

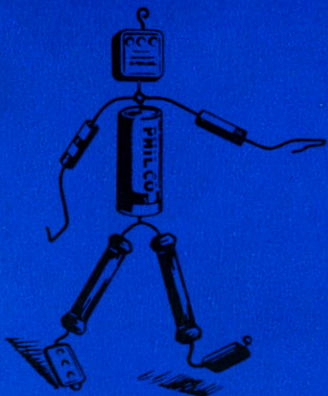
PHILCO

Parts

Accessories .

Tubes

Batteries



REFERENCE LISTINGS

PARTS	For all models of Philco Radios	PAGES 40 to 47
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BATTERIES	For all Farm Radios and Portables	PAGE 9

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PHILCO QUALITY ACCESSORIES

INCREASE TURN-OVER AND PROFIT WITH THESE DISPLAYS

Accessories

(Displays)



PHILCO SERVICEMAN'S SAMPLE CASE

This attractive, leatherette Philco Sample Case helps you make profitable sales on every service call. When you open the case in the home to use the cement, lubricant or polish it contains, these Philco quality products will sell on sight!

Your cost for the complete sample kit is only **\$8.41**, which is the exact cost of the contents. You get the case **FREE** . . . and your selling price for the contents is **\$13.55**. Here are the contents:

Description	Additional Information on page No.
2 Quick Release Ice Cube Trays	3
2 Bottles Philco Furniture Polish	23
2 Bottles Philco Refrigerator Polish	23
2 Tubes Household Cement	23
2 Tubes Philco Lubricator	23
1 Interference Filter	16
10 Pkgs. Philco Phonograph Needles	2
1 Long-Playing Needle	2

PHILCO MERCHANDISE DISPLAY

Here is a silent salesman for your store that works without pay—an attractive sales-compelling display of packaged merchandise, all bearing the famous PHILCO name. The items sell on sight . . . and every customer who enters the store has immediate need for one or more of the articles displayed.

The display is rigidly constructed of standard steel shelving welded together, with heavy corner angles. It requires but little space . . . actually only 1 3/4 square feet of floor area. It measures 58" high, 20 1/2" wide and 12" deep.

The price strips on the shelves are easily removed so that strips covering new products, which will be supplied from time to time, can be inserted.

This attractive display costs the dealer nothing! It is supplied, at no extra charge, with an assortment of Philco products and accessories. See your Philco distributor for special price on the assortment of easy-to-sell products.

The individual display packages are also available separately as follows:

Package Part No.	Contents of Package	List Price
40-6572	20 Pkgs. Record Player Needles	\$5.00
5520-8	1 Quick Release Ice Cube Tray	2.75
45-2600	4 Radio Noise Eliminators	3.40
	30 Pen Light Batteries	3.00
	24 Flashlight Batteries	2.40
45-2841	70 Dial Lamps and Flashlight Bulbs	6.60
45-1321	6 Bottles Furniture Polish	3.00
8900-1	6 Bottles Refrigerator Polish	3.00
45-2623	6 Tubes Household Cement	3.00
	12 Tubes Special Lubricant	4.20



PHILCO ANIMATED POLISH DISPLAY

Attention attracted by the action in this display when placed in your window or on your parts counter produces sales! There is a direct connection between the constant back-and-forth movement of the arm with polishing cloth and the two types of polish this display is designed to sell. The background of the display is beautifully finished in six colors and bespeaks the quality of the two types of polish displayed in front of it. The positive-acting

motor which operates the arm is designed for continuous operation.

Ask your Philco distributor how you can obtain this unusual display **FREE** with your purchases of Philco Polish. You can leave the rest to the display . . . it will sell polish and if placed in your window will bring many customers into your store.



FURNITURE POLISH

A high quality polish, developed by the Philco Cabinet Engineering Department, to restore the original lustre to the most delicate surface of fine furniture and radio cabinets. Quick and effective . . . no hard rubbing.

Part No. 45-1321—Six eight-ounce bottles in display carton—List Price **\$3.00**.

REFRIGERATOR CLEANER & POLISH

A specially prepared cleaner and polish for the outside finish of refrigerators. An application protects the refrigerator finish against grease, dirt, salt air, fruit juices, etc., and will maintain the original fine lustre.

Part No. 8900-1—Six eight-ounce bottles in display carton—List Price **\$3.00**.

PHILCO ACCESSORIES

FOR RADIO PHONOGRAPHS



STANDARD RECORD PLAYER NEEDLES

Package of 35 Needles—25c

Each needle plays 15 to 20 records with better tone, less surface noise and less record wear. One needle will play a complete loading of records on an automatic record changer. Twenty 25-cent packages, containing 35 needles each, are available in the attractive display carton shown here.

Part No. 40-6572—List Price \$5.00

LONG PLAYING NEEDLE

One thousand needles in one! Here is the ideal automatic record changer needle, for it plays 1000 records with brilliant, life-like tone, and with exceptionally low surface noise.

Part No. 45-2726—List Price \$1.00

PHILCO HOME RECORDING NEEDLES

Made of the finest alloy steel, these needles are especially hardened to make the maximum number of recordings per needle. The needles are hand polished to an extremely fine point to produce brilliant, life-like recordings.

Part No. 45-2824—Package of 5—List Price \$1.00

PHILCO SAFETY RECORDS

FOR HIGHEST QUALITY HOME RECORDINGS

All types and sizes of Philco Safety Records are now packed in the exclusive Philco indexed album pictured in the illustration—AT NO EXTRA CHARGE! This convenient album gives the customer a permanent place to store and file his collection of home recordings. It is the most convenient kind of album to use because it requires no turning of pages, yet keeps the individual records separated from each other and provides complete protection from dust or injury.

Paper Base Records

Available in two sizes, 6½-inch and 8-inch, these low-cost records contain the highest quality materials to ensure faithful reproduction, and long play-back life. Space is provided on labels on both sides of the record for date, title and other information.



6½-INCH RECORDS—The right size for recording personal messages or excerpts from radio programs. Part No. 45-2853—Album package of eight 6½-inch records—List Price \$1.00.

8-INCH RECORDS—This size will record the playing of a standard 10-inch commercial record on radio programs. Part No. 45-2852—Album package of five 8-inch records—List Price \$1.00.

MAILING ENVELOPES—For 6½-inch records. These special envelopes are supplied by your Philco distributor for mailing personal messages ("recorded letters") to friends or relatives of your customers. Dealer Net Price 45c per hundred.

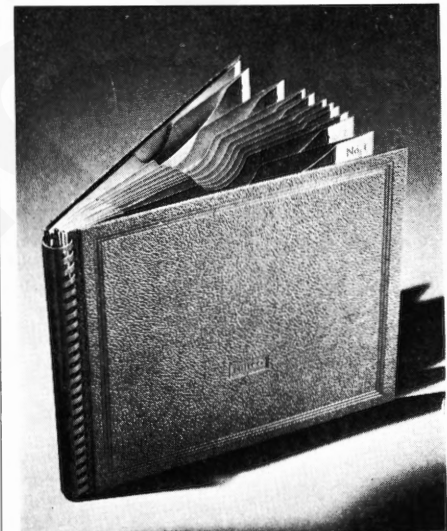
Metal Base Records

The metal discs used in the manufacture of these records provide a strong smooth base for the surface material, resulting in a more durable record with an extremely fine finish. The delux metal base records are especially recommended where the greatest permanency of recording is required. These records also are available in two sizes, 6½-inch and 10-inch. The playing time of the 10-inch record is over four minutes!

Part No. 45-2838—Album package of five 6½-inch Metal Base Safety Records—List Price \$1.00.

Part No. 45-2839—Album package of five 10-inch Metal Base Safety Records—List Price \$2.25.

★
PHILCO
RADIO-
PHONOGRAPH
 Counter
 Items



★
PHILCO
RECORD ALBUMS

The new Philco phonograph record albums are meeting with tremendous acceptance everywhere.

The most important feature of the albums is that they can be opened easily, without the binding which is so characteristic of record albums of the past. A special type of hinge, along the edge of the album, makes it possible to open the entire album at one time as easily as turning a single leaf! All pages are numbered to correspond with an index printed on the inside of the front cover.

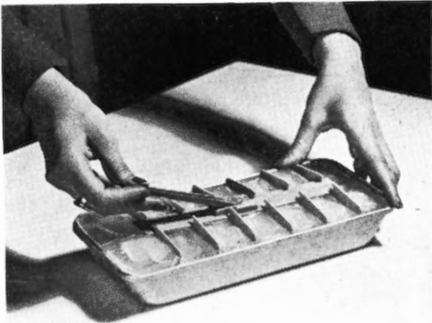
The albums which have a capacity for ten records are finished in maroon leatherette, and are available in two sizes . . . for 10-inch records and for 12-inch records.

Part No. 45-2834—10-inch album—
 List Price \$1.50.

Part No. 45-2835—12-inch album—
 List Price \$1.75.

QUICK RELEASE ICE CUBE TRAY

Modernizes All Refrigerators



Many electric refrigerators in use today have old-style trays that must be held under water to loosen the cubes, or trays which have out-dated rubber grids which are hard to use and which are slow in freezing ice cubes.

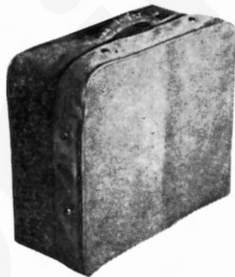
The new Philco Quick Release Ice Cube Trays appeal to every housewife. The lever releases the entire tray of cubes at one time. No melting of ice under water . . . no difficulty in removing cubes.

A further improvement makes it easy to remove the tray when frozen to the evaporator shelf. A slight pull on the handle at the front of the tray exerts the necessary lifting force to free the tray from the film of ice beneath it.

Part No. 5520-14—List Price **\$2.75**

Ask your Philco Distributor about free counter display for this accessory.

TRAVELLING CASE For Portable Radios



Designed expressly for the new Philco Portable Radio Model 41-842, this neatly fitting brown suede travelling case further increases the adaptability of the radio to the needs of the traveller. The case protects the cabinet of the radio from injury—and even more important—it also provides space for the new Philco Accessory Plug-in Aerial. This aerial improves reception in shielded buildings, trains, airplanes and automobiles. (See page 7 for details.)

Part No. 45-2854—List Price **\$1.88**

REFRIGERATOR ACCESSORY TRAY RACKS

NEW CONVENIENCE . . . NEW ECONOMY

1. Pick up ONE dry ice cube at a time without tools . . . even without removing the tray from the rack!
2. Increase ice cube capacity 50%.
3. Keep frozen desserts and ice cream at exactly uniform temperatures . . . never frozen too hard or crystallized.

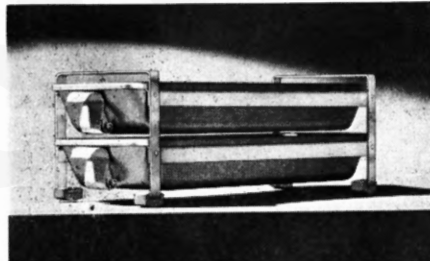
This new Philco Accessory utilizes uniform, low air temperature within the evaporator to keep ice cubes ready for instant removal as needed and to preserve smoothness of frozen desserts. After freezing has been completed in ice cube compartment, the grid of the quick release tray is removed and the pan of cubes is inserted in the slides of Accessory Tray Rack. Thereafter, one or more dry, free cubes can be taken out as needed, without removing the tray.



The dessert tray in the combination tray rack can be placed on the evaporator surface for quick freezing of desserts, after which it can be inserted on slides (free from surface of evaporator) to maintain the original quality of the dessert. The frozen foods compartments of all Philco advanced design models of the "L" and "M" series accommodate either the combination rack or the smaller type illustrated below.

Part No. 8040-10—Advanced Design Accessory Tray Rack including dessert tray and two ice trays with tray release handles (less grids)—List Price **\$4.75**.

Part No. 5521-14—Double width Dessert Tray only—List Price **\$1.60**.



Part No. 8040-11—Standard Accessory Ice Tray Rack—for smaller frozen foods compartments. Can also be used in larger models if dessert tray is not needed. Complete with two ice cube trays with release handles, less grids. List Price **\$3.25**.

PERSONAL MONOGRAMS

H T S
R A K

For radios, automobiles and all kinds of personal articles.

Use the "appeal to personal pride" to sell small radios by applying Philco Personal Monograms. You can sell every customer several additional monograms for other articles.

Any one can apply them—After being moistened, gold letters slide off protective backing and quickly adhere to surface of article being initialed.

Lacquer supplied with each package provides weatherproof coating for monograms.

Illustrations of letters are actual size.

Part No. 45-1413—Package of 300 initials including bottle of lacquer with brush.

Dealer Net Price **\$1.20**.

GREEK MONOGRAMS

Φ Σ Δ
Ε Τ Ω

Distinctive monograms for members of fraternal organizations which use Greek insignia.

If there is a school or college in your neighborhood, be sure to capitalize on the special sales appeal of these Greek letters. Offering Greek monograms with radios or other items will definitely increase sales to students.

Illustrations of letters are actual size.

Part No. 45-1416—Package of 300 Greek letters including bottle of lacquer with brush.

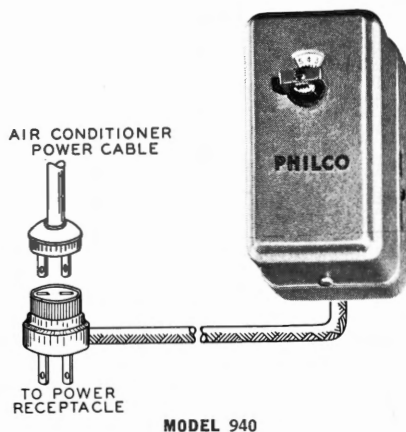
Dealer Net Price **\$1.20**.

PHILCO ACCESSORIES

FOR AIR CONDITIONERS AND VENTILATORS

AUTOMATIC STARTING TIMER

3,000-Watt 23-Hour Time Switch



Designed primarily for turning on a Philco York Air Conditioner after any pre-determined time interval, this Starting Timer has been applied to many other uses as well, because of its accuracy and large power handling capacity.

When connected to an air conditioner, it can be set to start the unit operating an hour or two before the room is to be occupied. This allows the necessary time for the air conditioner to provide maximum comfort conditions by the time the owner is ready to use the room. There is no waiting for cooling to take place—or for stagnant air to be removed—the office or room can be cool and comfortable when the occupants arrive.

To set the starting timer, the user simply turns the key to the time (AM or PM—up to 23 hours in advance) that the switch is to operate.

When the Starting Timer is used for other purposes—operating illuminated signs, store lights, etc., the mercury switch can be reversed, if desired, to open, rather than close the circuit, at the required time.

A series connector with five feet of heavy-duty cord is supplied to simplify connections to an air conditioner or any other plug-in appliance. The connector plugs into the electrical outlet and the appliance plugs into the connector. The installation is completed by fastening the starting timer to the wall directly above the electrical outlet, at a convenient height.

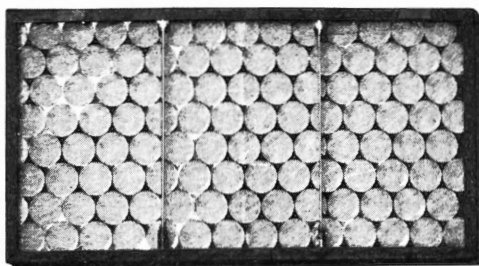
Electrical circuits controlled by wall switches can be adapted for "timed" operation by removing the wall switch and installing the Automatic Starting Timer over the switch box.

List Price **\$16.50**

REPLACEMENT FILTERS

A Source of Frequent Repeat Sales to All Owners of

Ventilators and Air Conditioners



The air filter in a Philco Ventilator or Philco York Air Conditioner must be inspected frequently and renewed when accumulation of dust and dirt begins to interfere with free passage of air. Be sure to show the customer the first dirt-laden filter removed from the air conditioner for replacement! It speaks volumes for the efficiency

and health-preserving value of the installation, and helps you sell additional units. Keep a number of used filters on display at your store to demonstrate the air cleansing feature to prospective customers. Have at least one new filter in stock for every air conditioner or ventilator you have sold.

Part No.	For Use in Models	List Price
2701-1	A-8	\$1.00
P-12502	40 & 41	1.25
P-14749	61	1.50
P-14739	91 & 101	2.00
P-15523	62	1.50
P-10155	60	1.50
P-5897	90	2.00
P-12678	BA-85	1.50

WINDOW SILENCER

Prevents Annoying Vibration, Hum or Rattle of Windows



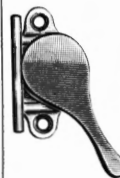
Windows in which air conditioners are installed are especially troublesome and often have a tendency to amplify slight vibrations from motors.

Silencers are quickly installed by slipping them between window sash and sash. Unlike wedges or other makeshift remedies, Philco Window Silencers do not interfere with opening or closing the window! . . . In fact, the window glides more freely because of the reduction in friction area.

Part No. 1SD-432—List Price **\$15**

WINDOW LOCK

Securely Fastens Partly Raised Windows



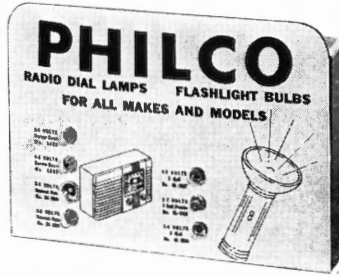
Install several of these locks on each window in which an air conditioner or ventilator duct is used. With very slight pressure, the handles can be turned to lock the window in the required, partly raised position. Windows cannot be raised

from the outside when these locks are used. In double hung windows, use locks on upper sash as well as lower—otherwise top sash can be lowered from outside when main window lock is unfastened.

Part No. 1SD-379—List Price **\$50**

RADIO DIAL LAMPS AND FLASHLIGHT BULBS

ALL TYPES NOW AVAILABLE IN NEW PHILCO VEST POCKET PACKAGE! . . . the handiest box ever devised for dial lamps and flashlight bulbs. Only slightly larger than a fountain pen, it actually enables you to carry a stock of several types in your vest pocket! Be sure to order all Philco long-life bulbs in multiples of 10 to obtain the benefit of this clever packing.



FLASHLIGHT BULBS

PENLIGHT TYPE for all 2-cell penlights

Part No.	Voltage	List Price
45-2836	2.2	\$.10

ROUND BULB Screw Base

Part No.	Voltage	List Price
45-2827	2.5 for all 2-cell flashlights	\$.10
45-2828	3.8 for all 3-cell flashlights	.10

RADIO DIAL LAMPS ROUND BULB—SCREW BASE

Illustrated Above

Part No.	Type No.	Voltage	Current Amps.	Filament Bead Color	List Price
34-2246	123	1.2	.3	Pink	\$.09
34-2031	50	6-8	.2	White	.10

CYLINDRICAL BULB Screw Base

Part No.	Type No.	Voltage	Current Amps.	Filament Bead Color	List Price
5316	48	2	.06	Pink	\$.20
3463	41	2.5	.5	White	.09
34-2047	42	3.2	.5	Green	.12
4567	40	6-8	.15	Brown	.09
6608	46	6-8	.25	Blue	.09

CYLINDRICAL BULB Bayonet Base

Part No.	Type No.	Voltage	Current Amps.	Filament Bead Color	List Price
34-2065	49	2	.06	Pink	\$.22
34-2150	....	2.1	.12	White	.22
34-2221	43	2.5	.5	White	.09
34-2064	44	6-8	.25	Blue	.09
34-2068	....	6-8	.15	Brown	.09
34-2184	....	6-8	.25	Blue	.15
34-2210	....	6-8	.25	Blue	.18

ROUND BULB Bayonet Base

Part No.	Type No.	Voltage	Current Amps.	Filament Bead Color	List Price
34-2040	51	6-8	.2	White	\$.09
34-2039	55	6-8	.4	White	.09
34-2038	63	6-8	.6	White	.09
34-2397	....	12-16	.1	White	.30
69-0004	....	6-8	.4	White	.15
34-2408	....	3.3	2 watts	Black	.40

COUNTER DISPLAY

Place this attractive display in your window or on your counter to increase sales. Inserted in the front of the display are the four radio dial lamps and the three flashlight bulbs that fill practically all small lamp needs. Packages of these popular bulbs are placed in the handy container forming the back of the display. No charge for the display when ordered complete with the bulbs it contains.

Part No. 45-2841—Display complete with ten of each of the following: 45-2827, 45-2828, 45-2836 Flashlight Bulbs and 3463, 6608, 34-2039, 34-2064 Radio Dial Lamps—List Price \$6.60.

AUTO RADIO ACCESSORIES

FUSES

Part No.	Current	List Price
45-2113	.25	\$.16
4540	1	.05
45-2046	3	.05
7331	8	.05
5676	10	.05
45-2559	14	.05
7227	15	.05
45-2659	20	.05

FUSE HOLDERS

Quickly assembled on leads with the following parts.
For Standard Size Fuse Holder

Part No.	Part	List Price
28-1269	Fuse Holder	\$.03
28-1270	Male Holder	.02
27-7133	Contact Insert	.02
28-8009	Spring	.50 per C
27-7132	Fibre Washer	.40 per C
27-7729	Insulating Tube	1.10 per C

For Small RMA Fuse

28-5610	Fuse Holder	.05
27-9049	Fibre Washer	.80 per C
28-8841	Spring	.01
27-4683	Bakelite Insulator	.03
28-5609	Metal Contact	.02
28-5608	Male Connector	.02
4169	Rubber Washer	1.20 per C

CHASSIS LOCK

Part No. 28-8272

Prevents theft of radio. Quickly assembled on radio mounting bolt. Makes removal of radio impossible without key.

List Price \$1.00

ELECTRICAL LOCK

Part No. 42-1076



Avoid run-down storage batteries! . . . install this key-operated switch to prevent operation of radio in owner's absence. Opens battery circuit when key is removed.

This lock also comes in handy to prevent tampering with any kind of electrical equipment. Switch rating is 2 amps. 110 volts.

List Price \$1.00

IGNITION SUPPRESSORS

ELBOW TYPE

Moulded in bakelite

List Price \$30



Part No.	Resistance
33-1101	5,000 ohms
33-1015	10,000 "
33-1016	20,000 "

CERAMIC TYPE

List Price \$30

Part No.	Resistance
33-1192	5,000 ohms
4531	25,000 "

DISTRIBUTOR RESISTORS

SNAP-ON TYPE



Bakelite Casing
List Price \$30

Part No.	Resistance
33-1102	5,000 ohms
33-1113	10,000 "
4851	25,000 "

SNAP-ON TYPE



Ceramic Casing

Part No. 4546—Resistance 25,000 ohms—List Price \$30

SCREW-IN TYPE

Moulded in bakelite

List Price \$30



Part No.	Resistance
33-1103	5,000 ohms
33-1196	10,000 "
33-1017	20,000 "

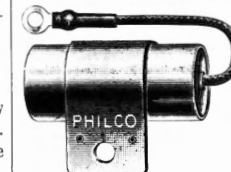
CHOKE TYPE SUPPRESSOR



The most effective ignition interference suppressor. Will often eliminate motor noise completely, with no other suppression, and has less effect on motor performance! Impregnated to withstand high temperatures.

Part No. 32-2250—List Price \$75

SUPPRESSORS CONDENSERS



Built to stand up under high temperatures and severe vibration. Easily mounted on generator. Eliminates brush interference.

Part No.	Mfd.	List Price
4522	1	\$.75
30-4490	1	.75
30-4007	0.5	.50
30-4176*	0.5	.50
30-4181*	0.5	.50

*Special for Ford Cars.

WHEEL STATIC ELIMINATOR



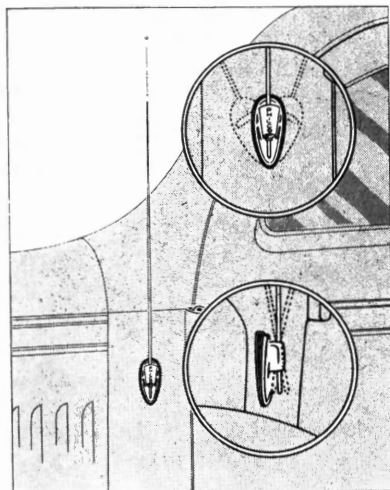
Eliminates wheel static by grounding hub caps to frame of car. Quickly installed.

Part No. 28-3584
List Price \$35

PHILCO AUTO RADIO AERIALS

FOR EVERY STYLE OF AUTOMOBILE BODY . . . FOR EVERY TYPE OF MOUNTING

Aerials
(Auto Radio)



LOOK AT THESE FEATURES . . . Extra heavy life-tested plating . . .
Anti-Rattle Construction . . . Low loss, high quality lead-ins
with new push-in plugs.

New — DUO-FLEX AERIAL

ADJUSTABLE IN ANY DIRECTION—AFTER INSTALLATION!

Slotted insulator permits the aerial to be shifted, toward front or rear of car, for a vertical or slanting position. A second adjustment, at base of aerial rod, compensates for slanted surface of cowl or fender.

EXTRA LONG, 48 INCH LEAD-IN (required for fender installations) plugs into socket in stanchion.

THREE SECTION ROD—Extends to 65 inches.

Part No. 91-0217 List Price **\$3.45**

New —THREE-WAY MOUNTING AERIAL

ONE AERIAL TAKES THE PLACE OF THREE!

Part No. 91-0216

All three types of mounting brackets illustrated are supplied with each aerial at no extra cost. **EXCLUSIVE BULLET-SHAPED METAL BASE** is insulated from aerial. Three section rod extends to 65 inches.

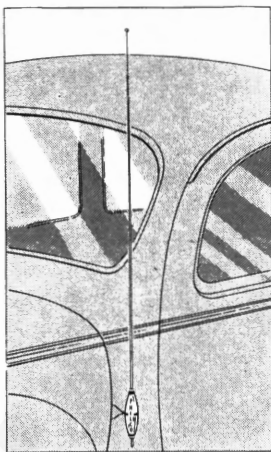
List Price **\$2.95**

1

Underhood Mounting

For all cars with side closing hoods.

Requires no drilling of exposed body surface.



2

Alligator Hood Mounting

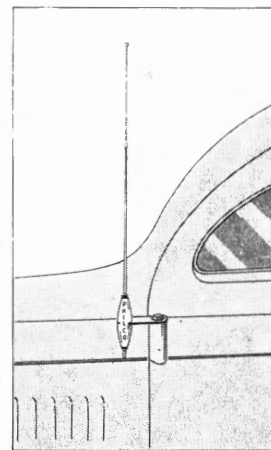
Requires no drilling. Bracket fastens to body bolt.



