
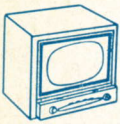


How to Tune 
and Enjoy Your
PHILCO
TELEVISION
RECEIVER

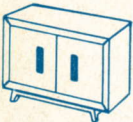




Famous for Quality the World Over



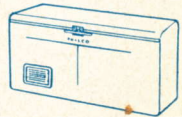
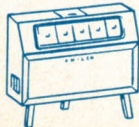
TELEVISION RECEIVERS
HOME RADIOS • RADIO PHONOGRAPHS
REFRIGERATORS



FREEZERS • AIR CONDITIONERS
ELECTRIC RANGES
RADIO TUBES • DRY BATTERIES



ACCESSORIES
AUTO RADIOS • ELECTRONIC EQUIPMENT
EXPORT PRODUCTS



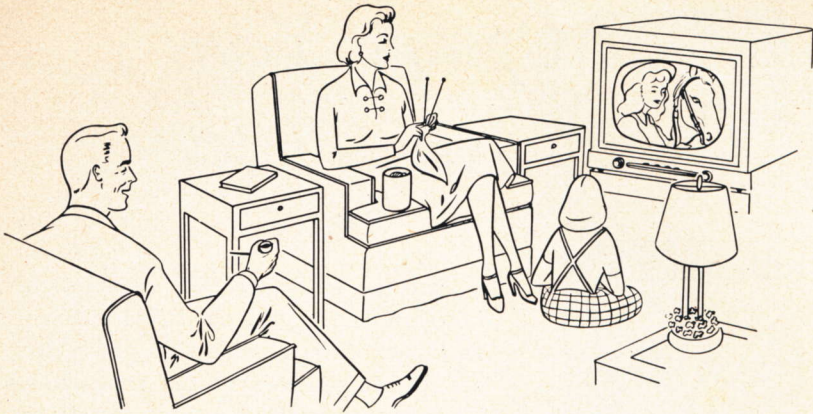
CONTRAST CONTROL

OFF-VOLUME CONTROL

BRIGHTNESS CONTROL

VERTICAL HOLD

P H I



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.

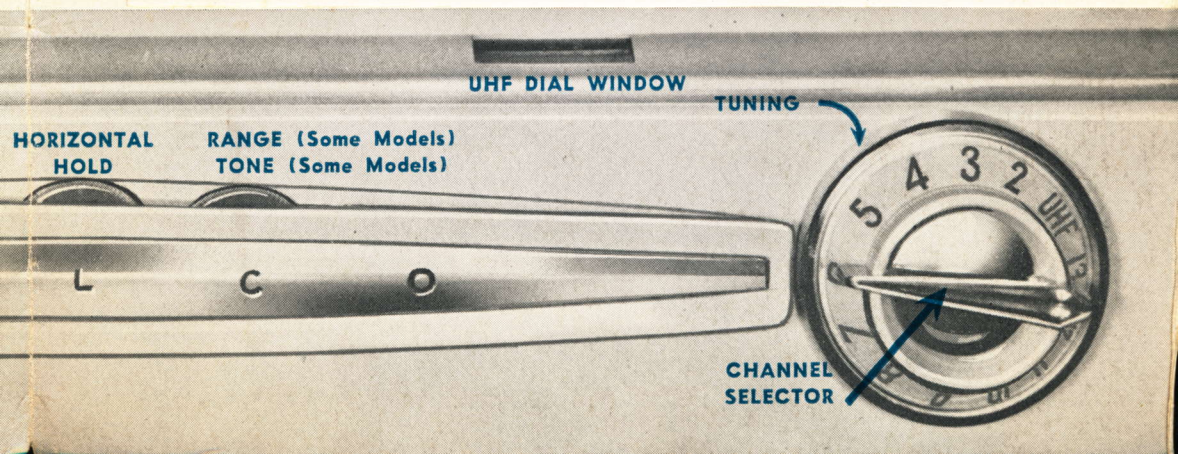
Philco is proud to have built this receiver, and you will be proud to own it and enjoy its many advanced features.

ELECTRICAL CONNECTIONS

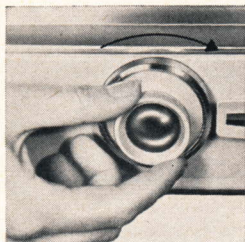
This instrument is designed to operate from a 110- to 120-volt, 60-cycle, a-c standard wall outlet. *Do not attempt to operate the instrument from a lower or higher a-c power source or from a direct-current (d-c) power source.*



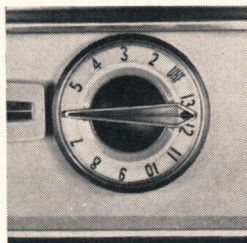
Page One



How to Operate Your New Philco

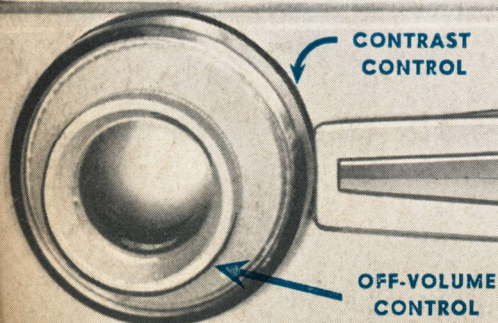


Turn the OFF-VOLUME control (inner knob) to the right about halfway through its range. (The off-on switch and volume control are operated by the same knob.) Wait one minute for the tubes to warm up.



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.

Page Two



BRIGHTNESS
CONTROL

VERTICAL
HOLD

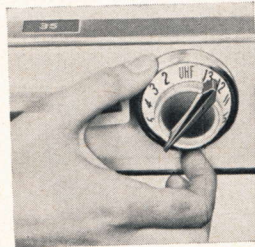
HOR
H

P H I

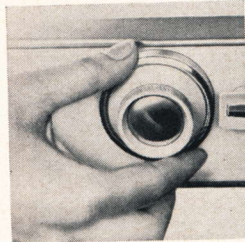
If you are tuning to a channel from 2 to 13 (VHF), turn the CHANNEL SELECTOR (inner knob) to the right or left until the channel number of the desired station is indicated.



