

User Manual



26PW6341/37
30PW6341/37



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Registering your model with PHILIPS makes you eligible for all of the valuable benefits listed below, so don't miss out. Complete and return your Product Registration Card at once to ensure

<p>*Proof of Purchase</p> <p>Returning the enclosed card guarantees that your date of purchase will be on file, so no additional paperwork will be required from you to obtain warranty service.</p>	<p>*Product Safety Notification</p> <p>By registering your product, you'll receive notification - directly from the manufacturer - in the rare case of a product recall or safety defect.</p>	<p>*Additional Benefits of Product Ownership</p> <p>Registering your product guarantees that you'll receive all of the privileges to which you're entitled, including special money-saving offers.</p>
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Know these
safety symbols



-  This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.
-  The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.


CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

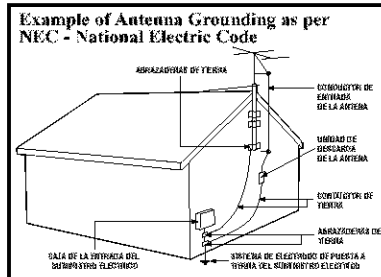
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IMPORTANT SAFETY INSTRUCTIONS

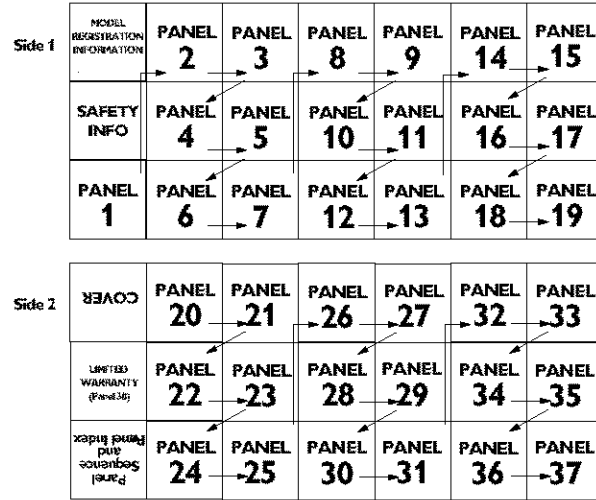
Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12.  Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org
16. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
17. **Tilt/Stability** - All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinet design.
 - Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
 - Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
18. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
19. **Power Lines** - An outdoor antenna should be located away from power lines.
20. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure below.
21. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
 - a) Warning: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
22. **Battery Usage CAUTION** - To prevent battery leakage that may result in bodily injury, battery damage, or damage to the unit:
 - Install all batteries correctly, with + and - aligned as marked on the unit.
 - Do not mix batteries (old and new or carbon and alkaline, etc.).
 - Remove batteries when the unit is not used for a long time.

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



PANEL LAYOUT



PANEL INDEX

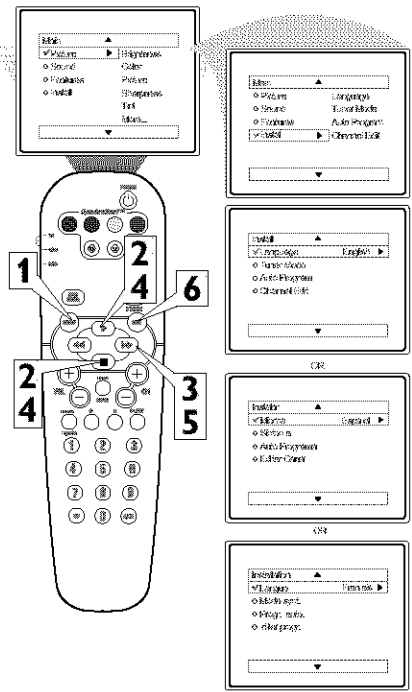
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I HOW TO USE THE LANGUAGE CONTROL

For French and Spanish speaking TV owners an onscreen Language option is present. With the Language control you can set the TV's onscreen menu to be shown in English, French, or Spanish.

- 1** Press the **MENU** button on the remote control to show the onscreen menu.
- 2** Press the **CURSOR UP** or **DOWN** buttons to scroll through the onscreen menu until the word **Install** is highlighted.
- 3** Press the **CURSOR RIGHT** button to display the **Install** menu features.
- 4** Press the **CURSOR UP** or **DOWN** buttons to scroll through the **Install** features until the word **Language** is highlighted.
- 5** Press the **CURSOR RIGHT** button repeatedly to select **English**, **Francais** (French), or **Español** (Spanish).
- 6** When finished, press the **STATUS/EXIT** button to remove the menu from the TV's screen.



HELPFUL HINT

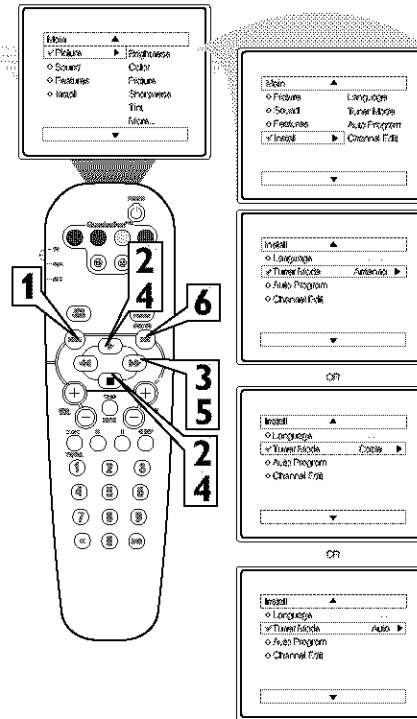
The Language control only makes the TV's onscreen Menu items appear in English, Spanish, or French text. It does not change the other onscreen text features such as Closed Caption (CC) TV shows.

2

HOW TO USE THE TUNER MODE CONTROL

The **TUNER MODE** control allows you to change the TV's input signal to either **ANTENNA**, **CABLE**, or **AUTO** mode. It's important for the TV to know what type of signal to look for (Cable TV or an Antenna). In the **AUTO** mode, when the **AUTO PROGRAM** feature is activated, the TV will automatically choose the correct mode.

- 1 Press the **MENU** button on the remote to show the onscreen menu.
- 2 Press the **CURSOR UP** or **DOWN** buttons to scroll through the onscreen menu until the word **Install** is highlighted.
- 3 Press the **CURSOR RIGHT** button to display the **Install** menu features.
- 4 Press **CURSOR UP** or **DOWN** buttons to scroll the **Install** features until the words **Tuner Mode** is highlighted.
- 5 Press the **CURSOR RIGHT** button to select either **Antenna**, **Cable**, or **Auto** mode.
- 6 When finished, press the **STATUS /EXIT** button to remove the onscreen menu from the TV's screen.



HELPFUL HINTS

When **CABLE** is selected, channels 1-125 are available.

When **ANTENNA** is selected, channels 2-69 are available.

When **AUTO** is selected, the TV will automatically set itself to the correct mode based on the type of signal it detects when the **AUTO PROGRAM** feature is activated.