3

Hinge Pin Mounting

Knockout insert in hole for hinge pin—can be removed for larger hinge pins.



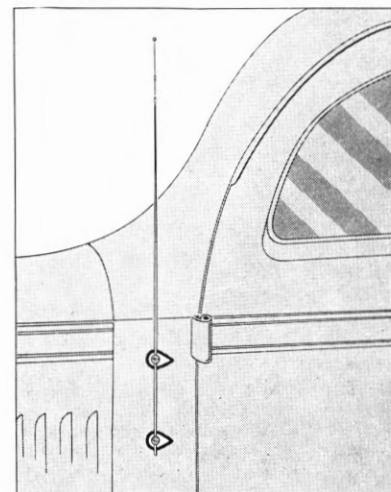
New —SIDE COWL AERIALS

STREAMLINED STANCHIONS—harmonize with modern body design. **ELONGATED STANCHION KITS** for slanting cowls included with each aerial at no extra cost.

Part No. 91-0219 Three section 65 inch aerial List Price **\$2.95**

***Part No. 91-0220** Four section 88 inch aerial List Price **\$4.25**

** Especially Recommended for All Short Wave Radios and Short Wave Tuners.*



Part No. 57-1949

LEAD-IN ADAPTORS



List Price \$.20

Adapts bayonet plug to pin type socket.

Adapts pin type plug to bayonet socket.

Part No. 57-2143



List Price \$.25

PHILCO SAFETY AERIAL

MAKES HORIZONTAL WIRE AERIALS OBSOLETE!

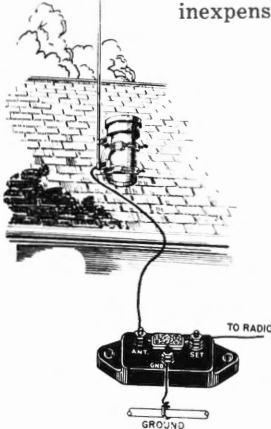
QUICK PROFITS—EASILY MADE—by selling and installing this popular all-wave aerial. Sales possibilities are unlimited, because every radio owner who still uses an old-fashioned horizontal wire aerial is a prospect, and there are hundreds of such customers in your own neighborhood.

EASY TO SELL—because it improves the appearance of the home, it improves reception, especially **FOREIGN RECEPTION**, and **YOU CAN QUOTE A LOW PRICE!** . . . The aerial, itself, is inexpensive and you can install it in less than a half hour!

RECOMMENDED BY POWER COMPANIES because it protects against shorts with power lines. In its vertical position it is less likely to fall across wires than a horizontal aerial, and furthermore, a high voltage condenser isolates the aerial from the radio.

FOR ALL SETS—OLD OR NEW. In many locations the new, loop operated sets require the additional pick-up of an outdoor aerial, and because of its low capacity the **SAFETY AERIAL** is ideal for the purpose.

COMPLETE AND READY TO INSTALL—40 foot weather-proof lead-in is already soldered to base of 12 foot, three section cadmium plated rod. Lightning arrestor, ground clamp and fittings to fasten aerial to flat surface or vent pipe, are packed with each aerial.



Part No. 40-6370—List Price **\$3.00**

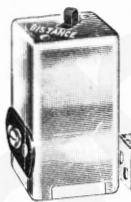
1941 OUTDOOR AERIAL

FOR ALL 1941 PHILCO HOME RADIOS

This aerial is similar to the Safety Aerial but includes the special plug-in coupler illustrated and described below. It is the only outdoor aerial to use with the 1941 Philco Home Radios in those locations where additional pick-up is needed.

Part No. 45-2817—List Price **\$3.85**

AERIAL COUPLER



Designed to adapt the loop operated 1941 Philco Radios for use with an outdoor aerial, this transformer provides the necessary matching without disturbing the sensitive American and Foreign Tuning System.

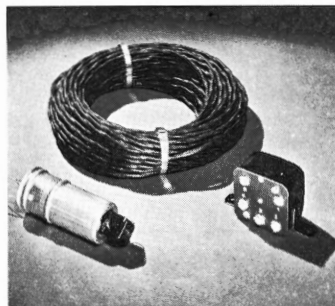
The coupler plugs into a three-hole socket at the back of the 1941 Philco chassis, and is secured permanently in place with a self-tapping screw supplied with it.

By means of a convenient switch at the top of the coupler, the outdoor aerial can be disconnected from the circuit, when improved receiving conditions make the additional pick-up unnecessary.

The coupler is included with the Philco 1941 Outdoor Aerial but is supplied separately for those customers who already have the Safety Aerial installed, and also for use by service men in testing the 1941 Philco Home Radio in the shop. Have one of these couplers on hand so that you will not have to remove the loop when bringing a chassis to the shop.

Part No. 76-1134—List Price **\$1.50**

NOISE REDUCING LEAD-IN SYSTEM



Converts any outdoor aerial to the noise-reducing type, and operates up to four radios.

This low impedance lead-in system eliminates any pick-up of noise between the aerial and the radio. It consists of a thoroughly impregnated aerial transformer, sixty feet of weather-proof, color-coded transmission line and a set matching transformer.

The set transformer has low impedance and high impedance secondaries to match any type of radio. Additional transformers can be used to operate a number of sets (up to four) from the aerial system.

Part No. 40-6484 List Price **\$3.95**

Additional Parts For Lead-in System

Part No.	Description	List Price
32-2565	Aerial Transformer	\$2.40
L-1551	Transmission Line (Black—100 ft.)	2.75
L-1591	Transmission Line (Ivory—100 ft.)	3.00
32-2763	Set Matching Transformer	2.50

PLUG-IN AERIAL



For use with Philco Portable Radios in shielded locations. Plugs into socket at the side of the radio and is quickly attached, with a vacuum cup, to the window of a shielded building, railroad car, airplane or automobile. Used in this manner, the plug-in Aerial enables the

traveller to use his portable radio in places where ordinarily it would not operate.

Part No. 45-2807 For Models 41-81, 41-83, PT-87. List price **\$1.25**
 45-2808 For Models 41-84, 41-85, 41-841, 41-851. List Price **\$1.25**
 45-2878 For Models 41-482, 41-843, 41-844. List price **\$1.25**



FARM RADIO AERIAL

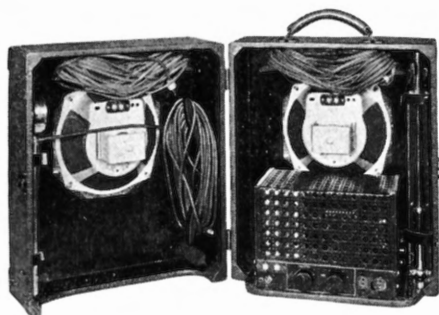
The completely assembled aerial, with lead-in and aerial wire already soldered together, and assembled to the strain insulator. Highest quality, durable materials—including sixty feet of heavy, seven-strand aerial wire, forty feet of weather-proof lead-in wire, flexible lead-in strap, porcelain strain insulators and nail-on knobs, lightning arrestor and ground clamp.

Part No. 40-6383 List Price **\$1.50**

PHILCO SOUND AMPLIFIERS AND INTERCOMMUNICATING EQUIPMENT

PORTABLE SOUND AMPLIFIER

High Power Output—Quality Reproduction—Plus Real Portability!



Now—With Beam Type Power Tubes

Amplifier—15 watts of output produces unusually high sound output through the use of high efficiency permanent magnet dynamic speakers.

With the same kind of performance and dependability for which every Philco product is well known, this Portable Amplifier is easier to sell! Here is the one amplifier outfit which entertainers (who generally are not versed in amplifier technique) can readily set up and operate. Among your customers are dozens of prospects for this high quality Portable Amplifier.

Have one of these amplifiers on hand at all times for rental purposes, loans (for publicity value) and demonstrations to prospects.

Amplifier can be used as shown in illustration, or the two speaker sections can be separated at hinges and placed in different locations. Each of the eight-inch speakers is equipped with 35 feet of flexible cable.

Entire outfit assembles into attractive portable case measuring 15 1/4" high, 13 1/4" wide and 10" deep. Total weight only 35 pounds.

Model 905 Portable Amplifier with lapel type crystal microphone. List Price \$100.00.

Model 905 Portable Amplifier with crystal microphone and combination banquet and floor stand. List Price \$110.00.

Part No. 37-6113—Amplifier Unit only (for use with Super Power Horns). List Price \$45.00.

LAPEL MICROPHONE



Part No. 35-4076—The use of the lapel-type microphone for public address work has recently become popular with every speaker who has had occasion to compare this type against the stand type of unit.

One of the biggest advantages of the lapel microphone is the complete freedom which is allowed the speaker during the course of his discussion. With the lapel microphone it is possible to move around the stage or platform without affecting volume level or reproduction in any way.

A spring clip on the PHILCO lapel microphone is provided so that the unit can be clipped on to the lapel or on to a shirt pocket. List Price \$25.00.

SUPER POWER HORN



Part No. 45-2699—For applications requiring exceptional power and distance range. This horn is particularly suitable for outdoor use where long range sound projection is usually a necessity. Extremely efficient permanent magnet dynamic speaker combined with exponential design of horn produces tremendous sound output with surprisingly low gain control setting at amplifier.

Voice coil impedance is 5 ohms at 400 cycles. Two of these speakers exactly match the output circuit of the Model 905 amplifier. If only one horn is used, one of the self-contained speakers of the Portable Amplifier should be left plugged-in. List Price \$45.00.

THE NEW PHILCOPHONE

AC-DC Intercommunicating System



PHILCOPHONE offers exceptional advantages at an amazing low cost . . . and can be installed anywhere, easily and quickly. It provides two-way communication between a Master Station and as many as five Remote Stations in other rooms or departments . . . saving time and wasted motion both in business and at home.

From the Master Station a separate conversation can be carried on with any one of five Remote Stations . . . and, with PHILCOPHONE, Remote Stations can also call and communicate with the Master Station.

The Master Station Unit is enclosed in an attractive, compact plastic cabinet. Combination speaker-microphone, controlled by "talk-listen" switch, permits instant conversation with any Remote Station. Volume can be adjusted as desired.

The "QUIET" push button on the master unit provides complete silence until incoming calls are received from remote stations.

The Remote Station Unit is a small speaker-microphone of modern design. The Master Station can be called by pressing a "call" button on the back of the Remote Station.

Fifty feet of special three-wire transmission line is supplied with the complete Philcophone, and with each additional Remote Phone.

Model 908—Master Unit complete with one remote station *List Price \$29.95

Model 909—Additional Remote Stations each *List Price 7.50

*Above List Prices slightly higher Denver and West.

Leaflets (envelope stuffer size) describing the new Philcophone are available from your Philco Distributor.

Additional 3-wire transmission line is available as follows for installations where 50 ft. cable included with each remote station is not sufficient.

Part No.		List Price
L-3278	50 ft. Roll	\$2.00
L-3283	100 ft. Roll	3.75

EXTENSION SPEAKER

Model 906



Six inch permanent magnet dynamic speaker in attractive walnut cabinet provides excellent reproduction when used as radio extension speaker. Also ideal for use with call systems, intercommunicating systems, etc.

On-off toggle switch on front of cabinet is connected in voice coil circuit. Voice coil impedance—

5 ohms at 400 cycles. List Price \$10.00.

CRYSTAL MICROPHONE AND FLOOR STAND



High quality crystal microphone includes 25 feet of shielded, rubber-covered cable and microphone connector plug.

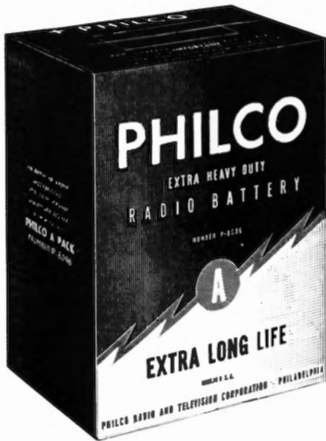
The telescoping stand adjustable for any height up to 6 feet can be left in the telescoped position for use on the banquet table, or extended for use on the floor.

Part No.	List Price
35-4069 Microphone	\$33.50
35-4071 Extension Piece	1.00
35-4070 Telescoping Stand	6.25

PHILCO DRY BATTERIES

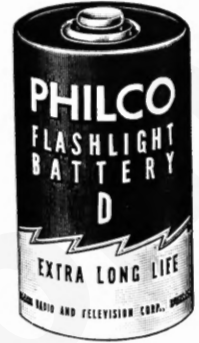
For Farm Radios — Portable Radios — Flashlights — and Utility Purposes

Batteries



For over a quarter century Philco has been identified as a leader in the battery field. The name "PHILCO" . . . in the battery industry as well as in other channels . . . always has been synonymous with the highest standards of design, manufacture and dependable service.

Philco batteries are built with long life and operating economy as primary considerations. They are packed with plenty of power to give better than ordinary service. All Philco batteries pass the most rigid laboratory and factory tests. For dependable performance, clear reception and freedom from annoying replacements, Philco batteries are unexcelled.



DESCRIPTION AND PRICE LIST

Type Number	Description	Std. Pkg.	Std. Pkg. Weight	List Price
PHILCO PLUG-IN BATTERIES FOR 1½ VOLT FARM SETS				
P602	"B"	1	15 ½	\$3.70
P816	"A"	1	7 ½	1.80
P60D - 11L	"AB" Combination	1	23 ¼	5.00
P60B - 6L	"AB" Combination	4	38	3.50
PHILCO PLUG-IN PORTABLE BATTERIES FOR 1½ VOLT PORTABLE SETS				
P305	"B"—Shipped in Kits for 1½ Volt Portable Battery Sets	2	5 ½	1.50
P94	"A"—Shipped in Kits for 1½ Volt Portable Battery Sets	1	2	.50
P305	"B"	10	29	1.50
P94	"A"	10	18	.50
P41A - 4FL	"AB" Combination	6	26 ½	2.50
P60A - 4L	"AR" Combination	6	39 ¾	3.50
P60A - 110	"AB" Combination	6	39 ¾	3.50
P60A - 8F4	"AB" Combination	6	40	3.50
P41A - 4G	"AB" Combination	6	26 ½	2.50
P841	"AB" Combination	6	39	3.50
P87	"AB" Combination	6	27	2.50
P89	"AB" Combination	6	8	1.95
PHILCO PLUG-IN "A" BATTERIES				
P8024	"A" 3 Volt	1	17	3.30
P8096	"A" 3 Volt	1	37 ¾	7.50
PHILCO PLUG-IN "B-C" BATTERIES				
P9068	B - C 135V "B" 9V "C"	1	42	7.50
P968	B - C 135V "B" 9 - 3V "C"	1	43	7.50
PHILCO "C" BATTERIES				
P3D	"C" 4 ½V	10	8	.35
P5B	"C" 7 ½V	10	6	.65
P15B - 5	"C" 22 ½V	10	15	1.00
PHILCO RADIO BATTERIES				
P30FL	Super Heavy Duty 45V	3	41	2.30
P30F	Heavy Duty 45V	6	70 ¾	1.75
P30D	Standard 45V	6	46	1.25
PHILCO FLASHLIGHT CELLS				
"C"	Baby Cell	72	8	.10
"D"	Heavy Duty	240	58	.10
"AA"	Penlight	180	7 ½	.05
PHILCO MYSTERY CONTROL BATTERIES				
BB30 - 12 - P	Mystery Pack	6	13	1.95
PHILCO ALL PURPOSE BATTERIES				
No. 6	All Purpose	25	60	.40
P4F	6V Lantern Battery	25	40	.50
P64	Multiple	6	56	1.85

REPLACEMENT LISTING

For All Philco Battery Models 1930 to 1941

Portable models indicated with asterisk (*)

PHILCO Radio Model	Correct PHILCO Replacement "A" Battery Type	Correct PHILCO Replacement Ballast Tube	Correct PHILCO Replacement "B" Battery Type
30	P-8096 or P-8024	6	(4) P-30-FL or (1) P-5-B "C" Battery
34	P-8096 or P-8024	1C1	P-968
34A	P-8096 or P-8024	1C1	P-968
35	P-8096 or P-8024	6	(1) P-15-B5 "C" Battery
36	P-8096 or P-8024	6	(3) P-30-FL (1) P-15-B5 (3) P-30-FL
37	P-8096 or P-8024	6	P-9068
38	P-8096 or P-8024	6	P-9068
38A	P-8096 or P-8024	6	P-9068
38-123	P-8096 or P-8024	1A1	P-9068
38A-123	P-8096 or P-8024	1A1	P-9068
39	P-8096 or P-8024	6	P-968
39A	P-8096 or P-8024	6	P-968
623	P-8096 or P-8024	6	P-9068
623A	P-8096 or P-8024	6	P-9068
643	P-8096 or P-8024	1C1	P-9068
643A	P-8096 or P-8024	1C1	P-9068
37-33	P-8096 or P-8024	1Y1	P-9068
37-38	P-8096 or P-8024	1F1	P-9068
37-623	P-8096 or P-8024	1F1	P-9068
37-643	P-8096 or P-8024	1Z1	P-9068
38-33	P-8096 or P-8024	1Y1	P-9068
38-38	P-8096 or P-8024	1F1	P-9068
38-623	P-8096 or P-8024	1F1	P-9068
38-643	P-8096 or P-8024	1Z1	P-9068
39-71*	P-94		(2) P-305
39-72*	P-94		(2) P-305
39-73*	P-94		(2) P-305
39-80	P-816		P-602
39-85	P-816		P-602
40-74*	P-94		(2) P-305
40-504*	P-94		(2) P-305

A-B COMBINATION BATTERY PACKS

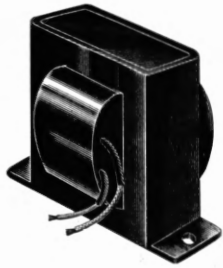
PHILCO Radio Model	Correct PHILCO Replacement Battery Type
39-70	P-60D-11L
39-75	P-60D-11L
40-81*	P-41A-4FL
40-82*	P-41A-4FL
40-84*	P-60A-110
40-PT-63*	P-41A-4FL
40-88*	P-60A-4L
40-80	P-60D-11L
40-95	P-60D-11L
40-100	P-60D-11L
40-105	P-60D-11L
40-110	P-60D-11L
41-95	P-60D-11L
41-100	P-60D-11L
41-105	P-60D-11L
41-110	P-60D-11L
41-90	P-60B-6L
41-81*	P-41A-4G
41-83*	P-41A-4G
41-84*	P-60A-8F4
41-85*	P-60A-8F4
41-841*	P-841
41-851*	P-841
41-PT-87*	P-87
41-PT-89C*	P-89

Coils

Filter Chokes and
Field Coils

PHILCO FILTER CHOKES AND FIELD COILS

A SIZE AND TYPE FOR EVERY PURPOSE



Filter-Audio CHOKES

Here is a complete line of general replacement audio and filter chokes with accurately wound coils which are vacuum impregnated against moisture. Laminations are of high quality silicon steel. Assortment of values and sizes meet the requirements of radio receivers of any make or model.

FILTER CHOKES

Part No.	Inductance Henries	D.C. Res. Ohms	D.C. M.A.	Dimensions			List Price
				Height	Width	Depth	
5643	3.5	150	120	2 3/4	2 3/4	1 3/4	\$1.80
32-7001	4	185	60	2	1 3/4	1 3/4	.80
32-7036	4	185	60	2	1 3/4	1 3/4	.90
32-7215	4	185	60	2	1 3/4	1 3/4	.90
32-7233	4	185	60	1 3/4	3	1 3/4	1.00
32-7254	4	185	60	2	1 3/4	1 3/4	1.00
32-7489	4	185	60	2	1 3/4	1 3/4	1.10
32-7827	4	185	60	1 3/4	3	1 3/4	1.00
32-7056	4.75	80	150	3 3/4	2 1/4	2 7/8	2.20
32-7822	5	325	50	1 3/4	3	1 3/4	1.00
32-7910	5	325	50	2	1 3/4	1 3/4	1.25
32-7115	5.25	170	125	2 1/2	2 3/4	2 1/4	1.80
6658	7	150	50	2 3/4	2 3/4	1 3/4	1.50
32-7038	7	150	50	2 1/4	2 3/4	1 3/4	1.15
32-7104	7	150	50	2 3/4	2 3/4	1 1/2	1.15
32-7118	7	150	50	2 1/4	2 3/4	1 1/2	2.00
32-7543	7	150	50	2 3/4	2 3/4	1 3/4	1.35
32-7710	7	150	50	2 1/2	2	1 1/2	1.25
32-7926	7	150	50	2	3 3/4	1 3/4	1.40
32-7960	7	375	40	1 3/4	2 1/2	1 3/4	1.00
4819	7.2	285	120	2 1/4	2 3/4	1 3/4	1.80
32-7351	7.5	400	50	1 3/4	3	1 3/4	.90
32-7491	7.5	400	50	2	1 3/4	1 3/4	.95
32-7544	7.5	400	50	2	1 3/4	1 3/4	.95
32-7545	7.5	400	50	1 3/4	3	1 3/4	.90
32-7722	7.5	400	50	2	1 3/4	1 3/4	1.20
32-7868	7.5	400	50	1 3/4	3	1 3/4	1.25
3422	8.5	200	105	3 3/4	2 3/4	2 3/4	3.00
4231	11	400	80	2	3 1/4	1 1/2	1.80
32-7452	11	400	35	2	1 3/4	1 3/4	.90
32-7668	11	400	35	2	2 1/2	1 3/4	1.20
32-7943	5	325	50	2	2 3/4	1 3/4	1.00
32-7959	5	325	50	1 3/4	2	2 3/4	1.25

AUDIO CHOKES

3472	27	1260	40	3 1/4	2 3/4	2 3/4	\$4.25
5314	50	4600	5	2 3/4	3	1 3/4	2.10
32-7018	65	2250	10	2	1 3/4	1 3/4	1.50
32-7476	65	2250	10	2	1 3/4	1 3/4	1.25
32-7528	65	2250	10	2	1 3/4	1 3/4	1.35
32-7569	65	2250	10	1 3/4	3	1 3/4	1.30
32-7667	65	2250	10	2	2 1/2	1 3/4	1.60
3518	68	5000	5	2 1/4	2 3/4	2	3.30
6712	70	750	1	2 3/4	2 3/4	1 3/4	1.50
32-7478	85	2250	0	1 3/4	3	1 3/4	1.50
5930	100	1925	10	2 3/4	2 3/4	1 3/4	1.75
32-7213	170	400	60	2 3/4	2 3/4	2 1/4	1.60

Speaker FIELD COILS

Philco General Replacement Field Coils are designed for use in speakers of any make or model. The windings are moisture proofed by vacuum impregnation with high-grade sealing compound. Heavily insulated externally to prevent damage electrically or mechanically.



Special Size Replacement FIELD COILS

Part No.	Resistance Ohms	Current M.A.	External Dia.	Internal Dia.	Length	List Price
2562	1125	65	2 1/4	1	1 3/4	\$1.85
32-9008	1140	65	2 1/4	3/4	1 1/4	1.50
32-9019	1140	50	2	3/4	3/4	1.25
32-9046	1140	65	2 1/4	1	1 1/4	1.85
32-9024	1450	80	3 3/4	1 1/2	2 1/4	3.20
32-9007	2600	40	2	3/4	3/4	1.25
2768	3100	40	1 7/8	1 1/8	2 1/4	2.00
2850	3200	40	3	1 1/4	2 3/4	4.50
2588	3275	40	2 1/8	1	1 3/4	2.00
32-9026	6500	40	3 3/4	1 1/2	2 1/4	6.35

Standard Size Replacement FIELD COILS

The Standard Field Coils listed below are designed for speakers having a one-inch core. The ideal replacement field for small compact receiver speakers.

Part No.	Resistance Ohms	Current M.A.	External Dia.	Internal Dia.	Length	List Price
32-9078	1000	90	2 1/2	1	1 1/2	\$1.95
32-9079	2000	70	2 1/2	1	1 1/2	2.45
32-9080	2500	65	2 1/2	1	1 1/2	2.20
32-9081	5000	40	2 1/2	1	1 1/2	2.70
32-9082	7500	32	2 1/2	1	1 1/2	3.00

RADIO FREQUENCY CHOKES

(Plate Circuit)

These plate circuit R. F. chokes are compact in form and designed for quick mounting. Windings and cores are moisture-proofed.

Part No.	Impedance Microhenries	List Price
03893	840	\$.35
32-1281	965	.40
32-1842	2200	.50
32-2139	8000	.55
32-1745	15000	.65

PHILCO MICA CONDENSERS

STANDARD AND SILVERED MICA TYPES

Condensers

(Mica)

SILVERED MICA CONDENSERS

Moulded Bakelite Type



Using the silvered mica construction these condensers are especially suitable for use in oscillator tuned circuits where entire freedom from variation is an absolute necessity. These condensers use the standard RMS color code.

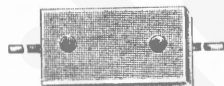
Body Size $\frac{3}{8}$ " x $\frac{1}{2}$ " x $\frac{3}{16}$ "

Part No.	Capacity Mmfd.	List Price
30-1139	15	\$.30
30-1173	30	.30
30-1174	65	.30
30-1181	*84	.35
30-1182	*87	.35
30-1193	*91	.35
30-1186	*98	.35
30-1194	*100.5	.35
30-1192	*104	.35
30-1175	120	.35
30-1177	*145	.35
30-1176	*155	.35
30-1178	*162	.35
30-1197	*185	.35
30-1179	*250	.35
30-1191	*400	.45
30-1195	*410	.45
30-1185	*435	.45

*1% tolerance! Others 3%.

SILVERED MICA CONDENSERS

Encased Type



Completely encased in isolantite these condensers are independent of variations in humidity or temperature.

Body Size $1\frac{1}{8}$ " x $1\frac{1}{8}$ " x $\frac{1}{8}$ "

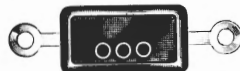
Part No.	Capacity Mmfd.	List Price
30-1123	20	\$.30
30-1112	25	.30
30-1113	35	.30
30-1122	130	.30
30-1121	155	.30
30-1198	*172	.35
30-1115	*200	.40
30-1104	250	.40
30-1196	*265	.35
30-1157	370	.35
30-1111	*395	.45
30-1116	420	.45

*1% tolerance! Others 3%.

STANDARD MICA CONDENSERS

MOULDED IN BAKELITE

Philco mica condensers are manufactured to high standards and held to close tolerances by rigid inspection which includes a flash test of 400 volts, D.C. Leads are securely attached to foils to ensure permanent electrical connection.



