AIREX

NRA MEMBER U.S.

INDEX

RADIO SETS
CHASSIS, SHORT WAVE
AUTO SET & EQUIPMENT

CONDENSERS
ELECTROLYTICS, FILTER
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REPLACEMENT
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SPKR CONES & FIELDS
VOLUME CONTROLS VOLTS, DIV.

TRANSFORMERS
POWER, AUDIO

ELECTRICAL
ASCESSORIES, METERS
AUTO PARTS, WIRE ETC.

RESISTORS
VOLUME CONTROLS, PIG-TAILS, VARIABLES & ETC.
SWITCHES, & MISC.

FOR LONG LIFE and SERVICE—

Airex Selected tubes pay big dividends in long life and service. Thousands of satisfied customers vouch for the quality of our tubes. Our liberal ninety-day replacement offer (broken glass, "burn-outs" and "shorts" excepted) is our guarantee of your receiving the best tube value obtainable. Tubes are listed by the last two designating numerals.

01A	@	$0.25	46	@	$0.38	2A3	@	$1.20
10	@	.98	47	@	.44	2A5	@	.47
12A	@	.32	49	@	.51	2A6	@	.55
20	@	.24	50	@	.79	2A7	@	.64
22	@	.68	53	@	.54	2B7	@	.50
24A	@	.36	55	@	.39	6A7	@	.55
26	@	.28	56	@	.32	6B7	@	.55
27	@	.25	57	@	.39	6C6	@	.54
30	@	.39	58	@	.42	6C7	@	.59
31	@	.36	59	@	.45	6D6	@	.54
32	@	.48	71A	@	.29	6F7	@	.59
33	@	.62	75	@	.45	5Z3	@	.58
34	@	.63	77	@	.54	12Z3	@	.59
35	@	.36	78	@	.54	25Z5	@	.58
36	@	.44	79	@	.84	SPECIAL TYPE TUBES		
37	@	.39	80	@	.28	484	For Sparton	.74
38	@	.43	81	@	.79	485	"	.72
39	@	.45	82	@	.42	182B	"	.75
40	@	.44	83	@	.48	183	"	.76
41	@	.47	84	@	.49	70	"	.95
42	@	.47	85	@	.42	401	For Kellogg	.85
43	@	.69	89	@	.45	403	"	1.05
44	@	.45	X99	@	.32	125	Mil.BH Rect.	.89
45	@	.26	V99	@	.34			

NOTE:—Should the operation of the N.R.A. codes require us to increase radio tube prices, upon giving reasonable notice (through advertisements or otherwise), we reserve the right to do so, and will make shipments accordingly.

Radio Buyers' Guide

SPECIAL 1934 EDITION

Pending price Stabilization—
This Booklet is issued in place
of our regular catalogue
We Guarantee Deliveries At These Prices

6 Tube Superheterodyne

Uses these tubes—

One 58 R.F.
One 2A7 first detector and electron coupled oscillator.
One 56 Amplifier.
One 2A6 Diode detector triode amplifier.
One 2A5 Power Amp.
One 80 Rectifier.

8 TUBE PEROFORMANCE FROM 6

It costs us no more to sell, pack, ship and advertise a **good set** than it does a poor one. Therefore, although the amount of profit is the same, the ratio in proportion to the cost is considerably lower on the **good set.** We offer here what we consider is the latest and one of the best radios available today. Uses new tubes; **superheterodyne circuit;** Rola, Jensen or Sonochorde speaker. Comes in a **highly piano finished,** beautifully grained natural walnut cabinet of pleasing proportions, especially designed to attract your lady customers.

For the men we provide superheterodyne circuits, rugged construction, tone control (to match his [or her] ear), dual type tubes (8 **tube performance from 6 tubes**), illuminated dial, police calls, automatic volume control, Arcturus, Sylvania or Eveready tubes and at a price that fits his pocket-book. Comes packed in air cushioned cartons; prompt deliveries; we carry a sufficient stock to guard against a price rise.

Your Cost $19.50
Complete with R.C.A., Arcturus, Sylvania or Eveready tubes.

THE AIREX CO., Inc., 78 Cortlandt St., New York, N. Y.
RETURN POSTAGE GUARANTEED

W H Meyer
4181 24 St
San Francisco, Calif /

Sec. 562 P.L.&R.
U. S. POSTAGE
PAID
New York, N. Y.
Permit No. 10202

Society of Wireless Pioneers - California Historical Radio Society

Duresite Line Voltage Regulators

Types 110, 130 and 150

Made by Arcturus, these Duresite line voltage regulators are standard equipment on Sonora, Brunswick, Bremer-Tully,, etc. A limited quantity of the above numbers are still available at $1.25.

We also carry a complete line of **Amperite replacements** for the following Duresite numbers: 98, 105, 106, 110, 118, 125, 130, 164, 313, 315 and 415 @ $1.25.

Cat. No. 1383

Price $1.25

Pilot Lamps

S-11

For Victor and Colonial Sets and also for Refrigerators

Intermediate base —inside frosted, for 110 Volts.

Cat. No. 1560

8¢ ea.

75c Dozen

Fifteen Volt Sonora RA-1 Tubes

(Arcturus 28)

Cat. No. 1604

A Genuine replacement tube made by Arcturus **especially** for **Sonora Radio Sets.**

The RA-1 is an indirectly heated cathode type 15 volt amplifier tube designed for R. F. & A. F. amplifications.

Price 30¢

6 for $1.50

SO-1 15 volt Amplifier tube (Arcturus type 40)

Price $1.89

Cat. No. 1381

Kellogg & McCullough

Type 401 and 403 Tubes

Cat. No. 1834

These general purpose three volt tubes are standard replacement in all sets using the type tubes having the filament pins on top.

Price 85¢

Type 403 Amplifier

$1.05

Pilot Lights and Flash-light Bulbs

Do not confuse these pilot and flash lights with the inferior material you sometimes run across. They are the finest bulbs obtainable. The Airex Co. does not try to save pennies at your expense.

Pilot Lights	Flash Lights
$1.65	**$1.75**
Per 100	Per 100
22¢	**24¢**
Box of 10	Box of 10
Come in 2.5, 3.2 & 6 volts.	Come in 2.5 and 3.5 volts.

Colored Pilot Lights

Green, Amber or Red 2.5 V.
3.2 V.
6 V.

30¢ Per box of 10

RCA Voltage Control UP-591

Constant Voltage Device Voltage control unit for replacement in Brunswick RPA 1A and RPA 4 with panatrope receivers. Can also be used as voltage control between B minus and 90 volts by connecting F plus to B minus and G to 90 volts.

Replaces Radiotron Tube 874

Can also be used as a 1500 ohm porcelain resistor.

Cat. No. 2972

Our Price 24¢

Genuine G.E. Neon Lamps

For 105-125 Volts A.C. (& D.C.)

Neon lamps are very useful in the laboratory and shop. Can be used for circuit testing, television and as current indicating devices. Can also be used as resonance indicators.

Cat. No. 2993 ¼ watt	**42¢**
Cat. No. 2990 ½ watt	**42¢**
Cat. No. 2991 1 watt	**42¢**
Cat. No. 2992 2 watt	**55¢**

de Forest

Special Close Out

De Forest Receiving Audions are today used in a large majority of amateur stations, colleges, laboratories and are standard equipment with the U. S. Navy. They are all quick heater types, and are sure to give the utmost satisfaction.

Type Tube		Our Price
'01-A	@	**$0.25**
'10	@	**.95**
'12-A	@	**.45**
'20	@	**.49**
'27	@	**.30**
'31	@	**.44**
'32	@	**.59**
'33	@	**.63**
'37	@	**.52**
'38	@	**.63**
'39	@	**.63**
'40	@	**.90**
'46	@	**.47**
'50	@	**.84**
'81	@	**.89**
'82	@	**.43**
'99	@	**.39**

BH Rectifier Replacement Tubes

125 MILS — FULL WAVE RECTIFICATION. For replacement in all type "B" eliminators using Raytheon type rectifier tubes. Fully guaranteed.

Cat. No. 1251

Our Price 89¢

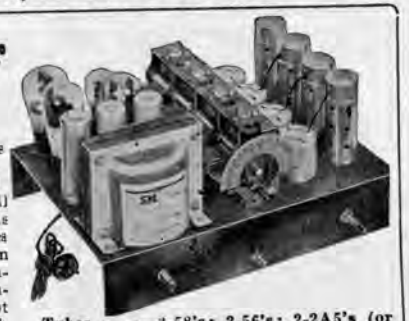
Line Ballasts for Majestic Sets

These are exact replacements for all Mjaestic model receivers, of the 70, 72, 80 and 90 series sets.

Cat. No.	Model	Price
3087	70	$1.29
3088	72	1.29
3089	80	1.29
3090	90	1.29

Mail Orders Direct to THE AIREX CO., Inc., 78 Cortlandt St., N. Y. C.

Eight Tube AIREX (2A5 or 47) Radio Chassis



Using parallel (2A5 or 47's) in class A. delivering 6 watts of undistorted output. Low hum level because it uses a oversize Power transformer, sufficient in size to adequatel supply the full required voltage to the 2A5's to get the full 6 watt output, 24 mfd. of filtering, two chokes one used as the speaker field) and because of cathode type power tubes (2A5). Provision made for phono pickup and a connection is provided for use of extra speakers. The R.F. circuit consists of 4 sharply tuned stages with 3-58's super control pentodes and a 56 power biased detector. The detector is not coupled directly to the output tube but is coupled through a 56 audio stage giving better tone and more volume. The 4 gang condenser is the wide spread, low loss type used in quality receivers. The condenser trimmers are designed and constructed to prevent capacity variation due to vibration and weather changes. The condenser and coils are carefully matched assuring both maximum sensitivity and selectivity. The tuning dial is of a full vision spot tuning type. The volume control and tone control are very smooth in operation. We claim nothing new for this circuit. It is an old standby improved since 1917 to its present state of perfection. The secret of the fine results is in the careful selection and matching of the component parts.

Tubes used—3-58's; 2-56's; 2-2A5's (or 47's) and one 80 rectifier.

Chassis Dimensions—
15½" long, 11¾" wide, 7½" high

For 110-125 volt, 50-60 cycle A.C.

Price of chassis complete with wood knobs and escutcheon plate	
Less tubes and speaker	**$12.35**
Matched 8" dynamic speaker	**$2.95**
Matched 12" dynamic speaker	**$3.45**
Complete set of matched Airex Tubes	**$2.95**

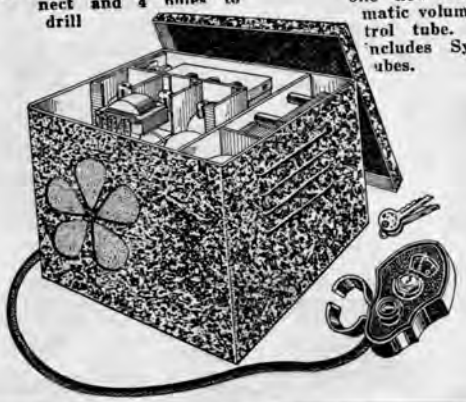
(Tubes guaranteed for 6 months)

Airex Five Tube All—Electric Auto Radio

New in every detail
Note these features

- **Three gang tuning**
- **Illuminated Dial**
- **Remote Control**
- **Lock switch**
- **Mono-unit construction**
- **Two-Watt output (42 type tube)**
- **All-electric (no batteries)**
- **Compact 6½"x9"x7½" deep**
- **Noise proof steel case**
- **Special mounting brackets**
- **Full Dynamic Speaker**
- **Range 185-550 meters**
- **Complete Kit of Suppressors**
- **Easy to mount**
- **Only two wires to connect and 4 holes to drill**

LATEST TUBES USED — One 84, one 42, two 39's and one new 77 automatic volume control tube. Price includes Sylvania tubes.



This new **Airex Automobile Radio** is new in every detail — improved power pack (B eliminator) using the 84 full wave rectifier —the new U.S.L. remote control with illuminated non-glare dial and combination volume control and lock switch (Yale).

A compact high gain, extremely sensitive 5 tube auto radio. Utilizing the newest tubes, 2-39 super control R.F. Amplifier Pentode's, the new 77 Triple-Grid Detector Amplifier automatic volume control tube; 1-42 power amplifier pentode with a power output of 2 watts undistorted; and an 84 full wave high vacuum, heater-cathode type rectifier. High selectivity, because of 3 gang tuning. All electric. Only 2 wires to connect. Can be installed in less than thirty minutes. Dynamic speaker for full tonal production. Draw less current than a spot light. (4 Amp.) Complete with Sylvania tubes, remote control and motor radio suppressors and full instructions ..... **PRICE $19.95**

Genuine Pilot Isograd Mica Bakelite Moulded Condensers

The No. 50 series of fixed condensers is for special mountings where threaded bushings, moulded into the condensers, are required. They are also recommended for permanent laboratory setups, as well as for repeated, temporary connections for which the threaded terminals are particularly convenient. In size they are 1⅞ ins. long, 1 19/32 ins. wide, and 11/32 in. thick.

4¢	5¢	8¢
.00002	.00015	.0015
.00003	.00025	.002
.00004	.00035	.0025
.00005	.00045	.003
.00006	.0005	.004
.00007	.00055	.005
		.006

Cat. No. 2451

Flechtheim Non-Inductive Midget

SHIELDED, BEAUTIFULLY MADE, ALUMINUM FINISH
WHILE THEY LAST — NEW LOW PRICES

These hermetically sealed, non - inductive, moisture proof, extremely accurate, leak-proof and highly efficient midget condensers are used by particular radio men in grid blocking, plate coupling, grid, plate and screen-grid circuit bypass units; in series antenna, resistance and impedance coupling circuits, compensating, neutralizing and for many other purposes (these condensers are plus or minus 5%). Rated at 500 Volts D.C. Low power factor, low direct current leakage, low radio frequency losses and low in price. Approx. size 1⅛"x⅝"x2" long.

Cat. No.	Mfd.	Your Price
M-B	.0002	$0.09
M-C	.00025	.08
M-D	.0005	.18
M-F	.002	.19
M-J	.006	.14

Green Flyer Phonograph Motors

A REAL BARGAIN

$4.50

Limited Quantity Available

Electrically operated phonograph motor of the silent induction type, governor controlled, assuring a uniform speed under varying voltage fluctuations. Silent oil enclosed gears, long life self lubricating bearings. 10" turn table. Speed control. For 78 R. P. M. records. Complete with turntable., speed indicator, etc.
Cat. No. 7149 **$4.50**

GREEN FLYER TWO SPEED MOTOR
Embodying all the important features of the single speed motor describel above but with these added features: two speed motor, 33⅓ and 78 R.P.M. (Speed change quickly accomplished by a shift lever.) Complete with 10" turntable, speed indicator and etc. For 100-120 volt, 50-60 cycle A.C.
Cat. No. 7138
PRICE **$9.75**

Electrolytic MERSHON Condenser

These condensers are self-healing and surge-proof. The conservative Mershon policy held good when these condensers were rated, 400 volt Peak.

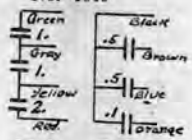
As these are the wet electrolytic type they cannot be injured by a slight overvoltage or reversed polarity. Prices do not include the mounting rings, as we presume that most of these condensers will be used for replacement work on sets where the old mounting rings or brackets will be used again. The eight mfd. condensers come in two types—inverted with threaded stud and upright (as illustrated).

ALL 400 VOLT WORKING

Cat. No.	Number of Anodes	Cap. each Anode	Total Cap.	Price
1488	1	8	8	$0.45
1491	1	18	18	.65
1487	2	8-8	16	.69
1490	2	15-5	20	.95
1496	2	18-8	26	1.00
1498	2	18-18	36	1.50
1482	2	16-8	24	1.49
1495	3	8-8 8	24	.49
1499	3	9-9-18	36	.95
1486	4	18-18-8-8	52	1.45
1489	3	5-5-5	15	2.45

Faradon— 5.1 Mfd. 400V.

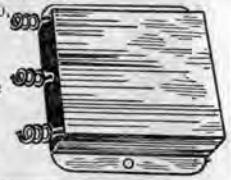
Cat. No. 2914
Kolster Replacement No. 4849



Cat. No. 3704 **Price 24¢**

FOR ATWATER-KENT SETS
3-Section By-Pass Replacement Condensers

For Models 37, 38, 40, 42, 44 and 46.
Cat. No. 2430



Special Price 54c

GUARANTEED FOR SIX MONTHS

FOR ATWATER-KENT SETS
Speaker Filter By-Pass Condenser

For replacement in Atwater Kent Sets Models 37, 38, 40, 42, 44, 46.

Price 44c
Cat. No. 2431

AIREX "Hi-Cap" Electrolytic Condensers

Airex Electrolytic Condensers are today the most advanced in design. A complete line, providing a condenser for every purpose. The electrolytic used is neutral in chemical action with the electrode metal. This gives long life and very high voltage rating. To assure safety against shorts and punctures between sections in multi-anode units, heavy insulation is used. Because Airex condensers are unaffected by extreme temperature changes, compact construction in receiver design is permissible without change of capacity or leakage. The condensers listed below are all 450 volt D.C. peak, unless otherwise noted. For higher voltages, they can be used in series; i.e. two 8 mfd. in series will give a 4 mfd. 1000 volt condenser.

UPRIGHT METAL CASED

These large capacity units are extremely popular and suitable for replacement of the wet type electrolytics. Made in standard dimension metal cans so that they may be used as regular replacements in any of the radio sets using the wet type of the past few years. All 450 volts, working.

Cat. No.	Total Cap. Mfds.	Cap. per sec. mfds.	Price
9477	14	2-4-8	$1.25
9478	16	8-8	1.15
9480	20	15-5	1.30
9481	24	8-8-8	1.60
9482	32	8-8-8-8	2.15
9483	36	9-9-18	2.25
9484	52	8-8-18-18	3.10
9485	54	9-9-18-18	3.10

Tubular Dry Electrolytic Condensers

These condensers are of the dry electrolytic type in tubular cardboard containers. They are used for filtering, audio frequency or "C" bias by-passing.

Cat. No.	Total Cap. Mfds.	Work. Volt.	Price	Cat. No.	Total Cap. Mfds.	Work. Volt.	Price
9463	1	450 V.	$.28	9467	4	450 V.	.36
9462	2	250 V.	.21	9466	5	175 V.	.21
9464	2	450 V.	.32	9468	10	50 V.	.26
9465	4	250 V.	.23	9473	20	25 V.	.29
				9469	15	125 V.	.41
				9470	25	50 V.	.38

Replacement By-Pass Condensers

We list below a number of replacement condensers for Crosley, Majestic, Eveready, Bosch and Colonial sets. These condensers are built in accordance with the latest manufacturing processes and will meet the requirements of the set manufacturer's specifications.

CROSLEY

Part. No.	Price
W4103B	$0.45
W4232A	.57
W4313	.33
W4919	.29
W4968	.24
W4973	.36
W5197	.75
W5862	.90
W5863	.75
W5942	.24
W5943	.30
W6428	.57
W7753	.66
W7944	.36
W20186	.87
W20188	.30
W20446	.69
W20447	.27
W20448	.24
W20449	.48
W21296	.24
W21456	.54
W22412	.60
W23736	.90

MAJESTIC

Part. No.	Price
4641	$0.48
5047	.30
5049	.39
5050	.51
5140	.33
5230	.12
5231	.12
5232	.12
5234	.12
5236	.12

EVEREADY & BOSCH

Part. No.	Price
2822	$0.90
2822B	.81

COLONIAL

Part. No.	Price
1748-SA	$0.55
1728-SA	.98

Inverted Single and Dual Metal Cased

These units are made for a ⅞" hole; inverted mounting, container negative and the anode or positive terminals projecting below through an insulated threaded nipple. All 450 volts, working.

Cat. No.	Total Cap. mfds.	Cap. per sec. mfds.	Price
9454	2	2	$ .42
9455	4	4	.44
9491	6	6	.50
9456	8	8	.54
9490	10	10	.75
9457	12	12	.89
9471	8	4-4	.75
9472	12	4-8	.95

Rectangular Cardboard Type

These dry electrolytic condensers are mounted in card-board containers, that are moisture proof and are sealed at the terminals ends with high melting wax compound. Ideal for replacement and repair purpose, especially where space is limited. All 450 volts, working.