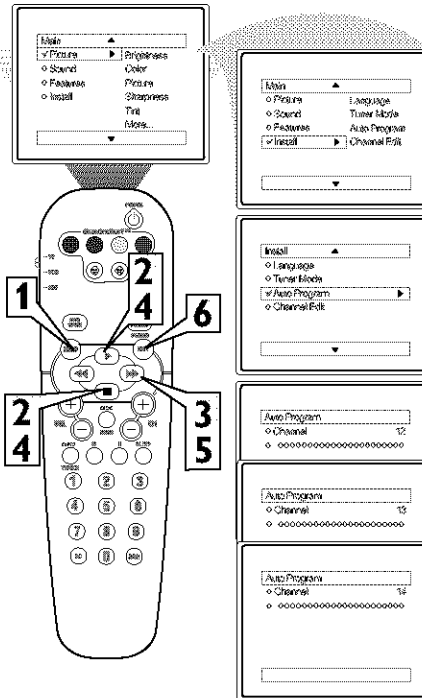
3

AUTOMATICALLY PROGRAM

Your TV can automatically set itself for local area (or Cable TV) channels. This makes it easy for you to select only the TV stations in your area when the CHANNEL (+), (-) buttons are pressed.

Note: Make sure the antenna or cable signal connection has been completed before AUTO PROGRAM is activated.

- 1** Press the MENU button on the remote to show the onscreen menu.
- 2** Press the CURSOR UP \blacktriangleright or DOWN \blacksquare buttons to scroll through the onscreen menu until the word **Install** is highlighted.
- 3** Press the CURSOR RIGHT $\blacktriangleright\blacktriangleright$ button to display the **Install** menu features.
- 4** Press CURSOR UP \blacktriangleright or DOWN \blacksquare buttons to scroll the Install features until the words **Auto Program** are highlighted.
- 5** Press the CURSOR RIGHT $\blacktriangleright\blacktriangleright$ button to start the Auto Program scanning of channels. Auto Programming will store all available channels in the TV's memory then tune to the lowest available channel when done.
- 6** When finished, press the STATUS /EXIT button to remove the menu from the TV's screen.



HELPFUL HINTS

When CABLE is selected, channels 1-125 are available.

When ANTENNA is selected, channels 2-69 are available.

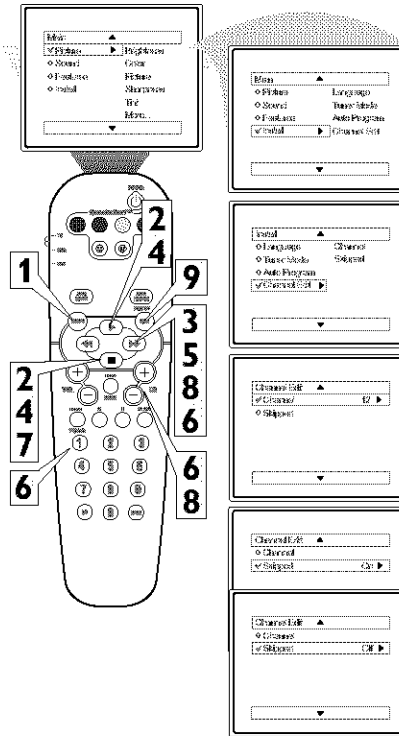
When AUTO is selected, the TV will automatically set itself to the correct mode based on the type of signal it detects when the AUTO PROGRAM feature is activated.

4

CHANNEL EDIT

Channel Edit makes it easy for you to ADD or DELETE channels from the list of channels stored in the TV's memory.

- 1** Press the **MENU** button on the remote control to show the onscreen menu.
- 2** Press the **CURSOR UP** **▶** or **DOWN** **■** buttons to scroll through the onscreen menu until the word **Install** is highlighted.
- 3** Press the **CURSOR RIGHT** **▶▶** button to display the **Install** menu features.
- 4** Press the **CURSOR UP** **▶** or **DOWN** **■** buttons to scroll through the **Install** features until the words **Channel Edit** are highlighted.
- 5** Press the **CURSOR RIGHT** **▶▶** button to display the **Channel Edit** options.
- 6** With the **Channel Edit** options displayed, and **Channel** highlighted; you can use the cursor buttons to scroll through all available channels that you wish to add (skipped **OFF**) or delete (Skipped **ON**) from the TV's memory. You can also use the **NUMBERED** buttons to go directly to a specific numbered channel that you want to add or skip. Or, you can also use the **CH+** or **CH-** to quickly scan through the channels that have not been skipped.
- 7** Using the **CURSOR DOWN** **■** button, scroll the menu to highlight the word **SKIPPED**.
- 8** Now use the **CURSOR RIGHT** **▶▶** button to toggle between **On** or **Off**. If **ON** is selected the channels is skipped when scrolling channels with the **CH+** or **CH-** buttons. If **OFF** is selected the channels is not skipped when scrolling channels with the **CH+** or **CH-** buttons.
- 9** When finished, press the **STATUS/EXIT** button to remove the menu from the screen.



HELPFUL HINTS

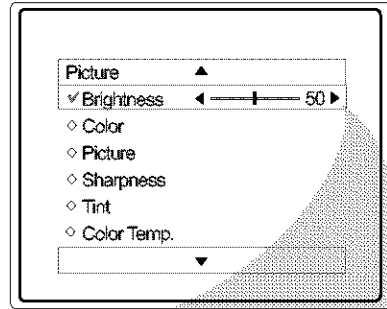
An "X" appearing in front of any channel will indicate that channel has skip on. When the **CH +** or **CH -** buttons are used, those channels will be skipped.

5

PICTURE MENU CONTROLS

To adjust your TV picture controls, select a channel and use the Picture Menu Controls listed below:

- 1 Brightness Control** - Press the **CURSOR ►►** or **◄◄** buttons until the darkest parts of the picture are as bright as you prefer.
- 2 Color Control** - Press the **CURSOR ►►** or **◄◄** buttons to add or eliminate color.
- 3 Picture Control** - Press the **CURSOR ►►** or **◄◄** buttons until lightest parts of the picture show good detail.
- 4 Sharpness Control** - Press the **CURSOR ►►** or **◄◄** buttons to improve detail in the picture.
- 5 Tint Control** - Press the **CURSOR ►►** or **◄◄** buttons to obtain natural skin tones.
- 6 Color Temp Control** - Press the **CURSOR ►►** or **◄◄** buttons to select Normal, Cool, or Warm picture preferences. (Normal will keep the whites, white; Cool will make the whites, bluish; and Warm will make the whites, reddish.)
- 7 DNR Control** - Press the **CURSOR ►►** or **◄◄** buttons to turn DNR On or Off. Dynamic Noise Reduction helps to eliminate "noise" from the picture.
- 8 Contrast + Control** - Press the **CURSOR ►►** or **◄◄** buttons to toggle the control On or OFF. The Contrast + control helps to "sharpen" the picture quality. The black portions of the picture become richer in darkness and the whites become brighter.



✓ Brightness 65

✓ Color 50

✓ Picture 50

✓ Sharpness 50

✓ Tint 0

✓ Color Temp. Normal
Warm
or
Cool

✓ DNR On
Off

✓ Contrast + On
Off

6

SOUND MENU CONTROLS

To adjust your TV sound, select and use the Sound Menu Controls listed below:

1 Treble: Press the CURSOR **▶▶** or **◀◀** buttons to adjust the control. The control will enhance the high frequency sounds.

2 Bass: Press the CURSOR **▶▶** or **◀◀** buttons to adjust the control. The control will enhance the low frequency sounds.