Body Size $1\frac{1}{4}$ " x $\frac{5}{8}$ " x $\frac{1}{4}$ "

Standard Tolerance

Part No.	Capacity Mmfd.	List Price
30-1014	400	\$.20
3910	500	.20
30-1015	900	.25
6773	1,000	.30
4059	2,000	.35
6009	3,000	.40
30-1052	4,700	.50
6359	6,000	.60

Close Tolerance

Part No.	Capacity Mmfd.	List Price
30-1055	2,250	.40
30-1026	2,500	.40
30-1071	4,000	.55
30-1058	5,200	.55
30-1043	6,000	.65



Body Size $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{16}$ "

Standard Tolerance

Part No.	Capacity Mmfd.	List Price
6897	25	\$.15
4990	35	.15
4587	50	.15
30-1011	80	.15
4519	110	.15
3082	250	.20
8311	300	.20
5120	410	.20
6898	600	.25
6021	800	.25
5215	1,000	.25
6022	1,800	.30

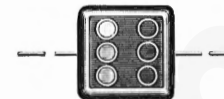
Close Tolerance

Part No.	Capacity Mmfd.	List Price
30-1005	110	.20
30-1027	410	.25



Body Size $1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $\frac{1}{4}$ "

Part No.	Capacity Mmfd.	List Price
30-1016	4,000	\$.45
30-1017	5,000	.45
30-1018	8,000	.60
30-1019	10,000	.70



Body Size $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{4}$ "

Standard Tolerance

Part No.	Capacity Mmfd.	List Price
5858	250	.20
5878	800	.25
30-1007	1,000	.25
30-1081	1,150	.25
30-1062	1,400	.30
30-1057	2,200	.35
30-1084	4,000	.45
30-1001	6,000	.60

Close Tolerance

Part No.	Capacity Mmfd.	List Price
30-1004	325	.25
30-1000	410	.25
30-1064	600	.30
30-1069	765	.30
30-1060	900	.30
30-1063	1,000	.30
5886	1,250	.35
7139	1,500	.35
5877	1,650	.35
30-1085	2,675	.40
30-1096	2,700	.40
30-1028	3,000	.45
30-1061	3,250	.45
30-1094	3,500	.45
30-1109	4,500	.55



Body Size $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{16}$ "

Standard Tolerance

Part No.	Capacity Mmfd.	List Price
30-1083	5	\$.15
30-1120	5	.15
30-1106	8	.15
30-1030	15	.15
30-1059	30	.15
30-1044	35	.15
30-1068	70	.15
30-1117	70	.15
30-1053	75	.15
30-1088	130	.15
30-1033	150	.15
61-0033	250	.20
30-1119	250	.20
61-0034	250	.20
30-1114	500	.20
30-1049	600	.25

Close Tolerance

Part No.	Capacity Mmfd.	List Price
30-1091	10	.20
61-0048	17	.20
30-1090	19	.20
30-1039	30	.20
30-1095	40	.20
30-1034	45	.20
30-1045	55	.20
30-1040	60	.20
30-1105	70	.20
30-1107	70	.20
30-1082	80	.20
30-1046	90	.20
30-1036	130	.20
30-1037	235	.25
30-1099	250	.25
30-1092	550	.25

PHILCO ELECTROLYTIC CONDENSERS

A SIZE AND TYPE FOR EVERY PURPOSE

LITTLE MIKE

Dry Electrolytics



THE SMALLEST ELECTROLYTIC CONDENSERS! Using etched foil construction, these condensers can be used to replace many types of larger condensers that are no longer available. Can be mounted in any position.

New Low Prices . . .

SINGLE SECTION

Part No.	Working Voltage	Capacity Mfd.	Diam. Inches	Length Inches	List Price
30-2417	50	5	1/8	1%	\$0.40
30-2418	50	10	1/8	1%	.45
30-2419	50	25	1/8	1%	.55
30-2359	150	3	1/2	2%	.40
30-2396	150	10	1/2	2%	.50
30-2420	150	20	3/4	1%	.60
30-2421	150	40	3/4	1%	.65
30-2422	250	4	1/2	1%	.45
30-2423	250	8	3/4	1%	.50
30-2424	250	16	3/4	1%	.75
30-2415	300	4	3/4	1%	.50
30-2473	350	8	3/4	2%	.55
30-2459	350	10	3/4	2%	.60
30-2401	400	4	3/4	2 1/4	.50
30-2409	400	12	3/4	2 1/4	.65
30-2438	400	20	3/4	3 1/2	.75
30-2425	450	4	1 1/4	1%	.55
30-2426	450	8	1 1/4	1%	.60
30-2427	450	12	1 1/4	1%	.75
30-2428	450	16	3/4	2%	.90
30-2429	450	20	3/4	2%	1.00
30-2411	475	4	3/4	2%	.55
30-2481	475	12	3/4	2 1/2	.80

TWO SECTION — COMMON NEGATIVE

30-2430	50	10-10	3/4	2%	.75
30-2388	150	6-6	3/4	2%	.75
30-2479	150	10-10	3/4	2%	.85
30-2453	150-25	10-20	3/4	2%	.75
30-2394	150	12-12	3/4	2%	.90
30-2382	150	20-20	3/4	2%	1.00
30-2391	150	20-40	3/4	3%	1.10
30-2449	150	40-60	3/4	3%	1.25
30-2431	200	16-16	3/4	2%	1.05
30-2434	250	8-16	3/4	2%	1.05
30-2467	250	10-10	3/4	2%	.95
30-2329	350	4-4	1	3 1/2	.95
30-2475	400	8-16	3/4	3 1/4	1.20
30-2432	450	8-8	1	2%	1.05
30-2433	450	8-16	1	2%	1.30
30-2480	475	8-16	3/4	3%	1.35
30-2437	475-25	12-20	1	2%	1.10

TWO SECTION — SEPARATE LEADS

30-2458	150	12-20	1%	2%	1.00
30-2457	150	20-20	1%	2%	1.10
30-2456	450	8-8	1%	3%	1.10
30-2455	450	16-16	1%	3%	1.40
30-2454	450	20-20	1 1/2	3%	1.50

THREE SECTION — COMMON NEGATIVE

30-2452	150	10-10-20	3/4	2%	1.15
30-2492	150	10-20-20	3/4	2%	1.30
30-2463	200-150-25	40-20-20	1	2%	1.10
30-2400	400	4-4-8	1%	2%	1.20

MIDGET METAL CASE

Dry Electrolytics

Smaller than the average metal case condensers — for use where space is limited.



Part No.	Working Voltage	Capacity Mfd.	Length Inches	Diameter Inches	List Price
30-2337	250	4	2 1/4	1	\$0.70
30-2338	250	8	2 1/4	1	.80
30-2339	250	12	2 1/4	1	.90
30-2340	450	4	2 1/4	1	.80
30-2341	450	8	2 1/4	1	.90
30-2342	450	12	2 1/4	1	1.00

SELF-MOUNTING

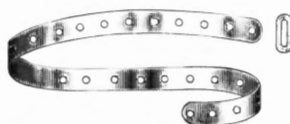
Dry, Multiple Capacity



Securely anchored in an instant, by bending mounting lugs under chassis. Ideal for new work, and a necessary stock item for replacements because of the increasing use of this type condenser in all new radios. All terminal lugs are color coded.

Part No.	Working Voltage	Capacity Mfd.	Diam. Inch.	Length Inch.	List Price
61-0068	200,150,25	10-10-20	1	2	\$1.25
61-0076	200,200,25	10-20-20	1	2 1/2	1.25
61-0050	300,300,25	5-10-20	1	2	1.25
61-0150	350,350,350,25	5-10-20-20	1 1/2	2 1/2	1.45
61-0028	350,350,25	10-10-20	1	2	1.25
61-0089	350,350,25	10-15-20	1	2 1/2	1.25
61-0086	350,350,25	10-20-20	1	2 1/2	1.25
61-0072	350,350,25	10-20-20	1 1/2	2 1/2	1.25

CONDENSER MOUNTING STRAP



A convenient means of fastening one or more electrolytic condensers to chassis. Eyelet supplied with each strap is used when several condensers are to be bound together.

Part No. 45-2846—List price each \$0.10

SPADE BOLT MOUNTING

Dry Electrolytics

1000 VOLTS INSULATION — between outside metal case and condenser! Requiring only two small mounting holes, these condensers are exceptionally easy to install.



Part No.	Working Voltage	Capacity Mfd.	Length Inches	Diameter Inches	List Price
30-2346	150	3	2%	1	\$0.90
30-2348	150	3-6	2 1/4	1	1.15
30-2387	150	16	3%	1%	1.45
30-2356	260	16	2%	1%	1.25
61-0022	300-300	5-5	4%	1	1.00
61-0018	350-350	4-8	4%	1	1.60
30-2488	400	8-12/16	2%	1%	1.75
30-2323	450	4-8	3%	1%	1.60

CARDBOARD CASE

Dry Electrolytics With Mounting Lugs

Low priced, small in size, these rectangular condensers are ideal for general replacement use. For mounting beneath chassis, or on any flat surface.



Part No.	Working Voltage	Capacity Mfd.	Height Inches	Width Inches	Length Inches	List Price
30-2043	245	6	1 1/8	1 1/8	2%	\$0.85
30-2059	245	8	1 1/8	1 1/8	2%	.95
30-2044	245	10	1 1/8	1%	2%	1.05
30-2221	250	8	1 1/8	1 1/8	3%	.95
30-2311	350	4-4	1%	1 1/8	3%	1.20
30-2064	450	4	3/4	1 1/8	4 1/8	.75
30-2065	450	6	3/4	1 1/8	4 1/8	.90
30-2066	450	8	3/4	1 1/8	4 1/8	.95
30-2220	450	8	1 1/8	1 1/8	3%	.95
30-2206	450	8-8	1 1/8	1 1/8	3%	1.50
30-2234	450	8-8	1%	1 1/8	4	1.50
30-2038	450	10	1 1/8	1 1/8	4 1/8	1.15

AC MOTOR CONDENSERS

Dry Electrolytic, Cartridge Type



Zinc container with mounting clip attached. Specially designed for use with small motor circuits, etc.

Part No.	AC Working Voltage	Capacity Mfd.	Length Inches	Diameter Inches	List Price
30-2361	30	30	2%	3/4	\$1.00
30-2377	30	45	2%	3/4	1.00

Condensers
(Tubular)

PHILCO TUBULAR CONDENSERS
STANDARD AND HIGH MELTING POINT TYPES

Philco Tubular Condensers are made to conform with the highest standards in the industry, and are held to exceedingly close tolerances. Leads are securely attached to foil to prevent any possibility of noisy or intermittent operation.



High Melting Point Type Philco Tubular Condensers are sealed with a wax that has a melting point considerably above the operating temperatures of any radio. These Condensers are therefore especially suitable for use in auto radios.

STANDARD TUBULAR CONDENSERS

WAX IMPREGNATED

WORKING VOLTAGE—200 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
30-4592	.001		1 1/2"	3/8"	\$.15
30-4555	.0015		1 1/2"	3/8"	.15
30-4597	.002		1 1/2"	3/8"	.15
30-4580	.003		1 1/4"	3/8"	.15
30-4583	.006		1 1/4"	3/8"	.15
30-4577	.0065		1 1/4"	3/8"	.15
30-4581	.01		1 1/4"	3/8"	.15
30-4529	.015		1 1/8"	1/8"	.15
30-4584	.02		1 1/4"	1/8"	.15
30-4585	.03		1 1/4"	1/8"	.15
30-4519	.05		1 1/4"	1/8"	.15
30-4373	.06		1 1/2"	1/8"	.20
30-4586	.10		1 1/2"	1/2"	.20
30-4593	.15		1 3/8"	23/64"	.25
30-4587	.20		1 3/4"	1/8"	.25
30-4588	.25		2"	5/8"	.25
30-4465	.30		2"	1 1/8"	.25
30-4590	.50		2"	3/4"	.35

WORKING VOLTAGE—400 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
30-4579	.002		1 1/8"	3/8"	\$.15
30-4578	.004		1 1/4"	3/8"	.15
30-4591	.006		1 1/4"	3/8"	.15
30-4112	.008		1 1/4"	3/8"	.15
30-4572	.01		1 1/8"	3/8"	.15
30-4515	.015		1 1/8"	1/2"	.15
30-4516	.02		1 1/4"	1/8"	.15
30-4517	.03		1 1/2"	1/8"	.15
30-4119	.04		1 1/2"	1/8"	.15
30-4518	.05		1 1/2"	1/8"	.15
30-4114	.06		1 1/2"	1/2"	.20
30-4115	.08		1 1/2"	1/2"	.20
30-4527	.10		1 1/2"	1/8"	.20
30-4508	.13		1 3/4"	1/8"	.25
30-4600	.15		1 3/4"	1/8"	.25
30-4594	.20		1 3/4"	1/8"	.25
30-4589	.25		2"	3/8"	.25
30-4528	.50		2"	1 1/8"	.35

**WAX IMPREGNATED
WORKING VOLTAGE—600 VOLTS, D.C.**

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
30-4582	.003		1 3/8"	3/8"	\$.15
30-4504	.006		1 3/8"	3/8"	.15
30-4501	.01		1 3/8"	3/8"	.15
30-4599	.02		1 5/8"	1/2"	.15
30-4520	.03		1 5/8"	1/2"	.20
30-4602	.05		1 5/8"	1/8"	.20
30-4289	.10		2 1/8"	3/8"	.25
30-4426	.25		2 1/2"	1 1/8"	.35
30-4427	.50		2 1/2"	1 1/8"	.50

**OIL IMPREGNATED
WORKING VOLTAGE—1000 VOLTS, D.C.**

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
30-4335	.0008		1 3/8"	3/8"	\$.20
30-4601	.001		1 1/2"	3/8"	.20
30-4336	.06125		1 3/8"	3/8"	.20
30-4177	.002		1 3/8"	3/8"	.20
30-4469	.003		1 1/4"	1/8"	.20
30-4185	.004		1 3/8"	1/8"	.20
30-4024	.006		1 3/8"	1/8"	.20
30-4317	.008		1 3/8"	1/8"	.20
30-4598	.01		1 3/8"	1/2"	.30
30-4552	.015		1 1/8"	1/8"	.30
30-4419	.02		2"	1/8"	.30
30-4560	.03		2 1/8"	3/8"	.30
30-4428	.05		2 1/8"	1 1/8"	.35
30-4429	.10		2 1/2"	1 1/8"	.50

WORKING VOLTAGE—1200 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
30-4453	.001		1 3/8"	3/8"	\$.25

WORKING VOLTAGE—1600 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
30-4525	.004		1 1/2"	1/8"	\$.35
30-4512	.006		1 1/8"	1/8"	.35

**HIGH MELTING POINT
TUBULAR CONDENSERS**

Especially Designed For Auto Radios

**OIL IMPREGNATED
WORKING VOLTAGE—100 VOLTS, D.C.**

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
61-0152	.07		1 1/4"	1/8"	\$.15
61-0151	.25		1 1/2"	1/8"	.25
61-0107	.50		2"	3/8"	.30

WORKING VOLTAGE—200 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
61-0121	.03		1 1/4"	3/8"	\$.15
61-0101	.05		1 1/4"	1/8"	.15
61-0104	.10		1 1/2"	1/2"	.20
61-0102	.25		1 1/8"	3/8"	.25
61-0133	.50		2"	3/8"	.35

WORKING VOLTAGE—400 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
61-0155	.006		1 1/4"	1 1/8"	\$.15
61-0100	.01		1 1/4"	3/8"	.15
61-0116	.02		1 1/4"	1/8"	.15
61-0122	.05		1 1/2"	1/8"	.15
61-0113	.10		1 1/2"	1/8"	.20
61-0125	.25		1 3/4"	1 1/8"	.25

WORKING VOLTAGE—600 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
61-0109	.003		1 1/4"	3/8"	\$.15
61-0120	.01		1 3/8"	3/8"	.15
61-0108	.02		1 5/8"	1/8"	.15
61-0119	.03		1 3/8"	1/8"	.20

WORKING VOLTAGE—1000 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
61-0123	.002		1 3/8"	3/8"	\$.20
61-0117	.003		1 1/4"	1/8"	.20
61-0129	.004		1 1/8"	1/8"	.20
61-0105	.006		1 3/8"	1/8"	.20
61-0124	.01		1 3/8"	1/2"	.30
61-0138	.015		1 1/8"	1/8"	.30
61-0118	.02		2"	1/8"	.30
61-0126	.03		2 1/8"	3/8"	.30

WORKING VOLTAGE—1500 VOLTS, D.C.

Part No.	Capacity		Dimensions		List Price
	Mfd.		Length	Diameter	
61-0130	.002		1 3/8"	1/8"	\$.35
61-0115	.003		1 3/8"	1/2"	.35
61-0153	.005		1 3/8"	1/8"	.35

PHILCO INTERFERENCE ELIMINATORS

FOR ELECTRICAL INTERFERENCE—FOR BROADCAST STATION INTERFERENCE

Interference Eliminators

NOISE FILTERS

For Elimination of Electrical Interference

PLUG-IN TYPE

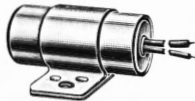


THE EASIEST KIND OF NOISE ELIMINATOR TO INSTALL. Simply plug it into the electrical outlet and plug the appliance causing the interference into the filter. A convenient terminal is provided on the case of the filter for grounding, where necessary.

See page 1 for free counter display to help you sell this product to store customers.

Part No. 45-2600—List Price **\$.85**

TWIN CONDENSER TYPE



A compact filter which is especially useful for eliminating noise from small motors particularly the AC-DC type. It is placed permanently in the circuit by connecting the two leads across the terminals of the motor or other appliance causing interference.

Part No. 45-2220—Small appliance filter—List Price **\$.75**

Part No. 45-2221—Large appliance filter with higher capacity condensers for use with the larger appliances such as oil burners and small flashing signs—List Price **\$ 1.00.**

TWIN CONDENSER AND CHOKE TYPE

Current Carrying Capacity 10 Amperes



A twin condenser and choke filter for obstinate cases of interference where a condenser filter will not entirely eliminate the noise. Effective on all electrical apparatus with current rating up to 10 amperes.

Part No. 45-2217—List Price **\$ 2.50**

SINGLE FILTER CHOKES



A compact and very effective choke for use in conjunction with condenser type filters when such filters alone will not entirely eliminate the interference.

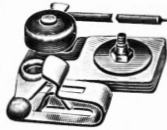
Part No. 45-2218—List Price **\$.75**

WAVE TRAPS

For Eliminating Station Interference—Cross Talk—Heterodynes

HIGH IMPEDANCE TYPES

For Outdoor Aerial Type Radios

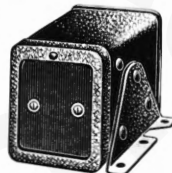


An inexpensive line of wave traps to cover the entire broadcast and police bands from 530 to 2450 K.C. Only four wave traps need be carried in stock to cover this wide range.

Each trap is adjustable and has a high attenuation factor at the frequency for which it is set. These wave traps are effective on all aerials using a single conductor lead-in wire.

Part No.	Frequency Range	List Price
Z658	530 to 700 K.C.	\$ 1.00
Z660	700 to 1000 K.C.	1.00
Z659	1000 to 1650 K.C.	1.00
Z630	1650 to 2450 K.C.	1.00

HEAVY DUTY CONDENSER FILTER



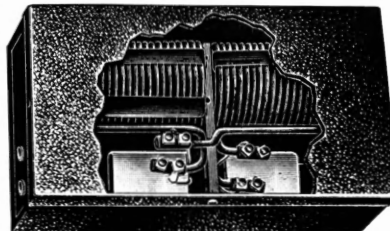
Designed for heavy duty industrial apparatus such as large motors, circuit breakers, etc.

Contains twin condensers for connecting to both sides of the line. Case is grounded. Working voltage 400 D.C.

Part No. 45-2219—List Price **\$ 3.00**

HEAVY DUTY POWER FILTER

Designed For Power Equipment Up to 5000 Watts!



Heavy Duty Power Filter for noise interference caused by large power equipment, big flashing signs, farm lighting plants, etc.

Does the job when everything else fails. Contains special filter chokes and twin condensers.

Model No. 0100—List Price **\$ 11.75**

FOR LOOP OPERATED RADIOS



Designed for all radios using high impedance loop aerials such as the Philco 1940 Models. Complete instructions for connection and adjustment supplied with each wave trap.

Part No. 38-9990—For use where no external aerial is connected to radio. It is connected in parallel with loop and is adjustable from 1000 to 1500 K.C. List Price **\$ 1.00.**

Part No. 38-9989—For use when outdoor aerial is connected to radio. Adjustable from 1300 to 1500 K.C. List Price **\$ 2.00.**

Part No. 76-1003—Used where outdoor aerial is connected to radio. This wave trap, which requires no adjustment, provides high attenuation of all signals above 1600 K.C. Designed especially for eliminating heterodynes caused by high frequency stations. List Price **\$ 2.50.**

LOW IMPEDANCE TYPES

For all aerials using transmission line lead-ins such as the Philco High Efficiency Aerial or the Philco Noise Reducing Lead-in System.

FOR LOW ATTENUATION



The R.F. wave traps listed below attenuate the signal to which they are tuned by a ratio of 15 to 1 and have practically no effect on any other signals in the short wave and broadcast bands.

Part No.	Frequency Range	List Price
38-9130	540 to 700 K.C.	\$ 2.00
38-9131	700 to 1100 K.C.	2.00
38-9132	1100 to 1500 K.C.	2.00

FOR HIGH ATTENUATION

Illustrated Above

I.F. and low frequency R.F. wave traps that reduce the interfering signal 500 to 1. These traps will completely absorb the interfering signal of powerful local stations that cause cross-talk or I.F. interference. The traps have no effect on the sensitivity of the short wave band.

Part No.	Frequency Range	List Price
38-9128	460 to 800 K.C.	\$ 2.00
38-9129	800 to 1500 K.C.	2.00

AERIAL LOADING COIL



This aerial loading coil is used for reducing cross-talk from high powered nearby stations. Can be used with any transmission line aerial, such as the Philco High Efficiency Aerial or the Philco Noise Reducing Lead-in System. The loading coil has an attenuation factor of 10 to 1 on broadcast band signals and has no effect whatever on the sensitivity of the short wave band.

Connects across the transmission line terminals.

Part No. 32-2417—List Price **\$.30**

PHILCO KNOBS—CONNECTORS—SOCKETS

FOR ALL REPLACEMENTS—FOR ALL SPECIAL EQUIPMENT

Knobs, connectors and sockets

CONTROL KNOBS

For 1/4" Shafts With Quarter Diameter Reduction at Flat

Part No.	Diameter Inches	Color	List Price
27-4088	1 1/8	Black	\$.12
03334	7/8	Black	.10
03063	1 1/8	Brown	.10
03064	7/8	Brown	.10
27-4032	1 1/8	Ivory	.25
06923	7/8	Ivory	.20



Part No.	Diameter Inches	Color	List Price
03437	3/4	Brown	\$.05



Part No.	Diameter Inches	Color	List Price
27-4332	1 1/2	Brown	\$.10
27-4208	1 1/2	Black	.10

Dual Type



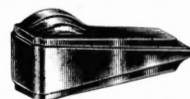
Part No.	Diameter Inches	Color	List Price
27-4331	1 1/2	Brown	\$.10
27-4207	1 1/2	Black	.10

INNER KNOB



Part No.	Diameter Inches	Color	List Price
27-4330	1 1/2	Brown	.10
27-4206	1 1/2	Black	.10

OUTER KNOB



Part No.	Length Inches	Color	List Price
27-4326	1 1/2	Brown	\$.10



Part No.	Diameter Inches	Color	List Price
27-4604	1	Brown	\$.10
27-4737	1	Tan	.15



27-4987	1	Tan	.15
54-4023	1	Brown	.10

For 1/4" Shafts With Half Diameter Reduction at Flat



Part No.	Diameter Inches	Color	List Price
27-4896	3/4	Red	\$.15
27-4942	3/4	Green	.15
27-4835	3/4	Blue	.15
27-4940	3/4	Purple	.15
27-4899	3/4	Ivory	.15
27-4829	3/4	Black	.15
27-4815	3/4	Tan	.10
27-4820	3/4	Brown	.10



27-4809	3/4	Brown	.10
27-4810	3/4	White	.10



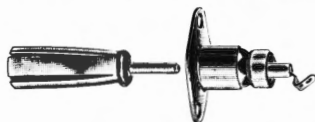
Wood Knob			
Part No.	Diameter	Material	List Price
27-4936	3/4	Maple	.15

CABLE CONNECTORS

AUTO RADIO AERIAL CONNECTORS

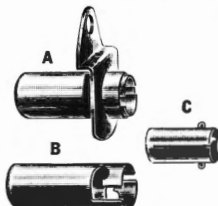
Push-in Pin Type

Also suitable for coaxial lead-in cable.



Part No.	Socket	Plug	List Price
57-0591	\$.15
57-059010

BAYONET CONNECTORS



(A) — Chassis mounting socket consists of following:

Part No.	List Price
28-2711 Housing	\$.10
28-8009 Spring per C	.50
27-7132 Insulator per C	.40
27-7133 Contact	.02

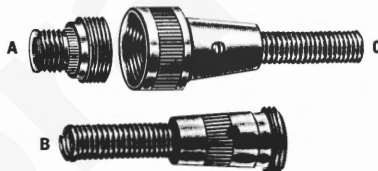
(B) — Cable type socket—same assembly as above except housing, Part No. 28-1272—List Price per C \$1.50.

Plug (C) consists of:			
Part No.	Housing	Contact	List Price
28-1270	\$.02
27-713302

MICROPHONE CONNECTORS

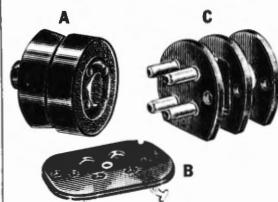
For Shielded Cable

Plug is fastened to socket by threaded cap.



Part No.	Chassis Mounting Socket (A)	Cable Type Socket (B)	Plug (C)	List Price
27-4617	\$.40
27-468255
27-461670

SPEAKER CONNECTORS



Plugs (C) consist of:

Part No.	Plug	Spacer	Cap	List Price
36-3160	\$.07
27-720502
27-7204	Per 100 1.50

Either part of connector can be mounted on speaker or chassis.



