

INSTRUCTIONS FOR

# PHILCO 38-62

A MUSICAL INSTRUMENT OF QUALITY



STANDARD BROADCAST RECEIVER

## WARRANTY

*"We warrant each new Philco Radio Receiver and Speaker to be free from defects in material and workmanship under normal use and service, our obligation under this warranty being limited to making good at our depot any parts or parts thereof which shall, within ninety (90) days after delivery of such Receiver to the original retail purchaser, be returned to our depot with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been thus defective; this warranty being expressly in lieu of all other warranties expressed or implied, and of all other obligations or liabilities on our part, and we neither assume nor authorize any representative or other person to assume for us any other liability in connection with the sale of Receivers or Speakers.*

*This warranty shall not apply to any Receiver or Speaker which shall have been repaired or altered other than by us in any way so as, in our judgment, to affect its stability or reliability, nor which has been subject to misuse, negligence or accident, nor which has had the serial number altered, effaced or removed. Neither shall this warranty apply to any Receiver or Speaker which has been connected otherwise than in accordance with the instructions furnished by us."*

# INSTRUCTIONS

## FOR

# PHILCO 38-62

## STANDARD BROADCAST RECEIVER

### DESCRIPTION

Philco Model 38-62 is a superheterodyne radio receiver designed for use on alternating current (A. C.), and capable of receiving standard American broadcasts, and U. S. Police Stations.

To get the full performance that is built into this receiver, please read and follow these instructions as carefully as possible.

### INSTALLATION

#### Aerial and Ground

Two terminals are provided (at the rear of the chassis) for connecting the aerial and ground. The one nearest the corner of the set, marked "ANT.", is for the aerial.

For best results use an outside aerial consisting of a single copper wire from 50 to 100 feet long including the lead-in. (The Philco "Radio Aerial", Part No. 45-2431, is recommended.)

The aerial wire should be as high above the ground as possible and must be supported by insulators at both ends. The lead-in or lower portion should be brought into the house through a porcelain tube or by means of a "window-strip" connector.

If an outside aerial cannot be installed, local stations may be received by using an inside aerial consisting of a length of insulated wire, as high and in as straight a line as possible.

Make the ground connection by running a wire from the ground terminal (back of chassis) to the nearest water or radiator pipe, using a suitable "ground clamp" on the pipe.

#### Other Preliminaries

Locate the radio at a suitable place in the room, with due consideration to convenience of operation, appearance, tone, and handy connection to the aerial and an electric supply outlet. For best tone, the back of the set should be a short distance from the wall.

Remove all cardboard packing material, packing tags, etc., from the chassis.

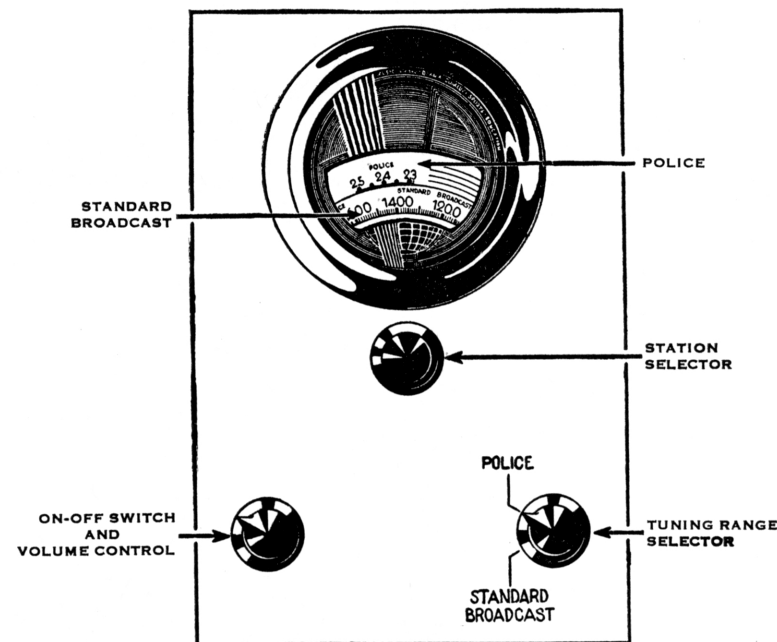
Place the knobs (furnished in the envelope with these instructions) on the control shafts. The flat portion of the knob-hole must be next to the flat portion of the shaft. Push knobs on to within about  $\frac{1}{16}$  inch of the face of the panel. The knob with no pointer is the Station Selector.

Insert the electric plug into the nearest electric supply outlet. Be sure your power supply is of the correct voltage and frequency (cycles), as specified on the receiver name label inside of the cabinet.

## INSTRUCTIONS FOR PHILCO 38-62

### OPERATING

Observe the illustration carefully before operating. Turn the "On-Off Switch and Volume Control" one step or notch to the right (clockwise). This turns on the current and illuminates the dial. In a few moments the tubes will be sufficiently heated and the set ready to operate. Then turn the knob clockwise about half its range.



#### Standard Broadcasts

Set the Tuning Range Selector at the left position (counter-clockwise). Now tune in a suitable station or desired program by turning the Station Selector. The figures on the standard broadcast scale are "kilocycles" (KC), as given in most station lists. For example: WJZ is tuned in at 760; WCAU at 1170. After selecting the station, tune it accurately, then adjust the volume control to suit your taste. DO NOT reduce volume by turning "Station Selector" away from the Station as this will impair the tone. Always use the Volume Control knob to reduce or increase volume.

Some police stations may be received on this range, with the dial above 1600.

#### Police Stations

Turn the Tuning Range selector to the right-hand position (clockwise). The majority of U. S. Police Stations are received on this range, at the section marked on the scale (2.3 to 2.5). These figures represent megacycles (a megacycle is 1000 kilocycles). Turn the station selector slowly when tuning in these stations.

### SERVICE

For the convenience of all radio owners, Philco has developed a plan for prompt, efficient radio service in every locality. This plan is known as "Radio Manufacturers Service." There is a member in your neighborhood—his shop or store can be identified by the emblem shown here. To make sure of guaranteed work, genuine Philco tubes and parts, and standard prices—call a member of Radio Manufacturers Service.



Look for this Emblem in your Neighborhood