



*How To Tune
and Enjoy Your*
PHILCO
TELEVISION
RECEIVER



TELEVISION

RADIO

RADIO PHONOGRAPHS

REFRIGERATORS

FREEZERS

AIR CONDITIONERS

ELECTRIC RANGES

RADIO TUBES

DRY BATTERIES

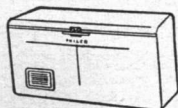
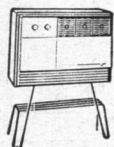
ACCESSORIES

AUTO RADIOS

ELECTRONIC EQUIPMENT

EXPORT PRODUCTS

TRANSISTORS



Famous for Quality the World Over

IMPORTANT: Be sure to detach your Picture Tube Registry Card, fill in the information requested, and mail to Philco. This card will be found in the center of this book.

YOUR NEW PHILCO Television Receiver has been built in the largest and best equipped television factories in the world. It was produced by a huge force of highly skilled technicians to the highest quality specifications.

The many features incorporated in your receiver are the result of long years of research and design improvements by Philco electronics engineers. These achievements have made Philco receivers the world's finest in performance.

Philco is proud to have built this receiver, and you will be proud to own it and enjoy its many advanced features.

UHF

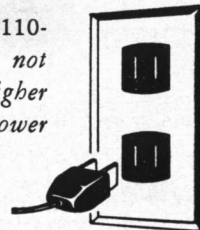
Your receiver may be built with provisions for quick installation of a UHF tuner. These sets will be identified by a "U" following the model number, found on the back of the receiver. Also a UHF position for the Channel Selector knob and the UHF Dial Window will be present. If your receiver is so provided and a UHF tuner is required, a Philco UHF tuner may be obtained from your Philco Dealer for out-of-sight installation inside your receiver. After the UHF tuner is installed, the instructions in this booklet for tuning a UHF station will apply.

RECEPTION OF COLOR PROGRAMS

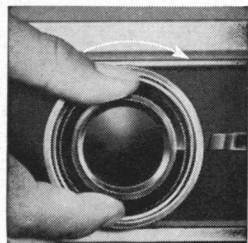
Of course, your new Philco will receive in black and white, all color programs on the air.

ELECTRICAL CONNECTIONS

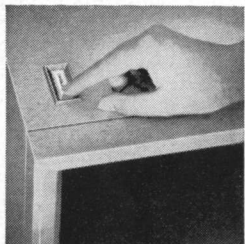
This instrument is designed to operate from a 110- to 120-volt, 60 cycle, a-c standard wall outlet. *Do not attempt to operate the instrument from a lower or higher a-c power source or from a direct-current (d-c) power source.*



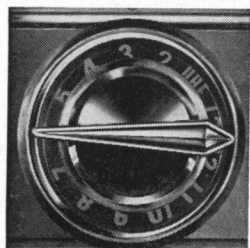
How to Operate Your New Philco



Turn the OFF-VOLUME control to the right about halfway through its range. (The on-off switch and volume control are operated by the same knob except on top touch tuning models.)

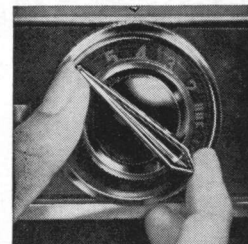


On "Top Touch Tuning" Models the on-off button is located on left front top of cabinet. To turn set on press and release this button. The channel selector will be illuminated indicating the set is turned on. Allow one minute for tubes to become heated.

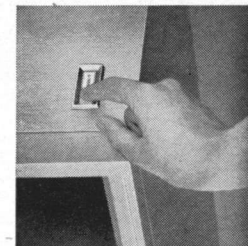


Your receiver is designed to receive all 12 of the VHF television station channels. The VHF channel to which the receiver is set is indicated by the number which appears at the top of the CHANNEL SELECTOR knob. When your receiver is viewed from a distance, the channel can be determined by the position of the pointer on the bar on the CHANNEL SELECTOR knob. This bar will indicate positions corresponding to the numbers on the face of a clock. For example, the illustration shows the knob set for channel 3; note that the bar points toward 3 o'clock. The CHANNEL SELECTOR on your Philco may be turned in either direction.