No. of Con-tacts	Part No.	List Price	Female Con-nect- or	Part No.	List Price	Male Con-nect- or	Part No.	List Price
3	27-4413	\$.10	27-4410	27-4410	\$.10	27-4411	27-4411	.10
4	27-4414	.10	27-4411	27-4411	.10	27-4412	27-4412	.10
5	27-4415	.10	27-4412	27-4412	.10			

TWO WIRE CONNECTOR

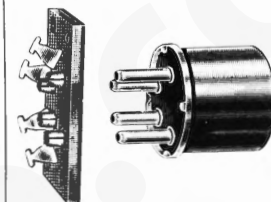


Can be used for 110 Volt circuits.

Socket consists of:

Part No.	Socket	Cap	List Price
27-6098	\$.10
28-446815

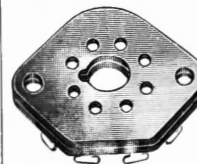
Plug with cap—Part No. 45-6104—List Price \$.25.



Chassis Connectors With Wafer Sockets

Socket Part No.	List Price	Plug Assembly Part No.	List Price
4 wire 27-6025	\$.08	217-1057	\$.10
2 wire 27-6115	.07	27-4785	.10
Reversible 27-6089	.12	28-5390	.05
Polarized (twin sockets)		27-4622	.05
		28-5390	.05

TUBE SOCKETS



STANDARD SOCKETS Using Filament Prongs as Guides

Part No.	Prongs	List Price
27-6018	4 prong	\$.10
27-6006	4 prong (Rectifier Circuits)	.10
27-6044	4 prong	.10
27-6035	5 prong	.11
*27-6124	5 prong	.15
27-6036	6 prong	.11
*27-6123	6 prong	.15
27-6037	7 prong	.11

Octal Sockets

27-6086	6 prong (No. 1 & 6 out)	.11
*27-6121	6 prong (No. 1 & 6 out)	.15
27-6087	7 prong (No. 1 out)	.11
*27-6099	7 prong (No. 1 out)	.15
27-6053	7 prong (No. 4 out)	.11
27-6057	7 prong (No. 6 out)	.11
27-6058	8 prong	.11

Loktal Sockets

27-6130	8 prong, small base	.15
27-6131	8 prong, long base	.15
*27-6129	8 prong	.20

*Special moisture-proof insulation.

PHILCO IDENTIFIED RESISTORS

RESISTANCE VALUE STAMPED ON METAL TAGS

STANDARD RMA
COLOR CODE



RESISTANCE VALUE STAMPED ON METAL TAG, attached to every resistor. Tag is easily removed if desired, by a touch of the soldering iron, when installing resistor.

INSULATED FOR 1000 VOLTS—by moulded covering over resistance element.

NOISELESS OPERATION—assured by permanent anchoring of leads in moulding operation, eliminating strain on joints with resistance element.

PRICED NO HIGHER THAN ORDINARY RESISTORS!

1/2 WATT IDENTIFIED RESISTORS

List Price Each

17c

Body Size 5/8" x 3/16"

Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.
10	33-010339	390	33-139339	3,900	33-239339	33,000	33-333339	300,000	33-430339
15	33-015339	400	33-140339	4,000	33-240339	39,000	33-339339	330,000	33-433339
16	33-016339	450	33-145339	4,700	33-247339	40,000	33-340339	340,000	33-434339
20	33-020339	470	33-147339	5,000	33-250339	43,000	33-343339	350,000	33-435339
22	33-022339	500	33-150339	5,600	33-256339	45,000	33-345339	400,000	33-440339
27	33-027339	600	33-160339	6,000	33-260339	47,000	33-347339	470,000	33-447339
28	33-028339	680	33-168339	6,200	33-262339	50,000	33-350339	490,000	33-449339
33	33-033339	700	33-170339	6,800	33-268339	51,000	33-351339	500,000	33-450339
35	33-035339	800	33-180339	7,500	33-275339	60,000	33-360339	600,000	33-460339
50	33-050339	820	33-182339	8,000	33-280339	68,000	33-368339	680,000	33-468339
60	33-060339	1,000	33-210339	8,200	33-282339	70,000	33-370339	750,000	33-475339
68	33-068339	1,200	33-212339	9,000	33-290339	75,000	33-375339	1,000,000	33-510339
70	33-070339	1,300	33-213339	10,000	33-310339	99,000	33-399339	1,500,000	33-515339
100	33-110339	1,400	33-214339	12,000	33-312339	100,000	33-410339	2,000,000	33-520339
110	33-111339	1,500	33-215339	13,000	33-313339	120,000	33-412339	2,200,000	33-522339
120	33-112339	1,800	33-218339	15,000	33-315339	150,000	33-415339	3,000,000	33-530339
130	33-113339	2,000	33-220339	16,000	33-316339	160,000	33-416339	3,300,000	33-533339
150	33-115339	2,200	33-222339	18,000	33-318339	180,000	33-418339	3,500,000	33-535339
180	33-118339	2,400	33-224339	20,000	33-320339	190,000	33-419339	3,800,000	33-539339
200	33-120339	2,700	33-227339	22,000	33-322339	200,000	33-420339	4,000,000	33-540339
220	33-122339	2,900	33-229339	25,000	33-325339	220,000	33-422339	4,700,000	33-547339
250	33-125339	3,000	33-230339	27,000	33-327339	240,000	33-424339	5,000,000	33-550339
300	33-130339	3,300	33-233339	30,000	33-330339	250,000	33-425339	6,000,000	33-560339
330	33-133339	3,500	33-235339	32,000	33-332339	270,000	33-427339	10,000,000	33-610339
								15,000,000	33-615339

1 WATT IDENTIFIED RESISTORS

List Price Each

20c

Body Size 15/16" x 1/4"

Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.
10	33-010439	900	33-190439	10,000	33-310439	70,000	33-370439	700,000	33-470439
16	33-016439	1,000	33-210439	12,000	33-312439	75,000	33-375439	750,000	33-475439
20	33-020439	1,400	33-214439	13,000	33-313439	85,000	33-385439	800,000	33-480439
27	33-027439	1,500	33-215439	15,000	33-315439	90,000	33-390439	900,000	33-490439
28	33-028439	2,000	33-220439	16,000	33-316439	98,000	33-398439	910,000	33-491439
40	33-040439	2,200	33-222439	17,000	33-317439	99,000	33-399439	1,000,000	33-510439
50	33-050439	2,500	33-225439	18,000	33-318439	100,000	33-410439	1,500,000	33-515439
60	33-060439	2,700	33-227439	20,000	33-320439	120,000	33-412439	1,700,000	33-517439
70	33-070439	2,900	33-229439	22,000	33-322439	150,000	33-415439	1,800,000	33-518439
85	33-085439	3,000	33-230439	25,000	33-325439	160,000	33-416439	2,000,000	33-520439
100	33-110439	3,300	33-233439	27,000	33-327439	170,000	33-417439	2,400,000	33-524439
130	33-113439	3,500	33-235439	30,000	33-330439	190,000	33-419439	2,500,000	33-525439
150	33-115439	4,000	33-240439	32,000	33-332439	200,000	33-420439	2,500,000	33-525439
200	33-120439	4,500	33-245439	35,000	33-335439	240,000	33-424439	3,000,000	33-530439
220	33-122439	4,700	33-247439	37,000	33-337439	250,000	33-425439	3,500,000	33-535439
250	33-125439	4,900	33-249439	39,000	33-339439	300,000	33-430439	4,000,000	33-540439
280	33-128439	5,000	33-250439	40,000	33-340439	330,000	33-433439	5,000,000	33-550439
300	33-130439	5,600	33-256439	45,000	33-345439	340,000	33-434439	6,000,000	33-560439
400	33-140439	6,000	33-260439	47,000	33-347439	350,000	33-435439	7,000,000	33-570439
500	33-150439	6,200	33-262439	50,000	33-350439	400,000	33-440439	8,000,000	33-580439
600	33-160439	7,000	33-270439	51,000	33-351439	490,000	33-449439	9,000,000	33-590439
700	33-170439	7,500	33-275439	56,000	33-356439	500,000	33-450439	10,000,000	33-610439
750	33-175439	8,000	33-280439	60,000	33-360439	600,000	33-460439	10,000,000	33-610439
800	33-180439	9,000	33-290439	65,000	33-365439	680,000	33-468439	15,000,000	33-615439

PHILCO HEAVY DUTY RESISTORS

CONSERVATIVELY RATED—INSPECTED FOR ACCURACY

Resistors
(Heavy Duty)

2 WATT IDENTIFIED RESISTORS

(Illustrated on opposite page)

Body Size 2" x 3/8"

List Price Each **30¢**

Ohms	Part No.
1,000	33-210539
1,400	33-214539
1,800	33-218539
2,000	33-220539
3,000	33-230539
4,000	33-240539
5,000	33-250539
7,500	33-275539
9,000	33-290539
10,000	33-310539
13,000	33-313539
15,000	33-315539
16,000	33-316539
20,000	33-320539
25,000	33-325539
32,000	33-332539
37,000	33-337539
50,000	33-350539
51,000	33-351539
75,000	33-375539
100,000	33-410539
250,000	33-425539
750,000	33-475539

3 WATT IDENTIFIED RESISTORS

Body Size 2 1/2" x 7/16"

List Price Each **30¢**

Ohms	Part No.
5,000	33-250649
7,500	33-275639
10,000	33-310639
13,000	33-313639
15,000	33-315639
16,000	33-316639
25,000	33-325639
30,000	33-330639

WIREWOUND TUBULAR TYPE



Similar in appearance to the identified resistor. The silver band on the end indicates wirewound.

1/2 Watt—List Price **17¢**

Body Size 5/8" x 3/16"

Ohms	Part No.
1.6	33-916336
1.8	33-918336
5	33-950336
8.3	33-983326
10	33-010336
12.3	33-1273
14	33-014326
15	33-015336
16.4	33-1266
16.7	33-1267
18	33-018336
20	33-020326
27	33-027336
33	33-033336
39	33-039336
40	33-040336
47	33-047336
56	33-056336
60	33-060336
68	33-068336
100	33-110336
120	33-112336
130	33-113336
150	33-115336
180	33-118336
190	33-119336
200	33-120336
220	33-122336
270	33-127336
300	33-130336
330	33-133336
390	33-139336
400	33-140336
450	33-145346
470	33-147336
500	33-150336
560	33-156336
600	33-160336
620	33-162336
650	33-165326
680	33-168336
800	33-180326
1,000	33-210336

1 Watt—List Price **20¢**

Body Size 1 1/4" x 1/4"

Ohms	Part No.
3.4	33-934416
10	33-010436
16	33-016436
33	33-033436
50	33-050436
60	33-060436
68	33-068436
100	33-110436
150	33-115436
200	33-120436
250	33-125436
270	33-127436
300	33-130436
330	33-133436
400	33-140436
450	33-145436
470	33-147436
500	33-150436
620	33-162436
700	33-170436
900	33-190436

FLAT WIREWOUND



Designed like a mica condenser—for use where space is limited.

1 Watt—List Price **20¢**

Body Size 1" x 3/8" x 1/8"

Ohms	Part No.
3	33-930418
12	33-012438
33	33-033428
50	33-050438
75	33-075428
100	33-110438
150	33-115438
180	33-118438
220	33-122438
250	33-125438
270	33-127438
280	33-128438
300	33-130438
350	33-135438
400	33-140438
430	33-143438
450	33-145438
500	33-150438
600	33-160438
700	33-170438
820	33-182438
900	33-190438
10,000	33-310438

HEAVY DUTY WIREWOUND RESISTORS



These resistors are designed to stand up under heavy overloads—high humidity and high temperatures.

Body Size 1 3/4" x 7/16"

Ohms	Part No.	List
100	33-3251	\$.50
150	33-3252	.50
200	33-3253	.50
250	33-3254	.50
300	33-3255	.50
400	33-3256	.50
500	33-3257	.50
600	33-3258	.50
700	33-3259	.50
800	33-3260	.50
1,000	33-3242	.50
1,200	33-3261	.50
1,500	33-3262	.50
2,000	33-3243	.50
2,500	33-3263	.50
3,000	33-3244	.50
4,000	33-3266	.50
5,000	33-3267	.50
6,000	33-3245	.50
7,500	33-3268	.50
10,000	33-3246	.50
12,000	33-3269	.50
15,000	33-3247	.50
20,000	33-3264	.50
25,000	33-3265	.50

RADIO MANUFACTURERS SERVICE SUPPLIES

FOR GREATER VALUE FROM YOUR RMS MEMBERSHIP

700 CUSTOMERS SENT TO YOU BY PHILCO!



All Philco customers—15,000,000 of them have been referred to RMS members—by means of printed notices in instruction sheets, on station tab envelopes, on stickers placed in radios and by thousands of individual letters in reply to inquiries from Philco owners asking where to obtain dependable service. These recommendations provide an average of 700 Philco customers to each of the 22,000 members of Radio Manufacturers Service.

Be sure of obtaining your share of this service business by identifying yourself with Radio Manufacturers Service. Use every one of the items listed on these pages to become established as the Official Local Representative of the world's largest service organization—sponsored and backed by Philco—the best known name in Radio.

ADVERTISE YOUR SERVICES

—By displaying these signs



LARGE OUTDOOR SIGN

PR-269A—A durable metal sign 20" x 30", lithographed in two colors—yellow and blue. Complete with ornamental wrought iron hanger.
Net Price\$2.50



Indoor Metal Sign

PR-527—Yellow and blue, 15" in diameter. Useful inside shop or in window.
Net Price\$65



OUTDOOR CLOTH BANNER

PR-617—Completely weather-proof. 36" x 12". Printed in three colors.
Net Price\$40

ILLUMINATED WINDOW SIGN



PR-399—Finished in three colors. Resembles a neon sign when illuminated. Economical to light at night, requiring only a 25 watt bulb. A flasher can be used to increase its effectiveness if desired. It is also effective in daylight without illumination.
Net Price\$2.00

—By distributing these sales builders



PR-621—Blotter. Attractive and useful, printed in two colors, red and black, on white stock. Size 6 1/2" x 3 1/2". For standard envelope enclosure. Net Price including imprinting, per 1000—\$8.50.



PR-405—Special business card. Printed in two colors, red and black, on white stock. This card, designed for use as a circular for leaving under doors, etc., is 2 1/2" x 4". Net Price including imprinting, 500—\$2.05; 1000—\$3.40.



PR-521—Program Reminder. Net price including imprinting, 250—\$1.70; 500—\$3.10; 1000—\$5.45.

ENVELOPE ENCLOSURES



Ask your Philco Distributor to show you samples of these business promoting cards and envelope enclosures. Among these assortments you will find a card with every type of message with the kind of variety you need in advertising your services in the neighborhood.

Form No.	Description	Net Price	Form No.	Description	Net Price
PR-523	Mailing Enclosure	\$4.80 M	PR-628	Mailing Card	\$4.80 M
PR-524	Mailing Enclosure	4.80 M	PR-629	Mailing Card	5.95 M
PR-530	Mailing Enclosure	5.50 M	PR-631	Circular	3.85 M

ANOTHER SERVICE TO RMS MEMBERS

Here is a complete assortment of RMS Stationery for the special needs of the radio service business. Using these items will help to keep your name before your customers and to remind them of your affiliation with Radio Manufacturers Service.

All RMS Stationery is now printed in blue, on high grade yellow stock. The low net prices of all items shown on this page include imprinting (with exception of PR-222B and PR-638 which are not imprinted).



BUSINESS CARD

PR-223B
500 \$2.00
1000 \$3.00



ESTIMATE FORM

PR-404A
500 \$3.10
1000 \$5.45



New Design LETTERHEAD

PR-219B
500 \$3.10
1000 \$4.50

ENVELOPE

PR-220B
500 \$3.85
1000 \$6.60



GUARANTEE CERTIFICATE

PR-638
250, \$1.75; 500, \$3.00;
1000, \$4.95



SERVICE RECORD CARD

PR-222B 3"x5"
500 \$1.60
1000 \$3.10



BILL FORMS

PR-221B
500 \$2.65
1000 \$3.80



New Style TUBE STICKER

PR-625
\$1.25 per 1000



CHASSIS STICKER

PR-624
500 \$1.60
1000 \$2.40



REPAIR TAG

PR-406B
500 \$2.50
1000 \$4.10

COMPLETE SERVICE INFORMATION ON ALL PHILCO RADIOS

Wiring diagrams are available to servicemen for every Philco radio which has ever been built. These have been published as manuals and year books and there are now four volumes available. Volume No. I includes all of the Philco home set models up to the 1937 line. Volume No. II covers all models in the 1937 and 1938 line. The 1939 RMS Year Book contains diagrams on all home and auto radio sets of the 1939 series. Likewise, the 1940 RMS Year



Book contains complete diagrams and alignment instructions on all of the home sets and auto radio sets of the 1940 series. Volumes No. I and No. II are available complete with RMS binder at \$1.25 net each. The 1939 Year Book is available at 75 cents net in a self-bound cover. The 1940 Year Book sells at \$1.00 net. All of these wiring diagram books are obtainable from the Philco distributor.

PHILCO UNIVERSAL SPEAKERS

FOR REPLACEMENTS—EXTENSIONS—PUBLIC ADDRESS SYSTEMS



TYPE A



TYPE B

Philco dynamic speakers are largely responsible for the high quality reproduction which has made Philco Radio a musical instrument of quality. The types listed on this page have unusually high efficiency in converting electrical output watts from an amplifier into the maximum number of sound watts.



TYPE C



TYPE D

Part No.	Voice Coil Impedance at 400 Cycles	Field Resistance Ohms—DC or Ounces of P.M.	Primary Impedance of Output Transformer on Speaker at 400 Cycles	Hum Bucking Coil	Type	List Price
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3-INCH PERMANENT MAGNET

36-1532	3.2	none	none	D	\$3.25
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4-INCH ELECTRO-DYNAMIC

36-1469	3.0	500	2000	yes	C	\$4.00
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4-INCH PERMANENT MAGNET

36-1517	3.2	3.6	none	none	C	3.00
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5-INCH ELECTRO-DYNAMIC

36-1510	3.5	1700	none	yes	D	4.00
36-1426	1.0	1700	none	none	B	4.00
36-1461	3.1	1700	8000	none	B	4.50
36-1444	3.1	3000	none	none	B	4.25
36-1484	3.5	1800	none	none	C	4.25
36-1486	3.2	3500	2700	none	B	5.00

5-INCH PERMANENT MAGNET

36-1521	3.2	5	8000	none	C	5.00
36-1476	3.0	7	none	none	C	5.50
36-1482	3.0	7	25,000	none	C	6.50
36-1526	3.2	7	none	none	C	4.50
36-1506	3.0	8	none	none	D	5.00
36-1451	3.0	7	13,500	none	B	6.50
36-1341	5.25	8	none	none	D	6.25

6-INCH PERMANENT MAGNET

36-1472	3.0	7	none	none	D	6.50
36-1436	5.5	36	none	none	D	12.00

6-6½-INCH ELECTRO-DYNAMIC

36-1519	5.0	1075	none	yes	A	4.75
36-1525	3.3	500	none	yes	B	4.00
36-1452	5.0	1600	none	none	A	4.75
36-1345	.95	1700	8000	none	B	5.00
36-1362	.95	3000	3600	none	B	5.00
36-1439	5.0	2000	none	none	A	4.75

8-INCH PERMANENT MAGNET

36-1447	3.0	12	none	none	A	7.50
36-1488	3.0	12	none	none	A	7.50
36-1455	3.0	13	none	none	A	7.50

8-INCH ELECTRO-DYNAMIC

36-1480	3.5	1700	none	yes	A	6.25
36-1445	3.5	3000	none	none	A	6.50
36-1453	5.0	800	none	none	A	6.50

Part No.	Voice Coil Impedance at 400 Cycles	Field Resistance Ohms—DC or Ounces of P.M.	Primary Impedance of Output Transformer on Speaker at 400 Cycles	Hum Bucking Coil	Type	List Price
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10-INCH PERMANENT MAGNET

36-1518	3.0	12	none	none	A	\$8.00
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10-INCH ELECTRO-DYNAMIC

36-1513	3.5	1700	none	yes	A	6.25
36-1485	3.0	830	none	none	A	7.50
36-1459	5.0	830	none	none	A	7.50
36-1487	5.1	1800	none	none	A	7.00
36-1437	5.1	2000	none	yes	A	7.00

12-INCH PERMANENT MAGNET

36-1456	3.0	17	none	none	A	10.00
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12-INCH ELECTRO-DYNAMIC

36-1514	5.1	1100	none	yes	A	7.00
36-1438	5.1	2400	none	none	A	9.00
36-1489	5.1	1800	none	yes	A	9.00
36-1524	5.1	860	none	yes	A	7.25

14-INCH ELECTRO-DYNAMIC

36-1515	5.1	860	none	yes	A	8.50
36-1523	5.1	1100	none	yes	A	7.50

AUTO RADIO SPEAKERS—6 VOLT FIELDS**5-INCH ELECTRO-DYNAMIC**

73-0012	3.0	4.0	none	none	D	4.25
73-0007	3.0	4.0	none	none	D	4.75
36-1404	4.4	4.0	none	none	D	4.00
36-1180	4.4	4.0	none	none	D	6.00
36-1183	5.25	4.0	none	none	D	4.00

5-INCH ELECTRO-DYNAMIC

73-0029	3.0	4.0	none	none	A	4.25
36-1401	3.5	3.75	none	none	A	4.50
36-1267	4.6	4	none	none		5.00

7½-INCH ELECTRO-DYNAMIC

73-0030	3.0	4.0	none	none	A	5.00
36-1177	1.25	4.2	none	none	A	6.00

PHILCO SERVICE SUPPLIES

INDISPENSABLE ITEMS THAT SIMPLIFY REPAIR PROBLEMS

Supplies

(For Service)

DIAL DRIVE CABLE



Part No. 45-1420—25-foot spool. Black, light weight cable including supply of small size clips for forming loops. Dealer Net Price \$1.05.

Part No. 45-1135—25-foot spool. White, heavy weight cable including supply of large size clips. Dealer Net Price \$1.05.

DIAL CORD DRESSING



Supplied in handy stick form, this special dressing is easily applied on cord to prevent slipping. It does not cause cord to harden or deteriorate, and one application lasts indefinitely.

Part No. 45-6118—Dealer Net Price \$24

DIAL DRIVE REPAIR KIT

Contains 25-foot spools of both types of cord, dial cord dressing, and a complete assortment of drive cord tension springs.

Part No. 45-2840—Dealer Net Price \$2.70

SWITCH LUBRICATOR



The special adaptation of this lubricator for the silencing of noisy radio push button switch contacts was discovered by Philco Engineers in a search for the perfect switch lubricant. It is now being used by thousands of service men who find its action is like magic, the secret of which is a lubricating film of high electrical conductivity formed with the surface of the metal. Because this lubricant performs similar miracles on all metal surfaces that require lubrication, it OBSOLETE THE OIL CAN! Use Philco Lubricator for all radio lubrication purposes and sell it to your customers for the thousand and one lubricating jobs which it does BETTER. Ideal for fishing reels, guns, office equipment, and all high-grade machinery. See page 2 for free displays that help you sell this product.

Part No. 45-2806—Large size tube Dealer Net Price \$2.21

SPEAKER CONE CEMENT



Compounded by Philco especially for replacing speaker cones in the field, this cement gives the service man the same assurance of freedom from rattles that is obtained in the factory by the use of heat-fusing plastic cement. There is no other cement that fastens paper to metal so effectively and quickly. Because of its adhesive strength and quick drying properties this product is equally effective in cementing wood, glass, china, etc.

See page 2 for free displays that help you sell this product.

Part No. 45-2623—Large size tube Dealer Net Price \$3.30

FURNITURE POLISH



A high quality polish developed to beautify and protect the finer cabinet and furniture finishes. Used on the cabinet of every radio you repair, this polish will sell itself to the customer as a result of the dry, glossy surface it produces with NO HARD RUBBING.

See page 2 for free displays that help you sell this product.

Part No. 45-1321—8-ounce bottle Dealer Net Price \$3.30

Part No. 45-1364—Special two-quart size for shop use—Dealer Net Price \$1.65

REFRIGERATOR POLISH



In developing the formula for this polish, Philco Chemists solved the problem of cleaning, polishing and protecting white lacquered and porcelain surfaces in one operation! Using this polish on every refrigerator service call and recommending it to the customer as a "plus service" will pay huge dividends in sales.

See page 2 for free displays that help you sell this product.

Part No. 8020-3—8-ounce bottle Dealer Net Price \$3.30

FREE SAMPLES!

Philco Furniture Polish and Philco Refrigerator Polish can now be given to your customers in larger-than-sample, special gift bottles. See your Philco Distributor for liberal proposition on these sample bottles, the labels on which are provided with space for your name.

RUBBING COMPOUND

For Cabinets and Furniture

A highly efficient composition in paste form, containing an extremely fine abrasive. Eliminates lacquer "craze" or checking with a minimum of rubbing, and is also useful for rubbing out slight scratches, blemishes, chaffed spots, etc. Used on old cabinets, it makes the finish look like new, and can easily DOUBLE THE VALUE OF YOUR TRADE-INS. This compound is used by Philco for the final rubbing operation in finishing all de luxe models.

Part No. 45-1281—Half pint can—Dealer Net Price \$4.2

PORTABLE CABINET REFINISHING KIT

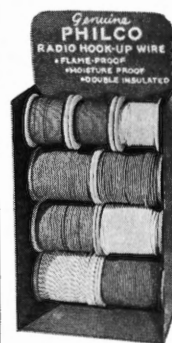


A complete, compact, portable refinishing outfit which makes those difficult touch-up jobs easy. Equally useful in the showroom or on outside service calls. Contains generous and well-balanced quantities of every necessary material. A sound investment for every dealer and service man.

Part No. 45-1326—See your Philco Distributor for special price.