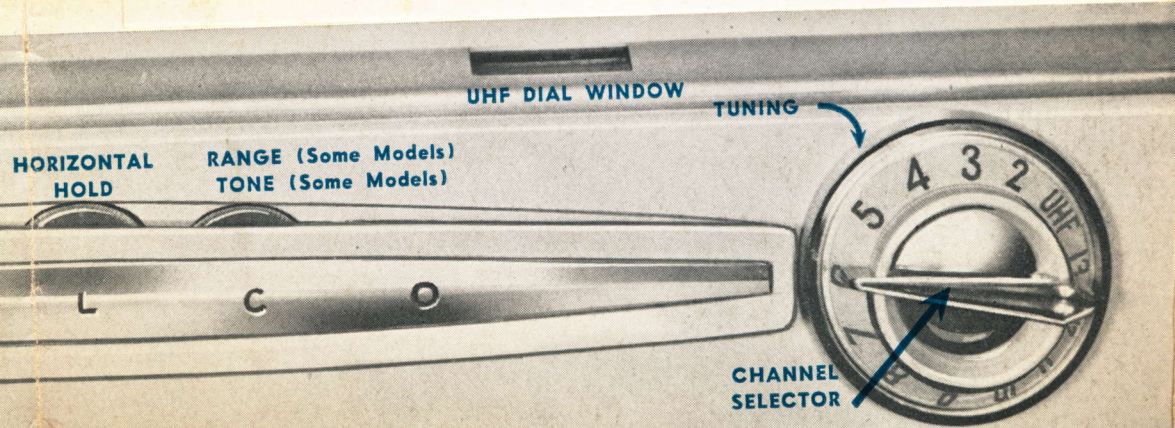
If your receiver is equipped for UHF, you may also tune any channel from 14 to 83 (UHF). Set the CHANNEL SELECTOR (inner knob) to UHF. The UHF DIAL window (located above, and to the left of the control), will be illuminated. Turn the TUNING control (outer knob) until the desired channel number appears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

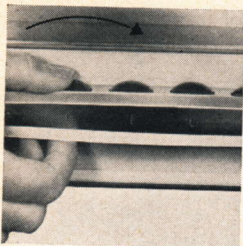


Set the CONTRAST control to the center of its range.

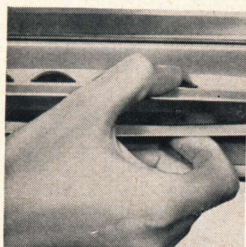


Page Three





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



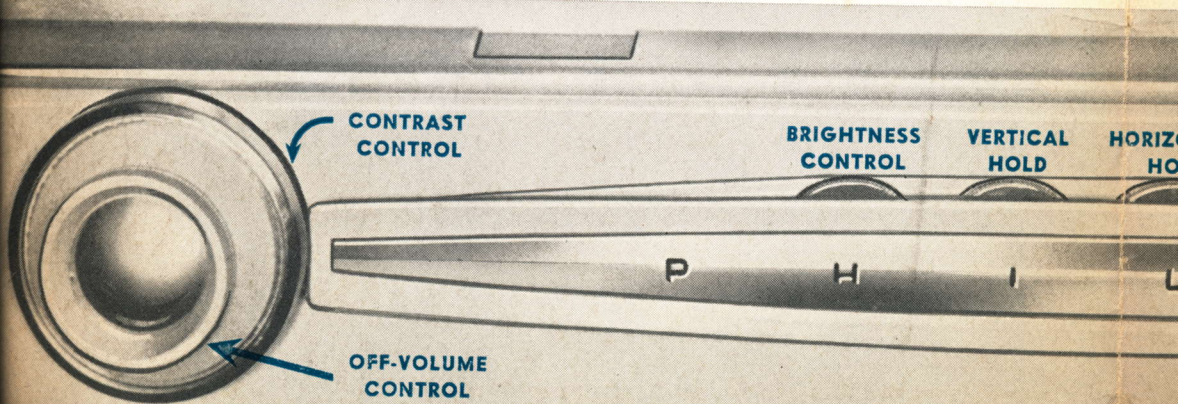
If your receiver is equipped with a **RANGE** selector, set this control to its center position.



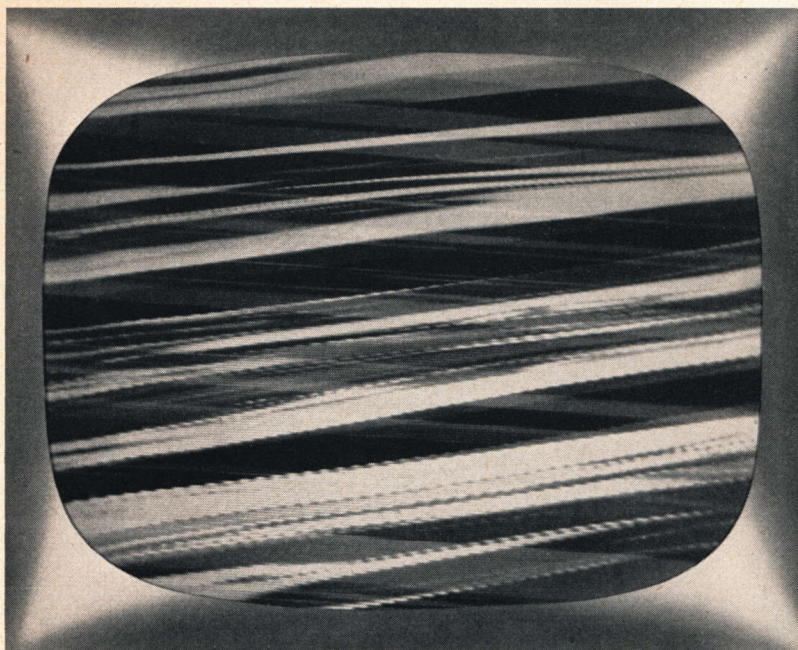
Adjust the **TUNING** control (outer knob) until a picture is obtained and satisfactory sound is heard.

