you better quality goods at lower prices. We maintain a modern fully equipped Laboratory for the examination and analysis of new equipment and to maintain a high standard of quality on all merchandise that we stock. For your information and assistance in the selection of special apparatus we place at your disposal the free advice of skilled Technical Experts.

### SEND NO MONEY

We Will Ship C.O.D.

You need not send a remittance with your order unless you wish to do so. We will ship C.O.D. any merchandise shown in our catalog, but we request that new customers on their first orders, or orders for heavy merchandise to be shipped to distant points be accompanied by a 25% deposit if to be shipped C.O.D. Most of our customers prefer to send cash with order, thereby eliminating delay and unnecessary expense of C.O.D. collection. You may remit by post office or express money-order, bank draft or personal check, as you prefer. If you send currency be sure to register the letter for we cannot be responsible for cash lost in the mails.

### Prices Quoted are TAX PAID

All quotations in this book include Federal Excise Tax in accordance with Act of June, 1932 and based upon Treasury Department, interpretations as of our press date. We reserve the right to add any taxes arising from new acts (Federal or State) or changed interpretations. On sales in the State of Illinois we reserve the right to increase our prices, to the extent of any increase in cost of doing business, that may be occasioned by the Illinois State Occupation (Sales) Tax Act.

Our quoted prices are subject to change without notice. We have large stocks on hand of practically every item quoted and have made contracts in such a manner that we expect to be able to supply all items available from manufacturers at the prices shown for the life of this catalog. In event of market changes it will be our object to meet or better all competitive prices.

### SHIPPING ALLOWANCE

On Orders of \$25.00 or Over

We will make a transportation allowance of 2% except where merchandise is already quoted prepaid. This allowance can be applied on Parcel Post, Express or Freight Shipments. The allowance can be applied directly on Parcel Post Shipments. On Express and Freight Shipments it is usually necessary for us to make shipment charges collect, so that on Express and Freight Shipments you may make this deduction directly on your order or we will send you a credit for the amount of the allowance.

### Remember

This transportation allowance of 2% applies only on orders for over \$25.00 and is not to be confused with the cash discount allowance of 2% which is already deducted from the Net Prices as quoted in this Profit Guide.

### We Ship Subject to Inspection

We will ship any merchandise ordered, subject to your inspection. It is in this manner, you may see the merchandise at the express office before you accept shipment, if you so prefer. If you desire inspection privileges, be sure to so state plainly on your order.

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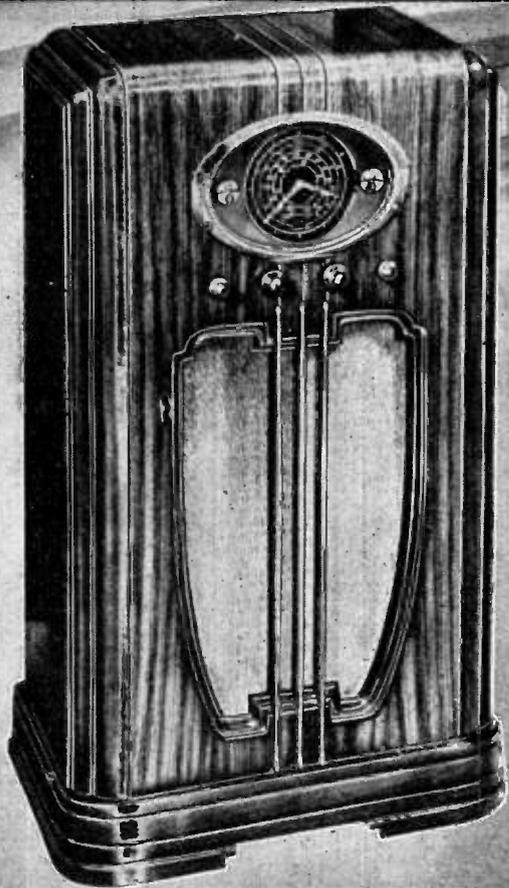
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# New RADOLEK 6 Volt Battery Radios

## CITY ENTERTAINMENT



### "Fly-Wheel" Station" Station Selector

Absolutely new! Split-second tuning! Just four "flips" of the finger and a special weighted "fly-wheel" swings the indicator all the way around 340° of dial scale. The 20 or 30 seconds ordinarily required to swing around the dial is reduced to less than 5 seconds.

