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## INSTRUCTIONS FOR PHILCO 40-155

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station will be received instantly. The volume and tone of the program may be controlled with the "Volume" and "Tone" controls.

If when the "Tuning Range Selector" is in the "Broadcast" position, a station is desired whose call letters do not appear above any of the push buttons simply press the button marked "DIAL," then tune to the desired station by turning the "Station Selector" knob.

This set has been designed to receive the sound of a television program tuned in by the special type Philco Television set designed for this purpose. If at any time it is desired to use this "Television" sound, your Philco Dealer will make the necessary adjustments and put in a "Television" tab on the No. 1 or left-hand push button. This button may also be used for the playing of phonograph records from a Philco Wireless Record Player.

If at any time it is desired to substitute any station received well in your locality for a station appearing on the call letter panel, consult your Philco Dealer and have him make the necessary adjustments.

### CABINET POLISH

Especially developed for use on radio cabinets, pianos, or any fine woodwork. Cleans, polishes and protects. Requires no hard rubbing; leaves a beautiful glossy, non-sticky surface—very economical.

### 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

### 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 part 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 INSTALLING AND OPERATING

# PHILCO 40-155

*A MUSICAL INSTRUMENT OF QUALITY*



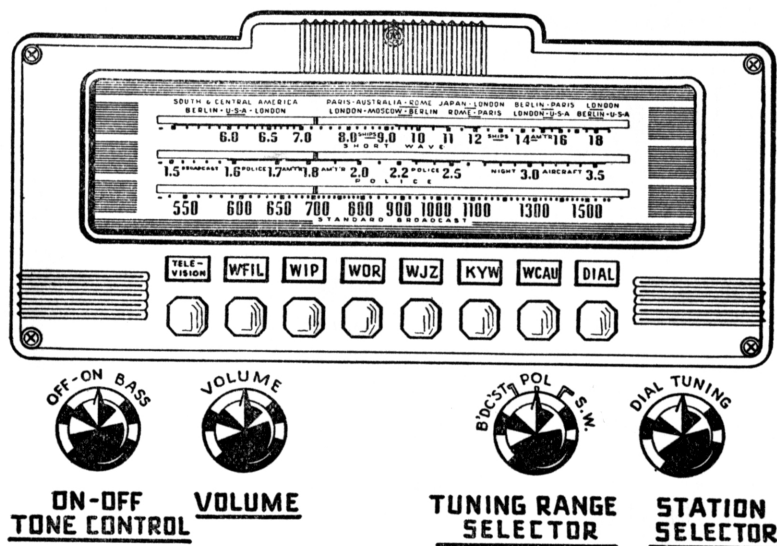
FOR AMERICAN AND FOREIGN BROADCAST RECEPTION

WITH ELECTRIC PUSH-BUTTON TUNING

Philco Model 40-155 is an eight-tube superheterodyne radio. It will receive standard American broadcasts, and American and Foreign short-wave stations from 6.0 to 18.0 megacycles (Mc.). Amateur, Ship and Aircraft Stations, and U. S. Police Stations are included in the tuning ranges of this model.

The scale is calibrated in kilocycles for the standard broadcast range and in megacycles for the short-wave ranges. Standard broadcast stations are listed in kilocycles, and short-wave stations in megacycles in most station lists.

The power rating of this radio is marked on the name label on the cabinet. Make sure that this rating corresponds with the power furnished your home. If in doubt, check with your local power company.



### INSTALLATION

After unpacking the radio make sure all the tubes are in their correct sockets, and pressed firmly down. A label inside the cabinet will show the relative location of the tubes. In order to reach the tubes and the packing strips it will be necessary to remove the eight (8) screws that hold the back to the cabinet. The back should then be "dropped back" from the top as if it were hinged at the bottom. Remove all cardboard packing material, packing tags, etc., from the chassis and cabinet.

No aerial or ground is necessary for the operation of this radio set. For maximum performance in shielded locations such as apartment houses or in those locations where extreme sensitivity is required, a terminal panel is provided on the back for connecting a Philco Safety Aerial (obtainable from your Philco dealer).

Do not locate the set adjacent to large metal objects such as radiators. Reception efficiency will be decreased if this point is not observed.

### OPERATION

To turn the power on rotate the "On-Off Switch and Tone Control" to the right (clockwise).

The "Tone Control" is continuously variable. Rotate the control toward "Bass" to get the desired tone. When tuning short-wave or distant stations, where a reduction of background noise is desired, rotate the control toward "Bass."

Standard broadcast frequencies are on the lower scale of the dial. To tune in a station, turn the "Volume Control" to about half its total range, and select the station by rotating the "Station Selector." First, making certain that the push button marked "DIAL" is pushed in.

For best tone, tune the desired station with the volume turned low. This enables you to get the exact point where the station comes in best. Then adjust the volume to the desired level with the "Volume Control."

Turning the cabinet in different positions on the table will cause a change in the volume of reception from weak stations. This same directional property will also cause a reduction in noise interference in a majority of cases. If maximum performance is required, rotate the cabinet until best reception is obtained. It is suggested that the cabinet be placed on the table for maximum reception on the weakest station; reception on the other stations will then generally be satisfactory.

Police calls are received from 1.61 to 1.71 and 2.3 to 2.5 on the middle scale. Amateur and aircraft stations are tuned in at the several points so marked on the dial.

Short-wave frequencies are on the upper scale of the dial. Proceed the same as tuning on the broadcast band. Tune very slowly on the short-wave band as it is possible to pass a station without noticing it.

Short-wave stations are received on certain sections of the dial according to the general time schedule below:

- Morning—17.7-18.0; 15.0-15.5; 11.7-12.0
- Afternoon—11.7-12.0; 9.5-10.8
- Night—9.5-10.8; 5.7-6.8

#### *Tuning Range Selector*

There are three positions of the "Tuning Range Selector." The positions "Broadcast," "Police," and "Short-wave" are indicated on the cabinet. Set the control with its pointer indicating the desired position.

#### *Electric Push-Button Tuning*

When your set is installed your Philco Dealer will adjust the radio to your favorite broadcast stations, and will insert their call letters above the station buttons.

To tune the set with the push-button, turn the "Tuning Range Selector" to "Broadcast" and push the button that is under the call letters of the desired station. Your