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

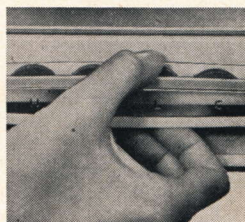
Page Four



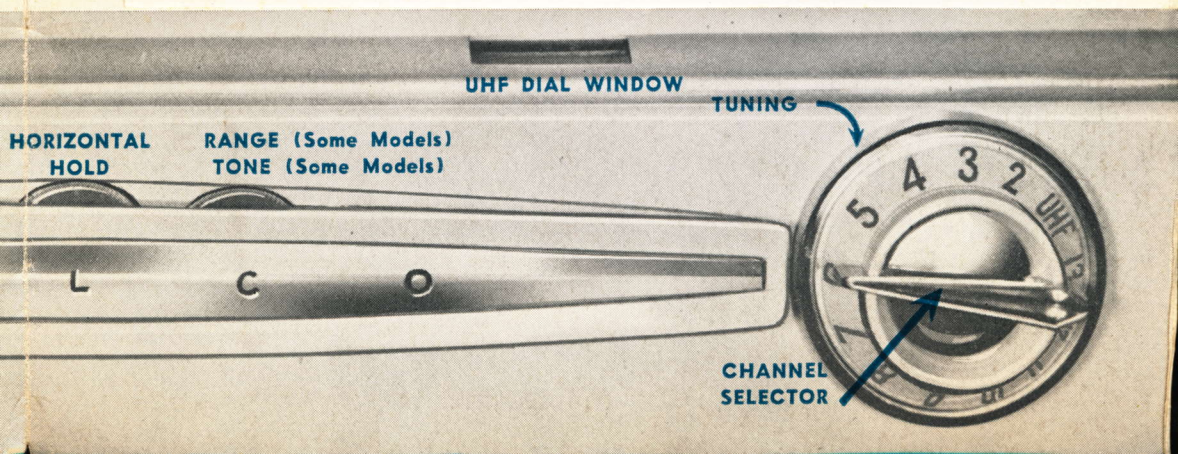
Adjusting Horizontal Hold



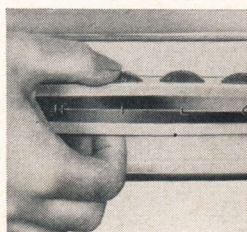
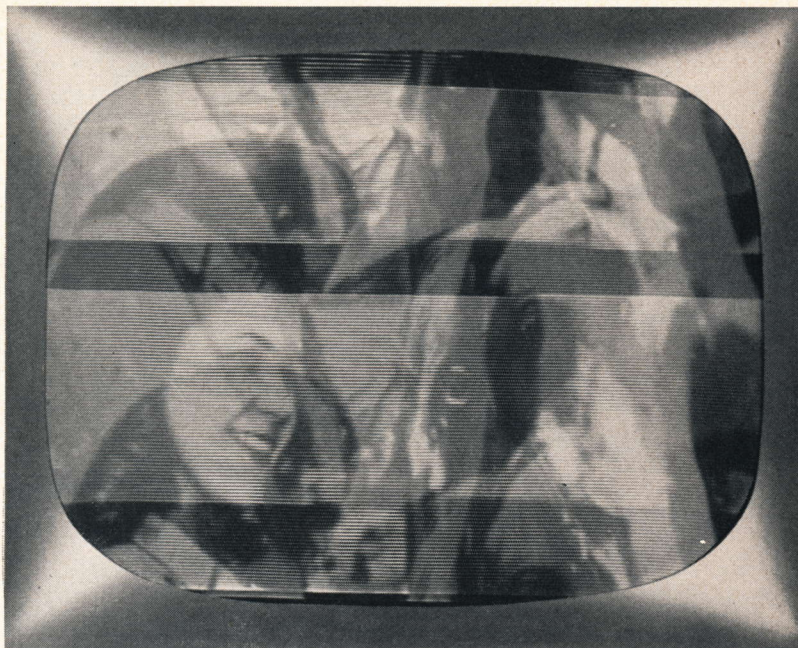
If the picture appears with numerous black and white lines or bars, as illustrated, turn the **HORIZONTAL HOLD** control to the right or left to eliminate the lines or bars. If this control is not disturbed it will not require readjusting each time the receiver is operated.



Page Five



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.



CONTRAST
CONTROL

OFF-VOLUME
CONTROL

BRIGHTNESS
CONTROL

VERTICAL
HOLD

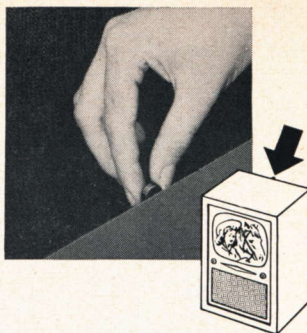
HORI
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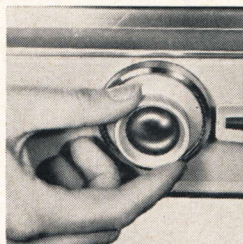
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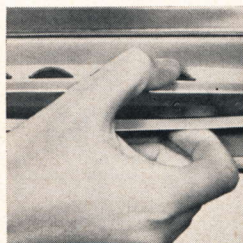
Your receiver may be equipped with a four-position **BUILT-IN ANTENNA SWITCH** at the top-rear of the cabinet. If so, operate the switch for each channel to determine which position will give the best performance.



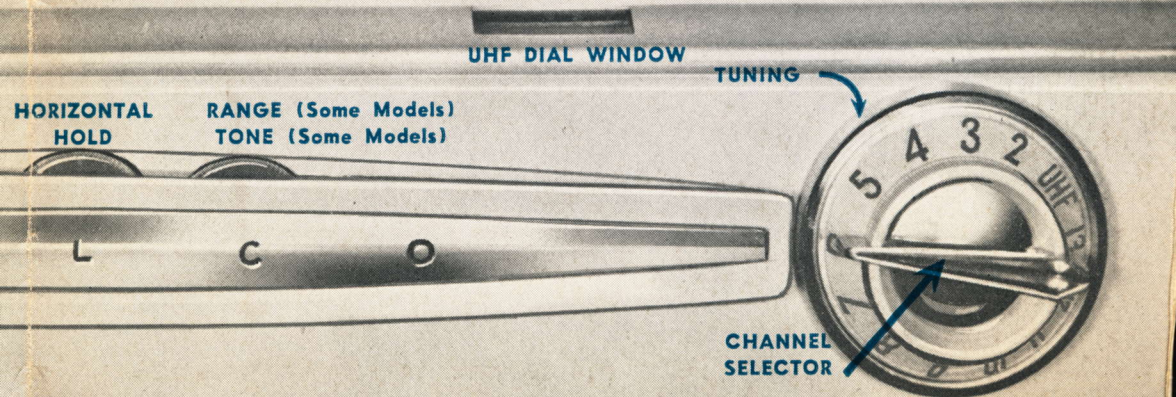
Adjust the **OFF-VOLUME** control for the desired volume.