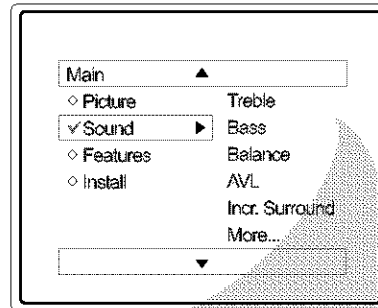
3 Balance: Press the CURSOR **▶▶** or **◀◀** buttons to adjust the level of sound coming from the left and right speakers.

4 AVL: (Auto Volume Leveler) Press the CURSOR **▶▶** or **◀◀** buttons to turn the control On or Off. When On, AVL will level out the sound being heard when sudden changes in volume occur during commercial breaks or channel changes.

5 Incr. Surround: Press the CURSOR **▶▶** or **◀◀** buttons to select between Dolby Virtual or Stereo settings (If Stereo), or select Spatial or Mono (If Mono).

6 SAP: Press the CURSOR **▶▶** or **◀◀** buttons to toggle this control to On or Off. SAP is short for Secondary Audio Programming and is sent as a third audio channel, a SAP signal can be heard apart from the current TV program sound. Note: If SAP is not present on a selected show No SAP will appear on the screen.

7 Sound: Press the CURSOR **▶▶** or **◀◀** buttons to select between Stereo or Mono settings. Note: If Stereo is not present on a selected show and the TV is placed in the Stereo mode, the sound coming from the TV will remain in the Mono mode.



✓ Treble ◀ —|— 50 ▶

✓ Bass ◀ —|— 50 ▶

✓ Balance ◀ L —|— R ▶

✓ AVL On or Off

✓ Incr. Surround Spatial or Mono

✓ Incr. Surround Dolby Virtual or Stereo

✓ SAP On or Off

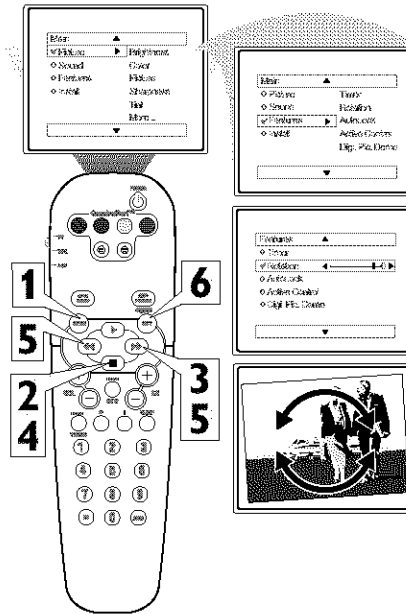
✓ Sound Mono or Stereo

7

HOW TO USE THE ROTATION CONTROL

In rare cases the video supplied to the TV screen might show slightly tilted one way or another. The Tilt Adjust control will allow you to correct the problem by adjusting the screen in a clockwise or counterclockwise direction.

- 1** Press the **MENU** button on the remote control to show the onscreen menu.
- 2** Press the **CURSOR DOWN** ■ buttons until Features is highlighted.
- 3** Press the **CURSOR RIGHT** ►► button and the menu will shift to the left.
- 4** Press the **CURSOR DOWN** ■ buttons repeatedly until the Rotation control is highlighted.
- 5** Press the **CURSOR RIGHT** ►► or **CURSOR LEFT** ◀◀ buttons to rotate the picture on the screen clockwise or counterclockwise. Please note that the amount of rotation will be very minimal.
- 6** Press the **STATUS/EXIT** button to remove the menu from the screen.

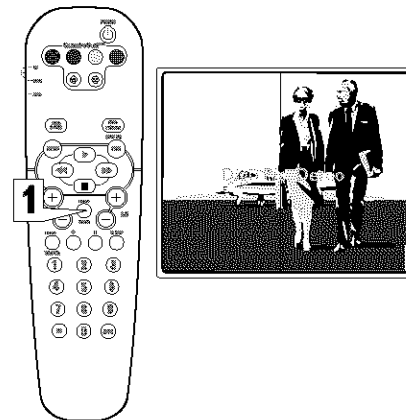


DEMO MODE

With Demo Mode On, a split screen demo will be shown on the screen. The Demo Mode will show the right side with a sharper image with more natural motion.

- 1** Press the **DEMO/MUTE** button on the remote approximately 3-4 seconds. The split screen demo appears. After 20 seconds, the TV will automatically return to normal operation.

Note: You can also turn the Digital Picture Demo On or Off by using onscreen menu.



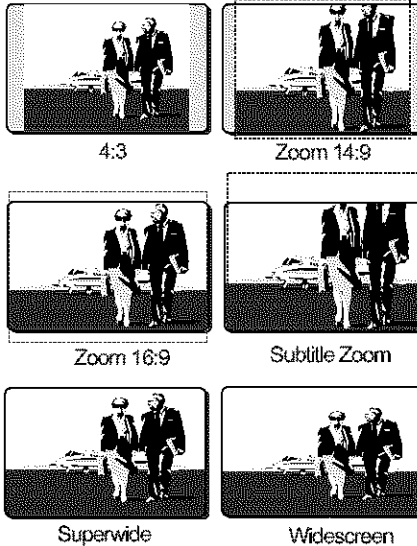
8

HOW TO USE THE 4:3 EXPAND FORMAT CONTROL

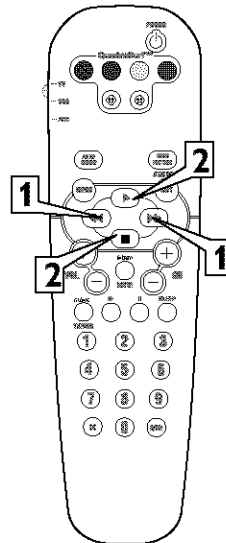
Many times while watching movies from a DVD player the image is shown in "letter box" format. This is the format that is shown in movie theaters. when shown on a TV screen, the image will have areas of black on top and bottom of the screen. After the desired format has been selected you can shift or "nudge" the picture by pressing the cursor to move the picture up or down.

1 Press the **CURSOR RIGHT** **▶▶** or **LEFT** **◀◀** buttons to select one of the toggle the screen format options.

2 While in the format options, you can press the **CURSOR UP** **▶** or **DOWN** **■** buttons to "nudge" the picture up or down.



NOTE: "Nudge" does not work in the Wide screen Picture Format.

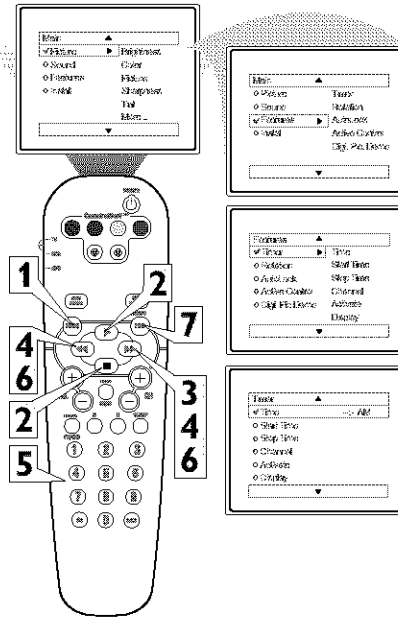


9

SETTING THE TV CLOCK USING THE TIMER CONTROL

Your television comes with an onscreen clock. During normal operation, the clock appears on the screen when the *STATUS/EXIT* button is pressed or if the *Timer Display* control is turned On.