Cat. No.	Total Cap. mfds.	Cap. per sec. mfds.	Price
9458	2	2	$0.32
9459	4	4	.36
9460	6	6	.42
9461	8	8	.43
9492	8	4-4	.70
9493	12	4-8	.90
9494	16	8-8	1.05

Dry Cardboard Electrolytics

8 mfd. 250 volts
Size 1"x1⅝"x3" long
Cat. No. 9500
Price 39c

4 mfd. 250 volts
Cat. No. 9501
Price 31c

4-4 (total 8) 200 volts
Cat. No. 9502
PRICE ..... **58¢**

8-8 (total 16) 200 volts
Cat. No. 9503
PRICE ..... **67¢**

12-12 (total 24) 200 volts
Cat. No. 9504
PRICE ..... **73¢**

16-16 (total 32) 200 volts
Cat. N. 9505
PRICE ..... **92¢**

25 mfd. 200 volts
Cat. No. 9506
PRICE ..... **78¢**

Sparton Tubular Replacement Cond.

Exact tubular replacement condenser for Sparton sets.

Cat. No.	Capacity	Price
2918	.25 mfd.	$0.29
2919	.5 mfd.	.31
2920	1 mfd.	.33

Sparton By-Pass Condenser

Part No. A6456
For Models 9-A, 410 and 420

The original Sparton by-pass condenser. Contains 4 sections of .3 mfd. each.
Cat. No. 2913 **35¢**

IMPREGNATED REPLACEMENT CONDENSER SECTIONS

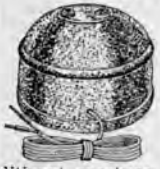
Cat. No. 1433

Cap. Mfd.	D.C. Working Volts	Price
0.5	1,000 V.	22c
1	1,000 V.	70c
2	1,000 V.	1.05
2	600 V.	28c
0.5	600 V.	18c
1	500 V.	42c
0.5	500 V.	32c
0.25	500 V.	28c
0.1	500 V.	16c
2	400 V.	13c
2	200 V.	11c
1	200 V.	09c

Evenly covered with a moisture-proof, black condenser sealing compound. This protects the FILTER and BY-PASS condensers against moisture and weather changes. An important feature of these hangup condenser sections is the ABSOLUTE IMPOSSIBILITY of the long flexible pigtails from breaking off at the carefully soldered connections, as so frequently happens in this type condenser.

LEAVE THEM IN THE BOXES FOR ADDED PROTECTION

Imperial Output Trans. Filter for Magnetic Loud Speakers



Enables the speaker to give better reproduction and handle more power as it prevents any part of the plate current passing through the speaker. A necessity on all installations where extra and additional speakers are used. Acts as an efficient "pad." Housed in attractive case. Supplied with cord and pin jacks.

Cat. No. 7126 **19c**

9¾ Mfd. Potter Condenser Block

Metal Case and Mountings

Contains sections of 4, 4, 1, ¼, ¼ and ¼ mfd. at 300 volts. Many uses can be found for this block by the set builder and service man.

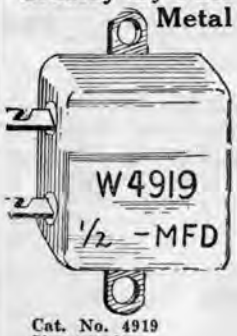
Replacement in Metrodyne Receivers

Size 4x4x2 in.

Special 11c

Cat. No. 1156

Crosley By-Pass Condensers in Metal Cases



Cat. No. 4919
Size 2x2x¾ in.
400 Volt Test

Price 23¢

Cat. No. 4968
Size 2 in. x 1 in. x ¾ in.
200 Volt Test

Price 20¢

AIREX TUBULAR CONDENSERS

Pigtail cartridge type

An improved type of tubular condenser. Non-inductively sound. Conservatively rated, in keeping with the Airex policy. Compact in size, and furnished with tinned wire leads which cannot be pulled out. Designed especially for replacement work. Moisture proof and will withstand rough handling. A complete line of sizes in four voltage ratings.

200 Volt Tubulars

Cat. No.	Cap.	Price
1170	.025	$0.05
1171	.05	.06
1171	.1	.09
1173	.25	.09
1172	.1	.06
1174	.5	.11
1175	1.	.15

400 Volt Tubulars

Cat. No.	Cap.	Price
1185	.01	$0.05
1186	.025	.07
1187	.05	.08
1188	.1	.09
1189	.25	.11
1190	.5	.13

600 Volt Tubulars

Cat. No.	Cap.	Price
1193	.001	$0.05
1194	.002	.05
1195	.003	.06
1196	.004	.06
1197	.005	.06
1198	.006	.06
1199	.01	.07
1200	.02	.08
1205	.03	.08
1201	.05	.09
1202	.1	.10
1203	.25	.14
1146	.05-.05 200 V.	.15
1147	.1-.1 200 V.	.19
1148	.25-.25 200 V.	.30
1149	.05-.05 400 V.	.20
1150	.1-.1 400 V.	.24

PEERLESS TRIPLE .1 CONDENSER

Cap. .1—.1—.1
With common ground

Consists of three .1 mfd. bypass sections in a compact welded can. Has mounting screw. Size 1½" by 1⅜" by ⅞". Long rubber-covered colored stranded wire leads.

Cat. No. 2438 **24¢**

MICAMOULD FILTER CONDENSER

3 in 1

Three in one condenser. Two .1 mfd. 400 v. working; .5 mfd. at 400 v. working. The flat-drawn metal shield is the "common" for all three condensers. Compact, size 2 in. x 1¾ in.

Cat. No. 3721
Price 22¢

T.R.F. SCREEN GRID COILS

Threaded Bakelite Tubes
Cat. No. 6102
SPECIAL PRICE
39c

Space wound with enameled wire on Threaded Bakelite forms for low losses and minimum distributed capacity. They are only 1¼ in. in diameter by 3¼ in. long. This high L/D ratio gives them a more restricted field, reducing shield can losses. They can therefore be used with smaller cans. Ideal for compact Hi Gain sets, and Test oscillators. Equipped with an additional internal winding which may be used for regeneration with condenser or resistance control.

Any one of these coils will make an excellent Wave-Trap.

Aluminum Cased Electrolytic

8 mfd. 450 volt

For long life and service, wet electrolytic condensers are recommended. Although **wet** electrolytic condensers (which must come in metal containers) cost much more than **dry** electrolytics (which come in paper or cardboard containers), we purchased them as a closeout from a manufacturer who is discontinuing the line at a price that enables us to sell them for less than the dry cardboard type.

Comes with threaded stud, nut and washer, as illustrated.

Price 36¢

Automobile Mazda Lamps

All 6-8 Volts

Mazda No.	Bulb	Base	Amps.	Price per Box Ten
63	G-6	S.C.	3	$0.55
			Candlepower	
1000	S-10	D.C.	32-32	1.32
1110	S-10	D.C.	21-21	1.21
1116	S-10	D.C.	32-21	1.43

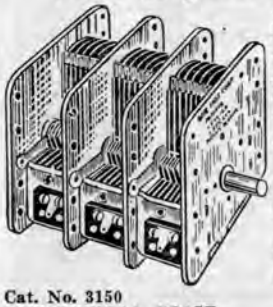
SINGLE VARIABLE CONDENSERS

Cat. No. 6106
.001—43 plate ..... **14¢**
Cat. No. 6107
.000015—3 plate vernier . **8¢**

These condensers can be **double-spaced** (take out every second plate) for use in high tension and transmission work, as they are assembled with machined spacers.

At these prices, which represent a fraction of their cost, they are exceptional values, which is the only reason we purchased them. Good for oscillators, S.W., one tube sets, wave meters, wave traps, band pass filters, loading condensers, station selectors, sensitivity controls, regeneration (feed-back) throttle control, etc.

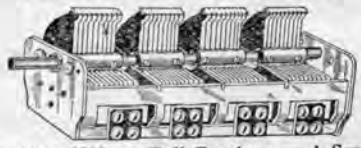
Pilot 3-Gang Shielded Variable



.00032 mfd. capacity per section. Rugged ly constructed with heavy shields between each section Compensating condensers mounted on each gang. Extra heavy wide spaced plates. Spring brass rotor contacts. Compact, only 4½" deep. ¼" shaft. The shields measure 4½" x3¾". These always sold for $3.00.

Cat. No. 3150
OUR SPECIAL PRICE **$1.39**

FOUR GANG CONDENSER



Cap. .00037 Mfd. — Ball Bearings — 4 Separate Trimmers — ⅜" Long Shaft — Cat. No. 6101

SPECIAL PRICE **24c** Includes Trimmers

Battleship type, accurately made, factory-matched sections, low minimum capacity and three point mounting, together with ball bearings which permit easy turning, makes a job that will last for years. All rotor plates are sweated into slots in the center bushings and in end bars for rigidity. Cannot vibrate or change capacity-calibration over any part of the tuning range. Excellent for regular T.R.F., high gain Screen Grid or Superhet work. An ideal condenser for experimental work. Length 8½" x 3½" wide. The four external trimmers alone are worth the money—they can be mounted either on the condenser or on the coils.

Eisemann Super Sensitive Headphones

A pair of super sensitive 1000 ohms headphones assembled in aluminum shells, covered by moulded hard rubber caps.

The adjustable head band is web covered and designed to afford utmost comfort. The total resistance is 2000 ohms.

SPECIAL **89¢ set**
Cat. No. 4001

Self-Locating Wafer Sockets

Has recessed ring to facilitate easy insertion of the tube even in dark and "tight" spots. Bakelite throughout. Heavy contacts. Ideal for use in high voltage set-ups. Available in either ½" or 1-11/16" mounting centers. Unmarked. For 4, 5, 6 or 7 prong tubes. **8¢ ea.**
Cat. No. 2978.

Polymet Shielded Condensers

300 volts D.C.

Metal cased, lug connections as illustrated.

Cat. No. 2898 2. mfd. 2⅛"x1¾"x1½" ..... **32¢**
Cat. No. 2899 .25 mfd. 2⅛"x1¾"x⅝" ..... **18¢**

5-Gang Combination Long and Short Wave Condenser

A five gang variable condenser of which three of the sections are for regular broadcast use with the capacity of .00035 mfd. per section. The front two sections are a two gang condenser with each section being .00015 for short wave reception. The compensators are fastened to each section of the .00035. A high shield is placed between the broadcast and the short wave sections to prevent any inter-coupling. The entire assembly is covered by a shield as illustrated, the compensators being accessible through holes in the shield. Very compact measuring only 6½" long, 4" high and 3½" wide. ⅜" shaft. The ideal condenser for a combination long and short wave receiver.

Cat. No. 3149 ..... **$1.85**

ULTRA-VIOLET Ray Health Light

Delivers Ultra-violet radiation at any wave length. Modern therapathy makes use of the various wave lengths (colors) for the various applications ultra-violet rays are used for. A wide selection of carbons now on the market covers the range. Operates on A. C. or D. C. Builds up to efficiency immediately when current is turned on. The carbon arc is externally controlled by vernier lever.

It relieves colds and respiratory disorders, prevents rickets, stimulates growth of hair (see treatment book), enriches blood and kills infections of every known bacteria. Special goggles with dark protective glass for the eyes. Carton containing six type "A" (sunshine) carbons. Handy tongs for removing carbons. Wire screen for reflector shade.

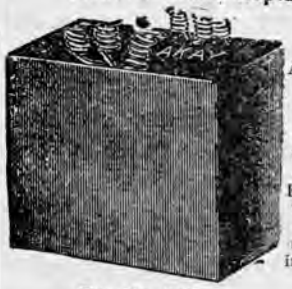
In addition to above, there is a special operating instruction card and the essential Treatment Book, "Health and Happiness with Rauland Health Light."

Including all Accessories & Treatment Book

Extra Carbons
Eveready
Sunshine **9¢ ea.**

Cat. No. 2806
List $30.00 **$5.45**

Atwater Kent Replacements

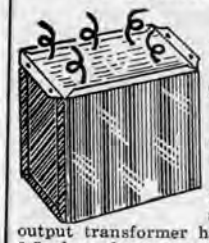


Replacement Block For Models

AK 37 & 38 Sets his block contains 3 chokes nd condensers of he proper specications and ratings for the A. K. Model No. 37. All flexible wire eads properly narked for easy installation.

Cat. No. 2933 **$1.85**

Replacement Audio and Push-Pull Transformers for Majestic Sets

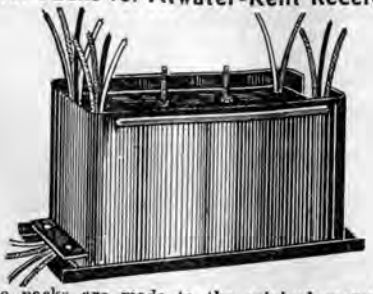


An exact physical and electrical replacement for Majestic series 70, 80, 90, 180 and 90B receivers.

The first stage audio is a 3 to 1 audio. The push pull inputs are designed to operate from the plate of a 227, 56 or similar tube into a pair of 45's or 50's. The output transformer has a voice coil secondary of 6-8 ohms for operation direct into the voice coil of a dynamic speaker.

Cat. No. 5565
Majestic Audio ..... **85¢**
Cat. No. 5572
Majestic P. P. Input ..... **95¢**
Cat. No. 5574
Majestic P. P. Output ..... **95¢**

Power Packs for Atwater-Kent Receivers



These packs are made to the original manufacturers specifications. The mechanical size and can dimensions are exactly as the manufacturers units. The packs listed are unconditionally guaranteed for a period of six months. These packs are manufactured for us by a nationally known responsible transformer and condenser manufacturer.

Model 40, 42, 44, 45, 52, 56, 57 A.K. receiver pack.
Cat. No. 2432 ..... **$4.55**
Model 46, 47, 53, A.K. receiver pack.
Cat. No. 2433 ..... **$6.95**
Model 43 Power Pack
Cat. No. 2437 ..... **$7.15**
Model 41 D.C. Complete with all resistors. Cat. No. 2441 ..... **$4.35**

Majestic Replacement Blocks

For Majestic Receivers

Designed to overcome the weak points in the original units, which is why we can give you a six months' unconditional guarantee on any of these replacements. Exactly as the original on physical dimensions.

7431—70, 71, 72	$1.79
7433—90, 91, 92	1.79
7432—80, 180	2.98
7434—90B	2.15
7435—50	2.29
5522—"B" eliminator	1.49
5528—Special "B" eliminator	1.80
7429—20-21-22-23 Cond. Choke & Input Assembly	3.15
7430—7P6 (7 leads)	2.25
7428—30 condenser and choke	2.65

171 ABC Power Transformer and Choke

Consists of power transformer and choke. Used in Models H and J King sets. Also used in Silvertone 1928 and 1929 sets. Will handle 4-26's, 2-27's or 1 or 2-71's and 1-280. Brand new.

Supplies current for the field of a dynamic speaker. Has built-in line voltage compensating switch to permit operation on line voltage of 105-130 volts. Protective built-in fuse. Entire unit in an attractively silvered metal case. Measures 6½" x 5½" x 2¾". Easily mounted in narrow space. Comes complete with terminal strip, cord and plug, as shown in the illustration. Weighs 5 lbs. An excellent buy for the experimenter. Wiring diagram included.

Cat. No. 2429
SPECIAL PRICE
$1.29

Standard Replacement Transformers

EXACT DUPLICATES

These transformers are the products of the pioneer replacement parts manufacturers. Exact duplicates mechanically, avoids the necessity of redrilling or rewiring. Your customer gets a factory appearing service job. Each and every transformer guaranteed under standard R.M.A. guarantee. Individually packed, complete with diagrams. Conservatively rated with the weak points of the original units, eliminated. Write us for prices on transformers not listed here.

SET & MODEL	PRICE
A.C. Dayton Navigator	$3.20
All-American Lyric D	3.30
All-American Lyric 90-93-94-95	3.30
Amrad 7191	4.70
Apex 46	2.95
Apex 36-37 P.T. & Choke	3.50
Apex 99A	2.95
Apex Case 80	2.95
Apex 10	3.70
Apex 20	1.90
Apex 32	3.95
Apex 8	3.45
Apex 7	3.25
Apex 7, 25 cycle	4.65
Apex 9	3.10
Argus 195 B	4.80
Atwater-Kent 37	2.35
Atwater-Kent 55-55C-60-60C (Specify early or late model)	3.50
Atwater-Kent 55-55C-60-60C (25 cycle) (Specify early or late model)	4.75
Atwater-Kent 66 Plate Trans.	4.75
Atwater-Kent 66 Filament Trans.	2.85
Atwater-Kent H1, H2, L1, L2	3.70
Atwater-Kent 82F, 85F	4.65
Atwater-Kent 84 (all)	3.75
Atwater-Kent 84F	4.65
Atwater-Kent 80, 83	3.75
Atwater-Kent 80F, 83F	4.45
Atwater-Kent 87, 89, 89P	3.95
Atwater-Kent 89F	4.90
Atwater-Kent 82, 85	3.70
Balkite A-3, A-5, A-7	3.40
Belmont 51	3.45
Belmont 51A, 51B	3.05
Belmont 41, 47	2.95
Bremer-Tully 7:70, 7:71	2.50
Bremer-Tully 6:40, 6:41	2.25
Bremer-Tully S-14, S-21, S-81, S-82	3.25
Bremer-Tully S-14, S-21, S-81, S-82 (25 cycle)	4.50
Brunswick 15-32	3.20
Brunswick 14-21-31	3.30
Brunswick 14-21-31 (25 cycle)	4.80
Brunswick 10	2.60
Brunswick 3NC8, 5NC8	3.60
Brunswick 12, 12A, 16, 16A, 18, 18A, 33, 33A	3.60
Brunswick 2KRO, 3KRO, 3KR6, 5KR, 5KRO, 5KR6	3.35
Bosch 20	2.65
Bosch 28	2.95
Bosch 29—825	4.70
Bosch 48	3.35
Bosch 58	3.35
Bosch 60	3.50
Bosch 133	2.55
Clarion 51	3.30
Clarion 60	3.35
Clarion 90	3.25
Club Aluminum 9-in-line	3.95
Colonial 28 Plate Trans.	2.95
Colonial 31	2.95
Colonial 32	3.20
Colonial 33	3.50
Colonial 36-114, 38-117, 39-125	2.60
Colonial 44	2.60
Colonial 47	2.60
Columbia Screen Grid 8	3.50
Columbia Screen Grid 9	3.35
Dayfan (General Motors) 5005	3.30
Earl 21-22	2.95
Earl 31-32	3.45
Earl 41	3.50
Edison R4, R5, C4, C3	3.60
Edison R6, R7	3.65
Edison R1, R2, C2 Plate Transformer	2.60
Edison R1, R2, C2 Filament Transformer	3.50
Echophone 6 tube	2.85
Echophone 8 tube	3.15
Eveready 40-50 Series	3.30
Eveready 30 Series	3.35
Fada Special	3.35
Fada RA	3.35

SET & MODEL	PRICE
Fada RC	$3.65
Fada RE	3.40
Fada KY	3.40
Fada KO	3.30
Fada KOC	3.30
Fada KX	3.40
Fada 10-11-16-17-20-32	3.30
Fada 35	3.50
Fada 25	3.30
Fada 45	3.30
Fada 43	3.30
Fada 40-41-42-44-46-47	3.30
Fada 50-70 for E420 Power Unit	3.80
Fada 50-70 for E180 Power Unit	3.30
Fada 75-77	3.55
Federal D and F	4.90
Freed 55-56	2.90
Freed 78-79, 79S, 90, 65	3.50
Freed 95	3.40
Freed-Eismann N.R. 60	3.40
Freed-Eismann N.R. 80	3.45
Freed-Eismann N.F. 85	3.45
Freed-Eismann N.R. 21	4.85
Freshman G-60-S Plate Trans.	2.45
Freshman Q	2.90
Freshman QD	3.95
Freshman N	4.80
Freshman H. Fil. Trans.	2.55
Freshman H. Plate Transformer	4.45
Freshman ABC	2.40
Freshman G Plate & Filament Transformer	3.30
Freshman K Plate Transformer	2.35
Freshman ERAC	3.95
Freshman EAC	4.65
Freshman 41, 47	2.65
Freshman 51	3.70
Freshman 51A, 51B	2.95
Garod EA	4.50
General Electric H31, 51, 71	3.65
General Electric T41	3.70
General Motors S-1A, 216, 217, 219, 250	2.55
General Motors 89A	3.05
General Motors A	3.30
General Motors MA-MB Chassis for 110-180-190 Sets	2.60
Gen. Motors 253-254-256-258-250	3.35
Gloritone (See also Apex- 26	2.95
Gloritone 27	3.10
Gloritone 26A	3.10
Gloritone 26P	2.75
Graybar GB700, 770, 900	3.85
Graybar GB500, 50	3.50
Graybar GB340	3.95
Graybar GB310, 311	3.30
Graybar GB600	3.45
Graybar GB678	3.75
Grebe SK4	3.40
Grebe AH-1	3.50
Grebe AC6	2.95
Grebe HS-4 (1-2½ v. Fil.)	2.60
Grebe HS-4 (2-2½ v. Fil.)	2.95
Gulbransen Screen-Grid 8	3.30
Gulbransen 9-in-line	3.95
Hammerlund HI-Q 30	3.50
Kellogg 245, 523, 533, 534, 535, 536	4.60
Kellogg K-45	3.50
Kennedy 26-34	3.25
Kennedy 10-20	3.25
Knight Power Trans. & Choke	3.50
King J Power Trans. & Choke	4.20
Kolster 6J & 6K	3.50
Kolster 6L	2.60
Kolster-Brandes K20, 22, 25, 27, 37	4.60
Kolster-Brandes K24.36	5.30
Kolster-Brandes K43	5.40
Kolster-Brandes B15, B16	5.60
Kolster-Columbia 950	6.85
Kolster-Brandes B-10	2.90
Kolster K28 and C-10	1.80
Kolster Columbia C-980	1.80
Kolster K-45	6.95
Kolster Columbia 930-931	1.95
Kolster Columbia C500—25 cycle	2.90