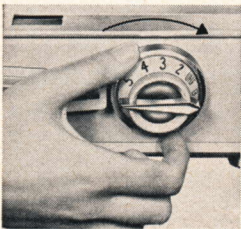
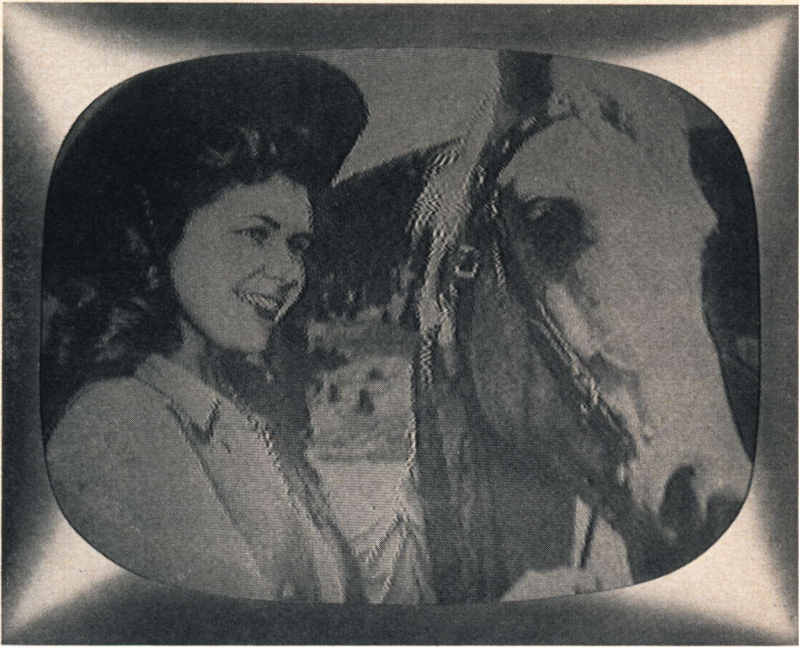
If your receiver is equipped with a **TONE** control, adjust this control for the most pleasing tone.



Page Seven



Tuning for Best



Turn the TUNING control (outer knob) to the right until the picture becomes very streaky and bubbly, as illustrated.

Page Eight



CONTRAST CONTROL

OFF-VOLUME CONTROL

BRIGHTNESS CONTROL

VERTICAL HOLD

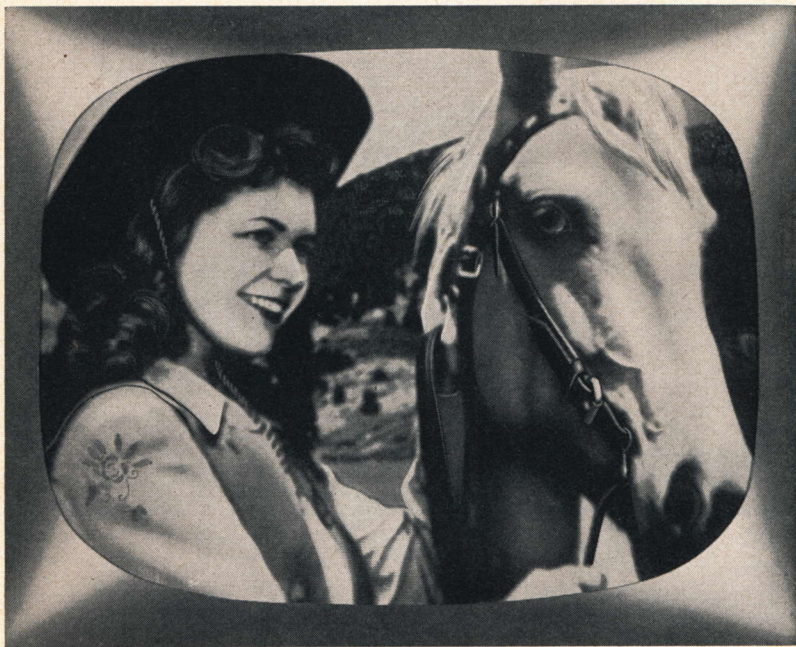
HORIZONTAL HOLD

P

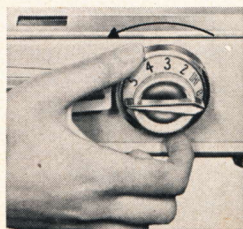
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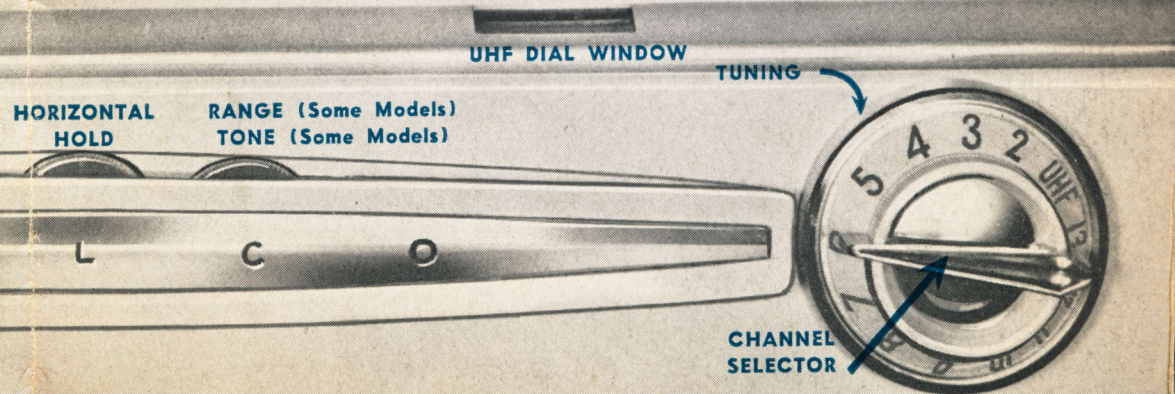
Picture Quality



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.