CABINET REFINISHING MATERIALS

Part No.	Description	How Supplied	Dealer Net Price
80148	Varnish remover	1 pt.	\$.69
80176	Gloss lacquer (spraying)	1 qt.	1.20
		1 gal.	3.90
80166	Flute stain	1/4 gal.	1.47
45-1020	Burn in lamp	1	1.20
45-1030	Wax polish	1/2 pt.	.24
45-1031	Burn in wax	6 (1/2) sticks	1.20
45-1034	No. 7 pencil brush	1	.24
45-1035	1" Fitch flowing brush	1	1.05
45-1275	Interior finish	1/2 pt.	.48
45-1285	Burn in knife	1	.75
45-1287	Shading lacquer	1/2 pt.	.48
45-1288	Lacquer sealer	1/2 pt.	.48
45-1278	Grille edge stain	1/4 pt.	.24
45-1328	Lt. walnut stain	1/4 pt.	.21
45-1329	Dk. walnut stain	1/4 pt.	.24
45-1330	Dk. walnut filler	1/4 pt.	.24
45-1331	Lt. walnut filler	1/4 pt.	.24
45-1332	Clear brushing lacquer	1/4 pt.	.30
45-1333	Lacquer thinner	1/4 pt.	.30
45-1335	Lacquer sealer (for brushing)	1/4 pt.	.30
45-1337	4/0 steel wool in plain paper tube	1 oz.	.12
45-1338	Assorted shades burn in wax	6 (1/4) sticks	.84
45-1339	Chrome orange spirit powder	1/2 oz.	.27
45-1340	Nigrosine black spirit powder	1/2 oz.	.15
45-1342	Felt rubbing block, 2" x 1"	1	.45
45-1351	Bismarck brown spirit powder	1/2 oz.	.15



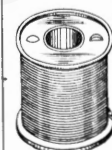
RADIO HOOK-UP WIRE

Rubber Covered

Supplied in convenient 100-foot rolls. Wire is tinned and the insulation is readily removable or pushed back for fast, neat wiring. Ask your Philco Distributor for special price on handy dispenser type rack containing wire spools of assorted color coding.

Part No.	Wire Size	Color	Dealer Net Price 100-Foot Roll
49-020000	7 Strand No. 30	Black	\$.75
49-021000	7 Strand No. 30	Brown	.75
49-022000	7 Strand No. 30	Red	.75
49-023000	7 Strand No. 30	Orange	.75
49-025000	7 Strand No. 30	Green	.75
49-026000	7 Strand No. 30	Blue	.75
49-029000	7 Strand No. 30	White	.75
49-000000	#22 Solid Tinned	Black	.57
49-002000	#22 Solid Tinned	Red	.57
49-003000	#22 Solid Tinned	Orange	.57
49-004000	#22 Solid Tinned	Yellow	.57
49-005000	#22 Solid Tinned	Green	.57
49-006000	#22 Solid Tinned	Blue	.57
49-009000	#22 Solid Tinned	White	.57

SPECIAL RADIO SOLDER



This solder is the secret of the entire absence of rosin joints or loose connections in Philco Radios. This special solder, the composition for which was developed in the Philco Laboratories for perfect radio connections, is available only from your Philco Parts Distributor.

Part No. 45-1123—1 lb. spool Dealer Net Price \$1.05

REFRIGERATOR TOUCH-UP KIT



Contains all materials required for a first-class touch-up job on 1939, 1940 and 1941 Philco Refrigerators and all other makes using lacquered finishes. Very little experience is required to follow complete instructions, packed with kit, for professional results.

The three shades of white lacquer included in the kit can be mixed, if necessary, to match a white lacquered finish of any age. The filler supplied for repairing deep scratches can also be used to repair damaged porcelain finish.

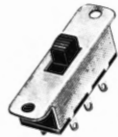
Part No. 8040-3—Dealer Net Price \$3.60 Contents—also available separately

Part No.	Material	Dealer Net Price
8901-1	1/4 pt. can of White lacquer. Matches 1939 Models without waxing	\$.36
8901-2	1/4 pt. can of White lacquer	.36
8901-7	1/4 pt. can of White lacquer. Matches 1940 Models	.36
8901-3	1/4 pt. can of Black lacquer	.33
8901-8	1/4 pt. can of Gray lacquer	.36
8901-4	1/4 pt. can of Filler	.36
8901-13	2 oz. box of Rubbing Compound	.15
8901-11	1 pt. can of Thinner	.60
8901-9	1/4 pt. can of Methacrylate (Clear) for Evaporators in 1940 Models	.36
8901-12	1 oz. can of Paste (Aluminum) for Evaporators in 1940 Models	.24
8901-10	1/4 pt. can of Thinner for Methacrylate	.18

PHILCO SPECIAL SWITCHES

FOR ALL REPLACEMENT, CONSTRUCTION AND EXPERIMENTAL PURPOSES

NEW! BALL-BEARING SWITCHES



Having absolutely no contact resistance, these switches are especially suitable for use in all low impedance and R.F. circuits. Contacts are silver-plated for maximum life and efficiency.

Part No.	Contacts	List Price
42-1406	S.P.S.T.	\$.30
42-1535	S.P.D.T.	.30
42-1569	D.P.D.T.	.30
42-1553	3 P.D.T.	.60

Special insulation for R.F. circuits

85-0122	S.P.S.T.	.25
42-1497	D.P.S.T.	.35
42-1535	S.P.D.T.	.25

Momentary contact switches

42-1639	S.P.S.T.	.25
318-1892	D.P.D.T. and S.P.D.T.	.60

ESCUTCHEON PLATE

For Ball-Bearing Snap Switches

When the switches listed above are used for new installations—this plate will provide a finished appearance and simplify the installation.

Part No. 45-6096—List Price \$25



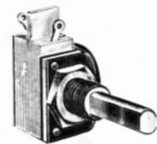
TOGGLE SWITCHES

For panel or chassis mounting. Power rating 125 volts, 3 amp.

Part No.	Contacts	Finish	Threaded Shank Length	List Price
3253	S.P.S.T.	Oxidized	1 1/8	\$.45
3116	S.P.D.T.	Oxidized	1 1/8	.45
42-1140	S.P.S.T.	Bronze	3/4	.45
42-1149	S.P.S.T.	Nickel	3/4	.45
42-1225	S.P.S.T.	Nickel	3/4	.45
42-1150	S.P.S.T.	Brass	3/4	.45

Special D.C. Toggle Switches

42-1036	S.P.S.T.	Bronze	1/2	.75
42-1467	S.P.S.T.	Bronze	3/4	.75



ROTARY SWITCHES

Long shafts adapt these switches to mounting through wood panels. Rated 125 volts, 3 amp.

Part No.	Contacts	Threaded Shank Length	Shaft Length	List Price
6498	S.P.S.T.	1/4	1 1/8	\$.45
3675	S.P.D.T.	7/32	5/8	.60
4705	D.P.S.T.	3/8	3/4	1.20



ROTARY POWER SWITCH

Metal Case

Rated 125 volts, 3 amp.

Part No.	Contacts	Threaded Shank Length	Shaft Length	List Price
42-1545	S.P.	3/8	1 1/4	\$.45
42-1581	D.P.	1/4	1 1/4	.75

COMBINATION SWITCHES

For On-Off and Tone Control



These switches contain an AC switch section that closes on the first slight turn of the shaft. Further rotation operates the sliding contact switch through the number of positions indicated for each type.

Part No.	Tone Control Positions	Threaded Shank Length	Shaft Length	List Price
42-1184	4	3/4	1 1/4	\$1.00
42-1196	3	5/8	2	1.00
42-1363	2	5/8	1 1/2	1.00
42-1180	2	3/4	1	1.00

PHONOGRAPH AUTOMATIC SWITCH



Designed to serve as a convenient rest for a phonograph pick-up when not in use, this switch automatically disconnects the motor from the circuit when it supports the weight of the reproducer. It can be quickly installed in any existing phonograph and adds considerably to the convenience of operation.

Part No. 42-1557 List Price \$1.75

THREE POSITION SWITCH



A single pole three-position switch, that will solve many problems in special hook-ups for radio chassis or test bench circuits.

Part No. 42-1584 List Price \$1.85

Black Bakelite push-on knob

27-4781 \$1.10

SELECTOR SWITCHES



Designed for use as radio-phonograph switches these units will be found equally useful in other audio circuits — for connecting extension speakers, microphones, etc.

Part No.	Contacts	Threaded Shank Length	Shaft Length	List Price
42-1610	S.P.S.T.	3/8	1 1/2	\$1.25
42-1533	D.P.S.T.	1/4	1 1/2	.50
42-1501	D.P.D.T.	3/8	3/4	.50
42-1523	D.P.D.T.	1/2	5/8	.65
42-1609	S.P.D.T. and S.P.S.T.	3/8	1 1/2	.60

MULTIPLE POSITION SWITCH

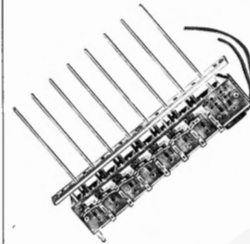


The flexibility of these switches adapts them to innumerable special applications. Equally suitable for R.F. or A.F. circuits.

Part No.	Contacts	Threaded Shank Length	Shaft Length	List Price	
42-1583	S.P.	17 position	3/4	1 1/2	\$1.25
42-1594	S.P.	8 position	3/4	1 1/2	.90
42-1577*	D.P.	7 position	3/4	1 1/2	2.25

*2-deck has open "notch" position between contacts.

PUSH BUTTON TUNING SWITCHES



Here is a list from which you can select a Push Button Tuning Switch for any application. These switches fill all replacement needs and can also be used in constructing tuners, remote controls, etc.

8 Push Buttons

Part No.	Contacts	Mounting Centers	Switch Depth	Switch Width	Button Shafts Length	List Price
42-1446	D.P.S.T.	6%	1 1/2	1 1/4	2 3/8	\$3.75
42-1462	D.P.S.T.	6%	1%	1 1/4	1 3/8	3.75
42-1489	D.P.S.T.	6%	1%	1 1/4	3 1/8	3.75
42-1515	D.P.S.T.	6%	1%	1 1/4	1 3/8	3.75

6 Push Buttons

42-1512	D.P.S.T.	4%	1%	1 1/4	1 1/2	2.75
42-1484	D.P.S.T.	4%	1%	1 1/4	3/4	3.00
42-1528	D.P.S.T.	4%	1%	1 1/4	1 1/4	2.75
42-1485	D.P.S.T.	4%	1%	1 1/4	1 1/4	3.00
42-1493	D.P.S.T.	4%	2 1/4	1 1/4	1 1/4	3.00
42-1527	D.P.S.T.	4%	2 1/4	1 1/4	1 1/4	3.00
42-1625	D.P.S.T.	4%	1 1/2	1%	1 1/4	2.75
42-1471	D.P.S.T.	4%	2	3/8	1	2.75

8 Push Buttons

7 station buttons. One button for repeating type on-off power switch.

Part No.	A.C.	Contacts	Cntrs.	Dph.	Wth.	Lgth.	Price
42-1587	3A 125V	D.P.S.T.	6%	1%	1 1/4	3 3/8	\$4.25
	1A	250V					
42-1592	3A 125V	D.P.S.T.	6%	1%	1 1/4	1 3/8	4.25
	1A	250V					

6 Push Buttons

5 station buttons. One button for repeating type on-off power switch.

42-1576	3A 125V	D.P.S.T.	4%	1%	1%	1%	3.25
	1A	250V					
42-1591	3A 125V	D.P.S.T.	4%	1%	1 1/4	1%	3.25
	1A	250V					
42-1608	3A 125V	D.P.S.T.	4%	1%	1%	1 1/8	3.25
	1A	250V					

REPEATING SWITCHES



These switches operate to turn a circuit on and off alternately when depressed. Part No. 85-0104 which has three leads, red, green, and black, operates to connect these circuits together successively as follows: Red-black, black-green, green-red.

85-0111	Single Circuit—2-inch leads	\$.40
85-0102	Single Circuit—2 1/2-inch leads	.40
85-0104	Three Circuit—1 1/2-inch leads	.75

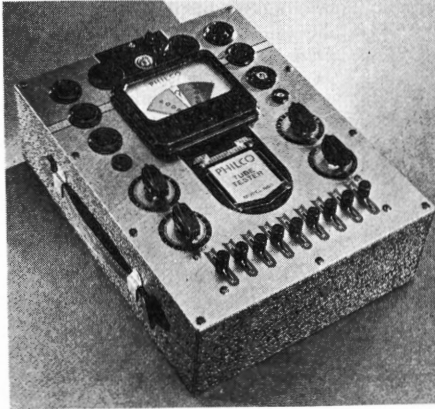
PHILCO TEST INSTRUMENTS

DESIGNED IN THE WORLD'S GREATEST RADIO LABORATORIES

TUBE TESTER

Model 050

Is Up-to-Date . . . and Will Stay Up-to-Date!



TESTS ALL LATEST TUBES—

Including XXL, XXD—just announced by PHILCO, and all bantam types.

ADAPTED FOR FUTURE TUBE TYPES!

Exclusive selector system will take care of every possible rearrangement of tube base connections. Should the future bring new types of bases, additional sockets to accommodate them can be quickly inserted in panel by removing spring caps in extra socket holes.

OTHER EXCLUSIVE FEATURES

QUICK, ACCURATE TEST—Under proper load conditions.

CONVENIENT, SENSITIVE SHORT TEST—Indicates leakage to each element separately.

COMPLETE, EASY-TO-READ CHART—Includes testing information on all existing tubes.

COMPACT DESIGN—Equally suitable for portable or counter use.

DURABLY FINISHED, RUGGEDLY BUILT FOR THE LONG SERVICE IT WILL GIVE BECAUSE OF FREEDOM FROM OBSOLESCENCE.

AC OPERATED—110 volts, 50-60 cycles.

Dealer Net Price **\$34.50**

VACUUM TUBE VOLTMETER AND CIRCUIT TESTER

Model 027



Here is an accurate tester that can keep up with you in your troubleshooting work. Any one of its twenty scales is instantly connected to the test leads at the touch of a button! The vacuum tube voltmeter is stable and easy to use for checking AVC and AFC voltages, measuring oscillator output, amplifier gain, etc.

AC operated, 110 volts, 50-60 cycles.

Ranges are as follows:

Vacuum Tube Voltmeter (Infinite ohms per volt) 0-10 volts

Ohms 0-150, 15,000, 1.5 Megohms, 150 Megohms

Volts DC 0-30, 100, 300, 1000

Volts AC 0-30, 100, 300, 1000

Current DC 0-10, 100 M.A. 0-10 amps.

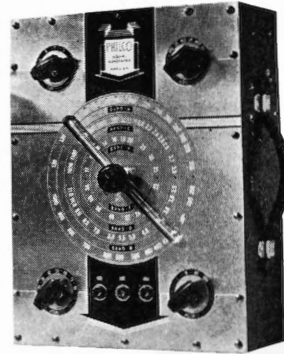
Output Volts AC 0-30, 100, 300, 1000

Dealer Net Price, including 2 test leads and plug-in AC cord, **\$45.00.**

ALL-WAVE SIGNAL GENERATOR

Model 070

A Laboratory Instrument at a Service Instrument Price!



This is the newest addition to the Philco line of test instruments. It supersedes the Model 077 Signal Generator—now used by more service men than any other type! The new signal generator contains all the features of the former model and has many new additional improvements.

Frequency range in six well-spaced scales of large diameter is 120 K.C. to 70 M.C.—sufficient to cover the television and F.M. bands!

Ladder type, constant impedance attenuator controls signal in multiples of 1, 10, 100 and 1000. A second calibrated attenuator provides continuously variable control between multiples.

With the new magnifying lucite pointer, hair-line settings can be made instantly without the awkward use of anti-parallax attachments.

R.F. leakage has been eliminated through complete shielding of the attenuator system and the non-radiating qualities of the lucite pointer.

Panel is satin finished, chromium with colored baked-on enamel lettering.

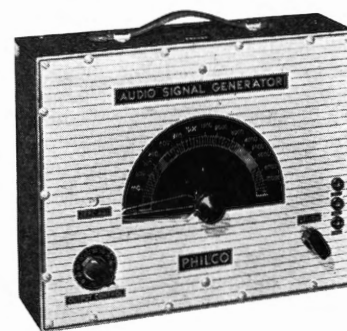
You will find the use of this instrument will add immeasurable pleasure to your service work. It is truly a masterpiece of engineering.

AC operated, 110 volts, 50-60 cycles.

Dealer Net Price, including shielded antenna lead and plug-in AC cord, **\$29.75.**

AUDIO SIGNAL GENERATOR

Model 044



An indispensable instrument—because it takes the guesswork out of service. This signal generator pays for itself if used for only ONE of its many functions — testing speaker cones at their natural period of vibration. This test enables you to check a speaker cone at the frequency that quickly reveals imperfect centering, rattles or buzzes. Also useful in testing audio response of any part of set, locating rattles in parts of chassis, adjusting 10 K.C. filters in high fidelity sets, checking bass compensation. Output can be obtained in the form of an audio frequency signal for application to any part of an audio system or as a modulated R.F. signal of 580 K.C.

AC operated, 110 volts, 50-60 cycles.

AC operated, 110 volts, 50-60 cycles.

Dealer Net Price, including shielded antenna lead and plug-in AC cord, **\$22.65.**

DIMENSIONS OF ALL INSTRUMENTS SHOWN ON THIS PAGE 13" x 10" x 4"

PHILCO TEST INSTRUMENTS

PRACTICAL . . . ACCURATE . . . DEPENDABLE

A New Kind of Test Instrument! PUSH-BUTTON SIGNAL GENERATOR

MODEL 016

Here is the instrument you have been waiting for! . . . designed in response to suggestions from many RMS Members. It is a push-button-operated, AC-DC signal generator with all the I.F. and R.F. aligning frequencies you need, available instantly at your finger tips . . . No more poring over confusing dial scales to get the signal you need in a hurry!

Accurate, permanent calibration is assured through the use of no drift ceramic compensating condensers in each of the twelve tuned circuits. The six push buttons operate in two frequency bands controlled by the I.F.-R.F. band selector switch to produce the following fundamental frequencies:—

I.F.—175, 260, 350, 455, 460, 470 K.C.

R.F.—580, 1000, 1400, 1600, 2500 and 3000 K.C.

(The 3000 K.C. signal produces harmonics at 6MC, 9MC, 12MC and 15MC.)

Any of the frequency settings can be changed by removing the escutcheon plate which covers the twelve compensators, and resetting the compensator (I.F. or R.F.) opposite the button to be changed.

Signal output is controlled by accurately tapered attenuator. Complete shielding and a three section line filter minimize radiation.

Case which measures 8½" x 5" x 3" is attractively finished in crystal gray.

Dealer Net Price **\$15.98**

STEEL BENCH RACK

For Test Instruments

Sturdily built of heavy gauge sheet metal and beautifully finished with baked-on blue enamel, this rack is so designed that any number of them can be bolted together to accommodate additional test instruments. Inserted in these stands all test bench instruments are kept in a convenient and orderly position, yet can be removed instantly at any time, for use in other parts of the shop or on outside service calls.



Instruments illustrated in the rack are the Philco Model 077 Signal Generator and Model 027 Vacuum Tube Voltmeter and Circuit Tester.

Part No. 45-2845—Metal Rack, less instruments—Dealer Net Price **\$3.00**

WIRELESS STATION SETTER AND SIGNAL GENERATOR

MODEL 014

FOR SETTING STATIONS ON PUSH BUTTONS—this instrument

replaces broadcasting stations with a 400 cycle signal, which is instantly recognized when tuned in with the push button adjusting screws. This eliminates repeated switching back to "dial tuning" to check station programs and also makes possible the setting of push buttons at night, when many stations, broadcasting the same chain program, cannot be quickly identified. When placed near the loop or lead-in of the radio, the Philco Wireless Station Setter and Signal Generator provides sufficient signal to over-ride all stations including locals. Precision adjustments can be made by this method because the signal is modulated in such a manner that the tone of the 400 cycle note is clear only when tuned in accurately. Auto radio push buttons are adjusted quickly and conveniently by placing the Wireless Station Setter and Signal Generator near the aerial (on the seat of the car beside you if the set is installed).



FOR ALIGNMENT OF COMPENSATORS THE "WIRELESS WAY"—A new convenience you will appreciate, particularly when adjusting the newer, loop-operated radios. Imagine the simplicity of making all R.F. and oscillator adjustments without the bothersome coupling devices usually required for loop sets. Just place the Wireless Station Setter and Signal Generator a few feet from the loop, or near a short piece of wire connected to the antenna terminal and proceed with R.F. and oscillator adjustments. Then move the instrument close to the loop or coupling wire and make all I.F. adjustments also! Adjusting the I.F. stages in this way eliminates the difficulty of connecting a signal generator directly to the I.F. amplifier, now that the first detector control grid cap is no longer to be found in modern sets.

INCREASE YOUR SERVICE CHARGES—by applying this quick "wireless check" to all push button and tuning adjustments on every service call. This extra service improves the radio, impresses the customer, and justifies a higher service charge. The 014 is the ideal portable signal generator for use in the home. It is small in size, 3¼" x 5" x 8½", and weighs only 3 pounds.

It will come to you already adjusted for stations and aligning frequencies, if your order specifies the settings for the eight push buttons. No. 1 button can be used for the most popular intermediate frequency if desired. Adjustments for the individual buttons can be readily changed by means of compensator screws in the panel, within the following ranges (in Kilocycles): No. 1—440 to 480 (or 560 to 1000—optional when ordering), No. 2—560 to 1000, No. 3—700 to 1200, No. 4—700 to 1200, No. 5—800 to 1700, No. 6—800 to 1700, No. 7—1100 to 1900, No. 8—1100 to 1900. AC operated 110 volts, 50-60 cycles. Dimensions 8½" x 5" x 3".

Dealer Net Price **\$13.50**

DRY BATTERY TESTER

MODEL 015

A plug-in dry battery tester for quick, accurate tests under full load conditions. Direct reading scale indicates whether battery is Good, Questionable or Bad.

To operate this tester, simply insert plug that fits the battery to be tested, turn the switch to the type number of the battery on the scale. Pin jacks are provided on panel for testing batteries which do not have plug-in sockets.

Headphone tips can also be inserted into these jacks to test all batteries for noise which may be too slight to affect meter reading.

Dimensions 8½" x 5" x 3".

Dealer Net Price **\$8.25**

VOLT-WATTMETER WITH CARRYING CASE

MODEL 029 AC-DC



Checks power consumption, in watts, of radios, refrigerators, air conditioners, and all other appliances, and indicates line voltage at the same time. This type of test is important in checking a radio because it shows up excess current drain through electrolytic condensers—in a refrigerating system it indicates the load on the compressor. This is the only method of testing a compressor in a sealed refrigerating unit because no pressure gauges can be used. The test of voltage drop in house wiring, by this instrument is especially useful when installing large air conditioners.

Heavy conductor cord, with plug, connects Volt-Wattmeter to electrical outlet. Appliance to be tested plugs into receptacle on side of meter case. Excessive pointer swing from motor starting current is prevented by release button on panel which must be pressed for watt reading. Pin jacks are provided for the use of test leads in checking voltage or circuit continuity. When the jacks are used an isolating switch must be turned, which prevents short circuits

between the test prods and the circuit to which the wattmeter might be plugged-in.

METER SCALES

Watts—0-375, 0-1500.

Volts—0-250 with red lines at 110 V. and 220 V.

Accuracy—AC—Wattmeter and Voltmeter within 1½%, DC—Wattmeter, 1½%; Voltmeter, 2½%.

Dimensions—7" x 7" x 4¼".

Dealer Net Price **\$34.50**

CIRCUIT TESTER

MODEL 026



A compact low-priced complete set tester with 23 useful measuring ranges.

Equipped with a sensitive, high-quality meter, the 026 provides accurate tests of voltage, current, resistance and capacity, and makes an ideal output meter for use in alignment

work. Furnished complete with test prods, leads, output meter connectors and full instructions. A remarkable value.

ACCURATE METER RANGES

Voltmeter A.C.—
0-30 volts
0-100 volts
0-300 volts
0-1000 volts

Ohmmeter— Voltmeter D.C.—
0-150 ohms 0-30 volts
0-15000 ohms 0-100 volts
0-1.5 megohms 0-300 volts
0-1000 volts

Voltmeter— Output— Current D.C.—
0-30 volts 0-10 ma.
0-100 volts 0-100 ma.
0-300 volts 0-10 amps.
0-1000 volts

Dealer Net Price **\$22.50**

CONDENSER TESTER

MODEL 010



Accurate—Fast Direct Reading

Measures condenser values from 20 mmfd. to 32 mfd. Capacity directly indicated on calibrated scale—Plugs into 60 cycle A.C. power supply—No batteries or tubes—Bridge type

circuit—Balance point is obtained through any A.C. Voltmeter or headphone.

Dealer Net Price **\$6.30**

VIBRATOR TESTER

MODEL 013



Tests Vibrators for all makes and models of Auto Radios — Simple to operate — No controls to adjust—No meters to read — Indicates the condition of a Vibrator quickly and accurately — Operates from a 115 volt A.C. power supply.

Dealer Net Price **\$7.95**

TELEVISION OSCILLOSCOPE

MODEL 022T



The Model 022T Oscilloscope can be used for viewing wave forms in various parts of the television receiver circuit. The vertical amplifier has a frequency range of approximately 20 to 600,000 cycles, which is necessary to observe accurately the wave shapes occurring in television circuits. The vertical amplifier also has unusually high gain, which supplies the sensitivity needed for deflection of the electron beam when it is desired to study very low voltages.

By means of a special resistance-capacity type, tapped attenuator, waveform distortion is avoided and attenuation is obtained in steps from 6 to 66 db. The instrument also contains a saw-tooth oscillator with a selection of seven sweep frequencies and a horizontal amplifier. A two inch cathode-ray tube is used.

Dimensions 13" x 10" x 4"

Dealer Net Price complete with plug-in AC cord . . . **\$75.00**

STANDARD OSCILLOSCOPE

MODEL 022

Model 022 is a self-synchronizing standard Oscilloscope designed with a minimum of controls for simplified operation—A High-quality Precision Test Instrument for checking the entire Radio Receiver for troubles such as hum, distortion, overloading and power-handling ability. Compact in construction and light in weight. Same as Model 022T in appearance and size.

AC operated 110 volts 50-60 cycles

Dealer Net Price complete with plug-in AC cord . . . **\$42.00**

TELEVISION SIGNAL GENERATOR

MODEL 077T



The Model 077T Television Signal Generator supplies a video signal consisting of horizontal blanking and synchronizing wave forms with vertical blanking and serrated wave forms locked with the 60-cycle line frequency. Video signals of both polarities are provided.

A Light Level or background control regulates the average height of the blanking pulse.

To the input terminals, any form of picture signal may be inserted and added to the composite signal.

The Television Signal Generator also contains a miniature television transmitter, which provides radio-frequency carrier signals modulated by the above composite signals, which may be tuned by push buttons to any of the seven television channels.

With this instrument RF and IF stages can be aligned on all television bands, and the video circuits can be checked and adjusted. The instrument supplies either a video signal or a modulated RF signal as needed. This signal is the same as would be received from a television transmitter so that a receiver may be serviced whether a station is on the air or not.