SET & MODEL	PRICE
Kolster Columbia 300 Series 25 Cycle	$2.90
Kolster 6L-2 25 Cycle	1.85
Kolster-International K60	3.30
Kolster-International K70	3.25
Kolster-International K80	3.30
Kolster-International K90	3.25
Majestic 90, 91, 92	3.30
Majestic 70, 71, 72 Plate & Filament Trans.	3.25
Majestic 90B-100B	3.30
Majestic 130-131-132-133	3.30
Majestic 21-22-23	3.35
Majestic 25	3.30
Majestic 50	3.30
Majestic 180 Plate	4.20
Majestic 180 Plate and Filament	4.75
Majestic 60	3.50
Majestic 20, 200, 201, 203, 204	3.30
Majestic 15-15B-150	2.65
Majestic 90B-100B 25 Cycle	4.35
Majestic 130—25 Cycle	4.35
Majestic 25—25 Cycle	4.35
Majestic 50—25 Cycle	4.35
Majestic 60—25 Cycle	4.95
Majestic 30	3.30
Majestic 30—25 Cycle	4.35
Majestic 210-211-214-215	3.35
Majestic 35-351	3.35
Ozarka 90	3.35
Philco 20, 220	3.15
Philco 65	3.15
Philco 76, 77, 77A	3.15
Philco 86, 82	3.35
Philco 87	3.35
Philco 95, 96, 296, 92	3.15
Philco 70, 270, 370, 470, 570	3.55
Philco 111, 211, 112	3.15
Philco 90 (1-247)	3.15
Philco 90, (2-245)	3.35
Philco 500	3.35
Philco 511	3.35
Radiola 17-18-33-51-50	2.35
Radiola 17-18-33, 25 Cycles	3.50
Radiola 42, 48	3.55
Radiola 42-48, 25 Cycles	4.85
Radiola 44-46-47	2.70
Radiola 44-46, 25 Cycles	3.95
Radiola 60-62	2.85
Radiola 60-62, 25 Cycles	3.95
Radiola 66	2.95
Radiola 66, 25 Cycles	3.95
Radiola 64-67	7.25
Radiola 80, 82, 86	3.70
Radiola 105 Speaker Trans	4.85
Radiola 50-55-79	3.30
Radiola R15	3.55
Radiola 9-16 for Power Amplifier Unit A-P 736B	8.35
R.C.A.-Victor 7-11, 7-25	3.25
R.C.A.-Victor R32, R52, RE45 RE75	2.95
R.C.A. Victor R35-R39-RE57	2.45
R.C.A. Victor R15	3.55
R.C.A. Victor R34, R37	3.60
Rauland-Lyric 80-83-84-85-86-88	3.25
Rauland-Lyric 60-61-62-65-66	3.25
Rauland-Lyric J	3.25
Rauland-Lyric 5-6	2.75
Sentinel-Silvertone (See United Air Cleaner) 116	2.45
Sentinel-Silvertone 125	3.15
Sentinel-Silvertone 160	2.45
Sleeper Monotrol Model 70	2.55
Sonora A-31, B-31	3.30
Sonora 2 RP25, 3R, 4R, A30, A32, A40	6.15
Splitdorf M6 Plate Trans.	2.65
Sparton 589	4.30
Sparton 591, 593, 931	4.30
Sparton 89, 89A	5.55
Sparton 69, 79	3.35
Sparton 109 ensemble	5.90
Sparton 930	2.95
Sparton 931	3.50
Sparton AC7	3.50
Sparton 25, 26, 26AW, 30, 45	3.95

(Continued on Page 10)

Guarantee REGULAR RMA GUARANTEE COVERS EVERY REPLACEMENT TRANSFORMER LISTED HERE

Standard Replacement Condenser Blocks

QUALITY CONDENSER REPLACEMENTS

Exact capacities and voltages are reproduced in these replacement condensers for popular receivers. Made of the finest materials and accurately constructed. The finished product is durable and designed to give continuous trouble-free service. Reasonably priced. Invaluable for every service requirement. Condensers duplicate exact capacity of original condenser, resulting in simple accurate installation. The condenser blocks are the exact dimensional duplicates of the original, making it a very easy job to install. They are guaranteed under the standard R.M.A. warranty. For blocks not listed here, either send us the original to be duplicated or full information about it.

SET & MODEL	PRICE
Apex 46-46A	$1.50
Apex 47-47A	1.50
Apex 41	1.75
Apex 48	1.75
Apex 28A, 28AX	1.75
Apex 36	2.25
Apex Case 80	2.25
Atwater-Kent 37	1.65
Atwater-Kent 37 (25 cycle)	1.95
Atwater-Kent 46	2.25
Atwater-Kent 55	2.65
Atwater-Kent 66	3.15
Atwater-Kent 99	2.00
Atwater-Kent 79	2.00
Atwater-Kent 60-60C	2.00
Bosch 28	2.65
Bosch 29	2.90
Bosch 48	2.00
Bosch 56-60	2.25
Bosch 73	2.00
Bosch 5-5A	2.00
Bosch 31-32 Super-Het	2.00
Bosch 20J-20K-20L	2.50
Bosch 133	2.00
Brandes B-15, B-16	.90
Bremer-Tully 8-20; 8-21	2.65
Bremer-Tully 6-40; 6-41	2.25
Brunswick 15	2.50
Clarion 51-53-55	2.90
Club Aluminum 9-in-line	2.85
Columbia Screen Grid 8	2.00
Columbia-Kolster 950	2.50
Dayfan 5091	2.50
Dayfan 5003	2.50
Dayfan 5009-5077-5080	2.50
Earl 21-22	2.00
Earl 31-32	2.00
Earl 41	2.00
Edison R4-R5-C4-7R	2.00
Edison R6-R7	2.00
Edison R1-R2-C2	2.50
Eveready 30-40-50 Series	2.25
Fada 25 (7 & 8 Leads)	2.25
Fada 35	2.25
Fada 50-70-75-77 for E420 Power Unit	2.65
Fada 40-41-42-44-46-47	2.25
Fada 43	2.25
Fada 10-11	2.25
Freed 55-56	2.00
Freed 78-79	2.00
Freed 95	2.00
Freed-Eisman N.R. 11	2.65
Freed-Eismann N.R. 70	2.65
Freed-Eismann N.R. 60	2.00
Freshman G-60-S	2.00
Freshman Q	1.50
Freshman QD	2.00
Freshman N	2.65
Freshman H	3.15
Freshman K	2.00
Grebe AC-6	2.65
Gulbransen 9-in-line	2.75
Hammerlund Hi-Q 30	2.90
Kolster 6J & 6K	2.25
Kolster K45	2.75
Kolster 44	2.25
Kolster 43	2.00
Kolster 20-22-25-27	2.25
Kolster 21-23	2.25
Kolster K43	.95
Kolster K24	2.50
Kolster-Columbia 901, 500	2.50
Kolster 6H, K5	2.50
Lyric D	2.25
Majestic B	1.65
Majestic Special B	1.80
Majestic 90, 91, 92	1.65
Majestic 70, 71, 72	1.65
Majestic 180-80	2.65
Majestic 90B	2.00
Majestic 50	2.00
Majestic 60, 61, 62, 160, 163	2.25
Majestic 20-21-22-23 Condenser Choke and Input Trans.	3.15
Majestic 2[illegible] 2[illegible] cle	2.25

SET & MODEL	PRICE
Majestic 7P3 25 Cycle	$2.25
Majestic 7BP3 25 Cycle	2.25
Majestic 7P6 7 Lead	2.25
Majestic 30 Condenser and Choke Assembly	2.65
Metrodyne 9¾ mfd.	1.55
Ozarka 90	2.25
Peerless 70	2.00
Philco 20	2.00
Philco 65	1.75
Philco 82	1.75
Philco 87	1.75
Philco 77, 77A	2.65
Radiola 18, 33, 51	1.[illegible]
Radiola 60	2.25
Radiola 62	2.25
Radiola 44-46	2.25
Radiola 64	4.25
Radiola 67	4.25
Radiola 41	2.65
Radiola 105 Speaker Condenser	4.25
Radiola 30A (12 mfd.)	2.30
R.C.A.-Victor R32, R52, RE45, RE75	1.25
Rauland-Lyric 90, 25 Cycles	2.25
Rauland-Lyric 60-80 Series	2.50
R.C.A. Victor R35-R39-RE57	2.25
Silver Marshall 30B, 60B, 75B, 90B, 95R	2.65
Sonora A-31, B-31	2.00
Sonora A-32	2.50
Sparton 930	2.65
Sparton 69-79-89	2.65
Sparton AC7	2.50
Sparton 109	3.15
Sparton 89A	3.15
Sparton 301	3.90
Stewart-Warner 950 6½ Mfd.	1.50
Stewart-Warner 950 Condenser & Choke	2.65
Stewart-Warner 900 Series No. 61303	.95
Stewart-Warner 100 ABE	1.00
Stromberg 641-642-652-654	2.65

SET & MODEL	PRICE
Stromberg 635	$3.85
Stromberg 10-11	2.65
Stromberg 846	2.65
Steinite 70	2.00
Steinite 50 and 102 for 50A and 102A Chassis	2.65
Steinite 40A-45A-50A for 40A and 45A Chassis	2.25
Steinite 230	2.25
Steinite 40C-60C-102C	2.25
Sentinel 440-11-12-15-16	2.25
Splitdorf M6	2.00
Zenith 9E-11E-14E	1.95

Standard Replacement Transformers

(Continued from page 9)

SET & MODEL	PRICE
Sparton 301	$5.65
Sparton 110, 111, 101	7.85
Sparton 600 series	4.00
Sparton 400 series	5.75
Sparton 410, 420	3.85
Sparton 103, 301A, 578, 740, 750	5.35
Steinite 40, 40S, 40A, 45A	3.45
Steinite 70	3.41
Steinite 50A, 102A	5.10
Steinite 40C, 60C, 102C	3.40
Steinite 261 Power Pack	5.95
Stewart-Warner 100 A-B-E	3.15
Stewart-Warner 102 A-B-E	2.60
Stewart-Warner 102 ABE 25 cy.	3.65
Stewart-Warner 950, 951, 952, 953	2.45
Stewart-Warner 515, 516, 715, 801, 801A, 802	2.95
Stewart-Warner 811, 811A, 25 cycle	4.90
Stewart-Warner 961, 962, 963	6.90
Stromberg-Carlson 641-642-652-654	3.25
Stromberg-Carlson 846	3.45
Stromberg-Carlson 10-11-25-26	3.45
Stromberg-Carlson 12-14	3.75
Stromberg-Carlson 638	5.25
Stromberg-Carlson 635 (25 cy.)	5.15
Stromberg-Carlson 19-20	3.25
Stromberg-Carlson 29	3.25
Stromberg-Carlson 846 Speaker Transformer	2.50
Temple 8-60, 8-80, 8-90	3.00
Temple 8-61, 8-81, 8-91	3.35
United Air Cleaner (See Sentinel-Silvertone) 108, 108A, 108B, 110	3.60
United Air Cleaner 109	3.40
United Air Cleaner 114, 118	3.52
United Reproducers Courier 65 dynamic	3.00
United Reproducers Courier 65 electrostatic	4.00
U. S. Radio and Television Corp. (See Apex and Gloritone)	
Wells Gardner 80, 90, 160, 25 cycle	4.20
Wells Gardner 80, 90, 160	3.30
Wells Gardner 8 tube SG	3.50
Westinghouse WR4	3.60
Westinghouse WR5, 6, 7	3.70
Westinghouse WR4, 25 cycle	4.95
Zenith 7 Plate Transformer	3.20
Zenith 9	2.75
Zenith 18 Plate Transformer	3.65
Zenith 52, 53, 54, 55, 57, 60, 61, 62, 64, 67, 602, 613, 622, 642, 672, 522, 532, 542	3.30
Zenith 91-92	3.50
Zenith 95, 67	3.85
Zenith 10, 11, 12 (Super-Het.)	3.30
Zenith 50, 60, 70 Series (25 cy.)	4.60
Zenith 102-112-122 (25 cycle)	4.60
Zenith 90	3.05

Replacement Audio Transformers

Exact replacements identical to the originals. As they are high grade transformers, they can be used for replacement in other receivers than those listed.

SET & MODEL	PRICE
Majestic Audio Transformer	$0.95
Majestic Input Transformer	1.05
Freed Audio Transformers	.95
Freed Input Transformers	1.60
Earl Audio Transformers	.95
Earl Input Transformers	1.75
Gen. Motors "A" Input Trans.	1.35
Stromberg-Carlson 642 Audio Transformer	1.95
Stromberg-Carlson 846 Audio and Input Transformer	2.45
Radiola 62 Output Transformer and Choke	1.85
Atwater-Kent 67 Audio & Input Transformer	1.75
Atwater-Kent 55 Input & Output Transformer	1.85
Stromberg-Carlson 10-11 Input Transformer	2.65
Stromberg-Carlson 642 Filter Inductor	2.65

Dynamic Speaker Cone Replacements

Also Magnetics

Complete with Voice Coil and Spider

Cat. No. 7160

We carry in stock replacement cones with voice coils and spiders for most all makes of dynamic and many magnetic speakers. If the speaker you have is not on our list, send us your old cone with name of speaker and we will replace it at the same price we charge for a similar type cone listed below.

FIELD COILS For Dynamic Speakers

The field coils listed below are exact duplicates of the original. Where possible and where space permits the wire is of a heavier size to prevent the coil from burning out again. These coils can also be used to change the field resistance of a dynamic speaker you may now have on hand to conform with any circuit requirement. Dimensions of any field coil listed will be sent to you on request. **Cat. No. 7140**

CONES

SET or SPEAKER	Size O.D. Inches	Your Cost
A.K. No. 15142.43-46-55-60-66-67-64-65	10¾	$1.60
A.K. Pt. No. 14374.-43-46-55-60-65-66-67-64	10¾	1.60
A.P. Pt. No. 19465.80-82-84-558-627-87-90-92, Early Models 83-85	8¾	1.30
A.K. Pt. No. 18081 H2-L-F-P-H	10¾	1.60
A.K. Pt. No. 20737 77-88-89-94-96-469, Late models 83-85	10¾	1.55
Baldwin 3 pt spider	9	1.70
Bosch 48-58	9¾	1.55
Bosch 20-31	9¾	1.55
Bosch 5-5A	6	1.55
Brunswick 10, D	8	1.30
Brunswick D	9	1.30
Brunswick D	12	1.60
Bruns. 11-12-15-16-18-33	12	1.60
Brunswick E	9	1.35
Brunswick E—for Models 17-24-25	12	1.60
Bruns. B-S81-S82-81-82-14-21-31-S14-S21-S31	12	1.60
Colonial 33-LL 18	12¼	1.60
Crosley M15, 262, 42S, 40S, 62S	9	1.35
Crosley 124-125	8	1.30
Crosley Isodyne	8¾	1.65
Decatur	9½	1.60
Earl Ind. Dyn.	10	.80
Earl	10	1.95
Echophone	8½	1.30
Edison R4-5-7-8	11¼	1.55
Erla 224-D13	9	1.40
Eveready, Model 50	10	1.60
Eveready	12¼	1.65
Fada 9D-9S	9	1.75
Fada (deep) (shallow)	8¾	2.00
Fada (deep) (shallow)	10½	2.10
Fada 10D-10M-10S	10	1.95
Farrand	8	1.35
Farrand	12	1.60
Farrand	7	1.55
Farrand Ind. Dyn.	11	1.10
Farrand	12¼	2.00
Freed E. NR 80-95	10	1.75
Gen. Elec. 21-51-120-S22	10¼	1.50
Grebe SK4	11¼	1.35
Hammarl. HiQ 31-50	10¼	1.60
Jackson Bell—Peter Pan	6½	1.30
Jackson Bell, Model60-62	8	1.35
Jensen D4-D5	9½	1.55
Jensen D7-D9-D8	11¼	1.55
Jensen D11	8½	1.25
Jensen D15-D16	8¾	1.25
Jensen Audit.	13	2.65
Jensen J1-J2	6½	1.25
Jensen D9-D15 3pt spider	8½	1.25
Jensen D9-D15-3pt spider	11	1.55
Kennedy State Model	9¼	1.35
Kolster K43-K44-K23-K24	11½	1.75
Kolster K90	12	1.75
Lyric Model D-9	10¼	1.35
Magnavox	6	1.25
Magnavox D7-D8	9	1.55
Magnavox, Old Model	11½	1.60
Magnavox 130-138	8½	1.35
Magnavox 142 (140 series)	9½	1.55
Magnavox 143 (140 series)	11¼	1.60
Magnavox 144 (140 series)	7½	1.30
Magnavox 9900	9	1.50
Magnavox 9900	12¼	2.00
Magnavox deep	12¼	2.00
Majestic G1-G2	9	1.15
Maj. G3-G4-G6-G7	10	1.30
Majestic G8	14	2.00
Maj. G5-G8-G9-G13-G19	12	1.55
Majestic G10	7½	1.15
Majestic G11	10	1.30
Maj. G21-G14	10	1.55
Maj. G20-G22-G30	12	1.30

CONES

SET or SPEAKER	Size O.D. Inches	Your Cost
Majestic G-J-16B	8	1.30
Muter	10	1.55
Newcomb-Hawley NH9	9	1.55
Oxford 2 pt. spider	8¼	1.30
Oxford—2&3 pt spider	10	1.35
Oxford 3 pt spider	12	1.60
Oxford 28-29-43-44-45-48-49-54-56-90-94-60-102-119-122-126	9	1.35
Oxford 22-23-31-32-33-40-41-53-36-37-55-59-91-95-103-107-119-123-127	11½	1.60
Oxford 76-87-120-121-140-141-142-143-144-145-146-147	16½	2.25
Peerless (copper coil)	8½	1.35
Peerless (copper coil)	10¾	1.65
Peerless (copper coil)	12	1.70
Peerless (copper coil)	14½	2.15
Peerless wire wound	8½	1.35
Peerless wire wound	10¾	1.35
Peerless wire wound	14½	2.00
Rola	6	1.20
Rola F5-F6-F8	6¼	1.25
Rola (Old Model) J10	7½	1.30
Rola Series F	8	1.30
Rola Series J (Old Model)	9½	1.35
Rola K9	11	1.35
Rola Series K	9	1.35
RCA 104-105	8	1.35
RCA 106-46-80	10¼	1.35
RCA 48-R7-R7A-R8-R10-R11-R12-R15-R18-R20-R19-RE23	10	1.35
RCA R7	7½	1.30
RCA 4-6-8-14-1[illegible]-34-36-47-48-57	10¼	1.50
RCA Photophone	15	1.69
Silver Marshall No. 35A	11¼	1.55
Steinite, All models	10	1.55
Stewart Warner 950 series	9	1.45
Stewart Warner 104A	8	1.50
Stewart Warner 200A	9	[illegible]
Stewart Warner 445A	10	1.[illegible]
Stromberg-Carlson	12¼	1.75
Strom.-Carl. magn.	14	1.50
Symington	10	1.35
Symington LL18	12¼	1.60
Temple	9	1.35
Temple Auditorium	14	2.05
U. S. Apex Glori. 26-27	8½	1.30
U.S. Apex Glori. 10	10	1.55
Utah A100	9	1.30
Utah Stadium 66A	12	1.60
Victor RE 32-45-57-75-52	9	.79
Victor 57-34-35	10¼	1.45
Victor 9-16	8	1.35
West'house WR10-WR15	10½	1.55
Wright de Coster 155	6	1.25
Wright de Coster	8½	1.50
Wright de Coster	10	1.55
Wright de Coster 107-207	12	1.60
Zenith 52-72-50-LL18	12¼	1.60
Zenith 92	11¼	1.55
Zenith 103	12	1.50