### 7 Tube Battery Console

★ Tunes 4 Bands—16.4 to 2000 Meters ★ 2 Microvolt Sensitivity  
★ New Giant 11" Dial with "Fly-Wheel" and "Micro-Clock" Tuning  
★ New 8" Permanent Magnet Dynamic Speaker ★ 10 Kc. Selectivity  
★ Automatic Volume Control ★ Tone Control

### Super-Powerful Performance

The newest sensation in Battery Receivers. More stations — greater power—better tune. The "top" in Battery Performance. Features a new Giant 11" Oval Dial with "Micro-Clock" Tuning and "Fly-Wheel" Station Selector. Tunes 4 Bands 16.4 to 2000 meters. Brings you better Foreign Reception, Police Calls, Weather Reports, Long Range Standard Broadcast and superior all-around performance. The 800 to 2000 Meter Band brings accurate government weather reports which are of great help to ranchmen, farmers, etc. Gets all its power from a single 6 volt battery. No "B" or "C" Batteries are used. Answers the need for super-efficient radio performance in rural districts. Wonderfully economical in operation, offering A.C. set performance and convenience. Easy to install. Just connect it to any 6 volt storage battery. No resistors, no converters, no bother. Here is the best, most satisfactory Battery Receiver available—far superior to any previously offered. 7 actual High Efficiency Tubes are used plus a Plug-In Synchronous Type Vibrator—equal to what is sometimes referred to as 8 tubes.

### Impressive Console

Center instrument panel of gorgeously figured stump Walnut. The rolled top is of attractive American Walnut. The gracefully curved pilasters, and grille columns are of Walnut, finished in a contrast. Lustrous hand-rubbed piano finish. Console size: 39 1/2" high, 23 1/4" wide, 13 1/4" deep.

### Price of Console

K16744—Complete with 7 R.C.A. Tubes. Fitted with an 8 inch Permagan Dynamic Speaker. No Battery included. List Price, \$89.50. **YOUR PRICE \$46<sup>45</sup>**

### Extremely Low Battery Drain

Operates from only a 6 Volt Storage Battery. No "B" or "C" batteries required. The phenomenally low battery drain of only 1.7 amps. brings the actual operating cost down to approximately one cent an hour. No other type of Battery Receivers equal this economy. See page 155 for Storage Battery Listing.



### Price of Chassis

With 8" Speaker

K16746—Complete with 7 R.C.A. Tubes, Speaker, Knobs, Dial Assembly and Escutecheon, For 6 Volt Operation. Chassis size 12 1/2" W. x 11" D. x 9" H. **YOUR PRICE \$33<sup>95</sup>**

### 7 Tube Battery Table Model

### Giant 11" Oval Dial with "Micro-Clock" Tuning

The most beautiful dial ever designed. Dial figures are in large easy-to-read gold letters on translucent blue glass background. 340° swing to dial indicator gives over 14 inches of easy-to-read dial space. 4 Bands calibrated as follows—(1) Foreign: 5.5 to 17.5 Megacycles; (2) Police: 1700 to 5500 KC; (3) Broadcast: 550 to 1700 KC; (4) Weather: 720 to 2000 Meters. Gets every broadcast service.

An innovation in convenient station logging. Just like looking at your watch and noting the time. Instead of logging stations in megacycles, kilocycles or meters, let the pointers log your stations the "tell-time" way. No more searching back and forth for a particular station once you've logged your set the "tell-time" way.

### Exquisite Table Model

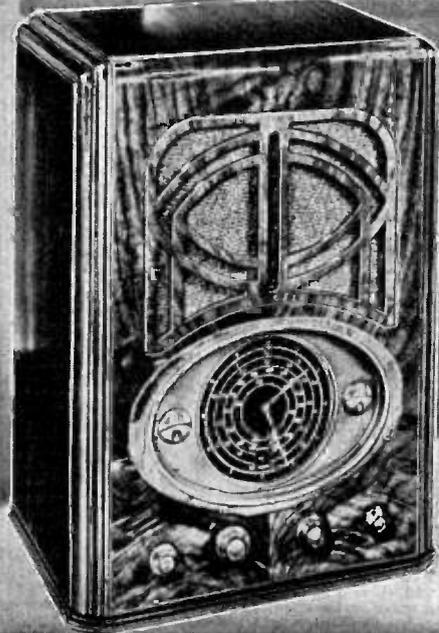
A superb cabinet creation! Top and sides are in a beautiful shade of medium Walnut tone with the front of beautifully figured Burl Walnut in a contrasting lighter shade. Entire cabinet is hand-rubbed to a rich lustrous piano finish. Solid construction provides ample baffle for the giant 8" Speaker. Size: 21" H, 14 1/4" W, 11 3/4" D.