- 1** Press the **MENU** button on the remote to show the onscreen menu.
- 2** Press the **CURSOR UP** \blacktriangleright or **DOWN** \blacksquare buttons to scroll through the onscreen menu until the word **Features** is highlighted.
- 3** Press the **CURSOR RIGHT** \blacktriangleright button to display the **Features** menu.
- 4** Press the **CURSOR RIGHT** \blacktriangleright or **CURSOR LEFT** \blacktriangleleft button to display the **Timer** menu.
- 5** Enter the correct time by using the **Numbered** buttons.
- 6** Press the **CURSOR RIGHT** \blacktriangleright or **CURSOR LEFT** \blacktriangleleft buttons to change the **AM** or **PM** setting.
- 7** When finished, press the **STATUS /EXIT** button to remove the onscreen menu from the TV's screen.



HELPFUL HINTS

Remember, be sure to press "0" and then the hour number for single digit entries.

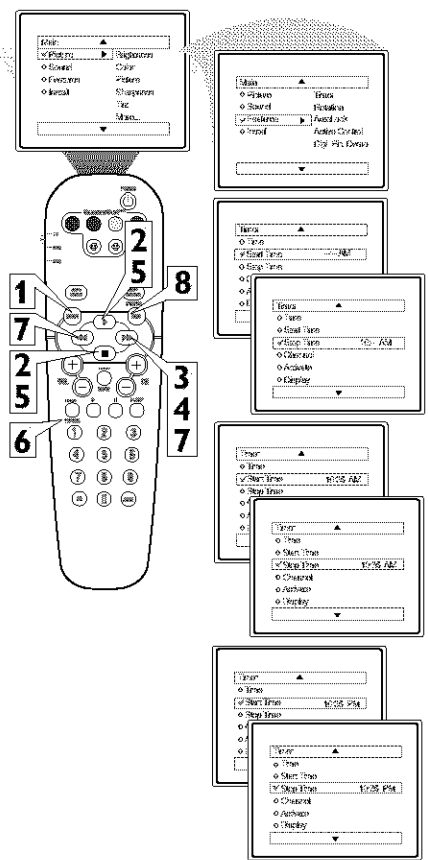
You can get to the Clock setting by pressing the Clock button on the remote control.

The TV's clock settings may be lost when the TV is unplugged or when AC power to the set is interrupted.

10 SETTING TV TO TURN ON OR OFF USING START OR STOP CONTROLS

You can set your TV to turn itself on or off. You can set the TV to turn itself On or Off once or at the same time everyday. Follow the steps below to set the Start and Stop Time.

- 1** Press the MENU button on the remote to show the onscreen menu.
- 2** Press the CURSOR UP **▶** or DOWN **■** buttons to scroll through the onscreen menu until the word Features is highlighted.
- 3** Press the CURSOR RIGHT **▶▶** button to display the Features menu.
- 4** Press the CURSOR RIGHT **▶▶** button to display the Timer menu.
- 5** Press the CURSOR UP **▶** or DOWN **■** buttons to scroll through the Timer menu until Start Time or Stop Time is highlighted.
- 6** Enter the correct time by using the Numbered buttons.
- 7** Press the CURSOR RIGHT **▶▶** or CURSOR LEFT **◀◀** buttons to change the AM or PM setting.
- 8** When finished, press the STATUS /EXIT button to remove the onscreen menu from the TV's screen.



NOTE: The Activate Control must be set to Once or Daily for the television to turn On or Off at the specified time. See panel 12 for more details.

HELPFUL HINTS








Remember, be sure to press "0" and then the hour number for single digit entries.

You can get to the Clock setting by pressing the Clock button on the remote control.

The TV's clock settings may be lost when the TV is unplugged or when AC power to the set is interrupted.

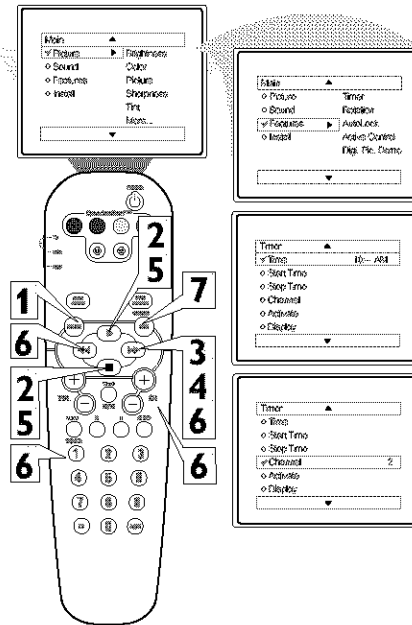
SETTING TV TO STARTUP ON A SPECIFIC CHANNEL

You can select a specific channel that the television will tune to when the timer turns the set On. Follow these steps to select the channel.

- 1** Press the **MENU** button on the remote to show the onscreen menu.
- 2** Press the **CURSOR UP** or **DOWN**  buttons to scroll through the onscreen menu until the word **Features** is highlighted.
- 3** Press the **CURSOR RIGHT**  button to display the **Features** menu.
- 4** With **Timer** selected, press the **CURSOR RIGHT**  button to display the **Timer** menu.
- 5** Press the **CURSOR UP**  or **DOWN**  buttons to scroll through the **Timer** menu until **Channel** is highlighted.
- 6** Press the **Numbered** buttons to enter the desired start-up channel. Or, press the **CURSOR RIGHT**  or **CURSOR LEFT**  buttons or the **CH+** or **CH-** buttons repeatedly to enter the start-up channel you want.

NOTE: The **Activate Control** must be set to **Once** or **Daily** for this Channel control to take effect.

- 7** When finished, press the **STATUS /EXIT** button to remove the onscreen menu from the TV's screen.



HELPFUL HINTS

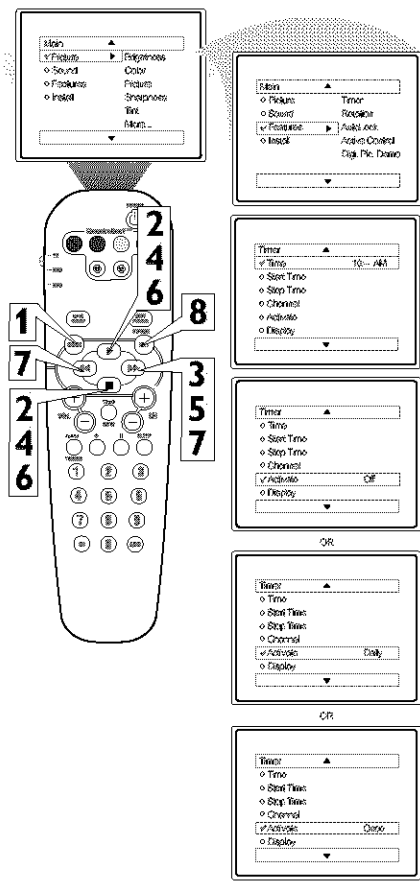
Remember, be sure to press "0" and then the hour number for single digit entries.

You can get to the **Clock** setting by pressing the **Clock** button on the remote control.

The TV's clock settings may be lost when the TV is unplugged or when AC power to the set is interrupted.

After you have set the Time, Start Time, Stop Time, and Start Channel, the timer must be set to come on Once or Daily, or turned Off through the Activate control.