FIELD COILS

NAME and MODEL	Resist. Ohms	Your Cost
Apex Glori. LGT49-95	11500	$1.90
A.K. 53-55-65	650	2.80
A.K. 53-55-65	1700	3.15
Airline 8" tapped	1800	2.40
Baldwin	2250	2.95
Bosch	2000	2.80
Colonial 31-32	400	2.90
Colonial 33 AC	6000	2.85
Colonial 33 AC	2500	2.50
Crosley M45	1500	2.80
Crosley M45	2500	3.15
Crosley Buddy Boy	10000	2.35
Decatur	2500	3.10
Eveready 10 & 12	2250	2.60
Farrand 8" 12"	2500	2.10
Farrand 8" 12"	550	2.10
Jackson Bell	1250	1.50
Jensen D4-D5	2250	2.60
Jensen D7-D8	1500	2.60
Jensen D7-D8	2500	3.85
Jensen D9-D15	550	2.10
Jensen D9-D15	1000	2.10
Jensen D9-D15	1650	2.10
Jensen D9-D15	1800	2.10
Jensen D9-D15	2500	1.65
Jensen D12	2300	1.50
Jensen D9-AC	3000	4.65
Jensen D16	1000	1.40
Lyric 9	5000	2.90
Magnavox 9" med.	2500	2.45
Magnavox 9" med.	7500	3.70
Magnavox Early	2250	3.15
Magnavox 138	2500	1.75
Magnavox 154	2500	1.55
Magnavox 150	4000	1.55
Magnavox 12"	2500	3.45
Majestic G1-G2-G3	2730	3.60
Majestic G5	1000	1.85
Majestic G9	1250	3.60
Majestic G11C	1430	1.85
Majestic G10B	1750	1.80
Majestic G10D	1650	1.75
Newc.-Hawley	2500	2.60
Newc.-Hawley	7500	3.40
Oxford midget	1000	1.65
Oxford midget	2500	1.65
Oxford medium	1000	2.40
Oxford medium	2500	2.45
Oxford medium	4000	2.95
Oxford Audit.	1000	4.80
Oxford Audit.	4000	4.80
Oxford Audit.	2500	4.80
Peerless 8½-10¾	1500	3.85
Peerless 12-14½	1000	5.75
Philco 20 Model K	3300	1.50
Philco 87 Model H	2500	2.95
RCA 57	1200	1.80
RCA 106	550	1.95
RCA 106	6000	2.60
RCA 66	7000	1.80
RCA 46	2500	1.55
RCA Photophone	6	4.95
RCA Photophone	1000	5.85
Radiola 80	1250	2.35
Rola C	1500	2.40
Rola F or K	1200	1.50
Rola F or K	1500	1.70
Rola F or K	1800	1.60
Rola F or K	2500	1.65
Rola F or K	6000	1.75
Rola L	2500	1.95
Silver Marsh. 30 (Rola)	2500	3.50
Sparton 737	2500	2.50
Sparton 737	7500	3.40
Stewart Warner 950	10000	3.95
Stromberg Carlson	2500	2.20
Stromberg Carlson	7500	2.90
Symington 10-12½ AC	2500	2.15
Temple (all models)	2250	3.10
Utah Isodyne	2500	2.95
Utah Isodyne	7500	3.00
Utah 9" A100	2250	3.00
Victor 32-45-75	3000	2.75
West'house WR5-6-7	1250	2.35
West'house WR8	1330	2.35
Zenith 52	2500	3.10

Speaker Repair Kit

This kit consists of a bottle of transparent cement and a bottle of "thinner." Just the thing for repairing **torn or bruised cones,** anchoring **loose voice coil wires,** etc.

Cat. No. 1777
Price of complete kit **45¢**

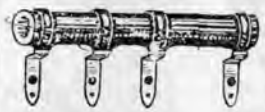
Replacement Volume Controls

The controls listed below are special replacement volume controls built and designed exactly as the original, with the exact resistance and taper, special shafts, fittings and equipped with a power switch where the original control so specifies. These controls are made where possible by the same companies that supplied the set manufacturers. Among them: Frost, Electrad, Clarostat, Centralab, Wirt, Carter, Yaxley, C.T.S. and etc.

Any single control not listed, are regular standard controls as listed on page 14. All these regular standard controls are 38c each and 15c extra for snap on power switch. If you do not know the exact size control you need, let us know the name and model set and we will see that you get the correct volume control.

Manufacturer's Model	Price
A. C. DAYTON CO.	
Navigator	$1.20
ALL AMERICAN MOHAWK CO.	
B7	2.00
11-D, 19-D, 29-D, 34-D, 19-H, 29-H 34-H	2.00
Hohawk 1 Dial, Lyric 60, 61, 62, 65, 66, 80, 83, 84, 85, 88	.63
Lyric D	1.63
Lyric S-80	.98
AMERICAN BOSCH MAGNETO	
28, 29	.88
5-A, 205	1.00
58, 62	.63
40	1.00
5, 7A, 20, 20J, 20K, 20L, 31, 32, 6, 73, 133, 135, 74	.88
100 (Auto Radio)	.63
48AC, 54DC	1.38
48, 49	1.03
ANDREA, F. A. D. (FADA)	
472UA, CA, 45/72, 10, 11, 31, 10Z 11Z, 30Z, 31Z, 50, 70, 71, 72	.63
262, 265UA, CA, RP65UA, RP62, UA, CA, 7AC, 475	.63
16, 17, 32, 16Z, 32Z, 18DC 1653, AB	.63
20, 20Z, 25, 25Z, 15M, 15MZ 35, 35Z	.63
475-A, 471	.88
75, 77	.90
(KO) 51	.72
(KW) 48, 49	1.02
(KW) 48, 49 Flash	.62
(KU), KOC) 53, 57, 45	1.00
RC Chassis used in 78, 79 Receivers	1.25
ATWATER KENT	
F, P, L1, L2	2.00
55	1.50
H	1.75
82	.63
80, 80F, 83, 83F	.88
84, 84F	1.13
86, 86F	1.13
85Q, 85	.63
37, 38, 40, 42, 43, 44, 52 (Strip-	.38
55, 60, 66 (Strip)	.38
BRANDES—See Kolster Radio Corp.	
BREMER-TULLY MANUFACTURING CO.	
81, 82	1.00
BRUNSWICK BALKE-COLLENDER CO.	
P. R 17-8, B17	.75
2KR, 5KR, 2KRO, 5KRO, 3KR8, 5KR6	.75
3NC8, 3NW8, 5NC8	.75
S14, S21, S31, S81, S82	1.25
11, 12, 16, 33	.75
Panatrope (Phono-volume control)	.75
BULOVA CLOCK (WATCH)	
M-501	1.05
M-701	.75
C-751	1.00
COLONIAL RADIO CORP.	
Model No. 2	1.00
32 A. C., 32 D. C.	1.25
COLUMBIA RADIO	
Model SG-8	1.13
32, 34	.98
31, 33	1.05
CROSLEY RADIO CORP.	
608, 609, 1-11/16" Shaft	.63
804 (Short Shaft)	.63
82S, 40S, 41S, 42S, 45S	.63
610 (Female Shaft)	.75
Early 706 (Long Shaft)	.75
59	.75
41, 41A, 42, 705, 706, (Long (Shaft)	.75
602, 704, 704A, 704B, (Short) Shaft)	.63
124	1.05
124 (Tone Control)	.75
53, 54, 57	.75
EARL RADIO CORP.	
21DC, 22DC, 24DC, 31DC, 32, SDC, 21AC, 22AC	1.25
EDISON CORP., THOMAS A.	
SC, C1, C2, E-175, R1, R2	.63
Abbey	.63
Model R1, R2, R3, (Front unit Regeneration Control)	.75
ELECTRICAL RESEARCH LABORATORIES (Erla)	
210, 225, 271, 271A	1.50
FADA—See Andrea, F.A.D.	
FREED-EISEMAN RADIO CORP.	
NR-55, AC & DC, NR-56	1.25
FRESHMAN	
31, 32, 33	1.38
Model M. and N.	1.35
GENERAL ELECTRIC CO.	
H-71, H-51, H-31, H51R, H-71R	.75
H-32	.63
T-12	.63
K-62, S132	.63
GENERAL MOTORS RADIO CORP.	
Chassis S1A, S1B, 216, 219, 250	1.00
Chassis S2A, S2B, S3A, S3B, Models 251, 252, 253, 254, 255, 256, 257, 258	1.00
Chassis S4A, S4B	1.00
Chassis S4A, S4B, Models 252, 253, 254, 255, 256, 257, 258 (Tone Control)	.63
Chassis S9A, S9B, Model 211 180, 190, (Tone Control)	.50
Chassis S10A, S10B, Model 220 A-120A	1.00
	2.00
GRAYBAR ELECTRIC CO.	
311	.75
600	1.50
700, 770, 900	.75
900 (Phono Volume Control)	.63
GREBE & COMPANY, A. H.	
SK-4AC	.63
GRIGSBY-GRUNOW CO.	
20, 21, 22, 23	.88
Majestic Chassis 15, Models Havenwood, Ellswood and Sherwood, Majestic Chassis 150, Model Castlewood. Phono Combination, 158	1.13
Majestic 60 Chassis	.63
Majestic 130 Chassis	.63
Majestic Chassis 150, Castlewood, Phono. Combination (Phono. Volume Control)	.63
Majestic 25 Chassis, Models Brentwood, Cheltenwood and Brucewood	1.13
Majestic 90, 9B, 100, 100B (Equalizer)	.75
Majestic 30 Chassis	.75
Majestic 100 Chassis, 180, 181	1.25
Majestic 50 Chassis	1.26
200	.63
200 (Tone Control)	1.00
210	.63
210 (Tone Control)	1.00
15 (Tone Control)	.63
120, 120B	1.25
HOWARD RADIO CO.	
Green Diamond 8, 210	.63
JESSE FRENCH & SONS	
Midget, Junior H-1	1.50
Junior Model G	1.50
KENNEDY CORP. COLIN B.	
Models 52, 52A	.75
Model 56	1.13
Model 62	.63
Model 52, 52A, 62 (Tone Control)	1.00
Model 56 (Tone Control)	.63
26	2.00
KOLSTER RADIO CORP.	
K-110, K-112, K-120, K-122 K-130, K-132, K-140, K-142, K-113, K-123, K-133, K-143	1.00
K-114	.63
LANG RADIO CO.	
BD5, BD6P, BA5P, BD5-DC	.75
MAJESTIC—See Grigsby-Grunow Co.	
MOHAWK—See All American Mohawk Co.	
PHILADELPHIA STORAGE BATTERY CO. (Philco)	
82, 5, 86, 87, 511, 521, 531, 541, 551, 561, 571, 581	.50
70, 70A, 90, 90A	1.25
Model 95	.63
Models 112, 112A, 112E, 212, 212A, 212E	.63
Models 20, 20A, 70, 70A, 270, 270A, 220	1.25
Models 50, 50A	1.25
Models 77, 77A, 20, 20A, 220, 200A, 21	1.03
Models 51, 51A, 551, 551A, 52, 52A	.90
R. C. A. VICTOR CO.	
Radio 16	.88
Radiola 17, 50, 41, 7-25, 7-54	.75
Radiola 18, 33, 51, 7--11, 7--26	.75
Radiola 44, 46, 47	.75
Radiola 60, 62	.75
Radiola 64, 67, 9-18, 9-54	.75
Radiola 64 (Sensitivity Control)	.75
Radiola 66	.75
Radiola 80, 82, 86, 35, 39, 51	.75
Radioa R-5, R5X	.63
Radiola Superette. R7A	.75
Radiola R-11, Superette Model B, R8, R12, R10, RE18, R21, RAE26	.63
Radiola Superette (Tone Control)	.63
Radiola RAE-59, RAE-79, R50, R55, RE28	.63
Radiola RAE26, R11, (Tone Control)	1.00
Radiola RAE26, RE18, 80 Series, (Phono. Vol. Control)	.63
Radiola 42	2.00
R-32, RE45, RE52, RE75	.76
R-15, 48, 92	2.00
R-14	2.00
RE-35, RE-39, 57	2.00
RE-59 (Phono Vol. Control)	.88
SONORA PHONOGRAPH CO.	
3R, 4R, 2RP, 25	.63
SPARKS-WITHINGTON (Sparton)	
5, 9	1.00
10	1.00
15	1.00
25, 26	1.00
110AC, 301, 101, 103, 109, 589, 930, 931, 79A, 69, 591, 593	.63
570, 740, 750, 564, 600, 610, 620, 737, 574, 870, 111A, 89A 410, 420 (Junior, Jewell), 600A, 620A, 610A	.63
AR-19 (Auto Radio)	1.50
STEWART-WARNER CORP.	.75
950AC, R100A, R100B, R100E, R101A, R101B	.63
STROMBERG-CARLSON TELEPHONE MFG. CO.	
635, 636, 638 (Short Shaft)	.63
(Double Shaft)	.50
846, 848 (Double Shaft)	.63
(Long Shaft)	.63
641, 642, 652, 654 (Long Shaft)	.63
(Double Shaft)	.50
Models 10, 11, 16, 17, 25-26	.88
Models 19, 20, 21	.63
Models 12, 14	.88
Model 37	1.25
Models 38, 39, 40	1.50
TEMPLE CORP.	
6-61, 8-81, 8	1.25
WESTINGHOUSE ELECTRIC	
WR-5, WR-6, WR--7, WR-8	.75
WR-10, W-10A	.75
WR-14	.63
WR-15	.63
WR-4	2.00
ZENITH RADIO CORP.	
52, 53, 54, 60, 61, 62, 64, 67	.88
70	1.50

REPLACEMENT VOLTAGE DIVIDERS



The voltage dividers are so made as to eliminate the weak points which have shown up in the original units. As far as possible the original dimensions have been adhered to. In ordering replacement units, give the set model number, tubes used, and a rough sketch showing dimensions and positions of taps. Dividers not listed can be supplied if you give the data requested above. These resistors carry the R. M. A. guarantee. Special dividers and resistors can be supplied on order.

Set & Model	Total Ohms	Tapped At	Our Price
Amrad A.C. 7	4080	2175-1555-350	$0.69
70	8600	5000-3600	.66
82	2475	475-300-1000-700	.69
Apex 8	4450	500-1000-1200-600-600 550	.84
27	23800	10700-8400-4700	.73
48	2970	70-2200-700	.63
Argus B.195	5505	4000-0-460-700-0-65-280	1.56
Balkite 180B.	10800	6000-3000-1800	.81
Bosch 48	4400	950-1450-2000	.66
49	4400	1950-800-1650	.75
54	20		.66
58	5130	950-180-1950-2050	.78
62	4250	1400-2600-250	.78
260R	7480	3700-2270-1510	.75
Brandes B.10	8540	5600-0-1000-140-1800	.78
B.16	2955	2500-45-410	.75
Bremer-Tully 640	16720	3000-560-6500-5000-1660	.84
820	13400	4900-5500-3000	.75
Brunswick DC	60	30-30	2.01
PR8-B17	9100	1900-200-2500-4000-2500	.78
5KR7-3KR-2KR	3940	1600-1900-440	.78
3NC8-5NC8	1290	400-350-350-190	.81
3NW8	7980	2200-300-4000-1280	.78
3NW8	3040	1500-1000-250-130-160	.78
P.14	10700	300-100-700-2600-7000	.72
Colonial 28 A.C.	7200	1000-4000-2200	.75
28 A.C.	15500	8500-7000	.75
28 A.C.	125000	50000-50000-25000	.90
31 A.C..	111000	37000-37000-37000	75.
31 D.C.	60	Large, filament resistor	1.65
32 D.C.	34.9		1.38
33 A.C.	121000	60000-50000-11000	.90
36 D.C.	176	4-36-136	1.02
Col. Kolster 300	2640	2000-140-500	.75
500	2650	2100-120-430	.75
920	2060	1650-410	.66
931	9055	6000-2200-135-700	.81
940	2955	2500-45-410	.75
950	13110	9000-3200-140-70-700	.78
950	50000	30000-20000	.84
961C5	8050	7200-60-90-700	.78
Crosley 704	5000	1525-3475	.57
	140	95-45	.57
D.C. Resistor	360	45-315	.45
Day-Fan	8100	1000-3700-2050-100-50-1200	1.29
Earl 31-32	4750	4000-0-750	.78
	5000		.75
Edison R1	1500	750-750	.42
R2	12500		.78
Fada 18 D.C.	250	10-200-40	.75
Federal E	2685	135-2000-200-350	2.05
Freed 95S	4750	4000-0-750	.78
	5000		.75
Freed Eiseman NR60	6350	2000-350--0-4000	.84
NR80	3750	2000-1750	.75
NR80	4350	4000-0-350	.78
NR85	2350	2000-350	.66
NR85	4250	1900-2000-0-350	.81
Freshman G	10950	300-1250-4300-3000-2100	.78
G60S	11300	1800-4500-3000-2000	.78
N	18100	2200-6600-3300-4500 1500	.78
General Motors	5187	806-59-1863-2060-465	.78
	18530	1400-3500-5800-7000-180-650	.84
251	19300	4800-7600-6900	.66
Golden Leutz	41000	9000-3500-4000-4500-11000-9000	1.38
Grebe S.K.4	2930	677-2200-62	.78
A.C. 6	2500		.42
A.C. 6	7090	6300-95-695	.78
A. C. 6	9450	5900-2800-750	.78
Howard 135 A.C.	29600	1600-12000-16000	.78
Kennedy 20B	4250	2000-1500-750	.75
32	5750	2800-400-1800-750	.78
Kolster 6H	6440	940-5000-500	.75
6J	7120	3000-3000--220-900	.78
21K	1115	90-125-900	.75
22K	7120	3000-3000-220-60-840	.78
24K	7835	3400-3800-55-80-140-360	.72
42K	3580	840-140-2600	.75
43K	2980	1600-1000-380	.78
44K	2650	1450-650-200-350	.81
90K	16250	6000-7000-3000-250	.78
250K	8650	7800-60-90-700	.66
Lang D.C.	233	30-27-27-27-27-15-80	.84
Majestic 20	12650	0-150-800-0-7500-4200	1.11
30	10461	2350-3800-3460-0-101-750	1.11
60	12700	6500-0-4300-600-0-500-800	1.11
200	13790	7000-3500-3000-110-180	.78
Norden Hahck	775		.42
	6000		.48
	14000	6500-6000-1500	.84
Peerless K70	19000	2500-8000-8500	.84
Philco 20	5107	1400-187-75-0-2470-975	.78
30, 76, 77, 77A	1050	250-800	.42
70	3610	180-70-0-2300-1060	.78
86	4750	2100-1000-150-1500	.78
87	4582	3785-157-0-640	.78
511	20700	12500-5500-0-300-2400	.84
R.C.A. 17	9100	1900-200-2500-4000-500	.78
18	3940	1600-1900-440	.78
28	2800	2000-300-500	.78
30A	6700	3000-2000-300-500-900	.78
41	25300	12300-8000-5000	.78
42-48	4865	3200-830-120-715	.75
44-46	2560	500-0-1460-540-0-60	.78
44-46	8400	2800-900-3600-1100	.78
46-47	2080	1460-540-0-80	.78
60-62	1290	400-350-350-190	.81
64	3040	1500-1000-250-130-160	.78
64	7780	1280-4000-300-2200	.78
64-67	4470	310-3850-310	.60
67	4030	2400-960-240-115-215 100	.81
67	8335	1435-3400-300-3200	.78
Silver Marshall 651	9720	3800-4200-730-990	.78
Simplex	1390	430-210-750	.48
Sonora B.31	6950	750-1200-1500-3500	.75
Sparton 301	7000		.48
Splitdorf	1500	750-750	.42
	13200	650-150-4500-5400-2500	.84
Splitdorf 171	11650	2000-3500-4000-150-2000	.81
Splitdorf Abbey	11500	2500-3000-3000-3000	.78
Splitdorf Abbey	13500	2500-3000-3000-3000-2000	.84
Steinite 40	20200	1190-4370-11740-3000	.90
50-102	25827	8100-11750-5200-827	.84
70	22440	10000-10000-2440	.84
991	2500	1000-1000-250-0-250	.75
Sterling 41	5350	4000-450-900	.78
41	29000	20000-9000	.78
Stewart Warner 950	3250	850-2400	.57
	15500	10000-5500	.75
Stromberg Carlson			
10-11	4500	400-100-4000	.84
10-11	10000	4750-3250-2000	.84
403A.A.	5500	3000-2500	.78
523	3770	3000-70-700	.81
523	5500	3000-2500	.78
635	9250	2500-3000-3000-770	.78
638 D.C.	10		.84
638 D.C.	12		.84
638 D. C.	30		.84
638 D. C.	200		.84
638	9000	2500-6000-500	.69
641-651	19300	7800-4500-3000-4000	.84
642	9750	1450-4000-3000-1300	.78
642	11000	7800-3200	.69
Temple 7-60	21400	8000-1600-8000-4000	.84
8-60	6850	900-5200-750	.78
Thordarson R171	13000	2000-3000-3000-3000-2000	.84
Victor R925	3400	1400-2000	.66
R32	4325	3350-200-775	.90
R32, 45, 52 & 75	4325	2000-1350-200-775	.90
Zaney Gill Vitatone			
54	18450	2100-7500-7500-1350	.78
Zenith 10	24500	6000-7500-8500-2500	.81
10 Power Pack	22700	12000-5200-5500	.84
11	7200	3200-1200-1200-1600	.81
12	7500	1000-3500-1000-2000	.84
18	35300	13000-11000-9500-1800	.93
50	6000	850-2350-2800	.78

CABLES, CORDS AND BELTS

WE CARRY A COMPLETE LINE FOR ALL STANDARD RECEIVERS

These Dial Cables and Belts are made in accordance with the radio set manufacturers' specifications and we guarantee them to work properly.