### Circuit Specifications

Tunes 4 Bands: 16.4 to 55, 55 to 180, 180 to 550, 800 to 2000—16 Tuned Circuits—New Double-tuned I.F. Coils—10 Kilocycle Selectivity—2 Microvolt Sensitivity. Large 3 gang rubber-mounted Variable Condenser coupled with an R.F. Pre-Amplifier Stage permits tuning through local stations for distant or Foreign Reception. 7 High Efficiency Tubes: Types 1-1c6, 2-34, 3-30, 1-19 giving ten tube performance. Continuously Variable Tone Control. Push-Pull Output into an 8" Permanent Magnet Dynamic Speaker provides mellow lifelike tone. Automatic Volume Control counteracts fading on distant stations. Licensed by RCA and Hazeltine.

K16745—Complete with 7 R.C.A. Tubes. Fitted with an 8 inch Permagan Dynamic Speaker. No Battery included.

List Price, \$74.50. **YOUR PRICE \$36<sup>95</sup>**



THE RADOLEK CO. CHICAGO, ILL.

# "Stingy On Your Battery...Easy On Your Purse"

## FOR RURAL HOMES

### 6 Tube Battery Console

- ★ Tunes 3 Bands—18.5 to 550 Meters
- ★ 11 Tuned Circuits
- ★ 6 1/4" Tri-Color Dial—15 to 1 Ratio—Zone Indexing System
- ★ New 6" Permanent Magnet Dynamic Speaker
- ★ Tone Control
- ★ Automatic Volume Control
- ★ 3 Gang Floated Condenser

### A Fine Low-Priced Battery Receiver

In this 6 Tube Battery Receiver, Radio again offers you all its wonderful Magic in Entertainment at a price unbelievably low for so much radio. This Three Band "Low-Drain" Superhet easily and economically brings to the Rural and Suburban home, Summer Cottage and isolated locations, every type of Radio Program that you could desire. To those who have struggled along with the old type obsolete battery receivers it will reveal *Power, Selectivity, and Tone far beyond anything ever imagined.* Nearby or Distant Stations with power and volume enough for medium sized auditoriums. *True High Fidelity Tone* along with all other modern features incorporated only in the finest Receivers. Tunes 3 bands 17 to 565 meters. *Gets Foreign Stations, American Broadcast, Amateurs, Airplanes and Police Calls.* Equals or surpasses in performance the best A.C. operated receivers of similar design... and the purchase cost is surprisingly low for such performance and quality. *The operating cost is very low—only a few dollars per year.*

#### Lowest Battery Drain

Operates from only a 6 Volt Storage Battery. No "B" or "C" Batteries required. The phenomenally low battery drain of only 1.4 amps. brings the actual operating cost down to less than one cent an hour. See page 155 for Storage Battery Listing.

#### Stately Console Cabinet

Modern style and beauty combined with strong construction. The instrument panel is of delightfully blended but walnut flanked by columns of cross striped walnut. Gracefully curved walnut pilasters of fluted red gum. American Walnut rolled top. Soft brown hand rubbed piano finish. Size: 39 1/2" high, 22" wide, 12" deep.

#### Price of Console

K16741—Complete with 6 R.C.A. Tubes. Fitted with an 8 inch Permanent Dynamic Speaker. No Battery included. **\$37<sup>50</sup>**  
 List Price, \$77.50.  
**YOUR PRICE** .....  
 Size: 39 1/2" high, 22" wide, 12" deep.

#### Price of Chassis With 8" Speaker

K16743—Complete with 6 R.C.A. Tubes, 8" Speaker, Knobs, Dial Assembly and Earphone. For 6 Volt Battery Operation. **\$25<sup>45</sup>**  
**YOUR PRICE** .....

#### Circuit Specifications

Tunes 3 Bands: 18.5 to 52, 56 to 175, and 175 to 550 Meters. High Gain Superheterodyne Circuit. Six tuned circuits for each band. New type I.F. coils—More efficient operation. Exceptional Selectivity and Sensitivity. 6 High Efficiency RCA Tubes: Types 1-1C6; 1-34; 1-32; 2-30; 1-19 giving nine tube performance. Continuously Variable Tone Control permits adjusting the radio to receive each program at its best. Automatic Volume Control eliminates inter-station noise when tuning and counteracts fading on distant stations. Rigid Chassis Base—Provides a permanently rigid mounting for all units—Both Circuits and Tubes completely shielded throughout to attain maximum amplification and stability. Safe from Fire and Shock.

