

INSTRUCTIONS FOR
INSTALLING AND OPERATING

PHILCO 42-124

A MUSICAL INSTRUMENT OF QUALITY



BATTERY OPERATED RADIO FOR STANDARD BROADCAST
AND AMERICAN AND FOREIGN SHORT-WAVE RECEPTION

Philco Model 42-124 is a five-tube battery-operated superheterodyne radio which operates from a plug-in type "AB" battery pack. It will receive standard broadcasts, and both American and Foreign Short-Wave broadcasts between the frequencies of 6.0 and 15 megacycles.

The dial is calibrated in kilocycles for the standard broadcast range and in megacycles for the Short-Wave range. Standard broadcast stations are listed in kilocycles, and Short-Wave stations are listed in megacycles in most station lists.

The Philco High Efficiency Tubes used in this model are: 1-XXB, 1st Detector and Oscillator; 2-1LN5, I. F. Amplifiers; 1-1LH4, 2nd Detector, Automatic Volume Control and Audio Amplifier; 1-1LB4, Power Output Pentode.

INSTALLATION

After the radio is unpacked, make sure all the tubes are in their correct sockets, pressed down firmly into place. A label inside the cabinet will show the relative location of the tubes.

Neither outside aerial nor ground is necessary with this model. The new Philco Built-in Broadcast and Short-Wave Antenna System is employed because of its directional characteristics.

Unusual circumstances may necessitate the use of an external antenna for maximum performance in which case the "Philco Farm Radio Aerial" is recommended. This aerial, Part No. 40-6383, can be obtained from your Philco dealer. **When using the outdoor aerial it is necessary to connect a good ground to the chassis. A good ground may be a water pipe, radiator pipe, or a four foot length of metal pipe driven into moist earth.** A label on the chassis will show how to connect the aerial.

The Model 42-124 requires one Philco Plug-in "AB" Battery Pack, number P60D11L. **To insure correct plug-in voltages, balanced "AB" power and low per hour cost of operation, this number battery should be used and may be obtained from your Philco dealer.**

Slide battery in the space provided under chassis so that plug is in upper right-hand corner when radio is viewed from rear. Press forward gently until it strikes battery retaining blocks.

OPERATION

All controls are marked on the cabinet. The purpose of each is explained below.

"Off-On-Volume" Control

Turn the "Off-On-Volume" control clockwise until a click is heard and the "Off-On" flag on the dial shows red. This turns the set on, and further rotation will adjust the volume. In order to conserve your battery be sure to turn the set off when not in use. The bright red flag on the dial gives you a prominent "On" indication.

"Bdcast-SW" Control

For "Dial" tuning on the broadcast band turn this control to "BDCST" and on the Short-Wave band to position marked "SW".

"Bass" Control

Adjustment of this control varies the relative bass response and reduces objectionable noise on very weak stations.

"Dial Tuning" Control

This control is for dial tuning on both the Broadcast and Short-Wave bands. For the best tone, tune the desired station with low volume. 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.

Short-Wave stations are received mainly on certain definite sections of the dial. A number of foreign stations are named on the dial and their approximate tuning positions indicated by a short line. The Short-Wave calibrations are in megacycles. A megacycle is 1,000 kilocycles. Lists of Short-Wave stations with their assigned frequencies in megacycles are available in various radio magazines, periodicals, and daily papers.

BATTERY LIFE

The life of the battery will depend upon how often and how long the radio is used. With the average use of several hours per day a reasonable life should be obtained. If reception becomes weak after several months, have the voltage of the battery checked.

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".



A PHILCO SERVICE PLAN
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.