Cat. No. 1064

Make of Set	Model	Type	Dealers' Price
Amrad	84	Belts: (2)	$ .17
Amrad	70-81	Drive Cable	.19
Atwater Kent	30	Belts: (2)	.17
Atwater Kent	55	Belts: (2)	.17
Atwater Kent	35, 37	Belts: (3)	.19
Atwater Kent	44	Belts: (3)	.32
Atwater Kent	60, 61	Belts: (3)	.32
Atwater Kent	36, 46	Belts: (2)	.20
Atwater Kent	52	Belts: (2)	.22
Balkeit	All Models	Drive Cable	.21
Bosch	48A	Drive Cable	.19
Bosch	58A	Drive Cable	.19
Bosch	58, 60	Drive Cable	.19
Bosch	28	Drive Cable	.19
Bremer Tully	14, 21, 31	Cord & Lugs	.13
Brunswick	14, 21, 31	Cord & Lugs	.13
Brunswick	15, 22, 27	Front or Rear	.33
Buckingham	All Models	Drive Cable	.25
Colonial	31, 32	Belt, Spring, etc.	.26
Colonial	33, 34, 35, 37	Drive Cables: (2)	.38
Columbia	All Models	Drive Cables: (2)	.38
Crosley	40S, 60S, 804	Drive Cable	.24
Crosley	601, 602, 607	Belt, Spring, etc.	.24
Edison	All Models	Drive Cable	.26
Emerson	All Models	Drive Cable	.32
Eveready	All Models	Drive Cable	.19
First National	All Models	Drive Cable	.34
Freed Eisemann	NR60	Belt	.25
Freshman	2	Drive Cable	.34
General Motors	All Mod.	Drive Cable	.26
Grebe SK4		Cord & Beads	.19
Kellogg	All Models	Drive Cables: (2)	.39
Kolster	K45	Heavy Cord & Beads	.19
Kolster	43, 44	Drive Cable	.39
Majestic	70, 71, 72	Exact Cable — 42 Strand	.23
Majestic	52, 60	Linen Cord	.14
Peerless	All Models	Drive Cable	.20
Philco	All Models	Drive Cables: (2)	.56
Philco	15, 71, 91, 111	Linen Cord	.16
R.C.A.	16, 17, 18	Drive Cable	.22
R.C.A.	46, 47	Drive Cable	.22
R.C.A.	16, 17, 18, 33	Linen Cord	.04
R.C.A.	64, 67	Very Heavy Cable	.98
R.C.A.	42	Linen Cord	.22
R.C.A.	48	Linen Cord	.22
R.C.A. Victor	R-14, R-15, R-17	Linen Cord	.22
Sonora	All Models	Drive Cable	.27
Silver Marshal	All Mod.	Linen Cord	.22
Sparton	All Models	Drive Cable	.24
Steinite	All Models	Drive Cable	.24
Temple	All Models	Drive Cables: (2)	.39
Westinghouse	W R 4	Linen Cord	.22
Zenith (201A & Raytheon tubes)	17	Special Long Belt	.45

Battery Clips

Lead coated, positive spring contact. Will not corrode.

Pee-Wee Size (1½" long) 12 for 38c — **4¢ each**

Medium (2½" long) 12 for 69c — **6¢ each**

Giants (3" long) 12 for $1.00 — **9¢ each**

AIREX ADD-A-SWITCH CONTROLS

These Wire Wound Controls have been specially designed to fill the dealer's and serviceman's demand for reliable wire wound single controls which can be used either with or without switches as required. They eliminate the necessity of keeping on hand duplicate sets of controls, one set with switches and the other without them. By stocking these units, all that is necessary is to keep some switchless units and a few switch cover-plates on hand.

The plain dust-guard coverplate supplied can be pried off and a Cat. No. 3045 switch type dust-guard coverplate can be snapped in its place to convert the switchless unit into a switch unit.

Cat. No.	Size Ohms	Cat. No.	Size Ohms
3061	*10	3091	*7,500
3062	20	3054	10,000
3063	100	3073	*10,000
3064	200	3074	*12,000
3065	300	3075	15,000
3066	400	3076	*15,000
3067	600	3055	25,000
3068	800	3077	*25,000
3050	1,000	3078	*30,000
3069	1,500	3079	32,000
3051	2,000	3056	50,000
3052	3,000	3057	75,000
3070	4,000	3058	100,000†
3053	5,000	3059	250,000†
3072	*5,000	3060	500,000†

NOTE—Sizes marked with (*) are tapered.

Price 36¢

Price of Switchplate 15c †PRICE 41c

Above 75,000 ohms—These are Composition Types

Phosphor Bronze Drum Dial Cable

A 42 strand, hard drawn **phosphor bronze** dial cable. Approximately 1/16" thick, with a twist or braid so designed that it will not stretch, yet flexible enough to go around the smallest driving pulley without slipping. Used on 90% of the radio sets now on the market.

25 FOOT ROLL Cat. No. 7099 — **60¢**

50 FOOT SPOOL Cat. No. 7103 — **$1.10**

100 FOOT SPOOL Cat. No. 7104 — **$1.95**

CHEAPER GRADE—85c per 50 ft. spool

Electric Soldering Irons

These irons listed below are unconditionally guaranteed for a period of six months from date of sale, and we will either repair or replace any iron which should prove defective within that time. An iron for every possible purpose will be found listed here. They have long life nichrome elements, cool type handles, and removable tips.

50 watt light duty size, ea.
Cat. No. 1344
75 watt — **65¢**

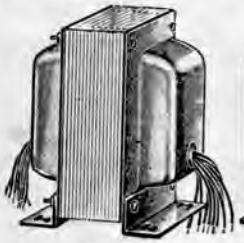
Medium duty size, ea.
Cat. No. 1343 — **$1.15**

Cat. No. 1340
75 watt heavy duty size — **$1.45**

Cat. No. 1339
100 watt heavy duty size — **$1.95**

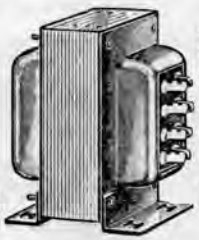
Cat. No. 1338
150 watt extra heavy duty size — **$3.75**

Universal Replacement Power Transformers



Type A Transformer

A fully shielded transformer, with color coded leads, 12" long.

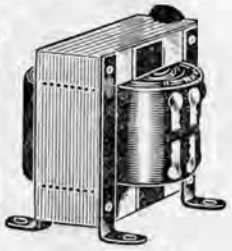


Type B Transformer

Comes with brackets for vertical mounting. Shielded. Terminals brought out to lugs on bakelite panel.

Type C Transformer

Popular universal type. May be mounted with equal facility on any one of its four faces. Heavy mounting brackets.



Type D Transformer

Simple strap-bracket type. Horizontal, elongated mounting holes. Heavy brackets.

Twenty eight transformers listed here for practically every tube combination. Constructed of high grade core iron, conservatively rated and carefully engineered to give proper voltages and reserve against overload and to conform to RMA standards. Each transformer comes packed in individual cartons with terminal layout to guard against any possibility of error. Guaranteed against defects. A transformer listed to take care of a given number of tubes will handle a smaller number equally well or better. When ordering, order by cataog number, **specifying type mounting.**

FOR 10 TUBE SETS
Cat. No. 1110

Supplies one 280; one 227; two 171-A; Six 226 tubes.
5 volts, 2 amps. C. T.
2½ volts, 1¾ omps. C.T.
5 volts, ½ amp. C. T.
1½ volts, 6.3 amps.
Size 3⅞x3⅛x3¾"
Plate, 600 V. 70 M.A., C.T.

Price A1110 — **$2.75**
Price B1110 — **2.20**
Price C1110 — **2.20**
Price D1110 — **2.09**

FOR 7 TUBE SETS
Cat. No. 1111

Supplies one 280; one 245 or 247; five 227, 224, or 235 tubes.
5 volts, 2 amps. C. T.
2½ volts, 1¾ amps. C. T.
2½ volts, 8¾ amps. C. T.
Plate, 700 V. 70 M.A., C.T.
Size, 3⅞x3⅛x3¾"

Price A1111 — **$2.47**
Price B1111 — **2.20**
Price C1111 — **2.20**
Price D1111 — **1.93**

FOR 10 TUBE SETS
Cat. No. 1112

Supplies one 280; two 245 or 247; seven 227; 224 or 235 tubes.
5 volts, 2 amps. C. T.
2½ volts, 3½ amps. C. T.
2½ volts, 12¼ amps. C. T.
Plate, 700 V. 70 M.A., C.T.
Size, 4½x3¾x4½"

Price A1112 — **$2.90**
Price B1112 — **2.60**
Price C1112 — **2.60**
Price D1112 — **2.47**

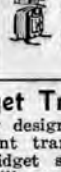
FOR 10 TUBE SETS
Cat. No. 1113

Supplies one 280; two 245 or 247; seven 227, 224 or 235 tubes.
5 volts, 2 amps. C. T.
2½ volts, 3½ amps. C. T.
2½ volts, 12¼ amps. C.T.
Plate 800 V. 110 M.A. C.T.
Size, 4½x3¾x4⅞"

Price A1113 — **$3.47**
Price B1113 — **3.30**
Price C1113 — **3.16**
Price D1113 — **3.03**

FOR 10 TUBE SETS
Cat. No. 1114

Supplies one 280; one 226; one 227; two 245; five 226 tubes.
5 volts, 2 amps. C. T.
1½ volts, 1.05 amps. C. T.
2½ volts, 1¾ amps. C. T.
2½ volts, 3 amps. C. T.
1½ volts, 5¼ amps. C. T.
Plate 800 V. 110 M.A. C.T.
Size, 4½x3¾x4¾"



Price A1114 — **$3.25**
Price B1114 — **3.03**
Price C1114 — **2.75**
Price D1114 — **2.64**

FOR 8 TUBE SETS
Cat. No. 1116

Supplies one 280; two 245 or 247; five 227, 224 or 235 tubes.
5 volts, 2 amps. C. T.
2½ volts, 3½ amps., C. T.
2½ volts, 8¾ amps. C. T.
Plate 700 V. 90 M.A., C.T.
Size, 4⅞x3⅛x4"

Price A1116 — **$2.64**
Price B1116 — **2.35**
Price C1116 — **2.35**
Price D1116 — **2.05**

FOR 8 TUBE SETS
Cat. No. 1117

Supplies one 280; two 171-A; six 227, 224 or 235 tubes.
5 volts, 2 amps. C. T.
5 volts, 2½ amp. C. T.
2½ volts, 10½ amps. C.T.
Plate, 600 V. 80 M.A., C.T.
Size, 3¾x3⅛x4"

Price A1117 — **$2.52**
Price B1117 — **2.20**
Price C1117 — **2.20**
Price D1117 — **2.09**

Four Tube Midget Transformer

Especially designed for use as a replacement transformer in last year's midget sets. This transformer will supply 5¼ amps. at 2½ volts center tapped, one 5 volt winding for the 280 rectifier and high voltage, center tapper, suitable for a 45 or 47 tube. Electrostatically shielded. Overall dimensions—2¼" high, 2¾" long, 2⅜" wide. Distance between mounting holes 3⅛". Long leads. Diagram supplied.

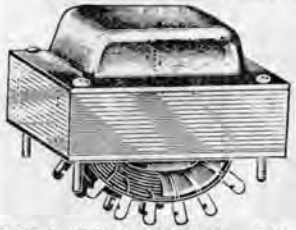
Cat. No. 3183
PRICE — **95¢**

Tube Tester Filament Transformer

For replacement in old tube testers, etc., to provide all the filament voltages for all tubes. Long color coded flexible leads. Primary tapped at 105, 115 and 120 volts. Secondary tapped at 1½, 2, 2½, 3.3, 5, 6.3, 7½, 15, 25, and 30 volts. Compact takes up very little room.

Cat. No. 3184
PRICE — **$1.65**

Half Shell, Flat Mount, Replacement Power Transformers



A complete line, from the four tube midget set, to the twelve tube super. All transformers listed below are for 2½ volt tubes and 280 rectifier.

Compact and correctly designed to give maximum power output without over-heating. It is mounted by cutting a hole in the chassis, permitting the coil to extend under the chassis. Can also be mounted without cutting by using metal tubing or bushings to raise transformer above the chassis. Individually boxed, and detailed wiring diagram included.

FOR 5 TUBES OR LESS

Primary 115 volts, 50-60 cycles. Secondary windings are 550 volts, 35 M.A. center tapped; 2½ volts 5.5 amps center tapped; 5 volts, 2 amps. Size 3¾"x3⅛". Mounting holes 2⅝"x3⅛".

Cat. No. 3163
PRICE ..... **99¢**

FOR 5 TO 6 TUBES

Primary 115 volts, 50-60 cycles. Secondary windings are 650 volts, 45 M. A. center tapped; 2½ volts, 7 amps center tapped; 5 volts, 2 amps center tapped. Overall dimensions 2¾"x3⅜"x1¾" above panel. Mounting centers 2 13/16"x2¼".

Cat. No. 3164
PRICE **$1.24**

FOR 6 TO 8 TUBES

Primary 115 volts, 50-60 cycles. Secondary windings are 700 volts, 70 M. A. center tapped; 2½ volts, 10½ amperes center tapped; 5 volts, 2 amps center tapved. Overall dimensions 3¾"x3⅛"x2¼" above panel. Mounting centers 3⅛"x2½".

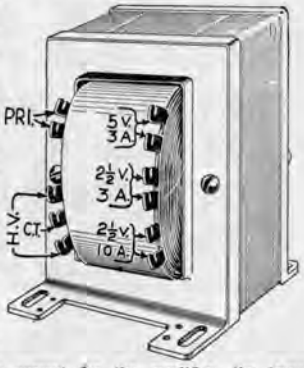
Cat. No. 3166
PRICE **$1.69**

FOR 7 TO 10 TUBES

With 2-2½ volt windings
Primary 115 volts, 50-60 cycles. Secondary windings are 700 volts, 90 M. A. center tapped; 2½ volt winding at 8¾ amps; one 2½ volt winding at 3½ amps; and a 5 volts at 2 amps. winding. Overall dimensions are 4⅛"x3 7/16"x2½" above the panel. Mounting centers 3 7/16"x2¾".

Cat. No. 3167
PRICE **$2.15**

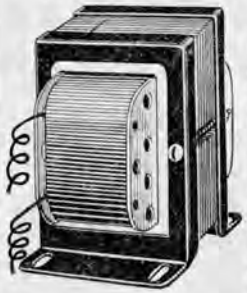
Class "B" Power Transformer



Made by G.T.C.
This transformer is designed to supply the proper voltages to a class "B" amplifier with a rated output of 25 watts. Will supply proper voltages to operate a 3 stage Push-pull amplifier using a 57 input stage feeding a 59 driver stage working into a twin push 59 output stage. Designed for use with a 83 mercury vapor rectifier.
The high voltage is 840 volts center tapped at 150 mils.
Besides supplying current for the amplifier, the transformer will also supply current for an additional six type '58, '56, '35, '27 or '24 tubes. Overall dimensions 4¾" x 4" x 3½". Mounting center distances 3¼" x 3". Flanged pressed steel mounting brackets.
Worth $7.20. We bought them from a manufacturer who had an excess of them after completing a large order.

Cat. No. 2629 **$2.75**

Thordarson Large Filter Chokes



30 Henry, 125 Mils.

2½"x2⅜"x3⅜" high
A heavy duty filter power choke suitable for use in the power pack of large sets, P. A. amplifiers, etc., using 5Z3, 82, 83, 866, 80M, or 81 rectifiers. Low resistance (250 ohms) assures small voltage drop and good regulation. Will easily carry 125 mils. Weight 2⅛ pounds. Made to sell for $2.00, but we purchased 1000 of them from a company that has turned to the manufacture of the cheaper type set. Our price to you is ..... **38¢**
3 for $1.00

Pilot Shielded Audio Transformer

Ratio 3½:1 Number 413

Built to satisfy the demands of home-builders for a quality audio transformer, reproduces with the utmost fidelity both voice and music. Its small size (only 3"x 2¾"x2¼" high) makes it the ideal replacement unit for any set. Thoroughly impregnated coil assures its long life under tropical and other adverse climatic conditions.

Cat. No. 1234 **75¢ each**

Amertran Heavy Duty Power Trans.

For 105-125 Volt, 50-60 Cycle

Highest quality transformer obtainable for the better grade sets using—
Five 224, 235 or '27 tubes
Two 245, 46, 247 tubes
One 280 tube
High B & C voltage for the power tubes.
Has electrostatic shield and a tapped primary (105, 115 and 125 volts).
Comes unmounted with long wire leads having identification tags attached.
Do your own repairing of burned out CASED transformers. Replace them with this better transformer—note dimensions; 4⅜"x5"x3 5/16" high.
The primary is tapped at 105, 115 and 125 volts. 700 volts high secondary center tapped, THREE 2½ VOLT WINDING, 2½ volts, 3 amp. center tapped, 2½ volts at 7 amps and 2½ volts at 1¾ amps. and a 5 volt, 2 amp. winding. Complete with diagram. Cat. No. 2414
PRICE **$1.75**

Stromberg-Carlson Heavy Duty, Filter Chokes

An Ideal "Key Click" Choker

For Television and "Ham" transmitters — plate, grid filament. Decoupling filters, key filters, etc.
Serves also as limiting reactor or voltage dropping resistor.

Cheaper than a resistor

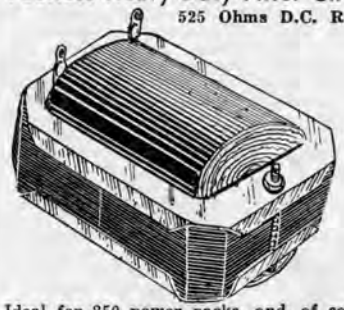
For D.C. sets using low filament drain tubes such as the 30 series, 70 series, 226's, '99's, 201A's, etc.
NOTE: Use these to Electrify those battery sets on 110 V. D. C. FARM LIGHTING SYSTEMS and to Eliminate filament Batteries on 32 volt systems by Filtering the line supply to the tubes in Series.
For Series Filament A. C. Packs. Net weight, 17 lbs.

Cat. No. 2401
7½ Henrys, 350 mils, 20 ohms resistance. Inductance much higher at smaller currents.

Price 69c

Peerless Heavy Duty Filter Chokes

525 Ohms D.C. Resist.



Ideal for 250 power packs, and, of course, 171, 247 and 245 types as well. Rated conservatively at 30 henries, 150 mils. Size: 3¾ in. x 3½ in. x 2¼ in. Massive. Weight, 4 lbs. Core, 1½ in. thick. Large coil.