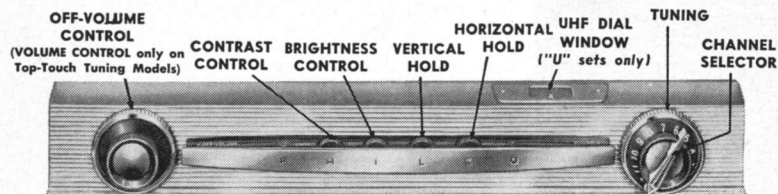
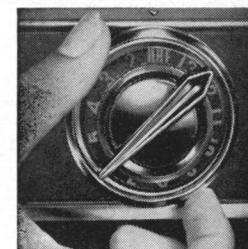
If you are tuning to a channel from 2 to 13 (VHF), turn the CHANNEL SELECTOR (inner knob) to the right or left until the channel number of the desired station is indicated.



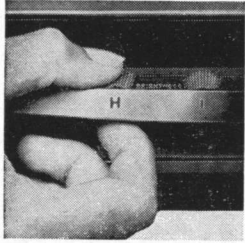
On "Top Touch Tuning" Models the receiver contains a mechanism which automatically selects the VHF channels in your area by merely pressing the "tuning" button (located at right front top of cabinet). Each time the button is pressed and released the channel selector knob rotates to the next channel in your area or to the UHF position if these channels are used.



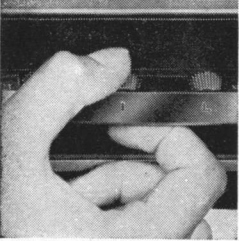
If your receiver is equipped for UHF, you may also tune any channel from 14 to 83 (UHF). Set the CHANNEL SELECTOR (inner knob) to UHF. The UHF DIAL window (located above, and to the left of the control), will be illuminated. Turn the TUNING control (outer knob) until the desired channel number appears in the UHF DIAL window. A dual-speed tuning action is incorporated in this control to permit a precise adjustment to the desired channel.



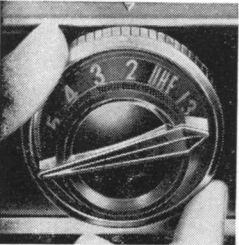
LOCATION OF TUNING CONTROLS



Set the CONTRAST control to the center of its range.



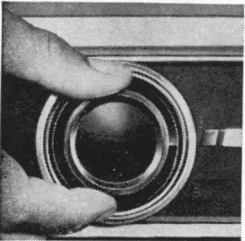
Turn the BRIGHTNESS control to the right until the picture tube is moderately illuminated.



THIS IS AN IMPORTANT CONTROL OF YOUR TELEVISION SET. READ THIS AND PAGES 7, 8 AND 9 CAREFULLY.

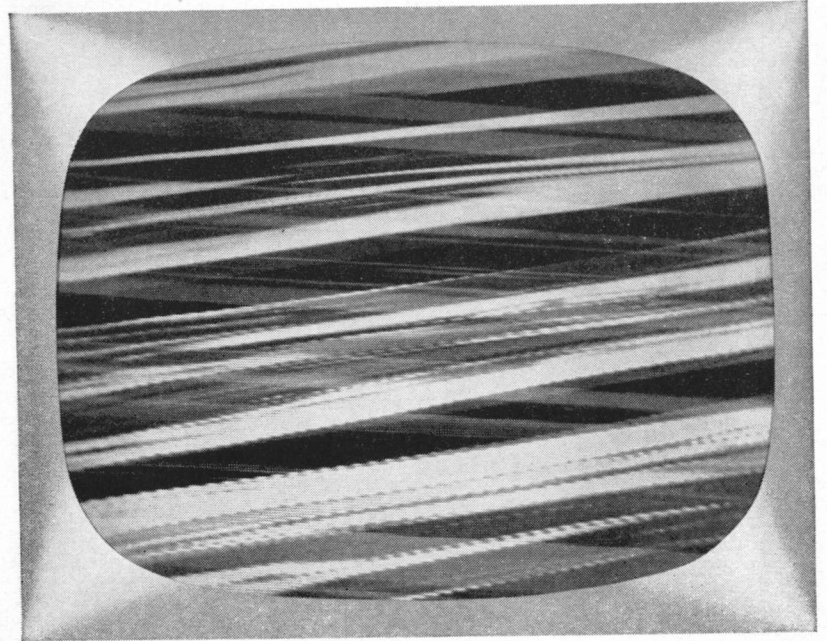
Adjust the TUNING control (outer knob) until a picture is obtained and satisfactory sound is heard.

The picture obtained at this point may be distorted, but will be corrected with the adjustments shown in the following pages.

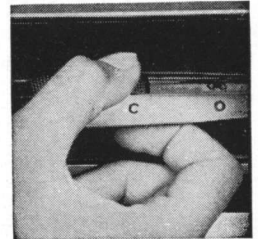


Adjust the VOLUME control for the desired volume.