- 1** Press the **MENU** button on the remote to show the onscreen menu.
- 2** Press the **CURSOR UP** or **DOWN** buttons to scroll through the onscreen menu until the word **Features** is highlighted.
- 3** Press the **CURSOR RIGHT** button to display the **Features** menu.
- 4** Press the **CURSOR UP** or **DOWN** buttons to scroll through the onscreen menu until the word **Timer** is highlighted.
- 5** Press the **CURSOR RIGHT** button to display the **Timer** menu.
- 6** Press the **CURSOR UP** or **DOWN** buttons to highlight the **Activate Control**.
- 7** Press the **CURSOR RIGHT** or **LEFT** buttons repeatedly to select **Once**, **Daily**, or **Off**.
- 8** When finished, press the **STATUS /EXIT** button to remove the onscreen menu from the TV's screen.



HELPFUL HINTS

Remember, before setting the Timer controls, the TV's clock must be set to the correct time, see panel 18 for details.

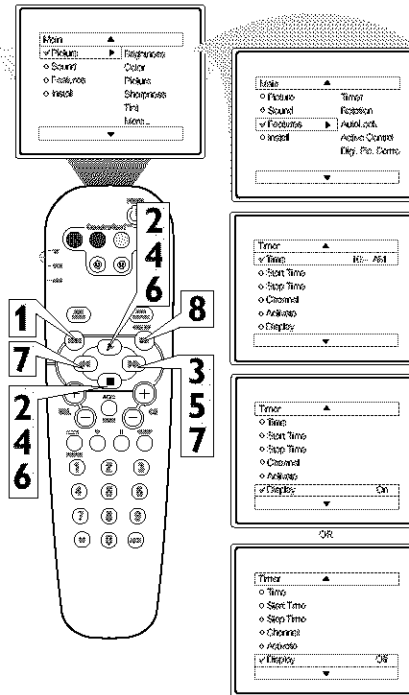
The TV's clock settings may be lost when the TV is unplugged or when AC power to the set is interrupted.

You can get to the Clock setting by pressing the Clock button on the remote control.

13 HOW TO VIEW TIME USING THE DISPLAY CONTROL








After the TV's clock has been set, you can use your TV as a clock. The Display control allows you to permanently display the time in the upper right corner of the screen.

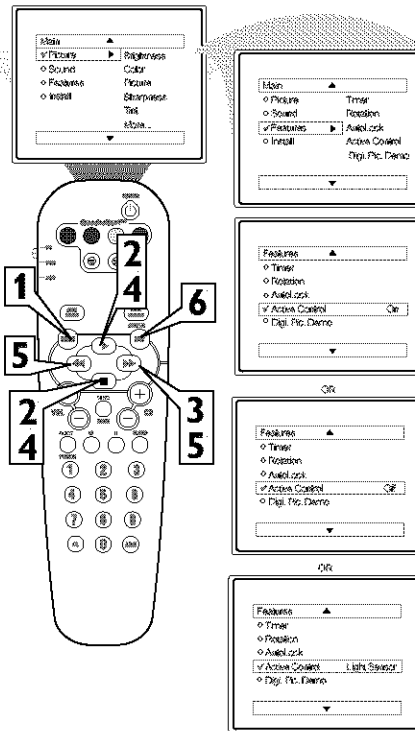
- 1** Press the **MENU** button on the remote to show the onscreen menu.
- 2** Press the **CURSOR UP** **▶** or **DOWN** **■** buttons to scroll through the onscreen menu until the word **Features** is highlighted.
- 3** Press the **CURSOR RIGHT** **▶▶** button to display the Features menu.
- 4** Press the **CURSOR UP** **▶** or **DOWN** **■** buttons to scroll through the onscreen menu until the word **Timer** is highlighted.
- 5** With **Timer** highlighted, press the **CURSOR RIGHT** **▶▶** button to display the Timer menu.
- 6** Press the **CURSOR UP** **▶** or **DOWN** **■** buttons to highlight the **Display Control**.
- 7** Press the **CURSOR RIGHT** **▶▶** or **CURSOR LEFT** **◀◀** buttons repeatedly to select **On** or **Off**.
- 8** When finished, press the **STATUS /EXIT** button to remove the onscreen menu from the TV's screen.



The Active Control monitors and adjusts incoming video signals to help provide the best picture quality.

When you choose to turn the Active Control On, the picture sharpness and noise reduction are controlled automatically. Active Control adjusts these picture settings continuously and automatically.

- 1** Press the **MENU** button on the remote to show the onscreen menu.
- 2** Press the **CURSOR UP**  or **DOWN**  buttons to scroll through the onscreen menu until the word **Features** is highlighted.
- 3** Press the **CURSOR RIGHT**  button to display the **Features** menu.
- 4** Press the **CURSOR UP**  or **DOWN**  buttons to repeatedly until **Active Control** is highlighted.
- 5** Press the **CURSOR RIGHT**  or **CURSOR LEFT**  buttons to toggle the Active Control to On, Off, or Light Sensor.
- 6** When finished, press the **STATUS/EXIT** button to remove the onscreen menu from the TV's screen.



The AutoLock™ feature is an integrated circuit that receives and processes data sent by broadcasters, or other program providers, that contain program content advisories. When programmed by the viewer, a TV with AutoLock™ can respond to the content advisories and block program content that may be found objectionable (such as offensive language, violence, sexual situations, etc.). This is a great feature to censor the type of viewing children may watch.

AutoLock™ offers various BLOCKING controls from which to choose:

Access Code - An Access Code must be set to prevent children from unblocking questionable or censored programming set by their parents.

Channel Block - After an access code has been programmed, you can block individual channels including the A/V inputs.

Clear All - Allows you clear all channels being blocked from your viewing set with the Channel Block Control.

Block All - Allows you to block ALL channels and A/V inputs at one time.

Movie Ratings - Certain blocking options exist which will block programming based on ratings patterned by the Motion Pictures Association of America.

TV Ratings - Just like the Movie Ratings, programs can be blocked from viewing using standard TV ratings set by TV broadcasters.

MOVIE RATINGS

G: General Audience - All ages admitted. Most parents would find this program suitable for all ages.

PG: Parental Guidance Suggested - This programming contains material that parents may find unsuitable for younger children.

PG-13: Parents Strongly Cautioned - This programming contains material that parents may find unsuitable for children under the age of 13.

MOVIE RATINGS Continued

R: Restricted - This is programming is specifically designed for adults. Anyone under the age of 17 should only view this programming with an accompanying parent or adult guardian.

NC-17: No one under the age of 17 will be admitted. - This type of programming should be viewed by adults only.

X: Adults Only - This type of programming contains one or more of the following: very graphic violence, very graphic and explicit or indecent sexual acts, very coarse and intensely suggestive language.

TV RATINGS

TV-Y -- Designed for a very young audience, including children ages 2-6.

TV-Y7 -- It may be appropriate for children age 7 and above who have acquired the development skills needed to distinguish between make-believe and reality.

TV-G -- Suitable for most audiences, this type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

TV-PG -- This program contains material that parents may find unsuitable for younger children. Could contain Moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).

TV-14 -- This program contains some material that many parents would find unsuitable for children under 14 years of age. This type of programming contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).

TV-MA -- This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17. This type of programming contains one or more of the following: graphic violence (V), explicit sexual situations (S), or crude indecent language (L).