#### Extremely Economical

The Battery Receivers on both these pages bring you AC Power Current Set performance at the lowest battery operating cost. They are so designed that extraordinary low current consumption will insure a minimum operating expense and long battery life. The current supply can be any 6 volt battery.

#### 6 1/4" Dial Zone Tuning

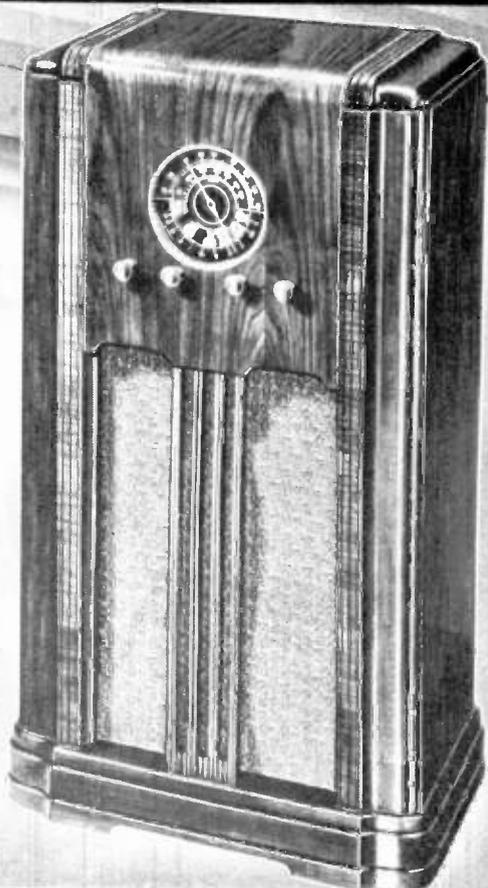
New *Three Color Illuminated Airplane Dial.* Velvet-smooth *Upriver* operation with *15 to 1 ratio.* Exclusive indexing system shows exactly where to receive any American or Foreign broadcast. Dial also has standard Kilocycle and Megacycle calibrations. Large easy-to-read numerals for quick accurate tuning.

#### Beautiful Table Cabinet

A Cabinet of striking appearance and exclusive design combining quality with beauty, modern style and solid substantial construction. The front panel is of gorgeously figured stump walnut veneer. Ribbed overlay on top and front add grace and charm. Selected walnut finished. Fine quality lacquer finish, handrubbed to a lustrous soft brown walnut shade. Cabinet size: 15 1/2" high, 12 1/2" wide, 9" deep.

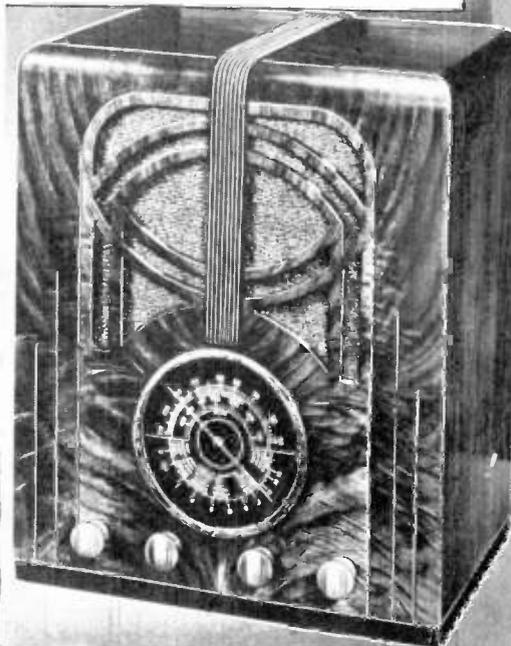
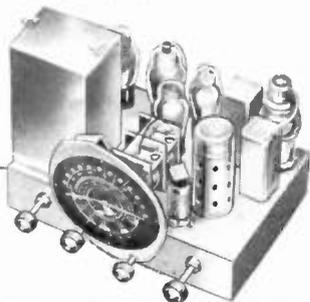
#### Price of Table Model

K16742—Complete with 6 R.C.A. Tubes. Fitted with a 6 inch Permanent Dynamic Speaker. No Battery included. **\$26<sup>95</sup>**  
 List Price, \$54.50.  
**YOUR PRICE** .....