With the use of the Signal Generator, a frame actually appears on the screen of the television receiver's cathode-ray tube.

There are attenuators to control both the video and the RF output of the generator, in addition to the "light level" control.

Dealer Net Price **\$60.00**

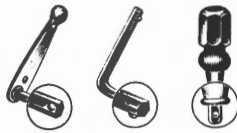
Tools

PHILCO SPECIAL TOOLS

MAKE DIFFICULT JOBS EASY

UNIVERSAL WRENCHES

For All Standard and Special Screw Heads
Four Types of Handles—



Ratchet Offset Straight

Part No.	Handle Type	Dealer Net Price
45-2837	Ratchet Handle. Convenient reversing lever quickly changes direction of Ratchet	\$.75
45-2802	Offset Handle. Wrench sockets can be placed on either end	.18
7018	Straight Handle (short shank as illustrated)	.30
7017	Straight Handle (long shank—5 1/2")	.39

ELEVEN SOCKETS AND BITS

All of the attachments listed below can be used with any of the four different types of wrench handles.



Sockets For Hex Heads

Made of a high quality carbon steel, these sockets will withstand hard wear in everyday use.

Part No.	Size	Dealer Net Price
7022	1/8"	.24
7021	3/16"	.24
7020	1/4"	.24
7019	5/16"	.24
45-2316	3/8"	.24
45-2765	1/2"	.24

Allen Head Bit



For No. 8 Allen head set screws. Especially useful for adjusting dial drive mechanisms using this type of set screw.

Part No.	Dealer Net Price
45-2424	\$.21

Phillips Head Bit



Fits all medium and small size Phillips head screws.

Part No.	Dealer Net Price
45-2524	\$.27

Rectangular Head Bit



For use in adjusting dial drives using this type of screw.

Part No.	Screw Size	Dealer Net Price
45-2844	4/32	\$.24
45-2715	6/32	.21
45-2481	8/32	.24

Gulmite Head Bit

Designed especially for adjusting stepper units in wireless remote control models.



Part No.	Dealer Net Price
45-2717	\$.30

Hex Head Aligning Tool



For compensating condensers using hex nuts. The interior of these wrenches is hexagonal throughout the entire length so that ends can be cut off as they become worn.

Part No.	Dealer Net Price	
3164	Standard fiber wrench	\$.12
7696	Special bakelite wrench for high frequency circuits	.21

COMBINATION ALIGNING SCREW DRIVER AND WIRE DRESSING TOOL



Screw driver blade is firmly set in the end of the bakelite shank and will withstand severe twisting. Special hook on opposite end of tool is very useful in dressing critical leads in R.F. circuits.

Part No.	Dealer Net Price
45-2610	\$.27

COIL SHIELD REMOVER



For removing coil shields with spring mounting clips. With end of tool inserted over tips of spring clip, a slight twist dislodges the shield.

Part No.	Dealer Net Price
45-2146	\$.39

STATION SETTING WRENCH



For Philco models with Concentric tuning dials.

Part No.	Dealer Net Price
45-2475	\$.27

PHILLIPS HEAD SCREW DRIVER



For small Phillips head screws, such as used to fasten dial bezels to cabinets.

Part No.	Dealer Net Price
42-2522	\$.30

GLAND NUT WRENCH



For Auto Radio Control Heads.

Part No.	Dealer Net Price
28-4380	\$.03

ALLEN WRENCHES

For Small Allen Set Screws

Part No.	Set Screw Size	Dealer Net Price
28-5515	4/32"	\$.04
28-4696	6/32"	.06
5973	8/32"	.06

TUBE REMOVER



This handy tool saves time and avoids damage to tubes and sockets in removing the newer and smaller types of tubes. It is especially useful in auto radios and compact models where the tubes are difficult to reach.

Part No.	Dealer Net Price
45-2849	\$.30

EYELETTING SET



An indispensable service tool. Eyelet point in top of anvil is removable so that other sizes can be inserted. Standard kit contains anvil with 1/8" point, 3/16" punch, and assortment of eyelets.

Kit Part No.	Dealer Net Price
45-1162	\$1.35

Additional Punches and Points For Eyeletting Set

POINTS		PUNCHES	
Dealer Net Price		Dealer Net Price	
45-2389	1/8" Point \$0.45	45-2390	1/8" Punch \$0.60
45-2391	3/16" Point	45-2392	3/16" Punch
45-2393	1/4" Point	45-2394	1/4" Punch
45-2395	3/8" Point	45-2396	3/8" Punch

Special Anvil Points For Auto Radio Controls

Part No.	Size	Dealer Net Price
45-2397	1/8"	\$.24
45-2398	3/16"	.24

POCKET TESTER



A handy "voltage analyzer" for all circuits between 80 and 550 volts—A tester to have with you at all times for use in place of meters. Some of the tests it will make would require the use of several meters and others could not be performed at all with average test instruments. Here are some of the things it will do:

- Indicate whether electrical outlet is A.C. or D.C.
- Identify ungrounded side of A.C. line.
- Indicate polarity on D.C.
- Indicate approximate voltage (by brilliancy).
- Check fuses and continuity.
- Test ground connections for radio sets.
- Test radio aerial for grounds.
- Detect leakage (up to 50 megohms using 200 V. D.C.)

Check small condensers (to 50 mmfd. using 110 V. A.C.).
Indicate output from radio (for aligning).
Test automobile spark plugs and wiring for radio interference.
Test transmitter oscillators.
Neon indicator is protected by unbreakable transparent housing.

Complete instructions furnished with each tester.

Part No.	Dealer Net Price
45-2830	\$.90

MAGNIFYING MIRROR



For examining soldered connections, wave switch contacts, etc., in hard-to-see spots.

Part No.	Dealer Net Price
45-2474	\$.36

TEST SCALE



For measuring needle pressure in home recording cutters. A convenient vest pocket tool with protective cap for delicate weighing mechanism. Special hook grips needle screw and the pressure on recording disc is read in ounces on the spring balance scale. Calibrated 1-8 ounces.

Part No.	Dealer Net Price
45-2851	\$1.13

PHILCO AUDIO TRANSFORMERS

INPUT-OUTPUT—FOR ALL MAKES OF RADIOS

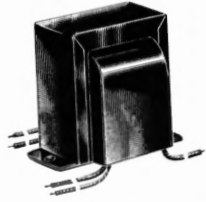
Transformers

Input-Output

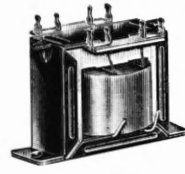
Here is a complete listing of Philco audio transformers which will meet all replacement requirements, both physically and electrically. These low cost transformers are the finest available and have exceptionally flat response curves at all audio frequencies.



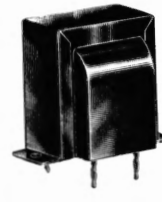
Type 1



Type 2



Type 3



Type 4



Type 5

INPUT TRANSFORMERS

Class A—Single Plate to Single Grid

Part No.	For Tubes Similar to	Turns Ratio	Type Mounting	DIMENSIONS INCHES			List Price
				Height	Width Across Core	Width Across Coil	
32-7484	85 to 42	1:1	1	2 ¹ / ₈	2 ¹ / ₈	1 ¹ / ₂	\$1.90
5315	27 to 45	1:4	1	2 ¹ / ₈	2 ¹ / ₈	1 ¹ / ₂	2.25
3241	27 to 45	1:4	4	2 ¹ / ₈	2 ¹ / ₈	2	2.75

Class A—Single Plate to Push-Pull Grids

32-7211	75 to two 43	1:1	4	2 19/32	2 7/8	2 1/4	2.25
5662	27 to two 47	1:1	4	3 1/2	2 1/2	2 1/8	3.25
3872	27 to two 45	1:2	4	2 1/2	2 1/2	2 1/8	2.50
4952	27 to two 45	1:3	1	2 1/2	2 7/8	1 1/2	2.25
4232	85 to two 41	1:4	1	2 1/2	3	1 7/8	2.00
32-7849	6R7G to two 25L6G	1:4	4	2 1/2	2 7/8	1 7/8	3.00
32-7532	6V7G to two 6F6G	1:10	1	2 7/8	2 7/8	1 1/2	4.25
3537	27 to two 45	1:4	4	3 3/8	2 7/8	2 3/4	3.15
32-7471	6V7G to two 6F6G	1:4	2	2 1/2	2 7/8	2 1/4	2.10

Class B or A-B—Single Plate to Dual Grids

32-7057	6F6G to two 6F6G	1:1	4	3 1/2	2 1/2	2 1/8	3.50
7652	37 to one 79	1.2:1	1	2 1/2	2	1 7/8	1.80
32-7637	30 to one 19	1.2:1	4	2 1/2	2 7/8	1 7/8	2.00
32-7480	30 to one 19	1.2:1	2	2 1/2	2 7/8	1 7/8	1.50
32-7779	37 to one 6Y7G	2.5:1	1	2 1/2	2 7/8	1 7/8	1.50
32-7725	6F6G to two 6B4G	1:1.4	4	3 1/2	2 1/2	2 1/2	3.20
32-7447	6F6G to two 6B4G	1:1.8	4	3 1/2	2 1/2	2 1/2	3.00
32-7865	6J5G to two 6L6G	1.2:1	4	2 1/2	2 7/8	1 7/8	2.50

Class A-B—Dual Plate to Dual Grids

32-7671	Two 6J5G to two 42	2.7:1	4	2 1/2	2 7/8	1 7/8	2.50
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OUTPUT TRANSFORMERS—Continued

For Single Output Tubes

Part No.	Impedance Ohms at 400 Cycles		Height	DIMENSIONS INCHES		Type Mounting	List Price
	Pri.	Sec.		Width Across Core	Width Across Coil		
32-7978	6,000	5.0	1 1/2	2 1/2	1 1/2	1	\$1.00
32-7041	6,200	.89	2	2 19/32	1 1/4	1	.95
32-7178	6,200	1.11	2 1/2	3 3/8	2	3	1.60
32-7214	6,600	.95	1 1/2	3	1 7/8	3	1.00
2564	6,800	2.22	2 1/2	3 3/8	1 3/4	3	1.25
32-7862	7,500	1.25	2 1/2	3 3/8	1 7/8	1	1.45
32-7765	7,800	2.5	2 1/2	3 3/8	1 3/4	3	1.50
32-7815	7,800	4.6	1 1/2	2 1/2	1 3/8	3	1.25
32-8116	8,000	3.5	1 3/8	2 1/2	1 3/8	1	1.00
32-7956	8,000	3.5	2 1/2	1 7/8	1 3/8	5	1.50
32-7961	8,000	4.6	1 3/8	2 1/2	1 3/8	1	1.15
32-7942	10,000	1.25	2 3/8	3 3/8	1 3/8	3	1.70
32-7995	13,500	3.0	2	1 21/32	1 1/2	5	1.40
32-8062	25,000	3.0	1 3/8	2 3/8	1 3/8	1	1.40
32-8051	25,000	3.0	2	1 3/8	1 1/2	5	1.00

For Push-Pull Output Tubes

32-7446	2,920	3.42	2 3/8	3 3/8	2	3	\$1.75
32-7753	2,920	3.42	2 3/8	3 3/8	2 3/8	3	1.70
32-7863	3,500	5.0	2	3 3/8	2 1/2	1	1.60
32-7275	3,700	1.11	2 3/8	3 3/8	2	3	1.85
32-8028	4,000	3.1	2	3 3/8	2 3/8	1	2.25
32-7727	5,300	2.0	2 3/8	3 3/8	2	3	1.70
32-7247	5,400	3.42	2 3/8	3 3/8	2	3	2.00
32-7078	5,580	1.11	2 3/8	3 3/8	2	3	1.25
32-7905	6,000	3.7	2 3/8	3 3/8	2	3	2.00
32-7355	6,200	1.1	2 3/8	3 3/8	1 3/8	1	2.20
32-7684	6,200	1.1	2 3/8	3 3/8	2	3	1.60
32-7751	7,600	3.7	2 3/8	3 3/8	2 1/4	1	2.00
32-7914	9,000	3.7	2	3 3/8	2 1/2	1	1.85
32-8026	10,500	3.1	1 3/8	2 1/2	2	1	2.00
32-7223	12,000	.89	2 1/2	2 7/8	1 1/2	1	1.50
32-7927	12,000	2.5	2 1/2	2 7/8	1 7/8	2	1.80
32-7981	12,000	5	2 1/2	2 7/8	1 3/4	1	1.80
32-7997	12,000	5	2 1/2	2 7/8	1 7/8	2	2.00
32-7551	12,400	1.11	2 3/8	3 3/8	1 3/8	1	1.50
32-7051	13,250	2.0	2 3/8	3 3/8	1 3/8	3	1.50
2590	13,500	.62	2 3/8	2 7/8	1 7/8	4	1.50
32-7786	14,000	1.25	2 3/8	3 3/8	1 3/8	3	1.50
32-8019	14,000	5.0	2 3/8	3 3/8	1 3/8	1	2.25
2565	14,200	.55	2 3/8	3 3/8	1 3/8	3	1.50
32-7453	15,000	1.11	2 1/2	2 7/8	1 1/2	1	1.50
32-7472	15,000	1.11	2 1/2	2 7/8	1 3/8	2	1.50
32-7818	16,500	4.6	2	1 21/32	1 1/2	5	1.45
32-7758	18,000	5.0	2	3 3/8	1 3/8	1	1.50
32-7778	18,000	1.25	2 3/8	3 3/8	2	3	1.60
32-7829	18,000	1.25	2 3/8	3 3/8	1 7/8	1	1.60
32-8053	23,000	3.5	1 3/8	3	1 3/8	1	1.25
32-8107	40,000	3.0	1 3/8	2 1/8	1 3/8	1	1.10

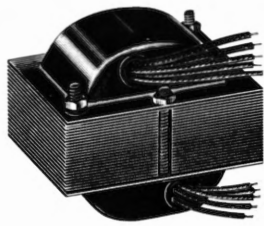
OUTPUT TRANSFORMERS

For Single Output Tubes

Part No.	Impedance Ohms at 400 Cycles		Height	DIMENSIONS INCHES		Type Mounting	List Price
	Pri.	Sec.		Width Across Core	Width Across Coil		
32-8033	2,000	3.1	2	2 19/32	1 1/4	1	\$1.40
32-8127	2,000	3.0	2	2 3/8	1 3/8	1	1.15
32-8136	2,000	3.3	1 3/8	2 3/8	1 3/8	1	1.00
32-7020	3,000	.89	2	2 19/32	1 1/2	1	.90
32-7395	3,200	.95	1 1/2	3	1 3/8	3	1.10
32-7986	3,600	3.5	1 1/2	2 1/2	1 1/2	1	1.00
2660	5,000	.77	2	2 1/8	1 3/8	1	1.00
32-7495	6,000	4.6	1 1/2	3	1 3/8	3	1.05

PHILCO POWER TRANSFORMERS

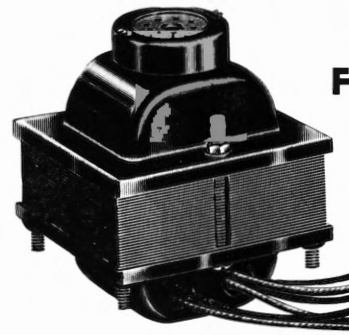
SIZES AND MOUNTINGS FOR ALL MAKES OF RADIOS



HORIZONTAL, FLUSH MOUNTING TYPE

6.3 Volt Filament—110 to 120 Volt, 50 to 60 Cycle Primary

Part No.	No. Tubes	Filament Secondary		High Voltage Secondary		Size			Wiring Code See Page 32	List Price
		Volt	Amp.	Volt	DC-Ma.	Height	Width	Depth		
32-7064	4-5	6.3	2	580	50	3	2%	2%	F	\$3.25
		5.0	2							
32-7552	4-5	6.3	2	580	50	2%	3	2 1/2	F	3.25
		5.0	2							
32-7780	5-6	6.3	2	574	59	2%	2 1/2	3	F	3.60
		5.0	2							
32-7974	5-6	6.4	2	524	53	2%	3	2 1/2	H	2.75
32-7976	5-6	6.4	2	540	56	2%	3	2 1/2	H	2.75
32-7833	6-7	6.7	3	636	85	3%	3%	3	G	4.00
		5.0	2							
32-7226	6-7	6.3	2	680	65	3%	3 1/4	2%	F	4.25
		5.0	2							
32-7381	6-7	6.3	2	680	65	3%	3%	3	G	4.00
		5.0	2							
32-7626	6-7	6.3	2	680	65	2%	3%	3 1/4	G	4.25
		5.0	2							
32-7229	6-7	6.3	2	746	78	3%	3 1/4	3%	F	5.25
		5.0	2							
32-7384	6-7	6.3	2	746	78	3%	3%	3 1/4	G	5.50
		5.0	2							
32-8052	8	6.4	2	525	65	3 1/4	3	2 1/2	I	3.50
32-7402	8-9	6.3	4	760	140	4	4%	3%	G	7.50
		5.0	2							
32-7837	8-9	6.7	4	660	113	4 1/4	3%	3 1/4	G	5.50
		5.0	2							
32-7998	8-9	6.4	4	610	101	3%	3%	3 1/4	G	5.00
		5.0	2							
32-7440	10-11	6.3	4	720	123	3%	4%	3%	G	6.00
		5.0	2							
32-8059	11	6.3	4	.....	.....	3 1/4	3%	3 1/4	G	5.25
		5	2							
32-7291	11-12	6.3	5	720	123	3%	4%	3%	G	7.00
		5.0	2							
32-7283	11-12	6.3	5	780	150	4 1/4	4%	3%	G	7.00
		5.0	3							
32-7431	11-12	6.3	3 ct	830	170	4 1/4	4%	3%	D	7.50
		5.0	3							
		6.3	3							
32-7869	12-13	6.7	6	664	163	4%	4%	3%	G	7.15
		5.0	3							
32-8001	14-15	6.4	5	750	131	3%	4%	4	G	7.00
		5.0	2							
32-7455	15-16	6.3	3	740	180	4 1/4	4%	3%	M	8.00
		5.0	3							
		6.3	3							
		5.0	2							
32-7888	20-21	6.7	2	570	75	4%	4%	3%	C	8.75
		6.7	7							
		5.0	3							



HORIZONTAL, FLUSH MOUNTING TYPE

With Built-in Rectifier Socket

6.3 Volt Filament—110-120 Volt, 50 to 60 Cycle Primary

Part No.	No. Tubes	Filament Secondary		High Voltage Secondary		Size			Wiring Code See Page 32	List Price
		Volt	Amp.	Volt	DC-Ma.	Height	Width	Depth		
32-7583	6-7	6.7	2	670	70	4	3%	3	F	\$4.50
		5.0	2							
32-7597	7-8	6.7	3	670	100	4 1/2	3%	3 1/4	G	5.25
		5.0	2							
32-7606	8-9	6.7	3	700	135	4%	4%	3%	G	6.25
		5.0	2							
32-7615	9-10	6.7	4	735	168	4%	4	4%	G	7.00
		5.0	3							
32-7640	11-12	6.7	4	720	140	4 1/2	4	4%	G	6.50
		5.0	3							
32-7699	12-13	6.7	7	740	175	5	4	4%	G	7.50
		5.0	3							
32-7688	15-16	6.7	4	715	170	5	4	4%	B	7.50
		6.7	4							
		5.0	2							
32-7731	20-21	6.7	1	705	210	4%	4	4%	B	7.50
		6.7	1							
		5.0	3							



VERTICAL MOUNTING TYPE

With Terminal Panel

2.5 Volt Filaments—110-120 Volt, 50 to 60 Cycle Primary

Part No.	No. Tubes	Filament Secondary		High Voltage Secondary		Size			Wiring Code See Page 32	List Price
		Volt	Amp.	Volt	DC-Ma.	Height	Width	Depth		
4234	7-8	2.8	7 ct	700	80	5%	3%	3 1/4	O	\$7.00
		5.0	2 ct							
		5.0	2							
3400	8-9	1.5	4	700	105	5%	3%	3%	Q	7.50
		2.5	2 ct							
		2.6	3							
		5.0	2							
3752	9-10	2.6	10 ct	700	110	5%	3%	3%	N	8.00
		2.6	4 ct							
		5.0	2							
5594	11-12	2.6	14 ct	660	120	5%	3%	4 1/2	N	7.00
		2.6	4 ct							
		5.0	2							
4446	11-12	2.6	14 ct	700	120	5	3%	4 1/2	N	7.00
		2.6	4 ct							
		5.0	2							

SEE PAGES 41 TO 47 FOR COMPLETE LISTING OF POWER TRANSFORMERS FOR ALL PHILCO MODELS

PHILCO POWER TRANSFORMERS

CONSERVATIVELY RATED—LOW OPERATING TEMPERATURE



VERTICAL MOUNTING TYPE

With Leads

2.5 Volt Filaments—110-120 Volt, 50 to 60 Cycle Primary

Part No.	No. Tubes	Filament Secondary		High Voltage Secondary		Size			Wiring Code See Page 32	List Price
		Volt	Amp.	Volt	DC-Ma.	Height	Width	Depth		
5785	3	2.5 5.0	4 ct 2	330	30	3 1/2	2 1/2	2 7/8	E	\$3.25
5117	7-8	2.5 2.5 5.0	9 ct 2 ct 2	665	95	5%	3%	3%	A	6.50
5362	9-10	2.6 2.5 5.0	12 2 ct 2	630	100	5%	3%	3%	A	6.25
4938	9-10	2.5 2.5 5.0	10 ct 4 ct 2	770	105	5%	3%	4 1/2	A	7.50
6072	9-10	2.5 2.5 5.0	12 ct 4 ct 2	660	120	5%	3%	3%	A	6.25

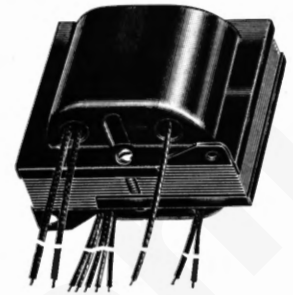
6.3 Volt Filaments—115-120 Volt, 50 to 60 Cycle Primary

32-7180	4-5	6.3 5.0	2 2	630	55	3%	2%	2%	F	3.60
7421	4-5	6.3 5.0	2 2	630	55	4%	3%	2%	G	3.25
8046	5-6	6.3 5.0	2 ct 2	680	65	4 1/2	3 1/4	3	F	3.50
32-7826	5-6	6.7	2	516	50	3	2%	2%	H	3.00
32-7925	5-6	6.3 5.0	2 2	490	85	3	2%	2%	F	3.75
32-8055	6	6.4	2	310	52	3	2%	2%	H	3.50
32-7137	6-7	6.3 5.0	2 2	680	65	4 1/2	3 1/4	3	F	4.00
32-7170	6-7	6.3 5.0	2 2	746	78	4%	3%	3 1/2	F	4.50
32-7234	6-7	6.3 5.0	2 2	746	78	4 1/2	3 1/4	3 1/2	G	4.25
32-7369	7-8	6.3 5.0	4 2	710	118	5%	3%	3%	G	8.00
32-7462	7-8	6.3 5.0	4 ct 2	710	118	5%	3%	3%	G	6.00
7074	8-9	6.3 5.0	3 ct 2	685	70	4 1/2	3 1/4	3 1/4	E	4.50
32-7111	8-9	6.3 5.0	4 2	760	140	5%	3%	3%	F	6.75
32-7979	8-9	6.4	2	410	42	3	2%	2 1/4	H	2.75
32-8132	8-9	6.4 6.4	3 2	525	65	3	2%	2%	G	4.00
32-8069	8-10	6.4 5	3 2	610	101	3%	3 1/4	3 1/2	G	5.25
6804	9-10	6.3 5.0	4 ct 2	700	135	5%	4	3%	E	5.50
32-7258	10-11	6.3 5.0	5 3	780	150	5%	3%	4 1/4	G	7.50
32-7080	11-12	6.3 5.0	5 ct 2	720	123	5%	3%	3%	E	8.00
6672	11-12	6.3 5.0	5 ct 2	720	145	5 1/2	4	3%	P	7.50

SEE PAGES 41 TO 47 FOR COMPLETE LISTING OF POWER TRANSFORMERS FOR ALL PHILCO MODELS

VERTICAL MOUNTING TYPE

Bracket Mounting



2.5 Volt Filament—110-120 Volt, 50 to 60 Cycle Primary

Part No.	No. Tubes	Filament Secondary		High Voltage Secondary		Size			Wiring Code See Page 32	List Price
		Volt	Amp.	Volt	DC-Ma.	Height	Width	Depth		
5266	5-6	2.5 5.0	7 ct 2	700	65	3 1/4	3%	3 1/4	E	\$4.25

6.3 Volt Filament—115-120 Volt, 50 to 60 Cycle Primary

32-8064	7	6.4	3	512	54	3 1/4	2 1/2	2 1/2	H	\$3.00
32-8068	8	6.4	3	650	60	3 1/4	2 1/2	2%	H	4.00



Step Down Transformers

For Operating 110 Volt Radios or Appliances From 220 Volt Circuits

Primary connected to 9-foot cord with plug.
Secondary connected to built-in receptacle.