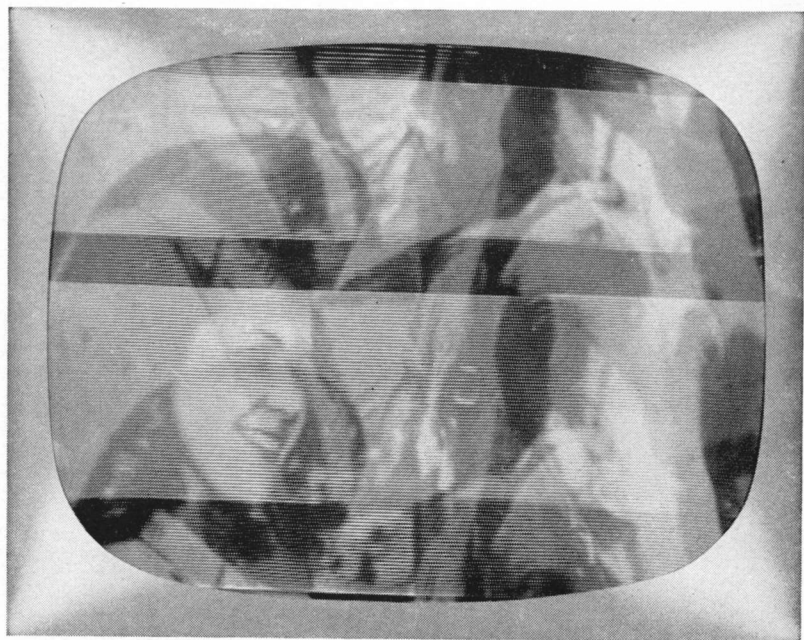
Adjusting Horizontal Hold



If the picture appears with numerous black and white lines or bars, as illustrated, turn the HORIZONTAL HOLD control to the right or left to eliminate the lines or bars. If this control is not disturbed it will not require readjusting each time the receiver is operated.



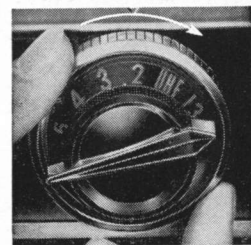
Adjusting Vertical Hold



Page Six

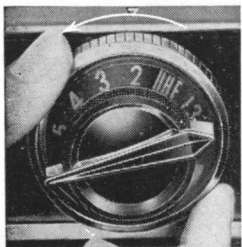
If the picture moves upward or downward, as illustrated, turn the VERTICAL HOLD control to the right or left until the picture stays steady vertically. If this control is not disturbed, it will not require re-adjusting each time the receiver is operated.

Tuning for Best Picture Quality



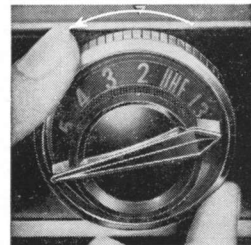
Page Seven

TURN THE TUNING CONTROL (OUTER KNOB) TO THE RIGHT UNTIL THE PICTURE BECOMES VERY STREAKY AND BUBBLY, AS ILLUSTRATED.

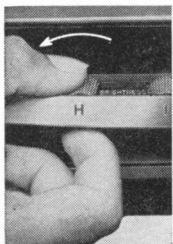
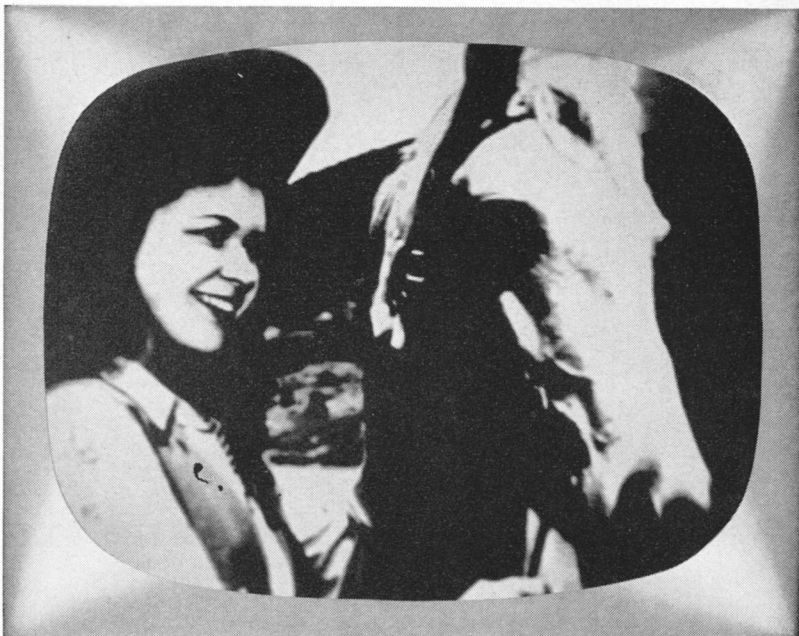