#### For Special Installations

The excellent performance of this chassis coupled with its low cost makes it the ideal unit for modernizing old type receivers or for special installation in any piece of furniture. The finest 6 tube battery value on the market. Chassis size: 8" high, 11 1/4" wide, 8" deep.



*Everything  
in Radio*  
1937

**RADOLEK**  
**RADIO**



**RADOLEK CO.**  
601 W. RANDOLPH ST. CHICAGO

# SUPREME INSTRUMENTS TIME PAYMENT ORDER FORM

SEND THIS FORM TO

**RADOLEK COMPANY**

601 W. RANDOLPH STREET

**CHICAGO, ILL.**

Please RUSH me the items checked below. I am enclosing \$ \_\_\_\_\_ in full payment, or \$ \_\_\_\_\_ deposit as my down payment.

## CASH PRICE

Model 500 AUTOMATIC (DELUXE SERIES)  
NET CASH \$65.61

Model 505 TUBE TESTER (DELUXE SERIES)  
NET CASH \$46.99

Model 540 RADIO TESTER (DELUXE SERIES)  
NET CASH \$36.21

Model 550 RADIO TESTER (DELUXE SERIES)  
NET CASH \$54.83

MODEL 585 DIAGNOMETER (DELUXE SERIES)  
NET CASH \$95.01

Model 570 SIGNAL GENERATOR (DELUXE SERIES)  
NET CASH \$31.31

Model 580 SIGNAL GENERATOR (DELUXE SERIES)  
NET CASH \$53.85

Model 575 DECADE BOX (DELUXE SERIES)  
NET CASH \$28.37

Model 590 MULTI-METER (DELUXE SERIES)  
NET CASH \$46.01

Model 520 UNIVERSAL A-C BRIDGE (DELUXE SERIES)  
NET CASH \$36.21

(Full remittance may accompany Cash Order or Cash Payment of \$5.00, balance C.O.D.)

## S. I. C. EASY TERMS

Model 500 AUTOMATIC (DELUXE SERIES)  
\$7.50 cash and ten monthly payments of \$6.61

Model 505 TUBE TESTER (DELUXE SERIES)  
\$5.25 cash and ten monthly payments of \$4.75

Model 540 RADIO TESTER (DELUXE SERIES)  
\$4.00 cash and ten monthly payments of \$3.66

Model 550 RADIO TESTER (DELUXE SERIES)  
\$6.00 cash and ten monthly payments of \$5.55

MODEL 585 DIAGNOMETER (DELUXE SERIES)  
\$10.00 cash and twelve monthly payments of \$8.00

Model 570 SIGNAL GENERATOR (DELUXE SERIES)  
\$4.00 cash and eight monthly payments of \$3.90

Model 580 SIGNAL GENERATOR (DELUXE SERIES)  
\$6.00 cash and ten monthly payments of \$5.54

Model 575 DECADE BOX (DELUXE SERIES)  
\$4.00 cash and seven monthly payments of \$3.98

Model 590 MULTI-METER (DELUXE SERIES)  
\$5.25 cash and ten monthly payments of \$4.64

Model 520 UNIVERSAL A-C BRIDGE (DELUXE SERIES)  
\$4.00 cash and ten monthly payments of \$3.66

(Enclose Down Payment when ordering on S. I. C. Easy Terms.)

All Prices F. O. B. Factory

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

You Can Get A Supreme and Use It While You Pay For It

# S. I. C. PAYMENT PLAN APPLICATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_  
\_\_\_\_\_

In business for self? \_\_\_\_\_ Married \_\_\_\_\_ No. Dependents \_\_\_\_\_ Age \_\_\_\_\_

Employed by \_\_\_\_\_ How long \_\_\_\_\_ Salary \_\_\_\_\_  
\_\_\_\_\_

Employed by (during last five years)

\_\_\_\_\_  
\_\_\_\_\_

Do you own your own home, rent or board? \_\_\_\_\_

Have you any past due debts? \_\_\_\_\_  
\_\_\_\_\_

From whom have you bought on the installment plan?

Firm	Address
_____	_____
_____	_____

Former addresses (during last five years)

\_\_\_\_\_  
\_\_\_\_\_

References (Banks and business houses where your credit is good.)

Firm	Address
_____	_____
_____	_____
_____	_____
_____	_____