

PHILCO
AUTO
RADIO

MODEL UN6-400

OPERATING INSTRUCTIONS

Famous for Quality the World Over

OPERATION



ON-OFF SWITCH,
VOLUME AND
TONE CONTROL

TUNING
CONTROL

ON-OFF SWITCH, VOLUME AND TONE CONTROL

This control operates the on-off switch, and adjusts the volume and tone. Turn the knob to the right until a click is heard and the tuning scale is illuminated. Allow a short time for the tubes to heat. To increase volume, continue to turn the knob toward the right. To operate the tone control, push the knob in and release it. There are three tone positions: "bright," "mello," and "deep." The "bright" position is generally recommended for voice, while the "mello" and "deep" positions add richness to musical programs. When static, or electrical noise, interferes with reception, either the "mello" or "deep" position is usually the most satisfactory. A slight amount of experimentation will further demonstrate the best use of this tone control.

TUNING CONTROL

This control tunes in the various stations on the broadcast tuning range. With the volume control well advanced, select the desired station by rotating the tuning-control knob.

IMPORTANT

When tuning a radio with the volume control turned too high, it is difficult to locate the point where the station is exactly tuned in. If the station is not tuned in properly, one or more of the following conditions may be noticed:

1. Distortion (poor tone quality).
2. Interference from other stations operating on an adjacent frequency or wavelength.
3. An increase in noise (static) either atmospheric or from some local electrical device, producing noise.

The above is a preliminary tuning; for best reception, reduce the volume by turning the volume-control knob to the left until the station can just be heard. Now carefully retune the desired station with the tuning-control knob. The exact point where the station is best received can thus be determined easily. Adjust the volume to the desired level with the volume-control knob. Do not reduce the volume by changing the tuning-control setting.

INSTRUCTIONS FOR PHILCO AUTO RADIO MODEL UN6-400

Description

This Philco auto radio is a single-unit, six-tube superheterodyne, designed for easy installation and operation in practically all cars. Complete power for this radio is obtained from the car's battery system. The receiver has a tuning range in the broadcast band from 550 to 1580 kilocycles (kc.) and is equipped with a new type control for easy reading and quick tuning. The tuning scale is calibrated in kilocycles. For convenience in reading the tuning scale, all zeros have been omitted. For example: 1100 kilocycles will read on the tuning scale as "11." The control may be located at a convenient point on the edge of the instrument panel, or in the space provided for radio controls in most cars.

Installation

The installation of this radio in your car may be made by your Philco dealer. In the event that the dealer does not do installation work, he will recommend the nearest Philco Auto Radio Service Station, which is equipped to make the installation according to factory specifications.

Special Information

Day-time reception. The quality of reception during the daylight hours depends upon the distance from the station, the power of the station and the natural geographical conditions. In areas remote from stations, be sure the aerial is fully extended.

Night-time reception is generally much better than day-time reception, especially in areas fairly distant from powerful stations. However, in some areas, night-time reception may be quite erratic, and often the stations will fade or interfere with each other. Sometimes distortion will accompany the fading.

Distant reception, for satisfactory results, should not be attempted during windy or stormy weather because of natural static conditions. Likewise, electrical interference from street-car lines or high-tension lines greatly affects reception. Under these conditions, the selection of a strong nearby station will give the best results.

Fading may be caused by conditions other than those mentioned in connection with night-time reception. Travel through tunnels, under steel bridges, or where tall buildings or mountains are between the station and the radio, may cause the signal to fade down or fade out completely.

The above conditions are some of the peculiarities of reception and do not indicate a defect in the radio.

YOUR GUARANTY FROM PHILCO

Your new Philco is a high quality instrument. It has been built with care and skill and is delivered to you with a promise of years of pleasure and satisfaction.

To fulfill that promise, first of all, your Philco is guaranteed under the terms of the Standard Warranty below. But beyond this, Philco maintains an extensive factory-trained service organization of its distributors, dealers and servicemen, which is constantly available to you as a Philco owner. It is an added value which comes to you with every Philco product.

In accordance with this policy, it is your Philco dealer's desire and responsibility to render any service required under and during the period of the warranty. After the expiration of the warranty, he will be equally helpful in securing necessary repairs and adjustments for you, either in his own shop at reasonable cost or by referring you to a nearby member of "Philco Service," a world-wide association of appliance servicemen.

PHILCO SERVICE members are thoroughly trained by Philco factory engineers and service technicians. They offer expert, reliable service at standard, reasonable labor charges; they guarantee their work, and they use genuine Philco replacement parts and tubes. Members can be identified by the "Philco Service" emblem.

Thus, the entire engineering and service resources of Philco seek to insure your long-continued satisfaction.



STANDARD 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."

PHILCO RADIO AND TELEVISION CORPORATION

PHILADELPHIA