NEXT, TURN THE TUNING CONTROL (OUTER KNOB) SLOWLY TO THE LEFT UNTIL THE STREAKY, BUBBLY CONDITION *JUST* CLEARS UP. *AT THIS POINT, THE BEST PICTURE QUALITY GENERALLY WILL BE OBTAINED.*

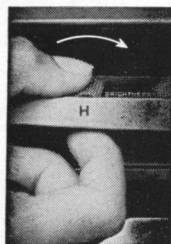
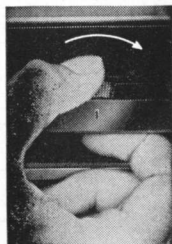
DO NOT TURN THE TUNING CONTROL (OUTER KNOB) BEYOND THE POINT MENTIONED, OR A VERY SOFT, SMEARY PICTURE, LACKING IN DETAIL WILL BE OBTAINED.



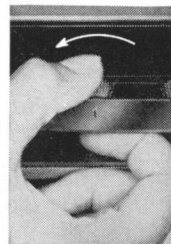
Adjusting Contrast and Brightness

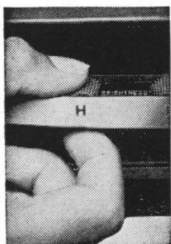


If the picture appears harsh with heavy black areas as illustrated, turn the **CONTRAST** control to the left or the **BRIGHTNESS** control to the right until a clear and pleasing picture is obtained.



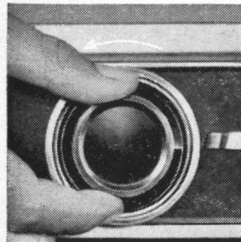
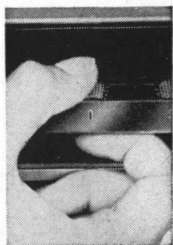
If the picture appears weak and washed out as illustrated, turn the **CONTRAST** control to the right or the **BRIGHTNESS** control to the left until the black portions and shades of gray in the picture are the most pleasing.





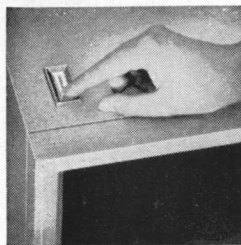
When the **CONTRAST** and **BRIGHTNESS** controls are properly adjusted, the picture will be sharp and clear as illustrated.

If the **BRIGHTNESS** control is not disturbed, it will not require readjusting each time the receiver is operated.



TO TURN RECEIVER OFF

To turn the receiver off, turn the **OFF-VOLUME** control (inner knob) fully to the left until a click is heard. On "Top Touch Tuning" Models, press and release **ON-OFF** button as illustrated below.



CLEANING CABINET

Your new Philco with its luxuriously finished cabinet should be given the same care as any piece of fine furniture. To preserve the hand-rubbed surface and original lustre of the cabinet finish, a high-quality polish such as Philco Furniture Polish (obtainable from your Philco Dealer) should be used.

Do not subject the instrument to rough treatment, and avoid placing articles of any kind on or against the cabinet in such a way as to obstruct the ventilating openings in the rear of the cabinet.

Do not attempt to clean the receiver chassis or the inside of the cabinet.

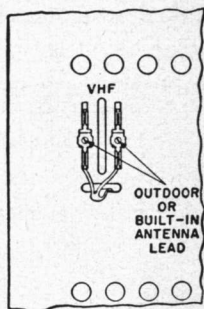
Antenna Connections

Most Philco models are provided with the Philco Electronically Matched Built-In Antenna. When using this Built-In Antenna, several locations in the room should be tried to find the location where the best reception can be obtained. It is also recommended that the receiver should not be placed near large metal objects, and metal objects should not be placed on top of the cabinet.

In areas where television reception is poor, the use of an outside antenna may be required. To give you the very best television reception, your Philco Dealer can supply you with the correct Philco Television Antenna, complete with installation instructions, or he can arrange to have it installed by an installation specialist.

RECEIVERS EQUIPPED FOR VHF ONLY

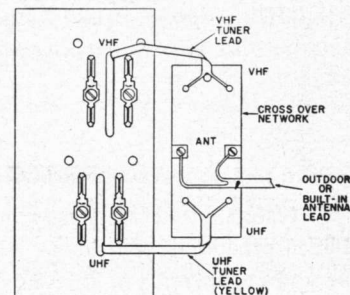
To connect an outside antenna to receivers equipped for VHF reception only, fasten the transmission-line wires of the outside antenna to terminals, as shown in the illustration.