Part No.	Voltage (AC)		Frequency	Power Rating Watts	Height	Width	Depth	List Price
	Pri.	Sec.						
32-7935	220	110	50 to 60	45	3 1/4	2%	3%	\$8.50
5563	230	115	25 to 60	65	3 1/4	3%	3 1/4	9.50
5716	250	125	25 to 60	150	5 1/4	3 1/4	4 1/2	15.00



LOW VOLTAGE TRANSFORMERS

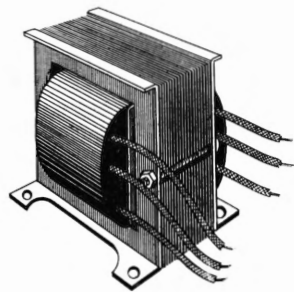
For Filament and Heater Voltage Supply and Small Motors

115 Volt, 50 to 60 Cycle Primary

Part No.	Filament Secondary		Size			Wiring Code See page 32	Price
	Volts	Amp.	Height	Width	Depth		
5906	2.5	4	2%	2 1/4	1%	L	\$1.75
32-7988	6.3	1	1%	1%	1%	....	1.50
32-7990	21.4	1.12	2	1%	2 1/4	J	1.50
32-7993	2.5	2.5	1%	1%	2%	K	1.50

PHILCO POWER TRANSFORMERS

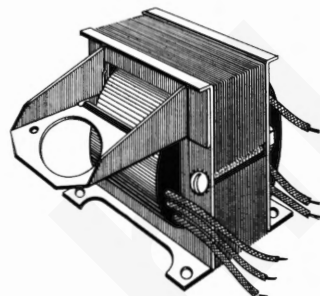
FOR AUTO RADIOS OF ALL MAKES AND MODELS



VERTICAL MOUNTING TYPE

6.0 Volt Storage Battery

Part No.	No. Tubes	Secondary		Size			Wiring Code See next col.	List Price
		Volts	AC-Ma.	Height	Width	Depth		
32-7682	5	120	30	2 3/4	3	2 1/2	R	\$2.20
32-7030	5	180	35	3 1/2	2 1/2	2 1/2	R	2.25
32-7315	6	260	40	3 1/2	2 1/2	2	R	2.40
32-7352	6	260	40	3 1/2	2 1/2	2 1/2	R	3.00
32-7482	6	260	40	3 1/2	2 1/2	2 1/2	R	2.50
32-7550	6	230	40	2 3/4	3	2 1/2	R	2.75
32-7720	6	230	40	2 3/4	3	2 3/4	R	2.60
32-7958	6	230	40	2 3/4	3	2 3/4	R	3.25
32-7683	7	260	40	2 3/4	3	2 3/4	R	2.50
32-7821	7	260	60	2 3/4	3	2 3/4	R	2.60
32-7951	7	260	60	2 3/4	3	2 3/4	R	3.25
32-7488	6	260	40 ct	3 1/2	2 1/2	2 3/4	R	2.50



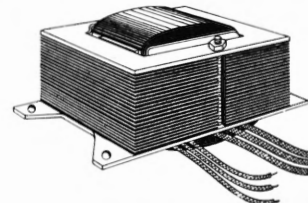
VERTICAL MOUNTING TYPE

With Bracket For Tube Socket

6.0 Volt Storage Battery

Part No.	No. Tubes	Secondary		Size			Wiring Code See next col.	List Price
		Volts	AC-Ma.	Height	Width	Depth		
32-7098	6	230	75	3 1/2	2 1/2	2 1/2	R	\$2.40
32-7131	6	180	35	3 1/2	2 1/2	2 1/2	R	2.50
32-7216	6	260	40	3 1/2	2 1/2	2	R	2.60

HORIZONTAL MOUNTING TYPE



6.0 Volt Storage Battery

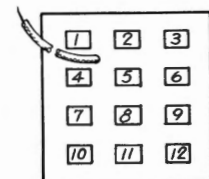
Part No.	No. Tubes	Secondary		Size			Wiring Code See below	List Price
		Volts	AC-Ma.	Height	Width	Depth		
32-7110	6	180	35	3 1/2	2 1/2	2 1/2	R	2.70
32-7253	6	260	35	3 3/8	2 1/2	3/8	R	2.50
32-7232	6	260	40	2 1/4	2 1/2	3 1/2	R	2.40

WIRING CODE

For All Transformers Listed on Pages 28, 29, 30

Type	Primary	High Voltage Secondary	Filament No. 1	Filament No. 2	Filament No. 3	Filament No. 4
A	White	Yellow Yel.-Grn. (CT)	Black Blk.-Yel. (CT)	Green Blk.-Grn. (CT)	Blue	
B	White White-Black	Yellow Yel.-Grn. (CT)	Black Blk.-Yel.	Black Blk.-Yel.	Blue Blue 5 1/2" (CT)	Blk.-Yel.
C	White White-Black	Yellow Yel.-Grn. (CT)	Black	Blue Blue 5 1/2" (CT)	Blk.-Yel.	
D	White	Yellow Yel.-Grn. (CT)	Black	Black Blk.-Yel. (CT)	Blue	
E	White	Yellow Yel.-Grn. (CT)	Black Blk.-Yel. (CT)	Blue		
F	White	Yellow Yel.-Grn. (CT)	Black Blk.-Yel. (CT)	Blue		
G	White	Yellow Yel.-Grn. (CT)	Black	Blue 6" lead (CT)		
H	White	Yellow Yel.-Grn. (CT)	Black			
I	White	Green Yel.-Grn. (CT)	Black			
J	White	Yellow				
K	White Black		Green Yellow			
L	Black		Yellow Green (CT)			
M	White	Yellow Yel.-Grn. (CT)	Black	Black Blk.-Yel. (CT)	Blue	Blue-White
*N	3-6	1-10 9 (CT)	2-5 Yellow (CT)	8-11 12 (CT)	4-7	
*O	9-12	1-10 5 (CT)	3-6 Black (CT)	8-11 2 (CT)	4-7	
*P	3-6	1-10 9 (CT)	2-5 Yellow (CT)	4-7		
*Q	Black Green	1-2 3 (CT)	7-10	8-11 Yellow (CT)	6-12 9 (CT)	4-5
R	White White- Blk. (CT)	Yellow Yel.-Grn. (CT)				

Fig. 1



*NOTE: Terminal numbers (Codes N, O, P and Q) refer to Fig. 1 illustrating terminal board on base of transformer.

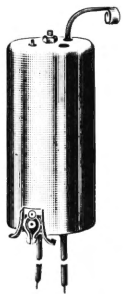
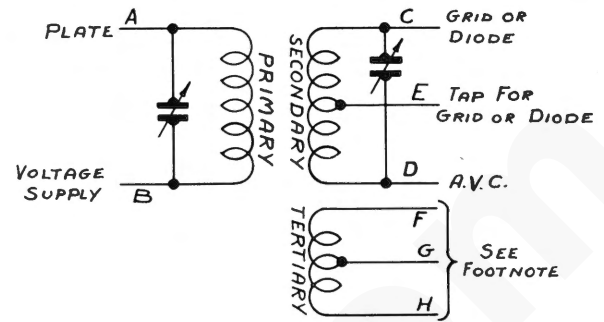
SEE PAGES 41 TO 47 FOR COMPLETE LISTING OF POWER TRANSFORMERS FOR ALL PHILCO MODELS

PHILCO UNIVERSAL I.F. TRANSFORMERS

FOR ALL MAKES OF RADIOS—FOR ALL EXPERIMENTAL AND AMATEUR USES

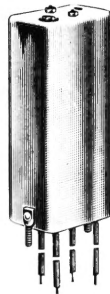
LOWEST PRICES! . . . COMPLETE ASSORTMENT!

These prices are low enough for you to stock all types for replacements in all makes of radios—especially those for which replacement parts are difficult to obtain. Also ideal for the set builder and amateur.



**Type 1
Shielded**

Ceramic
Compensators
2-Hole, Spring
Clip Mounting



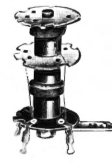
**Type 2
Shielded**

Ceramic
Compensators
2-Hole Spade
Bolt Mounting



**Type 3
Unshielded**

Ceramic
Compensators
2-Hole
Mounting



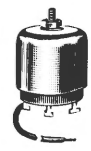
**Type 4
Unshielded**

No
Compensators
Single Hole
Mounting



**Type 5
Unshielded**

Moulded
Compensators
2-Hole Mounting
to Compensator



**Type 6
Shielded**

No Compensators
Single Bolt
Mounting

Part No.	Type No.	Frequency Range—K.C.	For Input to:		Dimensions Inches		Primary			Secondary			Tertiary		List Price	
			I.F. Stage	Diode	Dia.	Height	A	B +	C	D	E	F	G	H		
45-2856	1	450-480	X		1 3/4	3 3/4	white	red	green	brown						.95
45-2857	1	450-480	X		2	4 1/2	lug	red	green	brown						.95
45-2858	1	450-480	X		2	4	white	black- white	green	brown						.95
45-2859	1	450-480	X		1 3/4	3 3/4	white	red	green	brown		black			black- yellow	.95
45-2860	1	450-480		X	1 3/4	3 3/4	white	red	green	brown						.95
45-2861	1	450-480		X	2	4 1/2	white	red		brown	green	lug			green- white black- yellow	.95
45-2862	1	450-480		X	1 3/4	3 3/4	white	red	green	brown		black			black- white	.95
45-2863	1	450-480		X	2	4	white	red	green	brown		yellow bare wire	green- yellow		black- white bare wire	.95
45-2864	2	450-480		X	1 1/2	5	white	red	green	brown			blue			1.50
45-2865	2	450-480	X		1 3/4	3 1/2	white	red	green	brown						.95
45-2866	2	450-480		X	1 3/4	3 1/2	white	red	green bare wire	brown bare wire						.95
45-2867	2	450-480		X	1 1/2	4 1/2	white	red	wire	wire	lug					1.50
45-2868	3	450-480	X		1 3/4	3	white	red	green	brown						.80
45-2869	3	450-480	X		1 3/4	3	white	red	green	brown		black			black- yellow	.80
45-2870	3	450-480		X	1 3/4	3	white	red	green	brown						.80
45-2871	3	250-270		X	1 3/4	2 1/4	white	red	green	brown						.80
45-2872	3	450-480	X		1 1/2	5	white	red	green	brown						.80
45-2873	4	450-480	X		1 3/4	2 3/4	lug	lug	lug	lug						.50
45-2874	4	165-185		X	1 3/4	2 1/4	lug	lug	lug	lug						.50
45-2875	5	450-480		X	1 3/4	1 1/2	lug	lug black- white red	lug	lug						.80
45-2876	6	250-270	X		1 1/2	4	white		green	green						.80

NOTE: Transformers which have two connections listed under Tertiary (F and H) can be used for degenerative feed back, F connecting to ground and H to cathode. Those which have three connections listed under Tertiary (FGH) can be used to operate a discriminator for automatic frequency control, F and H being the diode connections and G the center tap. These tertiary windings need not be used if they are not required in a given circuit.

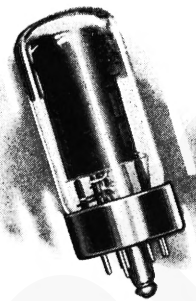
PHILCO RADIO TUBES

PRICE LIST — SUBSTITUTION LIST



Philco Tubes improve the performance of any radio! Scientifically engineered, precision-built, by Philco, subject to thorough tests in every stage of manufacture, they give long, dependable and economical service.

Philco Tubes bring you **BIGGER SALES, MORE PROFITS** because . . . there are more Philco sockets than any other . . . there is greater acceptance of the name **PHILCO** . . . more people actually prefer Philco Tubes. Concentrate on Philco and profit!



Type	List	Type	List	Type	List	Type	List
01A	\$.80	12A	\$.90	31	\$.90	6B5	\$1.85
024	1.50	12A5	2.25	32	1.20	6B7	1.20
024G	1.50	12A7	1.85	32L7GT	1.85	6B8	1.85
1A1	1.00	12A8G	1.20	33	1.20	6B8G	1.20
1A4	1.50	12A8GT	.90	34	1.20	6C5	1.00
1A4T	1.50	12B8GT	1.50	35A5*	1.20	6C5G	.90
1A5G*	1.50	12C8	1.85	35L6G	1.20	6C6	.90
1A5GT	1.00	12F5GT	.90	35L6GT	.90	6C8G	1.50
1A6	1.20	12J5GT	.90	35Z3*	1.20	6D6	.90
1A7G*	1.50	12J7GT	1.00	35Z4GT	.70	6D8G	1.50
1A7GT	1.20	12K7G	1.20	35Z5G	1.20	6E5	1.00
1B4	1.20	12K7GT	.90	35Z5GT	.75	6F5	1.00
1B5/25S	1.20	12Q7G	1.20	35-51	.90	6F5G	1.00
1C1	1.00	12Q7GT	.80	36	.90	6F5GT	.90
1C5G	1.50	12SA7	.90	37*	.75	6F6	1.00
1C5GT	1.20	12SC7	1.20	38	1.00	6F6G	.80
1C6	1.20	12SJ7	1.00	39-44	.90	6F7	1.50
1C7G	1.20	12SK7	.90	40	1.20	6F8G	1.20
1D1	1.00	12SK7G	.90	40*	1.50	6U5/6G5	1.20
1D5GP	1.20	12Z3	.90	41*	.75	6G6G	1.20
1D5GT	1.20	1232	1.85	42*	.75	6H6	1.00
1D7G	1.50	14	1.85	43	1.00	6H6G	1.00
1D8GT	1.85	15	1.85	45	.70	6H6GT	1.00
1E4G	1.20	17	1.85	46	1.00	6J5	.80
1E5GP	1.50	182B	1.85	47	1.00	6J5G*	.90
1E7G	2.25	183	1.85	48	2.25	6J5GT	.80
1F1	1.00	19	1.20	485	1.85	6J7	1.20
1F4	1.20	2	1.20	49	1.20	6J7G	1.00
1F5G	1.20	2A3	1.85	5	1.20	6J7GT	1.00
1F6	1.50	2A4G*	2.25	5U4G	.90	6J8G*	1.50
1F7G	1.50	2A5	.90	5V4G	1.50	6K5G	1.00
1G4G	1.20	2A6	.90	5W4	1.00	6K5GT	1.00
1G5G	1.20	2A7	1.00	5X4G	1.00	6K6G	1.00
1G6G	1.50	2B7	1.20	5Y3G	.60	6K6GT	.90
1H4G	.90	22	2.25	5Y4G	.65	6K7	1.00
1H5G*	1.20	24A	.80	5Z3	1.00	6K7G	1.00
1H5GT	1.00	25A6	1.85	5Z4	1.20	6K7GT	.90
1I6G	1.20	25A6G	1.00	50	2.25	6K8	1.20
1J6G	1.20	25A7G	1.50	50L6GT*	1.00	6K8G	1.20
1LA4*	2.25	25A7GT	1.50	53	1.50	6K8GT	1.20
1LA6*	2.25	25AC5G	1.50	55	1.00	6L5G	1.00
1LB4*	2.25	25B6G	1.85	56	.70	6L6	1.85
1LC6*	2.25	25B8GT	1.85	57	.80	6L6G	1.85
1LD5*	2.25	25C6G	1.85	58	.80	6L7	1.50
1LH4*	2.25	25L6	1.50	59	1.50	6L7G	1.50
1LN5*	2.25	25L6G	1.20	6	1.20	6N6G	2.25
1N5G*	1.50	25L6GT	1.00	6A3	1.85	6N7	1.50
1N5GT	1.20	25Z5	.90	6A4	1.50	6N7G	1.50
1N6G	1.20	25Z6	1.20	6A5G	2.25	6P5G	.75
1P5G	1.50	25Z6G	.90	6A6	1.50	6P7G	2.25
1Q5G	1.50	25Z6GT	.90	6A7*	.90	6Q7	1.20
1Q5GT	1.50	26	.65	6A8	1.20	6Q7G	.80
1V	.90	27	.60	6A8G	.90	6Q7GT	.80
1Y1	1.00	3Q5G*	1.50	6A8GT	.90	6R7	1.50
1Z1	1.00	3Q5GT	1.50	6AC5G	1.20	6R7G	1.00
10	2.25	30*	.90	6AF5G	1.20	6S7G	1.50
117Z6G*	1.50			6B4G	1.85	6SA7	.90

*Indicates Tubes used in 1941 Philco Sets.

PHILCO TUBES are interchangeable with other brands of tubes carrying the same type numbers. However, some manufacturers have brought out tubes identical with Philco's but with different designation. These types may be interchangeable with Philco as specified below:

Competitive Type	Philco Type	Competitive Type	Philco Type	Competitive Type	Philco Type	Competitive Type	Philco Type	Competitive Type	Philco Type
1A4	1A4T	6AB6G	6N6G	13	80	65 or 65A	39-44**	P861	84
1KR1	1V	6B6G or 6B6	6Q7G*	14Z3	12Z3	67 or 67A	37**	951	1B4
1B4P	1B4	6C5MG	6C5G*	16 or 16B	81	68 or 68A	38**	986	83***
1D5G	1D5GT	6F5G	6F5G*	22AC	24A	71 or 71B	71A	AD	1V
1E5G	1E5GP	6F6MG	6F6G*	KR25	2A5	80M	83	AF	82
1E5GT	1E5GP	6H6MG	6H6G*	25Z5MG	25Z6G*	81M	81	AG	83
2A3H	2A3	6J7MG	6J7G*	27HM	56	82V	82	AX	01A
5T4	5U4G	6K7MG	6K7G*	KR28	84	88	83***	D-1/2	81
KR5	6A4	6L7MG	6L7G*	36A	36	95	2A5	D1	80
5W4G	5W4 or 5Y3G	6N6MG	6N6G*	37A	37	96	1V	DE1	27
5Y3	5Y3G	6P7	6P7G	38A	38	98	84	G	40
5Y4	5Y4G	6Q6G or 6Q6	6T7G	39A	39-44	288	83V	LA	6A4
5Z4G	5V4G or 5Z4	6R7MG	6R7G*	43MG	25A6*	482A	71A	PZ	47
5Z4MG	5V4G or 5Z4	6W5G	6X5G	45A	45	484	485	RE1	80
6A4/LA	6A4	6Z3	1V	HZ50	12Z3	585	50	RE2	81
6A8MG	6A8G*	6Z4	84	64 or 64A	36**	586	50	S02	50

**If Metal and "G" types are interchanged, outside shields and realignment of circuits may be required.
 ***Do not use in sets with series filament.
 ****Do not use if set's transformer will not take one ampere additional filament current.

PHILCO REPLACEMENT VIBRATORS

FOR ALL MAKES OF AUTO RADIOS



You can now supply all of your customers with genuine Philco Sealed Carton Vibrators for all makes of auto radios. They cost no more than inferior substitutes.

There are more Philco Auto Radios in use today than any other make — there is greater acceptance of the name Philco. Concentrate on Philco Vibrators and profit!



STOCK ONLY 15 TYPES OF PHILCO VIBRATORS TO SERVICE 1300 MODELS!

NUMERICAL LISTING OF PHILCO VIBRATORS

Philco Part No.	No. of Base Prongs	Type	Diameter	Height	No. of Models Used in		List Price	Philco Part No.	No. of Base Prongs	Type	Diameter	Height	No. of Models Used in		List Price
					Philco	Other Makes							Philco	Other Makes	
38-9909	4	Non Syn.	1½	3½	....	631	\$2.95	41-3170	4	Non Syn.	2	3%	69	56	\$2.50
38-9910	4	Non Syn.	1½	3½	....	262	4.95	41-3186	4	Non Syn.	1½	4%	91	50	3.00
38-9911	4	Non Syn.	1%	3½	....	66	2.95	*41-3300	6	Non Syn.	2	3½	2	....	4.00
38-9912	4	Non Syn.	1½	3½	....	26	2.95	41-3398	4	Non Syn.	1½	3½	21	8	2.50
38-9913	4	Non Syn.	1%	3%	....	52	2.95	83-0017	4	Non Syn.	1½	2%	12	7	2.50
41-2028	5	Syn.	1½	4%	....	13	5.50	83-0025	4	Non Syn.	1½	3½	7	3	2.50
41-2029	5	Syn.	1½	4%	....	116	5.50	83-0026	4	Non Syn.	1½	3%	....	3	2.50
41-2030	5	Syn.	1%	3½	....	7	4.95	*Special vibrator for continuous duty in police radios.							

LISTING OF PHILCO VIBRATORS BY MAKE AND MODEL

Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.	Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.
Acratone	10, 250B, 259B, 260B, 42D, 43D, 44D 53D,		Baldwin	54, 64	38-9909
	U6	38-9909	Balkeit	U6, 54, 64	38-9909
Addison	6 Tube De Luxe Auto	38-9909	Belmont	560, 566, 577, 661, 666, 667, 668, Wings;	
Admiral	55, 69, 78, 88, 780, 880, 950-6A, 965-6A, 5F,			677, 881, 505A, 553A, 567A, 577A*, 666A,	
	PH-16, U-6	38-9909		676A, 751A, 577B*, 666B, 577C*, 577D*..	38-9909
Aircastle	U6, 14-112S	38-9909	Belmont	408 Household, 504, 611, 706, 804, 408A,	
Aircastle	3407	38-9910		415A, 489A, 504A, 823A, 415B, 489B.....	38-9910
Airline	U6, U66S, 6S, 16S1, 60, 62, 119, 165L,		B. O. P.	393884, 544245, 544246, 544247, 544268.....	41-2029
	62-202, 62-236, 62-242, 62-263, 62-553....	38-9909	Bosch	536, 636, 637	38-9909
Airline	19A28, 62-264, 62-280A, 62-292, 62-294,		Bosch	79, 139, 149, 169, 178, 337, 536, 634, 636,	
	62-345, 62-363, 62-373, 62-374, 62-463,			637, 735, 736, 737, 738, 838, 858, 524A,	
	62-465, 62-650	38-9910		634A, 634A2, 736A2, 737A2, 738A2, 536B,	
Air Mate	544267	41-2029		79C	38-9911
Allied	E10719, E10720, E10721, E10727, E10825,		Buick	98252, 98253, 98254, 98255 (Second Series)....	38-9912
	E10826, E10827, E10828, E10829, E10831,		Buick	980507, 580508, 980509, 980525, 980526,	
	E10832	38-9910		980529, 1291344, 1291345	41-2028
Amrad	F546	38-9910	Buick	544245, 544246, 544267, 544268, 1291344,	
Andrea	626, 627, 628 (E6B)	38-9910		1291345	41-2029
Arvin	5, 6, 7, 17, 18, 19, 27, 28, 29, 32, 33, 37,		Buick	980534, 980535, 1304873, 1304874 (980566,	
	38, 39, 42, 9A, 22A, 44C, 22EM, 28EM....			980567), 1308221, 980620	41-2030
	280M	38-9909	Cadillac-La Salle	7232502	41-2030
Associated Radio	All Models using 4-prong vibrators	38-9909	Canadian General Electric	H5M, K7M	38-9909
Atwater Kent	237Q, 237Z, 467Q, 126, 136, 416, 446, 556....	38-9909	Cavalcade	54, 64, 359	38-9909
Auburn	980525, 980526	41-2028	Cavalier	M85T, M85S	38-9909
Audiola	64, 66, 73, 74, C6	38-9909	Champion	500, 501, 600, 601	38-9909
Audiola	43, 67, 73, 6717, 6746, 43C1B, 73C2B,		Chevrolet	985100, 985200	38-9911
	73C3B, 43T1B, 73T3B	38-9910	Chevrolet	983834, 985200 (Second Series)	38-9912
	73C3B	38-9910	Chevrolet	985425, 985537, 985538	38-9909
Audiat	23, 24, 505, 518, 530, 618, 518S, 618S....	38-9909	Chevrolet	985252 to 985255, 985283 to 985285,	
Automatic	All 1936 Plug-in Models and M10, M20, M60,			985424, 985426	38-9913
	M70, M80	38-9909			
Autotone	6 Tube	38-9910			

PHILCO REPLACEMENT VIBRATORS

FOR ALL MAKES OF AUTO RADIOS

Vibrators

Auto Radio

Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.	Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.
Chevrolet	985300, 985301	41-2028	Fairbanks-Morse	4A, 4B, 6C, 43C1B, 73C3B, 73T3B, 432B, 6CC-2B, 43T1B, 6TC-4B	38-9910
Chevrolet	601038, 601176, 601177, 601525, 601574, 601586, 601662, 601814, 985400	41-2029	Firestone	54, 64, 1314, 1332, 1182, 7425, 7407-6, R131, R133	38-9909
Chrysler	B6F, B9F, CDS, CGD, CGDU, CRD, CT2, CT5, CT10, CT11	41-3186	Firestone	H7424, S-7423-3, S-7424-3, S-7428-1	38-9910
Chrysler	C1423, C1450, C1452, C1540, C1542, C1550, C1608	41-3170	Firestone	7407-3	38-9911
Chrysler	C1606, C1608	41-3398	Ford	FN, FT6, FT9	41-3186
Chrysler	C1708	83-0026	Ford	F1440, F1442, F1540, F1542, F1440X, F1442X	41-3170
Clarion	60, 61, 71, 80, 81, 110, 646, 746, 846, AR-100, TC50 4 prong)	38-9909	Ford	F1640	41-3398
Clarion	562	38-9910	Ford	6MF490	38-9909
Climax	66	38-9909	Ford	F1740	83-0017
Climax	AKE	38-9910			
Clinton	801, 802, 803, 804, 805, 806, 807, 808, 809 (1935 & 1936 Models)	38-9909	Garod	B37	38-9909
Colonial	350	38-9909	General	801, 802, 803, 804, 805, 806, 807	38-9909
Colonial	R14840	38-9910	General Electric	D72, K6M, K7M, M58, M60, M68, M69, M602, N60	38-9909
Colonial	1938 and 1939 (4-prong), 538, 539	38-9912	General Electric	FB53, FB57, FB73, FB77, U51, U55	38-9910
Colonial	434, 439, 440, 441, 444	38-9913	General Motors	650, 651, 750, 751	38-9909
Colonial	349, 355, 359, 361-1, 361-2	41-2029	General Motors	136, 137, 138, 540, 640, 641	41-2029
Continental	55, 66, 69, 77, 78, 88, 660, 770, 880, 7A, 950-6A, 965-6A, 6D, U6	38-9909	General Motors (Canada)	650, 651, 750, 751	38-9909
Cord	A245, A255, A355, A455	41-2029	Gilfillan	67A, 67R, 77R	38-9909
Corona	105, 122	38-9909	Globe	1936 Models and all others using 4-prong vibrators	38-9909
Corona	212, 214	38-9910	Goldentone	U6	38-9909
Coronado	(Gamble-Skogmo) 6C1, 26R1, 46L1 (19A25)	38-9909	Gold Medal	U6	38-9909
Coronado	500	38-9911	Goodrich	50, 60, 65, 80, 90 "Wings"	38-9909
Coronado	6L, 566, 666, 667, 677, 677A, 677B, 803A, 803B	38-9909	Goodyear (Wings)	504A, 015120, 015121, 015110, 015111, 010219, 010221, 1010219, 1015110, 1015111, 1015120, 1015121	38-9910
Coronado	489, 504	38-9910	Goodyear (Wings)	661, 666, 667, 01019 (661), 01020, 010110 (667), 015130, 015131, 100502, 101500, 101501, 101502, 1015130, 1015131	38-9909
Crosley	A168, A169, A196, A258, A266 "Roamio Fiver," A267, A268, A368, B587A, B667A, B667M, C159	38-9909	G. M. Truck	7233966, 7233987	38-9913
Crosley	B46, 46, 416, 435, 546, 636, 6615	38-9910	Graham	G1418, G1436, G1528, G1628	41-3170
Crosley	A156, A157, A167, A177	38-9911	Graham	G1628	41-3398
Crosley	A166, A255, A355, A366, A455, A555	41-2029	Graham	A255, A355, A555	41-2029
			Grunow	614, 613	38-9911
Delco	500, 630, 631, 631A, 632, 633	38-9911	Grunow	508, 509 (5AB)	38-9909
Delco	6-3, R640, R641, R642, R643, R644, R663, R664, R665, R666, R667, R668, R669, R673	38-9913	Grunow	625, All 1936 Household Models	41-2028
Delco	625, 626, 627, 628, 629, 634, 635	41-2029			
DeLuxe	6-prong Sync	38-9910	Halsen	56U, 560, 199 "Roadmaster" 4 prong	38-9909
DeSoto	Same as Chrysler		Harley Davidson	560	38-9909
Detrola	6M, 6R, 1935 Plug-in, 111, 112, 166, 244, 1938 Models, 14-112S, 1112	38-9909	Howard	HA3, HA4, HA7, HA8, HA9	38-9909
Dodge	Same as Chrysler		Howard	H7424-3, 6B, 68B, 6BA, 6BT, 7BT	38-9910
Dominion Electrohome	7V51-P, 7V51-M, 7V52-E, 7V62-P, 7V83-S, 8V41-E, 8V41-E-1, 8V51-M, 8V51-P	38-9910	Hudson Terraplane	666, 668, 114300, H6, SA38	38-9909
			Hudson Terraplane	666, 668, 680, H6, SA38	38-9911
Echophone	1935 Models	38-9909	Hupmobile	HGD, HHD, HRD, HT2, HT11, HT11X	41-3186
Echophone	6-volt Household Models	38-9910			
Emerson	AS179, E, E123, E128, F122, F133, F135, F141, G127, U154, V154, V155, 2A, 6A	38-9909	International (Kadette)	90	38-9909
Emerson	AS, 46V-11	38-9910			
Erla	10M, 10MF, 11M, 100X, 144X, 144XE, 5500	38-9909	Jacobs	Household	38-9910
Fada	A50, 166, 266, 266SD, 266SF, 255SG, 267, 267SD, 267SF, 266SG, 267SG, 267X	38-9909	Karadio	805, 806	38-9909
			Kent	4 prong	38-9909