Cat. No. 2405 **49c**

Stromberg-Carlson Steel Jacketed Double Filter Choke

Cat. No. 2403
Two Choke Unit, 30 Henrys each will pass 125 mils. 1000 volt insulation.

Price 89c

Exceptionally well designed — practically Laboratory Standards. Core material of the finest high permeability alloy, windings thoroughly pitch-impregnated. Conservatively rated—capable of operating at large overloads. No hum due to modulation by lamination vibration possible, as is only too common in the average inferior choke.
For De Luxe heavy-drain Power Packs or Hi-Voltage "B" supplies—Wherever Perfect, Hum-free Filtration is especially needed. For Transmitting Modulation, Filtration and Coupling. For Television receiver Power supply.
For Push-Pull Output Chokes for 250-245-171A by connecting the two separate chokes together.

Airex Push-Pull For Magnetic Speaker or Phones

Cat. No. 2507

Here's a rare bargain in an ideal replacement transformer! WHOLLY SHIELDED, sealed and thoroughly impregnated in moisture proof 400 V. insulation wax. A good job, free from the common defects of cheap transformers, but sold as a closeout. Neat black crystalline finish. Ratio 1:1

Output to Magnetic Speaker **14c**

Audio and Push-Pull Transformers

A neat flange-mounting type, compact in size (2⅜" long, 2" deep, 2½" high), fits most sets. The P. P. Input transformer is designed for 56, 27, etc. The P. P. Output for 245, 47, 59, etc. tubes (specify when ordering); and for 8 to 10 ohm voice coils of Dynamic Speakers.

Cat. No. 2502
Push Pull, Input ..... **64¢**
Push Pull, Output ..... **63¢**
Audio, ratio 3½:1 ..... **62¢**

Replacement Transformer for Atwater Kent

Cat. No. 2412

Models Nos. 10, 10B, 12, 19, 20, 21, 30, 32, 33, 35, 48 and 49 battery sets.
For the Electric Sets, Models Nos. 36, 37, 38, 40, 42, 50, 52.
An ideal audio replacement transformer.

FIRST STAGE **48¢** SECOND STAGE **37¢**

30 Henry Choke — Dubilier Coil

Price 22c

Cat. No. 1246
A fine choke for perfect filtering and for replacement work where little space is available.
Resistance of the Dubilier choke coil is 750 ohms; will pass 75 mils. Dimensions, 1½ inches wide by 2¼ inches high by 3¼ inches long. Choke is bolted together with screws and nuts; has four bracket angles.

Edison 30 Henry Choke

A 375 ohm, ⅛ TAPPED choke. Same as used in the Edison sets. Can be used in ANY TUNED FILTER circuits (see diagrams in Official Radio Service manual): sometimes known as the Meissner System. Size 4 in. x 3¼ in. x 3¾ in. high.

Cat. No. 2411 **29c**

New MACKLYN SET ANALYZER AND TUBE TESTER New

A Combination Analyzer, Ohmmeter, Microfarad Meter, Voltmeter, Milliameter Tube Checker, and Circuit Tester. Tests all new type Tubes. Fully guaranteed under RMA Factory Guarantee. Designed for quick and easy operation so that circuit tests and tube tests can be quickly made. No rotary switches are used. Each particular test has its own test button. Three meters are used with scale reading of 0-10-100-600 volts D.C. 0-8-150-750 volts A.C., and 0-20-100 milliamperes D.C. The meters are of new design and the voltmeter is of high resistance type. The D.C. meters have zero adjustment, and are dead beat and highly damped. Meters can be used independantly for external readings. Makes all necessary tests. Tests all sets using 4, 5, 6, or 7 (large or small) prong bases including 25Z5, 2A7, 6A7, 6A4, 55, 80, 79, 84, 2B7, 6C6, 5Z3, 12Z3, 6F7, etc. Tests both plates of all full wave rectifiers. Provision made for testing new tubes as announced.

A circuit testers using a head phone of a special design is supplied for testing leaky condensers, etc. A long narrow plug is supplied with 3 lock-on adapters. Push-buttons are large and strong with sturdy "wiping contacts." Engraved Bakelite panel. Housed in an attractive serviceable substantial carrying case. Comes complete with instructions, tube testing charts, graphs for resistance and condenser tests.

List $30.00 Cat. No. 4248
YOUR COST **$17.64**

SERVICEMEN'S MULTITESTER
Voltmeter—Ohmmeter—Milliammeter

The Multitester is eminently a quality instrument designed to give the serviceman and engineer a complete compact multiple testing instrument that WILL NEVER BECOME OBSOLETE. Contains a triple range ohmmeter which measures all resistance from ¼ to 2,000,000 ohms. Three individual ranges, 0 to 2,000; 200-000; 2,000,000 ohms. **Entirely self-contained, no external batteries required. Has** a four-range voltmeter having ranges of 0-5, 0-50, 0-250, 0-750 volts. The sensitivity of the meter is 1000 ohms per volt. It also has a triple range milliameter with three individual ranges, 0-5, 0-50, 0-250 milliamperes. Safety is provided by an automatic selector switch which instantly connects to desired circuit and ranges and at the same time disconnects meter from all other circuits and range. **Incorporates a 3¼" D'Arsonval type moving coil meter, 1000 oims per volt. Accuracy within 2 per cent.)** Tapered compensator for battery voltage gives smooth zero adjustment on all ohmmeter ranges. Has a finely etched panel, crystalline finish case. Complete, ready to use compact and portable. Includes self-contained batteries and a set of high grade test prods with detachable alligator spring clamps. Case 5¾ x 8¾ x 4 inches. **Cat. No. 4249**

Complete **$19.60**

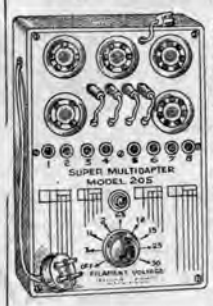
PRESTON PANEL METERS

All D.C. meters have zero adjustment, and are **dead beat** with highly damped pointer. Wide scale. **Cat. No. 2618**

D.C. MILLIAMETERS	
0-5	$1.18
0-10	.88
0-15	.58
0-25	.58
0-100	.58
0-150	.58
0-200	.58
0-400	.58
0-20-100 (2 scale)	.88
A.C. VOLTMETERS	
0-15 volts	$1.17
0-150 volts	1.60
0-8-150 (2 scales)	1.75
A.C. MILLIAMETERS	
0-15 milliamp	1.17
0-50 milliamp	1.17

D.C. VOLTMETERS (200 ohms per volt)	
0-10 volts	$0.58
0-50 volts	.88
0-150 volts	1.75
0-300 volts	2.35
0-8-160 (2 scales)	1.75
0-20-100 (2 scales)	1.47
0-60-300 (2 scales)	2.35
0-10-100-600 (3 scales)	2.94
D.C. AMMETERS	
0-3 Amp.	58c
0-10 Amp	58c

Super Multidapter and Tube Tester



When hooked up to a radio set using 245's, the tube to be tested can be given a **playing test.** Will test all the new tubes this way. Full instructions supplied. Thanks to the **moratorium** declared by the **Tube Manufacturers,** no more new type tubes will be put out this year—the **Super-Multidapter** is guaranteed to test **every tube now on the market.** It will separately test both halves of the dual tubes (as the diode-triode) and both plates of all new type rectifiers. Supplies all filament voltages: 1.1—2—6.3—12—15—25—30 and permits the testing of any tube under the actual circuit connections as used in the radio set; thirty different possible circuit connections makes this possible and also guarantees that all future tubes (provided they have 4, 5, 6 or 7 prong bases) can be tested with this device.

No reference charts needed—Full instructions etched on panel. Simple to operate; **Safety button** to prevent off-scale readings (added feature.

Priced very low to beat off all possible competition. Compact in size, leatherette covered case. Satisfaction guaranteed or money refunded within 10 days.

List $15.00
YOUR COST **$7.50**

Sonochorde Dynamic Speaker Chassis

The newest design in dynamic speakers. Molded cone, duplex corrugated diaphragm suspension. High field strength. A size and type for every purpose. Specify field resistance and output desired. Available for single or push pull output for all tubes. The 5" size comes only with single pentode or 45 output transformer. Field resistances available are 1250 ohms, 1800 ohms tapped at 300 and 2500 ohms. Specify field resistance and output transformer desired when ordering.

Cat. No. 1066

5"	$1.75	8"	$3.20
6"	2.75	11"	3.95

Fits-All Flat-Iron Element

Will fit over 90% of irons on the market, including Hot Point, G. E., Sunbeam, etc. Nichrome Element. For Replacements. **Cat. No. 7469.**

23¢ each
10 for $2.00

Cone Shaped Heating Element

Cat. No. 7471
Price 20¢
10 for $1.85

Consists of a porcelain form with a coiled nichrome element. Standard base for all screw type Heaters, 600-660 watts. 105-125 volts.

Bakelite Cube Tap

Cat. No. 7457

A 3-in-1 outlet for pin type receptacles. Handy in the store, shop and etc. Carry one with you in your Service Kit.

Price 7¢
25 for $1.60 — 10 for 65c

Bakelite Heater Plug

Cat. No. 7461
Assemble your own heater cord sets in your spare time.

Price 7¢
10 for 65c

Same as above but with on-off switch. EACH ..... **21¢**
Cat. No. 7460
10 for $2.00

Bakelite Heater Cord Set

Cat. No. 7451

Genuine Bakelite cap and plug. Silk Cord. Individually boxed.

18¢ ea
$1.85 per doz.

Bell Ringing Transformer

Fully shielded. Complies with Fire Underwriters requirements. Input 110 Volt, 50-60 cycle A.C. Output 6-8 volts. Binding post terminals.

Cat. No. 7518
52¢

Twin Lite Socket, Bakelite

One Piece Construction
Cat. No. 7452
Price 11¢
10 for 90c

Angle Plug, Bakelite

Cat. No. 7453
One piece construction with uno thread.

Price 13¢
10 for 90c

3-Way Plug, Bakelite

Cat. No. 7455
Price 21¢
10 for $1.95 — 100 for $18.00

Bakelite Switch Plug Cord Set

With Bakelite switch plug, handle cap, and 6 foot of silk cord.

Cat. No. 7485
EACH ..... **26¢**
In lots of 10
EACH ..... **23¢**

Auto, Radio and Electric Fuses

28¢ doz.

Cat. No. 7204
Comes in 1, 2, 3, 5, 10, 15, 20, 25, 30 amp. sizes. Standard 1" size (as illustrated). Every Radio and Auto set owner is a prospective customer for extra fuses.

Cigar Lighter Unit

10 for $1.25
STANDARD EDISON BASE
10 for $1.15
Cat. No. 7463
For all electric cigar lighters and for converting any ordinary lamp socket into a cigar lighter.

PRICE ..... **12¢**

Two Piece Attachment Plugs

Genuine bakelite attachment plug complete. Unit consists of screw plug and cap.

Cat. No. 5110
Price per package of 25 .. **94¢**
Cat. No. 5112. Caps only.
Price per package of 25—75c

White Porcelain Baseboard Outlet

Cat. No. 7480
Extra long wood screw provided
PRICE
9¢
100 for $7.75

Porcelain Double Outlet

Cat. No. 7479
Provides two convenient outlets for outside wiring. Contacts provided with screws for attaching wire.

Price 12¢
10 for $1.00
100 for $9.00

Electric Plug Fuses

Underwriters Approved
10, 15, 20, 25, 30 Amps.
Clear Vision Top
Cat. No. 7248

Our Price
5 for 14¢
Any Assortment 25 for 65c

AUTO ACCESSORIES AND PARTS

CAT. NO. 9041-2

Tire Boots High quality. Rubber cushion. cord fabric for durability and strength. Feather edged for smooth running. Self vulcanizing.
Cat. No. 9041 Assorted Sizes 50 to a box **$1.85**
Cat. No. 9042 Assorted sizes 100 to a box **$3.15**

CAT. NO. 9046 CAT. NO. 9058 9059 CAT. NO. 9047

Bendix Bolt Assortment $1.25

Cat. No. 9043—100 bolts and washers for servicing Bendix systems on all cars.

CAT. NO. 9045

Bendix Starter Springs

Cat. No. 9044 — Replacement springs for all Bendix starters. Highest quality. Specify left or right spring. For all cars.

21¢ each
5 for 95¢

CAT. NO. 9044 CAT. NO. 9056 9057 CAT. NO. 9048 CAT. NO. 9045

Bolt & Nut

Cat. No. 9045—For battery terminals. 5/16"x¼".

Box of 50--70¢
100--$1.25

Battery Cable Terminals 10¢ ea

Cat. No. 9046—Require no solder. Wedge screw type or clamp to wire type.

Battery Post Shim

Cat. No. 9047—Remedy for poor battery connections. Just slip over post. Makes connection as good as new.

25¢ per dozen

CAT. NO. 9060

Valve Rethreading Tool 39¢ each

Cat. No. 9048—Makes it easy to remove bad or broken cores. Also rethreads valve stem both inside and out.

Hub Caps for Fords

Cat. No. 9056 For 1928 Models ..... **10¢**
Cat. No. 9057 For 1929-1931 Models ..... **10¢**

CAT. NO. 9062

Lubrite Grease Gun Kit 95¢ each

Cat. No. 9060—Complete fittings, springs, washers, etc. for Lubrite Grease guns.

Fuel Pump Kit

Cat. No. 9062—Complete set of Gaskets, Diaphragm and washers for all Fuel Pumps.

17¢ per kit

CAT. NO. 9064

Spark Plug Terminal Assortment

Cat. No. 9064—Complete assortment of 100 terminals and terminal ends for all ignition systems.

$2.55 per box

CAT. NO. 9068

Dual Windshield Wiper

Cat. No. 9068—Fits all cars. Easily installed. High grade wiper.

39¢ each

Tire Flaps 30¢ ea

Cat. No. 9058—Standard fabric and rubber flap for all cars.

Endless Flap

Cat. No. 9059—For Ford, Chevrolet and all drop center rims.

90¢ per dozen

CAT. NO. 9050

Cheese Cloth

Cat. No. 9048 — Bleached for cleaning, polishing and dusting. 3 pieces. 36"x18".

14¢ Box

King Pin Set for Ford Cars

FOR MODEL A FORD
Cat. No. 9050—Complete set of washers, king pins, bearings, bolts and etc. A new set will eliminate the wobble and sway in the steering gear.

$1.55 per set

CAT. NO. 9051

King Pin Set for Chevrolets

For all 6 cylinder "Chevvies"
Cat. No. 9051—Complete set of washers, pins, retaining bolts, etc. Takes shimmy out of the front wheel assembly.

$1.10 per set

CAT. NO. 9061

Oil Saver & Breather Cap 12¢ each

Cat. No. 9061—Separates oil from vapor and prevents splattering of engine and hood.

CAT. NO. 9066 CAT. NO. 9063

Tire Patch Outfit

Kelly--Springfield
Cat. No. 9063 — Consists of patches, cement, and roughener. Full directions for use included.

11¢ each

Anti-Freeze

Cat. No. 9065—Approved mixture of glycerine and alcohol. One gallon cans. Will not affect cooling system in any manner. Packed 5—1 gal. cans to a case.

90¢ gal. can
$4.00 Per Case of 5 Cans

CAT. NO. 9065

Universal Hose Clamp

Cat. No 9066—Fits all Hose. Positive clamp; never loosens. Rust-proofed.

7¢ each

CAT. NO. 9067

Radiator Leak Seal

Cat. No. 9067—Repairs leaky cylinders and cracked cylinder blocks. Simply drop in radiator. Will not affect cooling system. Packed 12 to a display card.

75¢
Per Card of 12

CAT. NO. 9069

Snub Wrench

Cat. No. 9069—Indispensible for removing or installing Hub Caps, Lamp Rims, or Radiator Caps.

89¢ each

"Permould" RMA One Watt Color Coded Pigtail Resistors

The advantage of an RMA color coded pigtail resistor is the factor that errors in selecting the proper ohmage for replacing a burned out resistor are held to a minimum. There is more than just color coding to "Permould" resistors. Each one is individually moulded under extremely high pressure by a special formula which insures noiseless operation and a low voltage coefficient so as to maintain its resistance value under load and on over-load. This controlled method of manufacture allows the connector caps to be made an integral part of the resistor during the making of the resistive element which provides a positive connection for the pigtail. The pigtail leads are tinned for easy and quick soldering which also insures good electrical contact, eliminating one cause of (fading) noisy radio receivers. It is just such trouble and their accompanying defective units that cause so much dissatisfaction and loss of time and money.

"The Truly Fixed Resistor"

Cat. No. 8000
ONE WATT
8c each
85c Dozen

THE FOLLOWING VALUES AVAILABLE

75	850	7,500	100,000
100	900	8,000	125,000
150	1,000	10,000	150,000
200	1,500	15,000	200,000
250	2,000	20,000	250,000
350	2,500	25,000	500,000
450	3,000	30,000	750,000
	3,500	40,000	1 meg.
500	4,000	50,000	2 meg.
600	5,000	60,000	3 meg.
750	6,000	75,000	4 meg.
			10 meg.

One-Half Watt RMA Resistors

All of the above values may be had in one-half watt RMA colored-coded pigtails. These are very small in size, and are used in the newer sets. (A.C., D.C. and Auto.)

Price 8¢ ea. 85¢ per dozen

Freed-Eisemann NR80 Volume Control Strip

Volume control strip for the model NR80 receivers. Tapered type, resistance value 16,000 ohms.
Cat. No. 1558
Price 24¢

Resistance Strip for AK Sets

For replacement in volume control of the Atwater Kent 37, 36, 52, 42, 43, 44, 38 and 40. Replacement volume control strip for models 55, 55C, 60, 66. Specify model in ordering.

No need to buy a new volume control. Just replace the defective strip with this one. An exact duplicate. Cat. No. 2434

Stranded Shielded Lead-In Wire

Tinned copper wire, rubber covered with an outer tinned copper braid. Made especially for lead-ins. Also for use in Auto Radio installations.

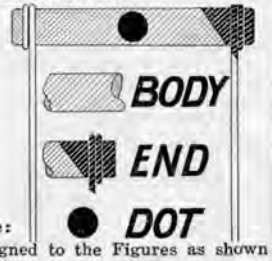
Cat. No. 1350

50 ft. Rolls ..... $ .75
100 ft. Rolls 1.38
500 ft. Reels 5.95

RMA COLOR CODE

Table

Fig.	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White



Explanation of Use:
Ten Colors are assigned to the Figures as shown in table above.
The Body of the Resistor (see diagram) is colored to represent the First Figure of the Resistance Value.
One End is Colored to represent the Second Figure.
A Dot of Color, representing the Number of Ciphers following the first two figures is located within the body color.

Examples Illustrating the Standard, are as follows

Resistance	Body	End	Dot
10 Ohms	Brown	Black	Black
	1	0	No Ciphers
200 Ohms	Red	Black	Brown
	2	0	0
3000 Ohms	Orange	Black	Red
	3	0	00

VARIABLE VOLTAGE DIVIDERS

Air-Cooled with movable slide-band taps

These variable voltage dividers are now available in the new Chrome-Oxile coating that protects the winding, contact being established by a small button on the sliding bands. These resistors are fully bank wound; full safe wattage rating because of the heavier wire. These resistors are accurately wound and are well within 5% tolerance. Large oversize Non-hygroscopic tubing, affording plenty of area for heat dissipation. Equipped with one or more sliding bands, enabling you to obtain any resistance value required.

The resistance values listed below cover every voltage divider used in sets, amplifiers and "B" eliminators. Order the next higher size to the resistor you are replacing; e.g. for 18,660 ohms use the 20,000 ohm unit and set as many slide bands as is necessary. The last part, from 18,660 to 20,000 is left open and is not used.