16

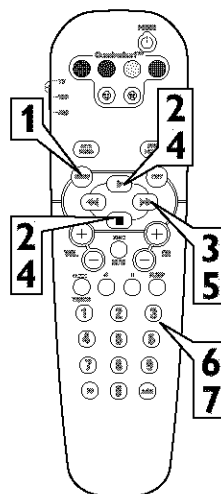
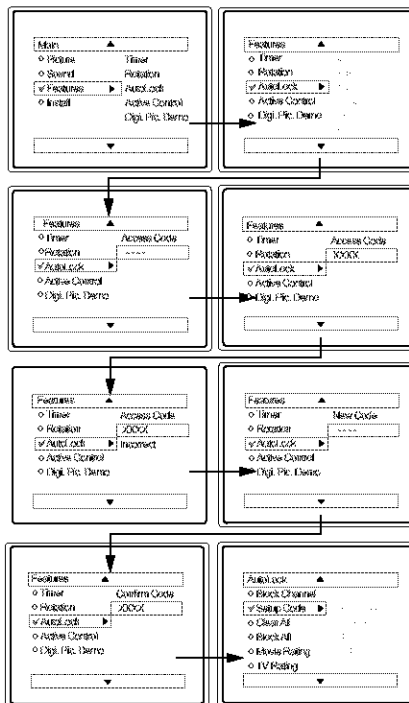
SETTING UP AN ACCESS CODE

Over the next few panels you'll learn how to block channels and get a better understanding of the rating terms for certain programming.

First, let's start by learning how to set a personal access code:

- 1** Press the MENU button on the remote to display the onscreen menu.
- 2** Press the CURSOR UP \blacktriangleright or DOWN \blacksquare buttons until the word Features is highlighted.
- 3** Press the CURSOR RIGHT \blacktriangleright button to display the Features menu options.
- 4** Press the CURSOR UP \blacktriangleright or DOWN \blacksquare buttons until the words Auto Lock™ are highlighted.
- 5** Press the CURSOR RIGHT \blacktriangleright button. The screen will read, "Access Code - - - -."
- 6** Using the NUMBERED buttons, enter 0, 7, 1, 1. "XXXX" appears on the Access Code screen as you press the numbered buttons. "Incorrect Code" will appear on the screen, and you will need to enter 0, 7, 1, 1 again.
- 7** The screen will ask you to enter a "New Code." Enter a "new" 4 digit code using the NUMBERED buttons. The screen will then ask you to CONFIRM the code you just entered. Enter your new code again. "XXXX" will appear when you enter your new code and then display the AutoLock™ menu options.




Proceed to the next panel to learn more...



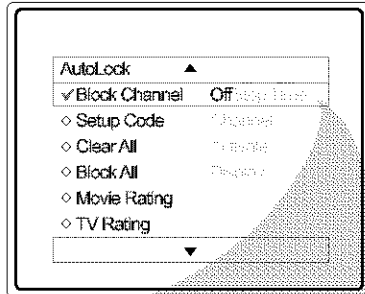
17

BLOCK CHANNELS

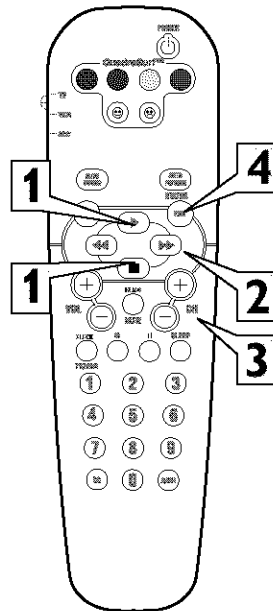
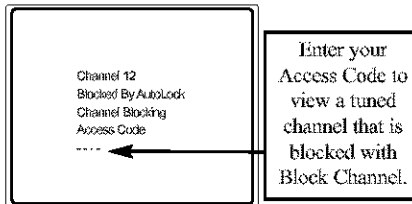
After your personal access code has been set (see previous page), you are now ready to select the channels or the A/V Inputs you want to block out or censor. Once you've entered your access code and the AutoLock™ features are displayed on the screen:

- 1** Press the **CURSOR UP**  or **DOWN**  buttons until the words **Block Channel** are highlighted.
- 2** Press the **CURSOR RIGHT**  button to turn blocking ON or OFF for that channel. When ON is selected the channel will be blocked.
- 3** Press the **CH +** or **CH -** button to select other channels you wish to block. Repeat steps 2-3 to block the new channel.
- 4** When finished, press the **STATUS/EXIT** button to remove the menu from the screen.

NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.






Block Channel On




18 BLOCK/CLEAR ALL CHANNELS AT THE SAME TIME

After blocking specific channels there may come a time when you want to block or clear all the channels at the same time. Once you've entered your access code and the AutoLock™ features are displayed on the screen:

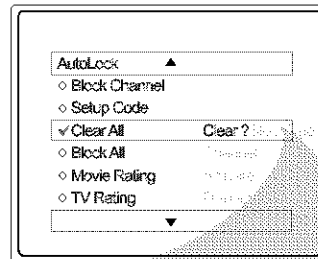
1 Press the **CURSOR UP**  or **DOWN**  buttons to select either Clear All or Block All.

2 If **Clear All** is selected, press the **CURSOR RIGHT**  button to clear all blocked channels. All channels will be viewable.

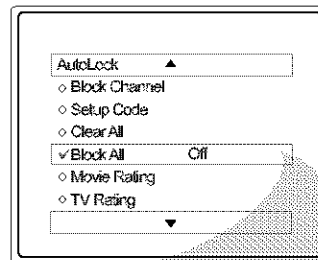
If **Block All** is selected, press the **CURSOR RIGHT**  button to turn the control On or Off. When On is selected, ALL available channels will be blocked from viewing.

3 When finished, press the **STATUS/EXIT** button to remove the menu from the screen.

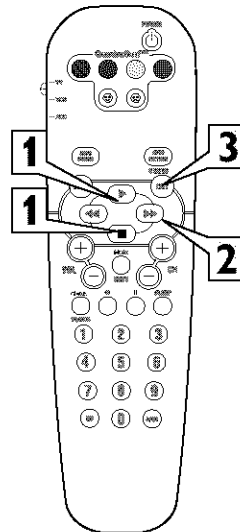
NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.









✓ Clear All Cleared



✓ Block All On

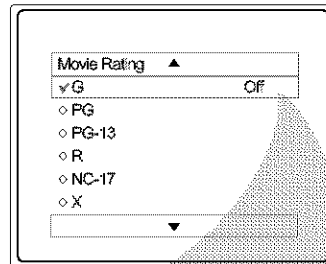
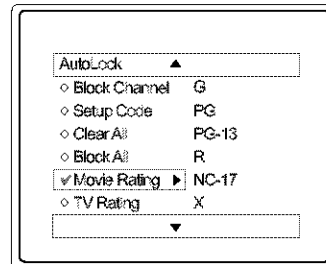


The AutoLock™ feature can block programming based on the Movie Industry ratings. Once you've entered your access code and the AutoLock™ features are displayed on the screen:

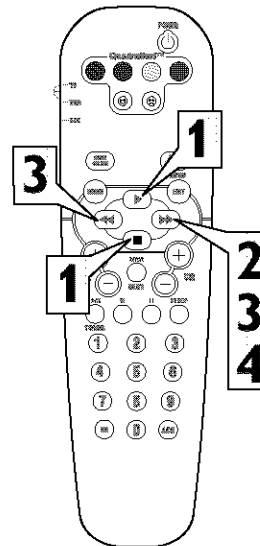
- 1 Press the **CURSOR UP**  or **DOWN**  buttons to highlight the words Movie Rating.
- 2 Press the **CURSOR RIGHT**  button to display the Movie Rating options (G, PG, PG-13, R, NC17, or X).
- 3 Press the **CURSOR RIGHT**  or **CURSOR LEFT**  buttons to highlight any of the Movie Rating options. When highlighted, all these options can be turned **On** (which will allow blocking) or **Off** (which will allow viewing).
- 4 Use the **CURSOR RIGHT**  button on the remote to turn the rating option On or Off.