Page Nine





Do not turn the TUNING control (outer knob) beyond the point mentioned, or a very soft, smeary picture, lacking in detail will be obtained.

Page Ten



**CONTRAST
CONTROL**

**OFF-VOLUME
CONTROL**

**BRIGHTNESS
CONTROL**

**VERTICAL
HOLD**

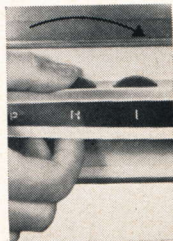
**HOR
H**

P H I

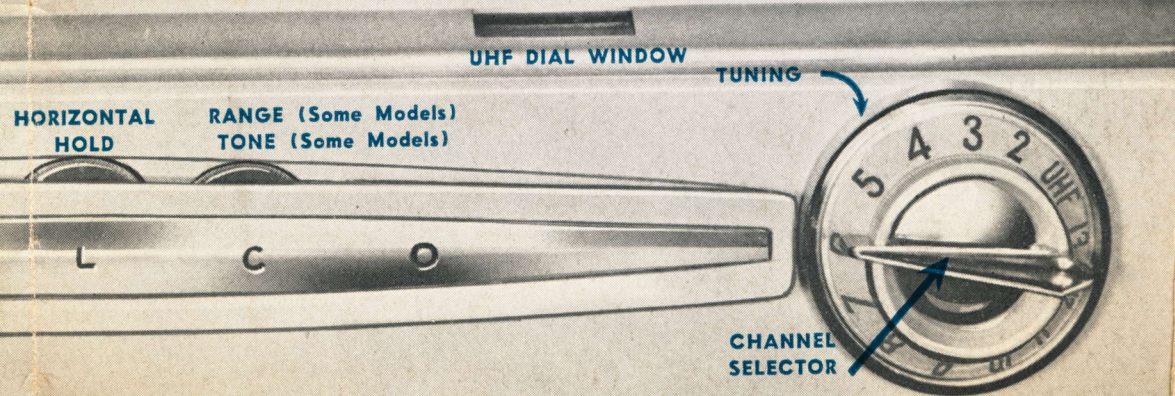
Adjusting Contrast and Brightness



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.



Page Eleven





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.



Page Twelve



**CONTRAST
CONTROL**

**OFF-VOLUME
CONTROL**

**BRIGHTNESS
CONTROL**

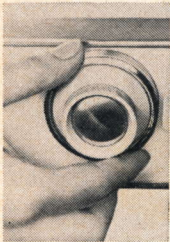
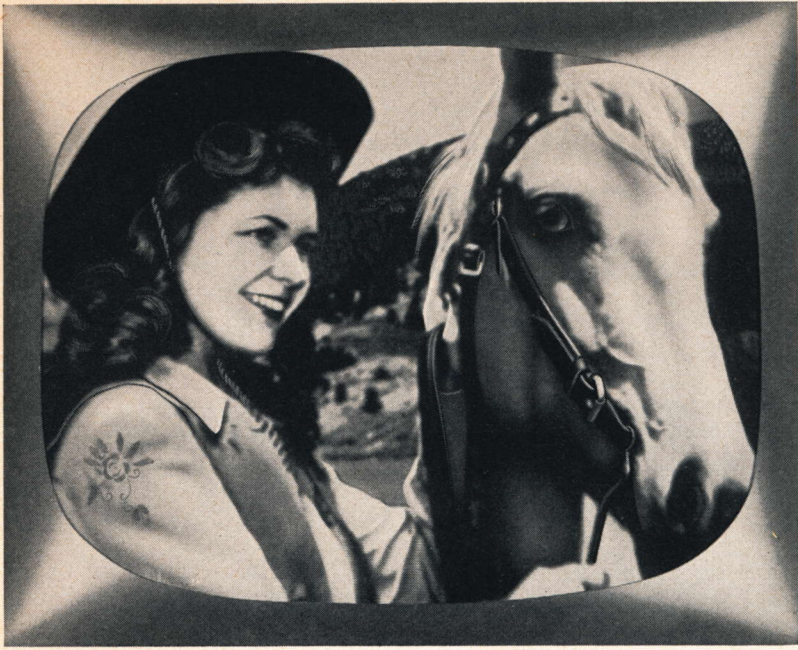
**VERTICAL
HOLD**

HOR

P

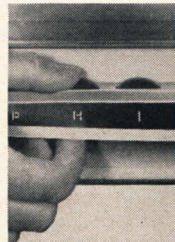
H

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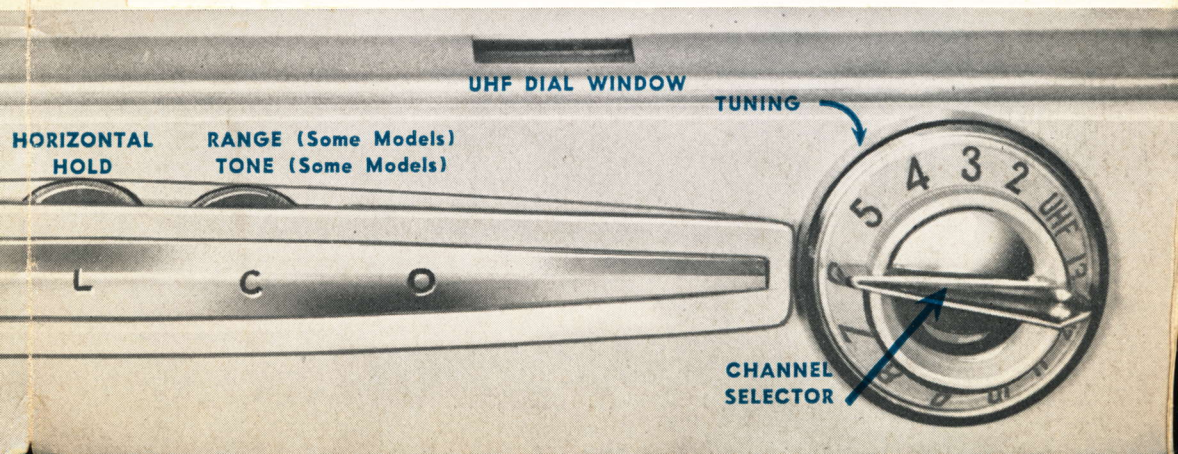


When the **CONTRAST** and **BRIGHTNESS** controls are properly adjusted, the picture will be sharp and clear as illustrated.