RECEIVERS EQUIPPED FOR VHF AND UHF

Common Antenna Operation

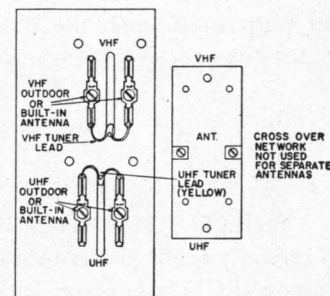
To connect one outside antenna for both VHF and UHF reception, remove the built-in antenna leads at the screw terminals of the cross-over network and then fasten the transmission-line wires of the outside antenna to these terminals, as shown in the illustration.



(Should antenna terminals on your set be adjacent to each other rather than above and below, follow the procedure as outlined except that the cross-over network is mounted below the terminals. The back lettering should then be used as the wiring guide).

Separate Antenna Operation

To use separate antennas for VHF and UHF reception, remove the two leads from the VHF side of the cross-over network, and insert the metal tips into the metal clips marked VHF. Then remove the two leads from the UHF side of the cross-over network, and insert the metal tips into the metal clips marked UHF. Fasten the transmission-line wires of the VHF antenna under the screws on the metal clips marked VHF, and fasten the transmission-line wires of the UHF antenna under the screws on the metal clips marked UHF. The illustration shows the proper installation.



NOTE: *When using separate antennas for VHF and UHF reception, the built-in antenna may be used for VHF reception with an outside antenna for UHF reception, or the built-in antenna may be used for UHF reception with an outside antenna for VHF reception.*

PHILCO IS INTERESTED

Naturally, we are vitally interested in your impressions of this new Philco product in your home. We cordially invite you, therefore, to send us any comments you care to make — compliments or suggestions — concerning the performance of your Philco. A reply form is attached for your convenience.

WARRANTY

The Warranty Section of this booklet explains how we protect your Television Receiver against defects in material and workmanship. It is our purpose, through the Philco Distributor and Dealer organization, to carry out our obligation under its terms.

SERVICE

PHILCO FACTORY-SUPERVISED SERVICE is an organization of carefully qualified service technicians, trained and supervised by Philco Corporation to assure you lasting enjoyment of your new Philco Television Receiver. No matter where you live, a member of this largest organization of service specialists in the industry is conveniently available through your Philco dealer, to give you full assurance of prompt, reliable service at reasonable rates.

SERVICE LABOR

PHILCO FACTORY-SUPERVISED SERVICE dealers offer a variety of service arrangements for the convenience of Philco owners as follows:

1. Service when needed at a charge for each call.
2. 90-day Service Contract.
3. One-Year Service Contract.

Select the type of service which meets your requirements. No matter which you choose, all PHILCO FACTORY-SUPERVISED SERVICE dealers offer uniform, high-quality, prompt, and economical service to Philco owners. See your PHILCO FACTORY-SUPERVISED SERVICE dealer.

Servicemen who are qualified to carry PHILCO FACTORY-SUPERVISED SERVICE credentials are identified by this emblem.



The largest organization of Factory-Trained and Factory-Supervised service specialists in the appliance industry.

WHEN SERVICE OR INQUIRY IS NECESSARY:

DEALER'S NAME

ADDRESS PHONE NO.

CITY ZONE STATE

Be Sure to Mention:

MODEL NO. CODE SERIAL NO.

DATE PURCHASED

Standard Warranty

"We warrant each new Philco Television Receiver to be free from defects in material and workmanship under normal use and service, our obligation under this warranty being limited to making good on any part or parts thereof which shall, within ninety (90) days after delivery of such receiver to the original retail purchaser, be returned to us through our distributor or dealer with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been thus defective, with the exception that the period of warranty under these terms for the cathode-ray tube (picture tube) shall be one (1) year; 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 our products.

"In order to receive the benefit of the above one (1) year warranty upon the cathode-ray tube (picture tube) it is required that the tube be registered with Philco Corporation. The Registry Card, attached to this booklet must be completed and returned to Philco Corporation.

"We reserve the right to make changes in design or to make additions to or improvements upon this product without incurring any obligation to modify such previously manufactured products.

"This warranty shall not apply to any receiver which shall have been repaired or altered 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 which has been connected otherwise than in accordance with the instructions furnished by us."



PHILCO CORPORATION
PHILADELPHIA, PA.