FOR PRICES SEE NUMERICAL LISTING ON PAGE 36

Vibrators
Auto Radio

PHILCO REPLACEMENT VIBRATORS

FOR ALL MAKES OF AUTO RADIOS

Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.	Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.
Knight	A9780, 1, 2, 3, & 4, B10550-1, 2, & 3, B10735, B10782, B10784, B10786, B10790, B10791, E10751, E10752, E10882, E10887, E10890, E10891, H9726, H9766, H9897, U6	38-9909	Oriol	600	38-9910
Knight	B10728, B10730, B10732, B10742, B10744, B10780, E10719, E10720, E10721, E10727, E10825, E10826, E10828, E10829, E10830, E10831, E10832	38-9910	Pacific	H6, H6-37, H7, H7-37, 101B, 102B, 101C, M7-38, 6V	38-9909
Lafayette (Wholesale Radio)	B51, B90, C60, D37, D45, D46, EB17, EB17A, EB67, JA1, JA2, S9, S79	38-9909	Packard	PB, PHX, PT5, PT14	41-3186
Lafayette	6 prong sync.	38-9910	Packard	P1417, P1421, P1422, P1426, P1430, P1432, P1432H, P1439, P1517, P1530, P1535, P1617, J1630, P1635	41-3170
Laurehk	AE5, AE6, AE79, AM6, 66, A37	38-9909	Packard	P617, P1630	41-3398
Lincoln	LHX, LT14X3	41-3186	Packard Bell	65, 67, 76	38-9909
Lincoln	L1420, L1424, L1425, L1427, L1429, L1460, L1560, L1660	41-3170	Packard Bell	25 (2 types), 75, 78	38-9909
Lincoln	LT14X4	41-3186	Packard Radio Co.	6 tube auto	38-9909
Lionel	4 prong	38-9909	Parmak	76	38-9910
Lion Radio	.612	38-9910			
L'Attre	EN6-4, EN84, N0-65, 00-65	38-9910			
Marconi (Canada)	.69, 95, N103, 165	38-9909	Philco	5 802 CGDU MED SCD 6 805 CRD MT3 SJD 6F 806 CT2 MT14X4 SQD 7 808 CT5 NDD ST3 8 809 CT10 NJD ST7X 9 810PA CT11 NQD ST12 12 810PB DP NT7 ST15 B6F 810PV DPV NT12 T7 9F 811P EF NT12X2 T8 B9F 811PA FN NT15 T9 10 code 121 811PB FT6 NT15X T10 10 code 122 811PV FT9 PB T11 11 code 121 816B HRD PHX T12X 11 code 122 816C HT2 PT5 T14 700 816P HT11X PT14 T14X 800 code 121 816 LHX PT14X T15 800 code 122 CGD LT14X3 RT3 T15X LT14X4 RT14X	41-3186
Marconi (Canada)	.93, 94	38-9910			
Marconi (Canada)	.291, 294	38-9911			
Melburn	.45, 50	38-9909	Philco	817 927 G1418 N1418 P1535 817B 928K G1436 N1433 P1617 817C C1423 G1528 N1434 P1630 817P C1540 G1628 N1514 P1635 818 C1542 L1420 N1524 R1415 818K C1450 L1424 P1417 S1416 819 C1452 L1425 P1421 S1431 819H C1550 L1427 P1422 S1437 826 C1608 L1429 P1426 S1516 827 F1440 L1460 P1430 S1526 827K F1442 L1560 P1432 S1616 828 F1540 L1660 P1439 S1626 828K F1542 M1412 P1517 W1419 926 F1640 M1435 P1530	41-3170
Midwest	5-36, 6-37	38-9909			
Mission Bell	17, 18, 638, 738, 3716, 3716 "de Luxe," 3718, 3817, 3818, 638A, 738A, 3817A	38-9909	Philco	821P, 821PV	41-3315
Monarch	U6, YUG, 54, 64	38-9909	Philco	920, 921, 922, 926, 927, 928, 928K, 931, 933, 936, 937, 938K, C1606, C1608, F1640, G1628, P1617, P1630, S1616, S1622	41-3398
Motomaster	.611 (plug-in)	38-9909	Philco	C1708, F1740, AR1, AR2, AR3, AR5, AR6, AR7, AR8, AR9, 932, 933	83-0017
Montgomery Ward	.62-202, 62-236, 62-247, 62-263	38-9909	Philco	AR10, AR40, AR45, AR50, AR55, AR65, AR75	83-0025
Montgomery Ward	.62-264, 62-280, 62-280 Ser. "B", 62-282, 62-284, 62-292, 62-294, 62-345, 62-356, 62-363, 62-373, 62-374, 62-446, 62-463, 62-465, 62-466, 62-650, 62-651, 62-652, 93BR393A	38-9910	Pierce Airo	(De Wald) (United Scientific), A604, A605, 517, 527, 605, 606, 607, 617, 702	38-9909
Motorola	(Galvin)-34, 35, 45, 50, 60, 65, 70, 80, 90, 8-30, 8-40, 8-50, 8-60, 8-70, 8-80, "Companion," "Golden Voice"	38-9909	Pierce Arrow	MED, MT3, MT14X4	41-3186
Motorola	59H, 56T, 56Y, 37825	38-9910	Pierce Arrow	M1412, M1435	41-3170
Musicaire	808, 809T	38-9909	Pilot	605, H-64, H6204	38-9909
			Pilot	253 (3rd), 255 (3rd)	38-9910
Nash	NCD, NDD, NDD-122, NJD, NQD, NT7, NTS, NT12, NT12X, NT12X2, NT15, NT15X	41-3186	Pla-Pal	185	38-9910
Nash	N1418, N1433, N1434, N1514, N1524	41-3170	Pla-Right	500	38-9911
Nash	AC3789, AC4389	38-9909	Plymouth	Same as Chrysler	
Nash	AC4289	38-9910	Pontiac	983834, 985200 (Second Series)	38-9912
Northland Radio (Kartone)	.55A, 58A	38-9909	Pontiac	983526, 983527, 983534, 983569, 983570, 983616, 983617, 7232553	38-9913
			Pontiac	544245, 544246, 544267, 544268, 544289, 544290, 544291, 544297, 544298, 983506, 983507	41-2029
Oldsmobile	98526, 983527, 983044, 983844, 985200— (Second Series)	38-9912	Powertone	500	38-9911
Oldsmobile	982043, 982044, 982045, 982083, 982084, 982085, 982126, 982127, 982153	38-9913			
Oldsmobile	393884, 393885, 405045, 405046, 405047, 405057, 405062, 405063, 982006, 982007, 982008	41-2029			

FOR PRICES SEE NUMERICAL LISTING ON PAGE 36

PHILCO REPLACEMENT VIBRATORS

FOR ALL MAKES OF AUTO RADIOS

Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.
RCA Victor	H6, 8M, 8M1, M82, 63, 67M, 8QB, 8QBK, 9M1, 9M2, M50, M60, M70, M109	38-9909
Radalek	K16825	38-9909
Radiart	B Eliminator 4200, 54, 64	38-9909
Radiette	54, 64	38-9909
Radio Product	U6, 46, 54, 55, 6D, 7A	38-9909
Reliance	U6	38-9909
Remington	U6	38-9909
Reo	RT3, RT14X	41-3186
Setco	(Setchell-Carlson) 67, 77, 89	38-9909
Shelly	65, 67, 75	38-9909
Silver Marshall	6-volt 6-prong Household	38-9910
Silvertone	556, 666, 1869, 1869X, 1949, 1949A, 3400, 1428, 4405, 4406, 4407, 4428, 4448, 4450, 4548, 4550, 4614, 4651, 4700, 6073, 6074, 6104, 6173, 6301, 7157, 7167	38-9909
Silvertone	740, 4405A, 4418, 4419, 4421, 4428A, 4430, 4433, 4434, 4441, 4448A, 4451, 4453, 4459, 4519, 4521, 4528A, 4548A, 4559, 4640, 4650, 4740, 4750, 6005, 6070, 6071, 6072, 6076, 6077, 6170, 6171, 6172, 6176, 7128A	38-9910
Silvertone	4600, 4601, 6100, 6101	38-9913
Simplex	Q, 1935 (Non Sync.)	38-9909
Sky-Ranger	500	38-9911
Sobol	6C1, 6C2	38-9909
Sparton	649-6L, 649-6S, 676, 677, 678, 686, 699, D686, H686	38-9909
Spiegel	186, 1108, 1109, 1110, 1111, 2302, 2303, 4210, 4212, 5300, 6800, 6805, 6808, 6815, 6818	38-9909
Spiegel	5200, 5210, 5214, 5216	38-9910
Star-line	U6B	38-9909
Stewart-Warner	R117, R118, R131, R133, 1171, 1172, 1181, 4181, 4185 (R415, R418), (89868), (110800)	38-9910
Stewart Warner	1182, 1183, 1311 to 1319, 1332, 4061	38-9909
Studebaker	SCD, SJD, SQD, ST3, ST7X, ST12, ST15	41-3186
Studebaker	S1416, S1431, S1437, S1516, S1526, S1616, S1626	41-3170
Studebaker	S1616, S1622, S1626	41-3398
Studebaker	S1722, S1724, S1726	83-0017
Studebaker	S1722, S1724, S1726	83-0025
Studebaker	S1722, S1724, S1726	83-0026
Supertone Products Co., Inc.	U6, 54, 64	38-9909
Trav-Ler	54, 64, 542, 601, 610, 642, 660, 670, 710, 711	38-9909
Trav-Ler	179, 180, 560, 680, 6 Tube Auto, 6-8 Tube Batt. or AC	38-9909
Traveler	76, 173, 176, 525, 600, 650, 733	38-9910
Troy	68	38-9909

*Buffer capacity value must be changed to .015 mfd.

Make of Auto Radio	Radio Model Nos.	Use Philco Vibrator Part No.
Truetone	(Western Auto Sup.), D737, D737B, D737C, D744 (Wells Gardner) D743, D743W, D744, R131, S743, 666, 1311, 1312, D708, D734, D746*, D746A*, D746B*, D746C*, D747, D976, DE3000 Issue "A"*	38-9909
Truetone	612, D706, 5H Series	38-9910
Ultramar	856, 857	38-9909
Ultramar	345, 355	38-9910
United Motors Service	98252, 98253, 98254, 98255, 983526, 983527, 980244, 983834, 985200 (Second Series)	38-9912
United Motors Service	A55, A255, A355, A455, 626, 627, 628, 629, 634, 635, 393884, 393885, 405045, 405046, 405047, 405057, 405062, 405063, 544245, 544246, 544267, 544268, 544289, 544290, 544291, 544297, 544298, 601038, 601176, 601177, 601525, 601574, 601586, 601662, 601814, 982006, 982007, 982008, 983506, 983507, 1291344, 1291345	41-2029
Universal Battery Co.	(Clinton)-60, 70, 80, 801, 802, 803, 804, 805, 806, 807, 8232, 8332, 8432	38-9909
Universal Battery Company	50A6	38-9910
Walgreen	550	38-9909
Warwick	9-59, 550, 560, 611, 646, 660, 665, 746, 846	38-9909
Warwick	553, 562, 600, 651, 751, 761	38-9910
Wells Gardner	Z6U1, 6C1, 6L, 6N, 6P, 6R, 46C1, 46C1-41, 61	38-9909
Wells Gardner	5H, 5K1, 65H	38-9910
Wells Gardner	Z6R1, 26R1, 46L1	38-9909
Wells Gardner	B2A, S1, S2, 106S2-714, 106S2-768	38-9910
Westinghouse	WR25, WR26, WR260, WR502, WR503	38-9909
Westinghouse	WR500, WR501	38-9911
Willys-Overland	W1419	41-3170
Wilson	1936 Models (4 prong)	38-9909
Zenith	5J217, 5J247, 5J255, 5M90, 5M191, 6J230, 6J257, 6J322, 6J357, 6M90, 6M90D, 6M90S, 6M91D, 6M91S, 6892, 6M192, 6M193, 6M194, 7J232, 7J259, 7J323, 7J368, 7M91D, 7M91S, 8M195, 6MF490, 6MN495, 663, Chassis Numbers—5510, 5520, 5524, 5610, 5615, 5631, 5632, 5637, 5637, 5642, 5654, 5711, 5715, 5803	38-9909
Zenith	4B106, 4B131, 4B132, 4B231, 4B313, 4B314, 4B317, 4B355, 4V31, 4V59, 6B107, 6B129, 6B164, 6B231, 6V27, 6V59, 6V62, 6VA27, 6VA62, 6MN496, Chassis Numbers—5404, 5405, 5406, 5409, 5410, 5411, 5621, 5629, 5635, 5653	38-9910
Zenith	5M90, 5M291, 5M294, 6M292, 6M293, 6M294, 6M295, 6M390, 663, 664, 666, 668, 680, Chassis Numbers, 5510, 5527, 5530, 5616, 5645, 5805	38-9911
Zephyr Radio Co.	(Also see Lincoln-Zephyr)—3M5, 3M7, 3M8	38-9909

FOR PRICES SEE NUMERICAL LISTING ON PAGE 36

PHILCO VOLUME CONTROLS

A Minimum Number of Controls to Service a Maximum Number of Radios



NEW UNIVERSAL VOLUME CONTROLS

Only
89c
List



**WITH SWITCH—
AND THE SAME CONTROL,
BY TURNING A SCREW,
CAN BE USED
WITHOUT SWITCH!**

No further need to stock duplicate controls with and without switches. No assembly operation or special tools required. One volume control now serves both purposes. If the switch is to operate in set simply remove stop screw indicated by arrow.

QUIET — No wiping contacts — rotor is connected to terminal through spiral lead, welded at both ends.

LONG LIFE—Resistance element is formed on high grade, moisture and heat-resisting material. Double contact finger minimizes wear.

EASY TO INSTALL—3" aluminum shaft easily cut to proper length. 2½" x .218" flat (used in most sets) can be quickly filed to .156" flat.

ONLY NINE CONTROLS TO STOCK!

Part No.	Resistance—Ohms	Tap—Ohms	Type Curve	List Price
33-5419	5,000	.....	Linear	\$0.89
33-5420	10,000	.....	Semi-Log	.89
33-5421	25,000	.....	Linear	.89
33-5422	50,000	.....	Semi-Log	.89
33-5423	100,000	.....	Semi-Log	.89
33-5424	250,000	125,000	Logarithmic	.89
33-5425	500,000	250,000	Logarithmic	.89
33-5426	1,000,000	500,000	Logarithmic	.89
33-5427	2,000,000	1,000,000	Logarithmic	.89

12 PHILCO VOLUME CONTROLS

FOR 115 MOST POPULAR PHILCO MODELS

This assortment gives you the **RIGHT** control for the majority of Philco Radios—which as you know represent **ONE-HALF** of the sets you service! Eliminate frequent trips for separate controls, or any waiting for replacements by having this assortment in stock.

Kit of 12 Philco Volume Controls with handy reference listing of models, as illustrated.

LIST PRICE **\$15.60**



CONTENTS OF PHILCO VOLUME CONTROL PACKAGE.

Part No.	Used in Philco Models	List Price	Part No.	Used in Philco Models	List Price
33-5006	60, 66, 264, 265, 261, 505.....	\$1.45	38-116	Code 125, 38-620, 38-623, 38-624	\$1.00
33-5024	14 Code 122, 14 Code 126, 18 Code 121, 118, 507	1.45	33-5276	39-17, 39-18, 39-19	1.00
33-5055	84, 37-84	1.45	33-5286	39-36, 39-40, 39-45, 39-108, 40-195, 40-200	1.00
33-5105	620, 625, 630, 635, 2620, 630PF	1.45	33-5306	40-101, 40-115, 40-120, 40-120, 40-124, 40-125, 40-502, 40-502 Code 122, 40-715, TH4, TH14, TH15, TH16, TH17, TH18, TP4, TP5, TP11, TP12, TP20, TP21, TP10, PT25, PT28, PT29, PT33, PT36, PT37, PT38, PT39, PT41, PT43, PT45, PT46, PT49, PT50, PT53, PT 61, PT65, PT66, PT69....	1.00
33-5106	610, 610PF	1.45	33-5314	40-150, 40-155, 40-180, 40-185, 40-190, 40-508, 40-509.....	1.45
33-5153	16 Code 125, 16 Code 126, 16 Code 127, 116B Code 121	1.45			
33-5155	116X Code 125, 116 Code 121, 116PF, 500, 501, 660, 665.....	1.45			
33-5166	643, 37-9, 37-10, 37-11, 37-116, 37-116 Code 121, 37-280, 37-610, 37-611, 37-620 Code 125, 37-623, 37-624, 37-630, 37-630 Code 125, 37-640, 37-641, 37-650, 37-660, 37-665, 37-670, 37-675, 38-3,				

Always use genuine Philco Volume Controls in Philco radios. They cost no more than so-called "exact duplicates" . . . you don't have to cut shafts, build switches, etc., and then worry about their performance and life.

SEE PAGES 41 TO 47 FOR COMPLETE LISTING OF PHILCO VOLUME CONTROLS FOR ALL PHILCO MODELS.

Replacement Parts—PHILCO HOME AUTO Radios

HOME RADIO MODELS—1939-1941

MODEL	CODE	SPEAKER PART No.	CONE PART No.	FIELD COIL	OUTPUT TRANS.	VOLUME CONT.	TONE CONT.	# FILTER COND.	POWER TRANS.	DIAL	MODEL	CODE	SPEAKER PART No.	CONE PART No.	FIELD COIL	OUTPUT TRANS.	VOLUME CONT.	TONE CONT.	# FILTER COND.	POWER TRANS.	DIAL
TH-22	121	36-1469-1	36-4115	Replace Speaker	32-3047	33-5306	30-2402	27-5515	TP-21	121	36-1469-1	36-4115	Replace Speaker	32-3047	33-5306	30-2382	27-4851
		36-1469-2	36-4132		32-3044								36-4132	32-3044							
		36-1469-3	36-4113		32-3044								36-4113	32-3044							
TP-20	121	36-1469-1	36-4115	Replace Speaker	32-3047	33-5306	30-2382	27-4850			36-1469-1	36-4115	Replace Speaker	32-3047	33-5306	30-2382	27-4851
		36-1469-2	36-4132		32-3044								36-4132	32-3044							
		36-1469-3	36-4113		32-3044								36-4113	32-3044							

Replacement Parts — PHILCO Auto Radios

REPLACEMENT PARTS FOR ALL PHILCO STANDARD AUTO RADIOS

MODEL	VOL. CON. & SWITCH ASSEMBLY	TONE CONTROL	OUTPUT TRANS.	# FILTER COND.	SPEAKER CONE	DIAL	MODEL	VOL. CON. & SWITCH ASSEMBLY	TONE CONTROL	OUTPUT TRANS.	# FILTER COND.	SPEAKER CONE	DIAL						
3	*4463 ① 4705	2706	02996	4461	932	67-0020	65-0221	61-0068	Cone 91-0068 For Speaker 73-0024-3	77-0358						
5	33-5009	.....	32-7005	30-2008	02861	27-5006												
6	7525	.....	2598	04354	36-3159	8255												
7	6109	05366	2598	04354	36-3159	6043													
8	7322	05366	2565	04959	36-3159	8255													
9	7525	05366	32-7039	.....	36-3159	8255												
10	Dir. Drive 38-5280 Airplane 38-5851	30-4056	32-7102	30-2015	36-3159	Dir. Dr. 27-5022 Airplane 42-5173						933		67-0019	42-1406	65-0162	61-0028	Cone 91-0068 Speaker 73-0024-3	77-0323
10-122	38-5851	30-4056	32-7102	30-2015	36-3159	42-5173													
11	Dir. Drive 38-5606 Airplane 38-5534	.....	32-7214	30-2072	02861	Dir. Dr. 27-5038 Airplane 42-5175												
12	7525	05366	2565	04959	36-3159	8255	936	33-5268	412-1004	65-0048	61-0028	91-0028	55-0304						
700	38-5534	30-4180	32-7214	30-2072	36-3157	42-5199	937	33-5268	77-0179	65-0048	61-0028	91-0028	55-0304						
800	Dir. Drive 38-5606 Airplane 38-5534	30-4142	32-7205	30-2015	36-3159	Dir. Dr. 27-5022 Airplane 42-5173	938-K	33-5268	77-0204	65-0093	61-0028	45-2653	55-0304						
800-122	38-5851	30-4220	32-7205	30-2015	36-3159	42-5191	AR-1	67-0020	65-0258	61-0089	Cone 91-0078 For Speaker 73-0027-1	77-0526						
802	38-5851	30-4208	32-7205	30-2015	36-3159	42-5255					Cone 91-0077 For Speaker 73-0027-2								
805	*38-6635 ① 42-5336	30-7019	30-2115	36-3406	27-7835	AR-4	67-0032-1	85-0111	65-0317	61-0089	Cone 91-0086 For Speaker 73-0045-2		55-0950					
806	*38-6605 ① 42-5336	33-5101	32-7019	30-2109	36-3406	27-7835													
808	*38-6636 ① 42-5336	33-5096	32-7355	30-2112	36-3159	27-7835													
809	*38-6605 ① 42-5336	33-5096	2598	30-2100	36-3159	27-7835													
816	*33-5148 ① 42-1180	.....	32-7495	38-7684	36-3526	42-5539												
817	*33-5148 ① 42-1180	② 42-1160	32-7495	30-2150	36-3586	42-5539	AR-5	67-0032-1	85-0111	65-0317	61-0089	Cone 91-0086 For Speaker 73-0045-2	55-0937						
818	*33-5139 ① 42-1160	33-5150	③ 32-7507 ④ 32-7495	30-2150	③ 36-3526 ④ 36-3586	45-5539													
818-K	*33-5139 ① 42-1160	33-5150	32-7562	30-2150	36-3159	42-5539													
819	*33-5149 ① 42-1180	33-5150	32-7551	30-2152	36-3159	42-5539													
819-H	*33-5149 ① 42-1180	33-5150	32-7507	30-2152	36-3526	42-5539													
826	*33-5148 ① 42-1318	32-7495	30-2150	36-3526	42-5714	AR-6	33-5268	65-0048	61-0089	91-0028	55-0304						
827	*33-5148 ① 42-1318	② 42-1225	32-7815	30-2150	36-3586	42-5714	AR-7	33-5268	85-0102	65-0048	61-0089	91-0028	55-0304						
827-K	*33-5148 ① 42-1318	② 42-1225	32-7816	30-2150	36-3159	42-5714	AR-8	33-5268	77-0539	65-0093	61-0089	45-2653	55-0304						
828	*33-5148 ① 42-1318	② 42-1225	32-7818	30-2150	36-3586	42-5714	AR-9	67-0032-2	85-0111	65-0317	61-0089	Cone 91-0086 For Speaker 73-0045-2	55-0993						
828-K	*33-5148 ① 42-1318	② 42-1225	32-7829	30-2213	36-3159	42-5714													
920	33-5269	.....	32-7961	30-2311	45-1344	42-5844												
921	33-5278	.....	32-8000	30-2329	45-2707	55-0059												
922	33-5278	.....	32-8000	30-2329	45-2707	55-0020												
926	33-5268	42-5850	32-7956	30-2315	45-2608	27-5399	931	67-0020	65-0221	61-0068	91-0076 For Speaker 73-0027-1	77-0346						
927	33-5268	42-5850	32-7967	30-2316	45-2653	27-5399													
928-K	33-5268	42-5850	32-7968	30-2316	45-2664	27-5399													

Prices of all parts shown in these pages are listed on Page 49.

* For sequence of Electrolytic Condensers see Page 47.

- * Volume Control Only.
- ① On-OH Switch Only.
- ② Tone Control Switch Only.
- ③ Overhead Speaker Only
- ④ Dash Speaker Only.

‡ The part numbers of the electrolytic condensers are listed according to their location in the circuit of the receiver. The first part number under each model is the electrolytic condenser located on the rectifier side of the choke; the second part number is the electrolytic condenser after the choke or low voltage side; and if a third condenser is used, this will be the next filter condenser in the "B" supply circuit. If a fourth or fifth condenser is indicated, these will be the "C" bias by-pass condensers.

GET THE *FULL* BENEFIT OF

YOUR RMS MEMBERSHIP

See that the
700 customers sent to
you by Philco come
to you for service!



*** * SEE PAGES 20 AND 21 * ***