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



Page Thirteen



UHF DIAL WINDOW

TUNING

HORIZONTAL HOLD

**RANGE (Some Models)
TONE (Some Models)**

L C O

CHANNEL SELECTOR



Adjusting Range Selector

The RANGE selector, if provided, has three positions, as follows:

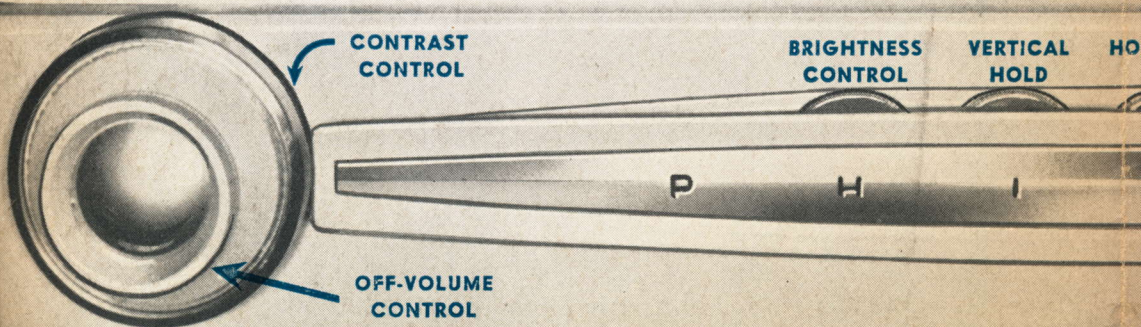
Left position — For extremely weak and noisy signals from distant stations.

Center position — For normal reception.

Right position — For strong signals from very near stations.



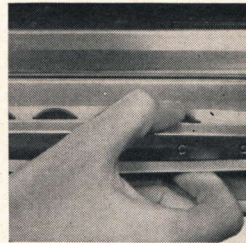
Page Fourteen



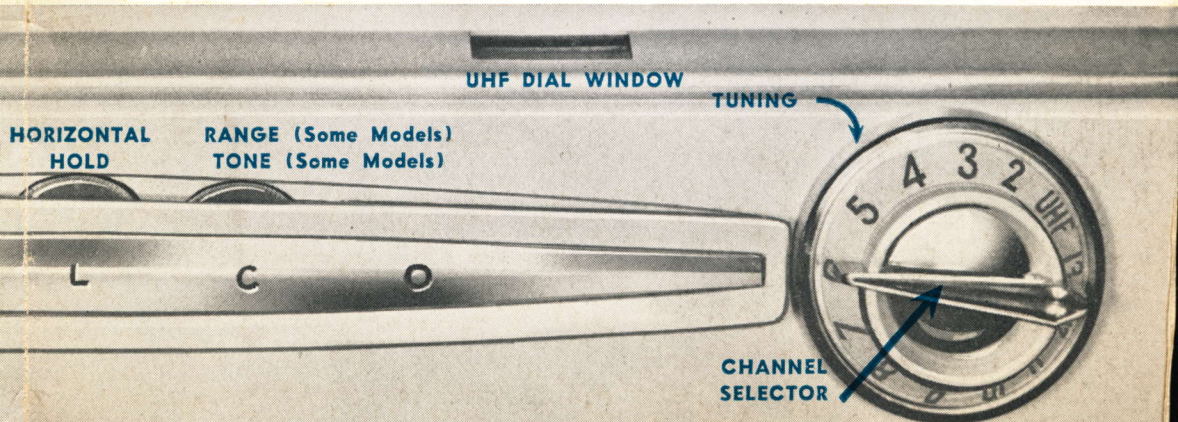


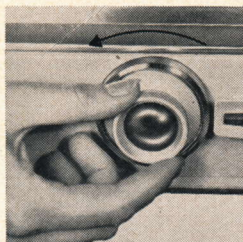
If the picture appears as illustrated at left, the signal being received is too strong for the setting of the RANGE selector. Turn this control to the right to the position for a stronger signal.

If the picture appears as illustrated above, the signal being received is too weak for the setting of the RANGE selector. Turn this control to the left to the position for a weaker signal.



Page Fifteen





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.

UHF

If your receiver is not equipped with a UHF tuner, a Philco UHF tuner may be obtained from your Philco Dealer for out-of-sight installation inside your receiver when UHF stations start operating in your area. 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.

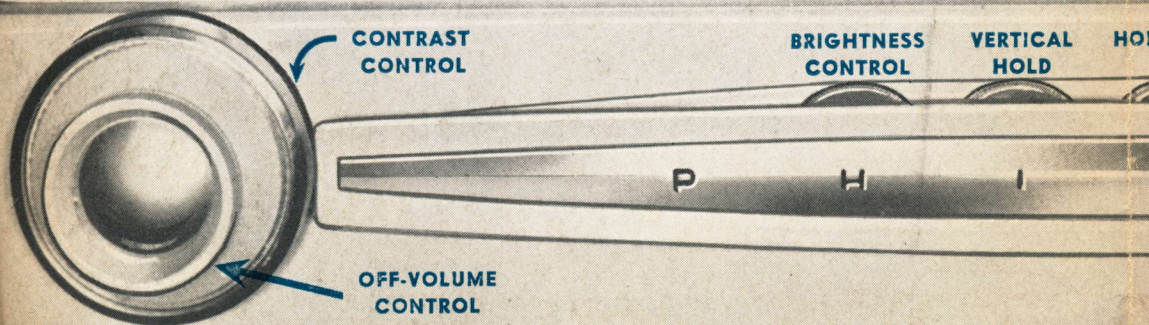
CLEANING CABINET

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.