Value in Ohms	PRICE 10 watt size 2x$\frac{9}{16}$ 1 slider	PRICE 25 watt 5x⅝ 3 sliders	PRICE 50 watt 6x¾ 6 sliders	PRICE 75 watt 8x$\frac{13}{16}$ 6 sliders	PRICE 100 w. 9½x1 6 sliders
500	$0.30	—	—	—	—
750	.30	—	—	—	—
1,000	.30	—	—	—	—
1,500	.30	—	—	—	—
2,000	.30	—	—	—	—
2,500	.30	—	—	—	—
3,000	.30	.51	—	—	—
5,000	.30	.51	—	.95	1.16
10,000	—	.51	—	.95	1.25
13,000	—	.51	.95	1.05	1.27
15,000	—	.51	.95	1.05	1.27
20,000	—	—	.95	1.10	1.50
25,000	—	—	.95	1.16	1.50
31,000	—	—	—	1.16	1.62
36,000	—	—	—	1.16	1.62
41,000	—	—	—	1.16	1.62
45,000	—	—	—	1.16	1.62
50,000	—	—	—	1.16	1.62
75,000	—	—	—	—	2.05
100,000	—	—	—	—	2.05

Complete with mounting brackets
Extra sliders 5c each

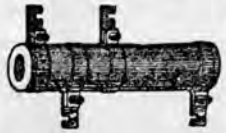
Crocodile Jaw Test Clips

Highly polished nickled small clip. A favorite with experimenters. Small in size (1¾" x ½"). Shape allows it to get into small places.

Cat. No. 1868 **5¢ each**

50c DOZEN $3.70 per 100

Freed Eiseman 540 Ohm Resistor 30 Watts



Cat. No. 3711

Baked Cement Coating

Can be used with any standard "B" eliminator. Also for series filaments. Taps—360, 90, 90 ohms. Total 540 ohms. 2¾ in. long, ¾ in. dia.

30 Watts Guaranteed . **15c**

In lots of 6—13c each

Bakelite Cord Connector

Cat. No. 1572

A cord connector which holds the tips and releases them only when you want them to be released.

6c

WIRE WOUND RESISTORS

The resistors listed below are vitreous enameled wire wound and rated at 50 watts unless otherwise noted. They are the products of nationally known manufacturers and at these prices it will be to your advantage to stock up on them. While designed for particular receivers they can be used as transmitting grid leaks, bleeders and as power pack dividers.

Cat. No.	Ohms	Tapped At	Price
7176	6,155	5900, 100, 155	15c
7177	4,900	4000, 100, 80	15c
7179	3,580	2500, 130, 900	15c
7180	548	137, 137, 137, 137	15c
7181	215	200, 15	15c
7182	600	350, 250	15c
7184	6,400	2000, 2000, 1000, 500, 900	15c
1020	5,600	1500, 2000, 100, 2000	18c
1033	7,000	1600, 800, 3000, 1600	25c
1031	15,000	1300, 800, 7900, 5000 (7 w.)	15c
1035	8,350	350, 7300, 700	9c
9541	2,980	400, 1000, 1580	19c
1034	4,000	700, 3300 RCA Part 18117)	19c
1042	5,187	500, 2000, 1800, 87, 800	19c
1039	17,660	8500, 9160	19c
9540	2,955	2510, 45, 400	19c
1008	2,640	500, 140, 1940	25c
1018	4,705	405, 500, 2500, 1500	18c
1040	4,475	1700, 400, 75, 2300	15c
1011	4,430	3600, 55, 75, 700	15c
1013	7,835	3400, 3800, 55, 80, 140, 360	18c
7186	13,110	9000, 3200, 140, 70, 700	22c
1014	7,120	3000, 3000, 220, 900	20c
1015	2,060	410, 1650	20c
1017	8,540	5600, 1000, 140, 1800	18c
3203	48	16, 16, 16	9c
7174	2,700	2000, 700	16c
3711	540	360, 90, 90	15c
3201	584	84, 500	9c
7173	2,685	2000, 350, 135, 200	23c

Carter Wire Wound Midget Volume Controls

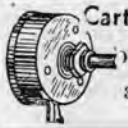
Wire Wound

Measures 1⅜" in dia.

Size Ohms		Price
25,000	(Rheo.)	21c
250,000	(Rheo.)	12c

Cat. No. 1060

Carter Shielded Volume Controls



1⅜" dia. — ⅝" wide

Ohms		Price
500	(Pot.)	16c
3,000	(Pot.)	15c

Cat. No. 1061

Center Tapped Resistors

7¢ each

75c DOZEN

Cat. No. 3449
Length, 1½"
Size, 6 ohm, c.t.
Cat. No. 3450
Length, 1½".
Size, 20 ohm, c.t.
Cat. No. 3451
Length 1½"
Size, 40 ohm, c.t.

R.C.A. RESISTORS

Vitrohm (Porcelain) Wire Wound

Cat. No. 3201

584 ohms, tapped at 84 ohms, and 500 ohms 3½ in. long.

9c

R.C.A. RESISTOR

1000 ohm, wire wound

Size 1¼" x ¾"

A flat Resistor with baked enamel coating.

Price ..... **3¢ ea.**

Cat. No. 3400 5 for 10c

R.C.A. Voltage Divider

9c each

3 for 25c

Cat. No. 3425

For Radiolas 18, 51 and 33, No. 2242, 3940 ohms —tapped at 440, 1900 and 1600. 4½" long. Brackets included.

Wire Wound Vitreous Enameled Resistances

Resistors listed below are not tapped. They are 15 watt rating unless otherwise noted.

PRICE **9c ea.**

Cat. No.	Ohms	Cat. No.	Ohms
1025	175	1027	4,100 (5 watt)
7189	250	3153	2,000 (25 watt)
7190	6,000	1562	145
3152	700 (20 watt)	1563	200
		7172	90

FILAMENT AND GRID RESISTORS

FOR ATWATER KENT 61 D. C. SET

Made to the original A. K. Specifications SET OF THREE

Cat. No. 3116 **89c**

Kolster Wire Wound Resistors

Heavy duty, 15 ohms C. T. ... **5¢ ea.**

Cat. No. 3105

½ Ohm, 2 Amps.

4c

Can be used in series with filaments.

Cat. No. 3107

ne Ohm Carries One Amp.

4c

Cat. No. 3104

700 Ohms Length 1¾ in. ... **4c**

Cat. No. 3109

2300 Ohms **2c**

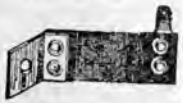
Cat. No. 3103

875 Ohms

3c

Cat. No. 3101

1100 Ohms



Length 1¾" **4c**

Cat. No. 3115

2600 Ohms. Length 2¼" Includes Neutralizing Condensers

6¢ each

3 for 10c

Cat. No. 3113

2300 Ohms. Length 2¼" Includes Neutralizing Condenser

6¢ each

3 for 10c

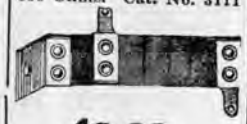
Cat. No. 3114

700 Ohm Fibre Strip

Cat. No. 3120

A flat strip, wire wound; tapped 100, 200 and 400 ohms **5c**

800 Ohms. Cat. No. 3111



4c ea.

1450 Ohms, Length 2¼" Tapped at 200 and 1250

5c

Cat. No. 3112

COLONIAL TAPPED RESISTOR

350,000 tapped at 100,000 and 250,000 ohms. 1¾" long.

Cat. No. 3802

3¢

CANDOHM RESISTORS

For A.C., D. C. SETS; VOLTAGE DIVIDERS, etc.

A new type resistor unit used in the latest model receivers. Resistance wire wound on a bakelite core, with an outer protective steel covering making the units absolutely damage proof. Lug connections. The AC-DC resistors are asbestos covered to assure cool operation.

UNITS FOR AC-DC SETS

Cat. No.	Resistance	Length	Price
3091	155 ohms		45c
3092	180 ohms	6"	45c
3093	190 ohms	8⅝"	59c
3094	200 ohms	6¼"	46c
3095	310 ohms		49c

The sizes listed below are useful for general replacement and service work.

3096	500 ohms		15c
3097	1000 ohms	1½"	19c
3098	1700 ohms tapped		24c
3099	2500 ohms		25c

Replacement Resistance Line Cords For A.C.—D.C. Radio Sets

One size will cover most 5 or 6 tube A.C.-D.C. sets.

Price 32¢

Majestic and Temple Resistors

20 Ohm (Center Tapped)

20 ohms C. T. 2¾" long. Cat. No. 3151 **4¢ ea.**

1400 ohms, 8" long Cat. No. 3172 **4¢ ea.**

550 ohms, 2¾" long. Cat. No. 3171 4c each

1400 ohms. 2¾" long. Cat. No. 3172 4c each

550 ohms. 2¾" long. Cat. No. 3160 4c each

Flexible Wire Wound Resistances

The length of these resistors is between 2" and 14" depending on the resistance value. The wattage rating varies from 2 watts forf the smallest size to 8 watts for the largest. All sizes have ample current carrying capacity for biasing all type tubes. The construction is of the spiral or helical wound type on asbestos covered copper wire. This permits both flexibility and ample heat dissipation surface. Soldering lugs on each end and the entire unit has a high insulation cambric covering which protects the resistance wire element.

Price All Sizes 6c each

Cat. No. 3300

We can supply these sizes:

Ohms	Ohms	Ohms	Ohms	Ohms
100	200	400	1300	1800
150	300	450	1700	2000

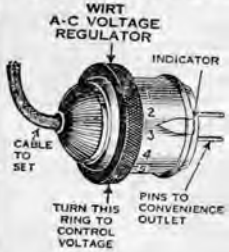
RESISTANCE ELEMENTS

Same as used in the **flexible Wire Wound Bias Resistors.** Consists of an asbestos-covered copper core, over which the resistance wire is wound in a helical or spiral form. Makes very accurate resistance units for delicate meters or experimental work. A soldering lug at each end firmly secured acts as the terminal. These units should be covered with spaghetti to prevent "shorting". Comes in the following sizes—

850 ohms per foot — 1500 ohms per foot
2000 ohms per foot

Price 5¢ per foot

WIRT A.C. VOLTAGE CONTROL



Cat. No. 1221

Not only does this Regulator prevent excessive peak line voltage from ruining both tubes and sets, but it also tends to "smooth out" the line voltage fluctuations which are reproduced in the set as **line noises.** Your money back if it doesn't. For use with sets of six, or less, tubes.

The Variable Feature Improves Tone

With its five positions it is possible to assure and actually demonstrate to the customer the superior advantages of the Wirt Voltage Regulator. We believe its use in connection with any receiver is the equivalent to the results obtained with "the next higher priced" radio set. Complete instructions supplied.

Price 49¢

In lots of 12—45c each

POWER LINE AND NOISE FILTER

List $2.00

Price $1.08

12 for 98c ea.

Cat. No. 1222

Motors of all sorts, basher signs, vacuum cleaners and innumerable other electrical appliances, all cause disturbances in radio reception. Also, the many loud cracks and pops which make radio reception unbearable and which are usually attributed to static, are electric disturbances picked up by the aerial or leadin. This **unit** will modify these annoyances—if it doesn't your money will be refunded.

A slight turn of the knob will aid in eliminating the interference between two or more stations. Complete detailed instructions and diagrams included with every **unit. Agents**—this is a money maker.

AUTO SILENCER KIT

These spark plug and distributor Suppressors are probably the finest in their class. Used in series with each spark plug and the common distributor head, they effectively suppress disturbing oscillations in the ignition circuit caused by the spark. These suppressors will not affect the running of the engine whatsoever. They will fit all makes of automobile and motor boat engines. The AIREX Generator Silencer (list $1.10) is included in this kit. Easily mounted to any part of the car. Parts also sold separately.

Cat. No.		List Price	Your Price
7115	4 Cylinder Car Kit*	$3.00	$1.19
7116	6 Cylinder Car Kit*	4.00	1.49
7117	8 Cylinder Car Kit*	5.00	1.75
7118	Auto Generator Condenser		.45
7119	Spark Plug Suppressors		.19

*State make and model car in which kit is to be used, and we will supply the proper spark plug suppressors and generator condenser.

BRADLEYOHMS

Continuously Variable with Vernier Action

No. E-10
5,000 to 15,000,000 ohms

No. Z-253
2,000 to 30,000 ohms

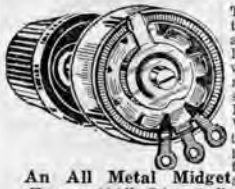
Noiseless, Stepless—No jumpy metal wire contacts to wear away or to corrode and become noisy.

SERVICEMEN, EXPERIMENTERS: With a set of these you can cover the entire range of resistance between 750 ohms and 15 megohms. Keep some on hand in the Lab or Shop—they're bound to come in handy, because for certain purposes there is nothing finer; for R.F. or A.F. Volume Control, Tone Control, Regeneration Control, Oscillation Control, Screen Grid Voltage Control, Variable Det. "B," Variable Grid Leak for Detector and Wheatstone Bridge Circuits.

Price less Knob

24¢ each; with Knob 28¢

YAXLEY 40 OHM POT-RHEO



An All Metal Midget Type. 1½" Dia. ⅜" Bushing.
Cat. No. 1605
Less Knob

Price 4c

With Knob 5c

The right size for the new type 236, 237, 238 6 volt, .3 amp. tubes, designed especially for Auto Sets, Farm 32 volt and 110 volt systems and all D.C. sets—used a rheostat in series or parallel with R.F. or detector heater as Volume Control or Regeneration Control. Space does not permit listing more than a few of its many other uses; as filament control for all dry cell and all storage battery tubes—230, 232, 199, 222, 201-A, etc., and in series filament D.C. jobs—as variable bias resistor between filaments or heaters in series; you can set any exact bias required instead of being limited to the drop in the filament used or its multiples—as a Variable Shunt to extend range across the movements of high resistance of milliammeters, low range A.C. voltmeters, volt-ohmmeters, etc. — as a variable C. T. Humbucker across power tube filaments—as a unique Volume Control across dynamic low impedance moving coil, etc., etc.

PILOT VOLUMGRADS

SMOOTH ACTION VARIABLE POTS.

Two popular sizes available, 1,000,000 and 2,000,000 ohms. Made of Bakelite, 2" Diameter, ¾" thick. The resistive element is absolutely noiseless, contact being made by an insulated button on a rotating arm which presses a flexible phosphor bronze spring firmly against the resistance strip(no rubbing or sliding action to wear out the resistance). Price complete with knob as illustrated.

Cat. No. 3081—1,000,000 ohms
Cat. No. 3082—2,000,000 ohms **39¢ either size**

3, 15, 20, 40 Ohm Humbuckers

Can be used as Rheostats, Pot., or Humbuckers. The 20 and 15 ohm sizes have screwdriver adjustment. The 40 and 3 ohm. knob adjustment.

FOUR SIZES

Cat. No. 3700

Made by Carter, Frost and Yaxley

40 ohm	15 ohm
20 ohm	3 ohm

Price 5¢ each

Toggle Switches

Underwriters Approved. Rated 3 amp. at 125 volts, or 1 amp. at 250 volts. Quick make and break action.

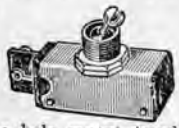
Single pole—Single throw. (2-lugs)
Standard ⅜" shank. **Cat. No. 1614** — **PRICE 15¢** — 10 for $1.40

Single pole—Double throw. (3-lugs)
Otherwise as above. **Cat. No. 1616** — **PRICE 21¢** — 10 for $1.95

Double pole—Single throw. (4-lugs)
Also same as above. **Cat. No. 1615** — **PRICE 23¢**

Double pole—Double throw. (6-lugs)
Also same as above. **Cat. No. 1621** — **PRICE 29¢**

Volume Control "On-Off" Switch



Cat. No. 1618

Regular one hole mount toggle switch for use with volume controls. Has slotted head as illustrated. Fully rated, approved by Underwriters. Threaded shank, ⅜" Dia. with two nuts to adjust higher or lower. Long leads or lugs.

Price 12¢

G.E. Rotary Snap Switch

Underwriters approved on-off switch. Comes with 18" leads. Shaft 1¼" long; threaded bushing ½" diameter by ½" long. Good value at

Cat. No. 2327 — **18¢**

Long Neck Toggle Switch

Length ¾ in. **For all electric sets and amplifiers requiring long shank A. C. switches. Extra long leads. Price**

Cat. No. 2326 — **29¢**

Push-Pull Battery Switch

2¢ ea.
10¢ doz

Its low price permits its use in connection with meter equipment, etc., as it can be used for shunting meters, placing resistances in eries with voltmeters for higher ranges, etc.

Cat. No. 1371

G.E. Feed-Thru Switch

Underwriters approved. Black Bakelite; 6 Amp. 125 volt. Indicating On-Off toggle.

Cat. No. 7474
PRICE ..... **24¢**

Wirt Rotary Snap Switch

Underwriters Lab. Inspected; 1⅛" diameter and only ½" long. Threaded bushing ½" long by ⅜" diameter. Shaft is ¾" long, ¼" diameter. Comes in two types—Single Pole Single Throw and Single Pole Double Throw.

Cat. No. 2699 Single Pole Single Throw. EACH — **15¢**
Cat. No. 2700 Single Pole Double Throw. EACH — **18¢**
Cat. No. 2329

Pearl Push Button

A nickeled pearl center, desk type, flush mounting, push button. Picture full size. Has screw terminals, mounts in only ⅝" dia. hole. Fine for testers, analyzers, etc. Will stand fairly high voltage at up to 250 milliamps. **Cat. No. 5115.** **16¢**
10 for $1.25

Seventeen Wire Cable

A brown braided cotton covered cable, ¼" thick, comprising seventeen different stranded color coded wires. Each wire rubber covered with an outer silk braid. The Colonial Radio Corp. used this type cable for their remote controls. Ideal for battery cables, instrument boards, experimental work, as hook-up wire, etc. By removing the outside covering you have seventeen AC-DC aerials worth 10c each. Easily worth 20c per foot. Available in the following lengths.

5 feet	35c	15 feet	85c
10 feet	65c	20 feet	$1.00
30 feet	$1.25		

Bakelite Moulded Mica Pigtail Condensers

Cat. No. 2987

Postage stamp size, a blessing to the service man, as it can be connected in any part of the circuit as easily as a pigtail resistor. Every condenser marked for easy identification.

Cap.	Price	Cap.	Price
.00025	$0.06	.0005	.06
.00003	.06	.001	.06
.00004	.06	.002	.08
.00005	.05	.0025	.08
.00007	.05	.003	.09
.0001	.05	.004	.10
.0002	.05	.005	.11
.00025	.05	.0055	.11
.0003	.05	.006	.11
.0004	.05		

Bakelite Moulded Mica Condensers with Lugs

Cat. No. 2982

A moulded bakelite condenser approximately 1½" long by ⅝" wide; has heavy soldering lug connections for screw or eyelet mounting. Standard RMA manufactured to specifications.

Cap.	Price	Cap.	Price
.000025	$0.06	.0005	.06
.00003	.06	.001	.06
.00004	.06	.002	.08
.00005	.05	.0025	.08
.00007	.05	.003	.09
.0001	.05	.004	.10
.0002	.05	.005	.11
.00025	.05	.0055	.11
.0003	.05	.006	.11
.0004	.05		

Stewart Warner

Rotary switch made by Beaver for use in Stewart-Warner sets. Underwriters approved. Long leads; Bakelite turn button knob. Bushing ½" long; ⅜" diameter. Gun metal finished bushing nut.

PRICE ..... **19¢**

ORDER YOUR CHRISTMAS MERCHANDISE NOW!

We will put aside for you any merchandise you may select, to be shipped whenever you say. A 30% deposit is required.

Tapped R. F. Choke

A 16 M.H. choke tapped at 1/3 its winding. Lattice wound, fully impregnated. Ideal for use as antenna choke in A.K., Bosch, Crosley and as untuned input choke.
Cat. No. 7151 **8¢**

85 M.H., R.F. Choke

Used wherever a "non-resonant within broadcast band" R.F. choke is required. 1⅛" dia.
Cat. No. 7156 **12¢**

Short Wave Choke

8 M.H. choke. Ideal for use in short wave work. Small in size with restricted field.
Cat. No. 7152 **19¢**

16 Millihenry Choke

16 M.H. choke. Made by RCA. Flat type, lattice wound on insulated core. Fully impregnated. Inductance, 16 M.H.
Cat. No. 7150 **6¢**

23 M.H. R.F. Choke

A "lattice" or helically wound choke, compact in in size, ¾" dia.
Cat. No. 7153 **6¢**

175 K.C., I.F. Trans.

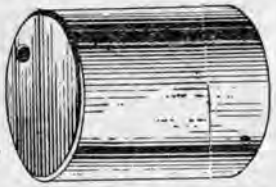
Mounted on an Isolantite form to reduce H.F. losses. Identical unit used in all Majestic superheterodyne receivers. Peaked at 175 K.C. For use with any standard dual peaking condenser.
Cat. No. 2304 **19¢**

Aluminum R.F. Coil Shields

Heavy wall, trimmed square bottom, rounded corner with holes for bringing out the wires. Two sizes available.