When a rating level is chosen to be blocked, any higher level rating will also be blocked from viewing. (i.e.: If "R" is selected to be blocked, NC-17 and X will automatically be blocked.)

NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.








▼ G On








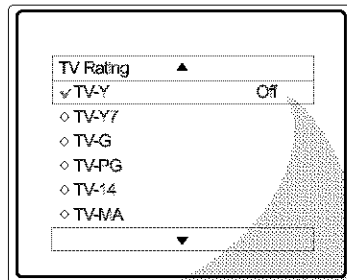
The AutoLock™ feature can block programming based on the TV Industry ratings.

Once you've entered your access code and the AutoLock™ features are displayed on the screen:

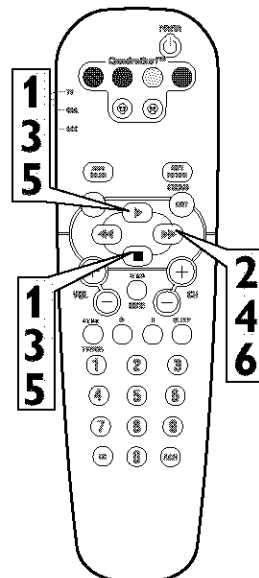
- 1** Press the **CURSOR UP**  or **DOWN**  buttons to highlight the words TV Rating.
- 2** Press the **CURSOR RIGHT**  button to display the TV Rating options (TV-Y, TV-Y7, TV-G, TV-PG, TV-14, or TV-MA).
- 3** Press the **CURSOR UP**  or **DOWN**  buttons to highlight any of the TV Rating options. When highlighted, all these options can be turned **On** (which will allow blocking) or **Off** (which will allow viewing).

NOTE: Some TV RATING options also have sub-ratings. The ratings of TV-Y7, TV-PG, TV-14, TV-MA can be customized to block V (violence), FV (fantasy violence), S (sexual situations), L (coarse language), or D (suggestive dialogue).

- 4** Press the **CURSOR RIGHT**  button on the remote to turn the TV-Y or TV-G rating On or Off. Or, press the **CURSOR RIGHT**  button to enter the sub-menus for the TV-Y7, TV-PG, TV-14 or TV-MA ratings.
- 5** If the TV-Y7, TV-PG, TV-14 or TV-MA sub-menu is accessed, press the **CURSOR UP**  or **DOWN**  buttons to select one of the options (Block All, V, S, L, D, or FV).
- 6** Press the **CURSOR RIGHT**  button on the remote to turn the option ON or OFF.



✓ TV-Y	On
✓ TV-Y7	▶ Block All, FV
✓ TV-G	Off
✓ TV-PG	▶ Block All, V, S, L, D
✓ TV-14	▶ Block All, V, S, L, D
✓ TV-MA	▶ Block All, V, S, L




21

BLOCKING OPTIONS

AutoLock™ offers the viewer other blocking features as well. With these Blocking Options, the censoring can be turned ON or OFF. Once you've entered your access code and the AutoLock™ features are displayed on the screen:

1 Press the **CURSOR UP**  or **DOWN**  buttons until the words **Block Options** are highlighted.



2 Press the **CURSOR RIGHT**  button to display the **Blocking Options (Blocking, Unrated, or No Rating)** menu.

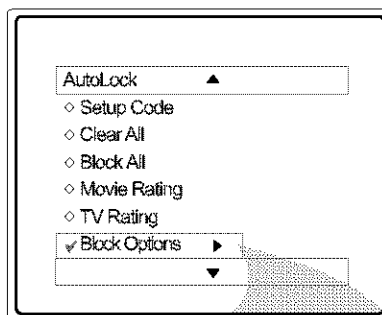
Blocking: Might be called the "master switch" for AutoLock™. When On, ALL blocking/censoring will take place. When Off, ALL blocking is disabled.

Unrated: ALL unrated programs based on the Movie Ratings or Parental (TV) Guidelines can be blocked if this feature is set to On and the Blocking feature is set to OFF.

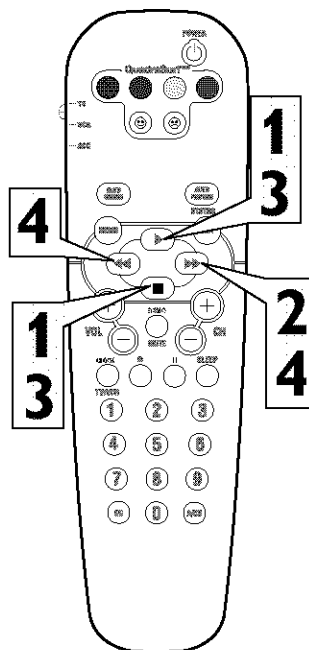
No Rating: ALL programming with NO content advisory data can be blocked if set to On and the Blocking feature is set to OFF.

3 Press the **CURSOR UP**  or **DOWN**  buttons to highlight the desired feature.

4 When highlighted, each feature can be turned **On** or **Off** using the **CURSOR RIGHT**  or **CURSOR LEFT**  buttons on the remote.



✓ Blocking	On
✓ Unrated	On
✓ No Rating	On

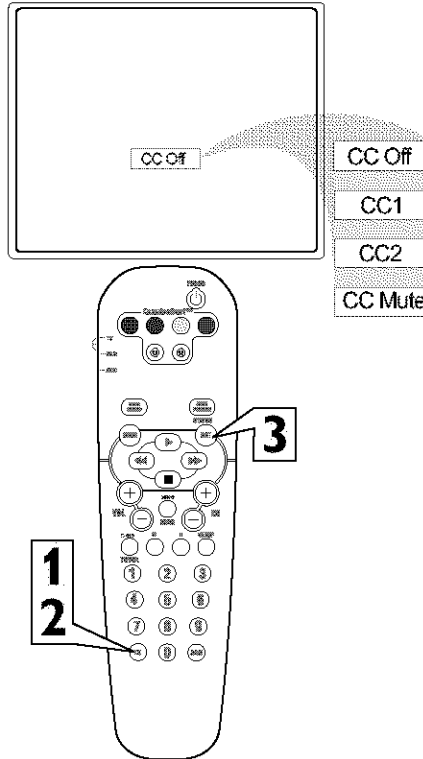


22

CLOSED CAPTIONING

*C*losed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses onscreen "text boxes" to show dialogue and conversations while the TV program is in progress.

- 1** Press the CC button on the remote to display the current Closed Caption setting.
- 2** Press the CC button repeatedly to choose from the four Closed Caption options (CC Off, CC1, CC2, CC Mute).
- 3** When finished, press the STATUS /EXIT button to remove the menu from the TV's screen.