Page Sixteen



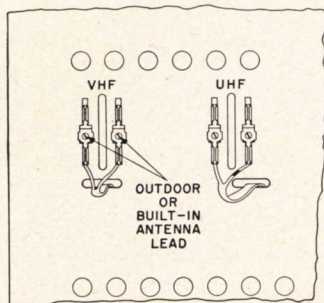
Antenna Connections

Many Philco models are provided with the Philco Electronically Matched Built-In Antenna. Other models are equipped with the Directional Electronic Built-In Antenna with a four-position switch at the top-rear of the cabinet to permit the selection of the best antenna position for each channel. If the built-in antenna system is not equipped with a four-position switch, several locations in the room should be tried to find the location where the best reception can be obtained. The location of receivers equipped with the four-position switch will be less critical than models not so equipped. However, when using a built-in antenna the receiver should not be placed near large metal objects, and metal objects should not be placed on top of the cabinet.

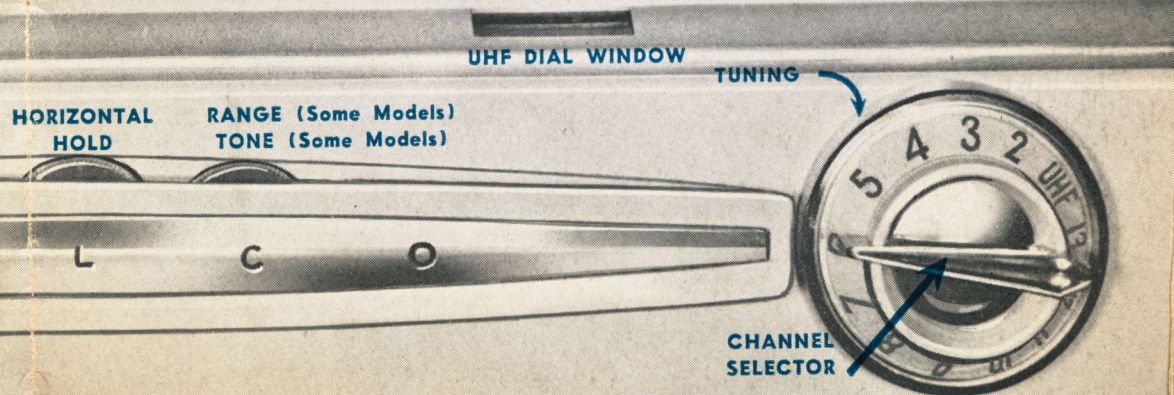
In areas where television reception is poor, the use of an outside antenna may be required. To give you the very best television reception, your Philco Dealer can supply you with the correct Philco Television Antenna, complete with installation instructions, or he can arrange to have it installed by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

RECEIVERS EQUIPPED FOR VHF ONLY

To connect an outside antenna to receivers equipped for VHF reception only, remove the built-in antenna leads (if provided) at the screw terminals, and then fasten the transmission-line wires of the outside antenna to these terminals, as shown in the illustration.



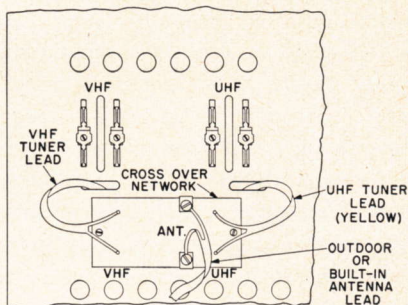
Page Seventeen



OPERATING UHF & VHF FROM A SINGLE ANTENNA

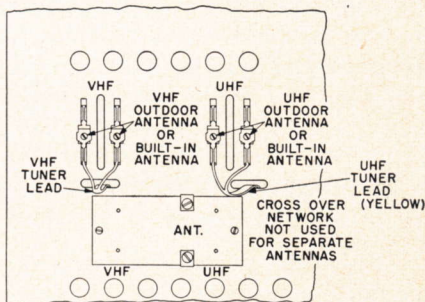
Common Antenna Operation

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.

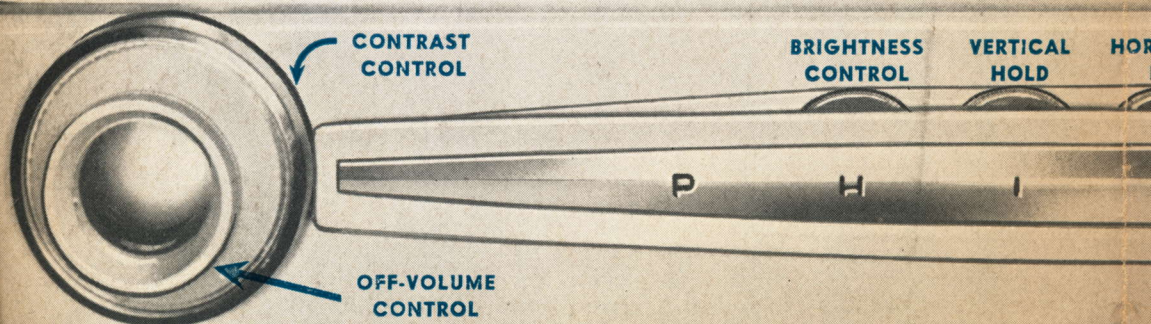


Separate Antenna Operation

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.



Page Eighteen



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.*

Where an outside antenna is used, the BUILT-IN ANTENNA switch at the top-rear of the cabinet has no effect on the operation of the receiver, and the instructions for the use of this control do not apply.

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.

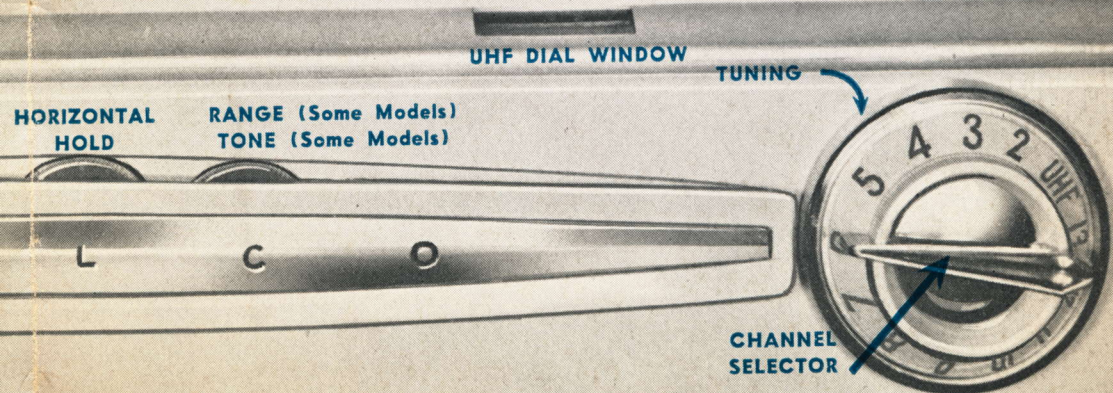
WARRANTY

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.