Cat. No. 6104
Size 4x2¾" dia.
5¢

Cat. No. 2557
Size 2⅜x2¼" dia.
4¢



PILOT LIGHT SOCKETS
With Mounting Brackets

One contact grounded, therefore can be used on battery,, D C, and Auto sets.

Can be used in any set. Both contacts insulated from mounting.

8¢ each, 90¢ per dozen

Cat. No. 2985 Cat. No. 2984

ALUMINUM TUBE SHIELD
For 57, 58 and Small Glass Tubes

Cat. No. 2728

This is a three piece tube shield, the barrel has a turned-in flange which hugs the tube closely, the split cover fits over the barrel covering the grid cap of the tube.

Very Special
9c ea.
95¢ dozen

Upco Transcription Phonograph Pickup
Made to Sprague Co. specifications

Transcription type pick-up. Designed for theatre use. Rubber damped. Swivel head for easy insertion of needle. Balanced tone arm for use on 33⅓ R.P.M. or 78 R.P.M. records. Finished in baked black enamel. High sensitivity with low scratch and hiss background noise. Standard high impedance. Requires no matching transformer.

Cat. No. 7154—Upco pickup with long 15" tone arm. Price **$3.10**
Cat. No. 7155—Upco pickup with standard 12" tone arm. Price **$3.00**
Cat. No. 7157
Upco pickup head only **$1.50**

Webster Phono Pickup
MODEL 15A

A well designed phonograph pickup made by one of the most popular manufacturers of public address systems. Extremely sensitive, yet ruggedly built—even the needle thumb screw being thoroughly protected against accidental breakage. Reproduces faithfully over the entire musical scale. **Built-in volume control in base.** Universal swivel pivots makes for smooth operation without needle scratch. Black telephone finish. Cat. No. 7158
SPECIAL ..... List $11.00 ..... **$4.35**

****Counter Balance for 33⅓ R.P.M. Records.** Although the above pickup can be used for the 33⅓ R.P.M. records, The Webster Co. recommend the use of this counter balance to assure the correct pressure for better results.
Cat. No. 7159 **$1.15**

Phono-Pickup Matching Transformer

This phono coupling transformer should enable you to get improved results from any phonograph and radio combination (unless both units were originally designed to work together). Of the auto-transformer type, tapped at 150, 300 and 1000 ohms, it will match the impedance of any pickup (over 150 ohms). Size 2¼"x1⅞"x2½" high. Has terminal strip with soldering lug connections.
Cat. No. 3185
PRICE ..... **75¢ ea.**

New Dome Type Tube Shields

Made in two sizes for large and small type tubes. Made in two halves and is held together by a clamping ring which snaps into the groove as illustrated. A ground clamp contact is also provided. Very popular with short wave experimenters.

For Dome top tubes, as 58, 78, etc. Cat. No. 2729
6¢ each

For straight side tubes as 35, 24, 27, etc. Cat. No. 2730
7¢ each

CROSLEY INTENSIFIER CONDENSER

Cat. No. 1601
Price 7c each

85 mmf.
For Panel Mounting, Shielded with Micrometer Adjustment. Make That Old Set Step Out and Pull in Some Real DX. This device used for "Pepping up" old Neutralized sets in order to boost their distance-getting ability, and to sharpen their tuning to cope with the present crowded condition of the ether.

A compression type variable mica condenser. Micrometer screw adjustment. Panel mounting. The Intensifier will find many uses. Ideal for short wave sets as the Antenna trimmer, across the main tuning condenser as a vernier, as a velvet smooth regeneration control. In broadcast sets, it can be used as a neutralizing condenser, regeneration control, antenna trimmer, etc.

Complete with Bakelite Knob

Short Wave Ant. Series Condenser
100 mmf. — Cat. No. 2962
Price 5c
6 for 19c — 32c Dozen

Consists of one stationary and one specially curved movable plate, easily adjusted with either a screw driver or socket wrench. The long slotted brass nut and screw prevents change of capacity through jarring. 2 inches long, ¾ inches wide, ¼ inch thick, bakelite base, mica separator.

Needle Point Test Leads

These high quality test prods are composed of one red and one black non-breakable handies. The high-quality, rubber and cotton braided wire leads are similarly colored and are re-inforced with soft rubber bushings where the wires and handles meet. The one piece, four jawed needle chuck has a knurled clamp-nut, which will **tightly hold** a phonograph needle. This needle bites into the work being tested (goes through hard enamel, varnish, through rubber or other covered wires, etc.) Easily removable for the insertion of new needles. **With Lugs — With Phone Tips. Either Type**

Cat. No. 2685 ..... **39c**

FUSED 3-WAY OUTLET

The handiest outlet to have. The fuses protect every one of the three taps provided on outlet. The fuses are placed one in each side of the line. Its use around the shop, bench, home or lab. will save its cost many times in labor, time, and in the protection of some delicate instrument. Standard automobile fuses can be used. Any capacity fuse—large or small—can be used. Burned out fuses can be removed and replaced in a jiffy. Made of genuine bakelite; no larger than the regular three way outlet. Comes complete with two fuses.

Cat. No. 7462 ..... **18c each**
$2.00 Dozen

FUSED PLUG

A double fused attachment cap (two standard glass auto fuses), made of bakelite. Protects the apparatus from burnouts and damage—protects the transformer in your set in the event of a defective condenser or 280 tube. One Radio Manufacturer has placed a contract for a quarter-million of these "fused plugs." Fuses are easily removed. It is not bulky, being designed similar to the new 'handle' caps. Comes complete with two fuses.

$2.00 Dozen—Cat. No. 7464 ..... **18c ea.**

HAMMARLUND
Three Gang Trimmers

A Necessity in All Accurate Radio Work

Used for equalizing gang condensers CAN BE CUT AND USED SEPARATELY; for Neutralizing, as Variable Antenna Coupler to improve Selectivity and regulate input amplitude; necessary for Short Wave antenna coupling; as Oscillator Coupler in Super-Hetrodynes and in test oscillators; in Pre-selector and Band Pass design and adjustment, to regulate degree of selectivity, or width of band; as verniers across sharply tuned Superhet I. F. transformers. Standard replacement on King, Peerless, etc. Small, but Hammarlund-Built-three on one bakelite strip, 6½" x 1". Variable plates of heavy Phosphor Bronze Spring. Stays put.
Cat. No. 2988 ..... **28c**

3 for 77¢

ISOLANTITE TUBING
Ideal for Short Wave Coils

5c up

Isolantite tubing—used extensively in high-tension and in extremely short-wave work. Unlike porcelain, cracking is very rare in **Isolantite.** Use it wherever **high-tension insulators** are required—for lead-ins, etc. Wind your own resistors to your own specifications—as you need them—when you need them. Has many more uses than this writer could think of.

Cat. No.	Dia.	Lgth.	Price	Cat. No.	Dia.	Lgth.	Price
1074	7/16	1½	$0.05	1048	¾	4½	$0.14
1075	1-1/16	1½	.06	1085	1-3/16	5½	.15
1076	⅜	2	.08	1086	1	5¾	.15
1077	¾	2	.08	1087	⅞	6	.16
1078	9/16	2	.09	1088	1½	6-1/16	.18
1079	⅝	2½	.10	1089	1	6½	.18
1080	7/16	4	.12	1090	1-3/16	8	.20
1082	⅝	4	.13	1091	1	8½	.20
1083	1	4	.14	1092	1⅛	10½	.20
				1093	1⅛	9⅞	.20

SILVER PLATED PHOSPHOR BRONZE, SCREEN GRID CAPS.

SPECIAL PRICE
25¢ dozen
Cat. No. 1571

Airex Antenna Kits

Airex Special Aerial Kit

75 ft. of stranded Aerial wire
25 ft. of Rubber covered lead-in wire
1—ground clamp
1—Lead-in strip
1—Approved lightning arrester
2—Antenna insulators
2—Porcelain nailit knobs

44¢ each

6 for 42c each — 12 for 40c each

"Super 121" Kit

Consists of
90 ft. 7/25 Stranded copper aerial wire
50 ft. Rubber covered lead-in wire
10 ft. Ground wire
2—Porcelain insulators
1—Ground Clamp
1—Lead-in strip
2—Porcelain nailit knobs
1—Approved lightning arrestor

6 for 55c ea.
12 for 50c ea.

59¢ ea.

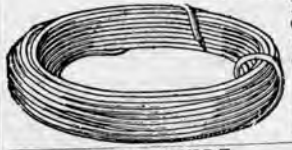
COPPER AERIAL WIRE

Plated to guard against corrosion
Cat. No. 1310
Size 7/23—26c ea.
12 for 23c ea.

Enamelled corrosion proof.
Cat. No. 1320
Size 7/23—40c ea.
12 for 33c ea.—25 for 30c ea.

Copper Aerial Wire
Cat. No. 1340
Stranded 7/16 — 75 foot rolls
Single rolls: 18c each — Lots of 12 rolls: 17c each
Lot of 25: 16c each

LEAD-IN WIRE



No. 17 B. & S. Gauge Rubber Covered, at low copper prices.

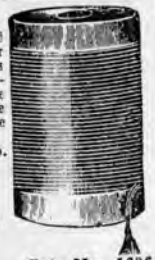
25 ft.	$ .11
50 ft.	.19
100 ft.	.35
500 ft.	1.72

LITZ WIRE

Litz High Frequency Cable is used more and more for R. F. coils wherever the utmost in efficiency and low loss characteristics are required. The superior results obtainable with Litz cable over ordinary solid or stranded wire makes it first choice in many De Luxe sets where price is not a factor.

Size 20/38, Shipping Weight ¾ lb.
250 feet per spool
29¢

Size 20/38, 125 feet per spool
15¢



Cat. No. 1606

Approved Lightning Arrester

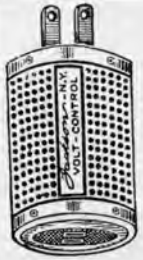
Cat. No. 1342
25 for $1.85
Price **11¢ ea.**

COVERED AUTO AERIAL

Can be mounted UNDERNEATH the car, where the trolley, electric and telegraph wires cannot affect the broadcast pick-up of the enclosed antenna. It is easily and quickly mounted between the front and rear axles, straps being provided for this purpose.
Cat. No. 1376
58¢

Line Load Regulator

Heavy (150 Watts) Duty



Differential resistance automatically keeps line voltage constant. Does not permit line current surges which break down filter condensers. Saves tubes. Air cooled and steel clad. Fireproof. Fits standard socket or outlet.

Cat. No. 1220
List: 1.75
Price **32¢**

ADJUSTABLE GROUND CLAMPS

9 in. long

33¢ doz. **$1.20 for 50**
3¢ each
Cat. No. 1410

INSULATED LEAD-IN STRIP

Cat. No. 1420
Equipped with Fahnestock Clips
4¢ each, 44¢ doz., $2.75 per 100

Tinned Push-Back Hookup Wire

25 ft. Rolls
14¢ ea.
3 for 35c
50 ft. Rolls
22¢ ea.
3 for 55c

No. 19 B & S Solid or Stranded in Assorted colors
$4.00
Per 1000 ft.

Porcelain Nailit Knobs

Cat. No. 1400
Price
28¢ doz.
$1.95 per 100

Porcelain Screw Eyes

3 inch size
Cat. No. 1401
30¢ doz.
Price per 100
$2.00

GLAZED PORCELAIN INSULATOR

Cat. No. 1405
The unique design reduces leakage and enables it to stand enormous mechanical and electrical strains without cracking like ordinary ribbed insulators. Hams! The best thing you can use for the Transmitting Antenna: Two or more of these in series will stand the highest voltages and the shortest waves much better than bulky expensive single insulators.

Price
21¢ dozen
100 for $1.08

Order to be filled by
The AIREX CO., Inc.
78 Cortlandt Street
New York, N. Y.
Telephone BArclay 7-7059

Your Name _____
Please Print
Street _____
City _____
State _____

Leave Column Blank	Quan. Desired	NAME OF ARTICLE WANTED	Page No.	Cat. No.	Net Price	Totals

FOR OUR RECORDS, Please "CHECK" whether the Merchandise Purchased is for RESALE ☐ or PERSONAL ☐ use.

SATISFACTION GUARANTEED and no unexpected taxes to pay as we sell to dealers, servicemen and others in the trade. No order under one dollar accepted. Prices are NET CASH and are figured at wholesale or less. Return shipments should be prepaid and well packed in the original carton. Foreign orders accepted. All freight orders, F.O.B. our warehouse.

HOW SHALL WE SHIP?
Parcel Post ☐
Express ☐
Freight ☐
Best Way ☐

TOTAL AMOUNT OF ORDER _____
Allow for Parcel Post, Freight or Express. Any over-payment is promptly returned.

TOTAL AMOUNT ENCLOSED _____
A good will deposit of at least 20% must accompany every order. If you send currency register your letter.

DIRECT DRIVE DIAL

Push-on dial, calibrated 0-100-0. Translucent celluloid dial or etched brass dial with black markings on white background. Diameter 3". Complete with neat bronze escutcheon plate.

Cat. No. 1367 for ¼" shaft.

5¢ each

45c Dozen

Cat. No. 1368 for ⅜" shaft.

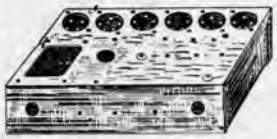
6¢ each

85c Dozen

Pilot light socket for either dial

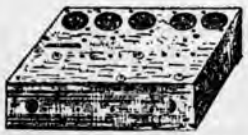
6¢ each

Chassis Bases



Size 11¾ in. long x 6 in. wide x 2⅞ in. high, for 6 tubes—hole cut for Midget Transformers. Has mounting hole for inverted Double 8 electrolytic condenser.

Cat. No. 2651 **19c**



Cat. No. 2652
Size 11¾ in. long x 6 in. wide x 2⅞ in. high for 5 tube chassis. Has hole on side for speaker socket.

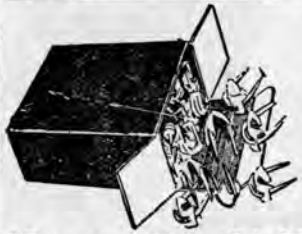
18c

RADIO HARDWARE KIT

Here is a five-pound box of screws, nuts, bushings, brass and iron washers, lugs, insulating washers and separaters, long bolts, etc. A very important essential in your shop.

Consider these values!

	Cat. No.	
5 lb. Kit	4301	89c
2½ lb. Kit	4302	49c
1 lb. Kit	4303	23c



Insulated Wire Staples

Cat. No. 5160

Come Packed 100 in a Box

15¢ per 100, $1.19 per 1,000

Fiber Tubing

All Sizes and Lengths. In the following diameters: ¼ in., 5/16 in., 11/32 in., ⅜ in., 7/16 in.

Cat. No. 2967

Price 2¢ per inch

Minimum Length 3 in.

Crowe Spot Vernier Tuning Dial

The pilot light moves over the face of the dial scale. The scale is recessed and presents abeveled front to the escutcheon. Illuminated hair line indicator, full vision, no pointer on the outside to scratch the scale. Smooth vernier action. for ⅜" condenser shaft and ¼" knob. Comes complete with pilot light socket and escutcheon as illustrated. Kilocycle calibration. 4" diameter.

PRICE **75¢** Cat. No. 7102

Bakelite Wafer Sub-Panel Sockets

Designed to fit all makes of tubes, have sturdy contact springs bakelite throughout and can be supplied for **four, five, six** and **seven** prong tubes.

Cat. No. 2981

Price 4 and 5 prong tubes ..... **4¢ ea.**

Price 6 and 7 prong tubes ..... **7¢ ea.**

Spaghetti (Varnished Cambric Tubing)

Preferred by "Hams" for its fine insulating properties; 30" lengths. Red, Black, Green and Yellow.

7c EACH

78¢ doz.

Cat. No. 2440

WAFER SOCKETS

Length between holes, 1⅞"

Types—4 or 5 Prong

Cat. No. 2974

PRICE

3c

Pair

Consists of Socket and Top Piece

A strong socket of solid Bakelite having exceedingly high insulation resistance which will not arc over under high voltages. Plated phospher bronze prongs, doubly reinforced with spring steel clamp, permitting a powerful grip that does not weaken under thousands of tube insertions. Easy to mount and easy to solder. Comes with a bakelite insulated top wafer which helps guides the tube prongs.

SET OF SOCKET WRENCHES

For use in all auto-ignition systems, motorboats, radio repairing, etc. Has **six different sockets**, from 3-16 to 3-8 in. for Hex. nuts. **Has** removable cross-handle rod for putting strength on the work. Can be used without the crosshandle.

Price 7¢ set

Case-hardened steel, 3½ in. long. Will last a lifetime. Here is a bargain!

Cat. No. 9460

Decorative Lighting Outfits and Lamps

Lay in your Christmas Stock Now!

Cat. No. 8705. An 8 light intermediate base, series wired, Christmas tree set, bakelite husks, silk wire and bakelite attachment plug. Cone shaped (C6-15V.), imported lamps in several colors. Attractively boxed, ready for use on 110 volt A.C. or D.C. PRICE ..... **39¢ each**

LOTS OF 50 ..... **33¢ each**

Cat. No. 8706. Same as above, but with two tone modernistic imported colored lamps (C6-15V.). PRICE ..... **39¢ each**

LOTS OF 50 ..... **33¢ each**

Cat. No. 8707. Also same as above, but with the F6½—15 volt detector (imported) lamps. When a lamp burns out it gives a bright flickering glow making it easy to detect which lamp in the series is bad. Comes in two-tone, assorted colors.

PRICE ..... **49¢ each**

LOTS OF 50 ..... **38¢ each**

Cone Shape

A6—110 volt
Cat. No. 8701
Comes in several different solid colors. 100 assorted in attractive (colored) display carton; also comes 25 of one color to the box. Very low price. For 105-125 volts, A.C. or D.C. intermediate base.
100 for $7.50

Two Tone

C6—15 volt
Cat. No. 8702
Two-tone, assorted colors, imported, intermediate base, cone shaped lamps. Represents very pleasing flame effects. Very popular type. Attractive colored display box.
100 for $1.45

Bell

A22—15 volt
Cat. No. 8703
Bell shaped imported lamps in two-tone, assorted colors. Attractive display carton holds 100. Intermediate base.
100 for $1.85

Detector

F6½—15 Volt
Cat. No. 8704
Cone shaped, intermediate base, solid color. Burned out lamp glows making it easy to detect. Attractive display box.
100 for $2.95

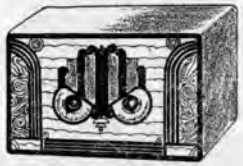
Short-Wave Radio

COMPLETE ELECTRIC-BATTERY SETS

Plug-in Coil	Meter Bands
No. 1	10 to 20
No. 2	16 to 45
No. 3	40 to 80
No. 4	70 to 220
No. 5	220 to 600

PRICE, 50c per coil

An ideal gift—for Christmas or any other time. Thousand dollar programs from **all over the world** available any time—all the time—for from $3.95 up to $8.75. Pleasant fun for young and old, and for entertaining visitors too. Comes completely wired readp to play in full sized (9"x6"x4") leatherette covered cabinets with prestboard grille. Full instructions. Your choice of **plug-in coil** to cover any band you desire. Extra Plug-in coils at 50c each.



One Tube Battery Set

10 to 600 Meters

A long and short-wave one tube battery set, uses 230 tube, regenerative circuit. Foreign reception guaranteed. Price, complete with **Tube, Earphone,** Silver and Black finished **Cabinet** and choice of one **plug-in-coil** and full instructions (less batteries) **$4.95**

Batteries required are one 2 volt air cell (or two 1½ volt dry cells) and one 45 volt "B" battery. Extra coils at 50c each.

Cat. No. 8711

Three Tube Battery Set

10 to 600 Meters

The same set as the one tube (Cat. No. 8711) with the added features of **two amplification stages, Full dynamic speaker** (Midget set style), **Battery Harness** and Leatherette silver and black finished **cabinet.** Also, three tubes supplied. Requires 90 volts of "B" battery and two 1½ volt dry cells (or 2 volt air lung battery). Price complete ready to play (choice of one plug-in coil), less batteries **$6.95**

Cat. No. 8712

4 Tube A.C.-D.C. Electric Short Wave Set

Comes complete—ready to play. Just plug it into the electric light socket. Brings in the same programs that sets costing three times as much do. Plug-in coils easily removed and inserted. Price complete with **four tubes, cabinet, cord and plug** and one coil.

Cat. No. 8713 ..... **$8.95**

NOTE: No aerials supplied with any of the sets listed here. Use your regular broadcast antenna.