Page Nineteen



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.

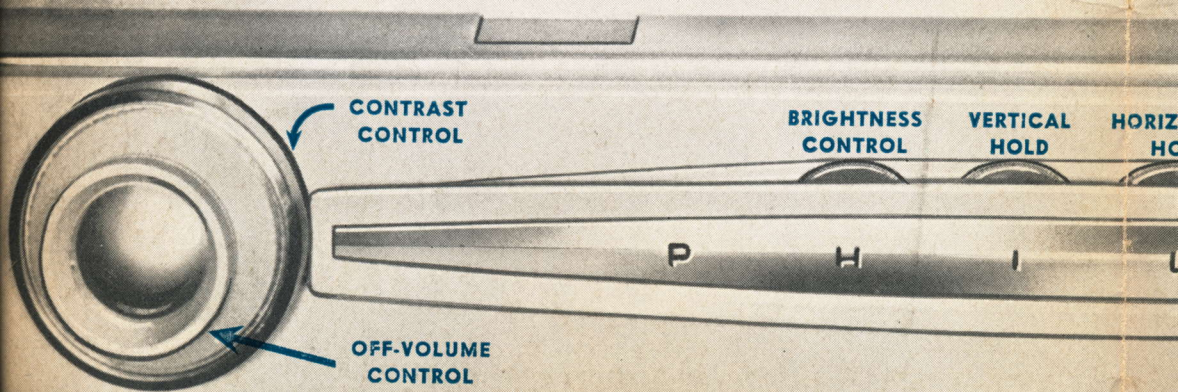
CITY ZONE STATE

Be Sure to Mention:

MODEL NO. CODE SERIAL NO.

DATE PURCHASED

Page Twenty



Postage
Will be Paid
by
Addressee

No
Postage Stamp
Necessary
If Mailed in the
United States

BUSINESS REPLY CARD

First Class Permit No. 586, Sec. 34.9, P. L. & R., Philadelphia, Pa.

PHILCO CORPORATION

WARRANTY SERVICE DEPT.

SERVICE & PARTS DIV.

"A" AND ALLEGHENY AVE.

PHILA. 34, PA.

IMPORTANT: Be sure to detach your Picture Tube Registry Card, fill in the information requested, and mail to Philco. No postage required.



Postage
Will be Paid
by
Addressee

No
Postage Stamp
Necessary
If Mailed in the
United States

BUSINESS REPLY CARD

First Class Permit No. 586, Sec. 34.9, P. L. & R., Phila., Pa.

PHILCO CORPORATION

"C" & TIOGA STREETS

PHILA. 34, PA.

ATT: PRODUCT DESIGN

UHF DIAL WINDOW

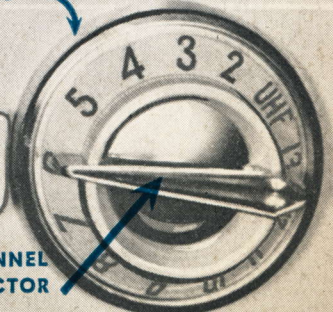
TUNING

HORIZONTAL
HOLD

RANGE (Some Models)
TONE (Some Models)

L C O

CHANNEL
SELECTOR



Standard Warranty

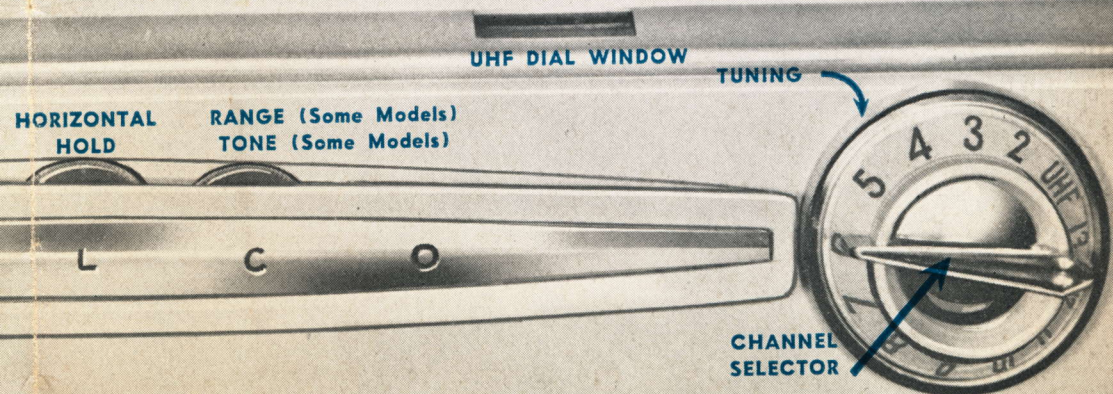
"We warrant each new Philco Television Receiver to be free from defects in material and workmanship under normal use and service, our obligation under this warranty being limited to making good on any part or parts thereof which shall, within ninety (90) days after delivery of such receiver to the original 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, postage prepaid, 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.



PHILCO TELEVISION REGISTRY CARD

3728567

Picture Tube Serial Number

Owner's Name

Address

City Zone State

Television Model Code Date of Delivery

Dealer's Name

Address

City State

Your Philco Television Receiver and Picture Tube will be registered under the terms of the Philco Standard Television Warranty when you fill out and mail this card to Philco Corporation. Unless this card is filled out your television receiver and picture tube may not be fully protected under the terms of the Standard Television Warranty. No postage is required. Printed in U.S.A.

IMPORTANT: Be sure to detach your Picture Tube Registry Card, fill in the information requested, and mail to Philco. No postage required.

Comments about my new Philco Model No......
Code No......

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Owner's Name Date

Address

City Zone State





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