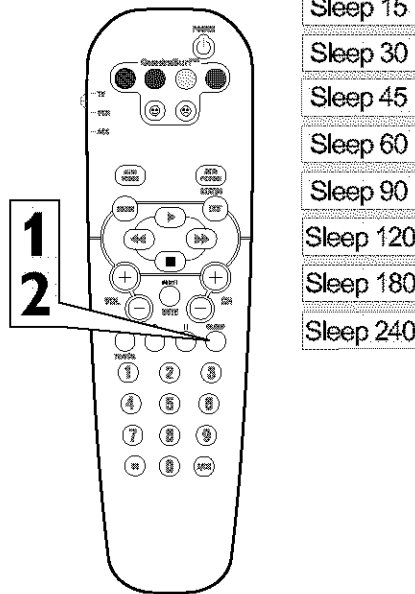
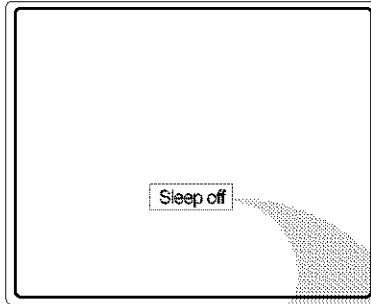
23

SLEEPTIMER

Your TV can be set to automatically turn itself off at a given amount of time.

- 1** Press the **SLEEP** button on the remote control and the **SLEEP** timer display will appear on the screen.
- 2** Press the **SLEEP** button repeatedly to pick the amount of time (15, 30, 45, 60, 90, 120, 180, or 240 minutes) before the TV will turn itself off.

NOTE: An onscreen count down will appear during the last minute before the TV shuts itself off. If any button is pressed during the last minute of the countdown, the Sleep timer setting will be cancelled.



Whether you're watching a movie or a sporting event, your TV has automatic video control settings matched for your current program source or content.

1 Press the **AUTO PICTURE** button on the remote control. The current Auto Picture setting will be displayed on the screen.

2 Press the **AUTO PICTURE** button repeatedly to select either Personal, Movies, Sports, Weak Signal, or MULTIMEDIA picture settings.

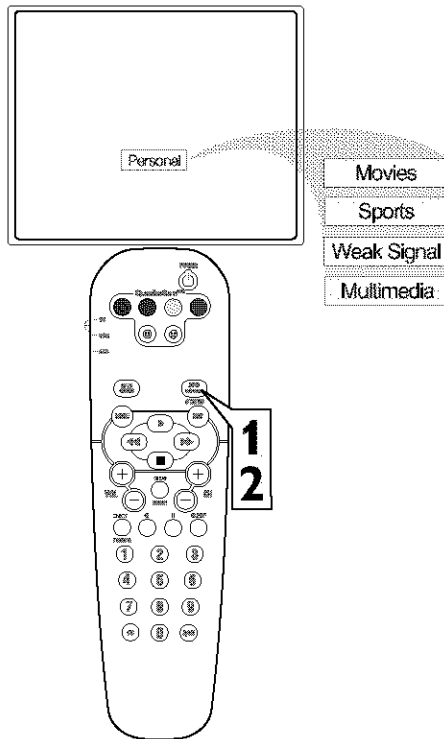
NOTE: The way you choose to set the Picture Menu Controls will become your Personal setting.

MOVIES - Preset picture options for watching Video Tapes, or DVDs.

SPORTS - Preset picture options for watching sporting events.

WEAK SIGNAL - Preset picture options for watching programs where the reception is not at its best.

MULTIMEDIA - Preset picture options for use with video gaming.



25

AUTO SOUND

The Auto Sound feature allows the listener to select between four different factory set sound options.

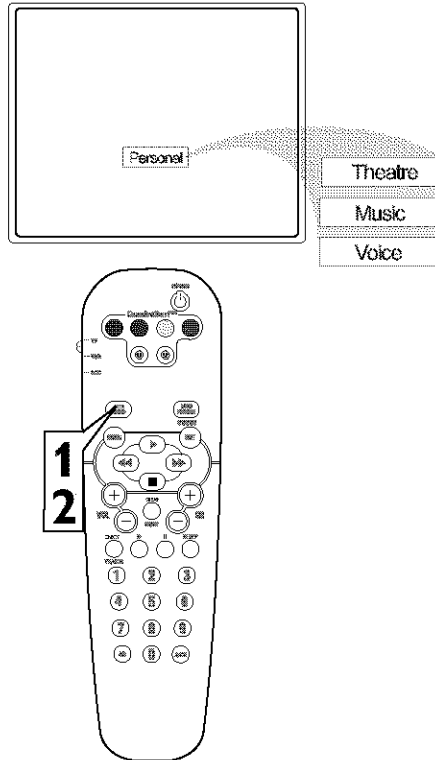
- 1** Press the **AUTO SOUND** button on the remote control. The current Auto Sound setting will appear in the middle of the screen.
- 2** Press the **AUTO SOUND** button repeatedly to toggle between the four settings. (Personal, Theatre, Music, or Voice)

NOTE: The way you choose to set the Sound Menu Controls will become your Personal setting.

Theatre - Preset sound options for watching movies. Dynamic Ultra Bass is included in this option.

Music - Preset sound options for musical programming where there is little dialogue. Dynamic Ultra Bass is included in this option.

Voice - Preset sound options for programming where heavy dialogue is present.



The QuadraSurf™ control allows you set up four different personal channel Surf lists using the colored buttons (on the remote control), each holding up to ten channels in its quick viewing "list."

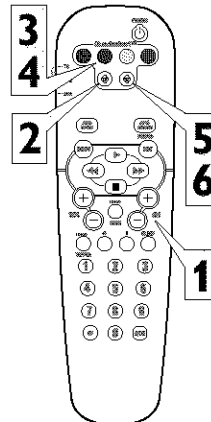
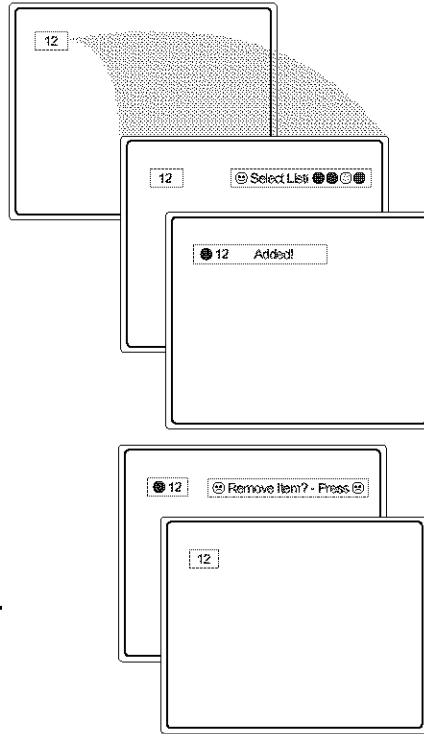
- 1** Press the CHANNEL (+) or (-) buttons (or the NUMBER buttons) to select a channel to add to one of the SURF lists.
- 2** Press the SMILEY ☺ button on the remote control to ADD the channel to one of the SURF lists.
- 3** Press the corresponding COLORED (Red, Green, Yellow or Blue) button to add the channel to that button's Surf list. (Up to ten channels per button can be stored.)

Repeat steps 1 through 3 to add additional channels (up to 10) to each of the SURF lists.

To remove a channel from one of the SURF lists;

- 4** Press the COLORED Quadra Surf button until the desired channel appears. The screen will display the channel number with a colored "Smiley" face to indicate the Colored button it relates to.
- 5** While the "Smiley" face channel indicator is displayed, press the FROWNIE ☹ face button. The screen will read, "Remove item? - Press ☹."
- 6** Press the FROWNIE ☹ face button again to confirm your decision to remove the channel from the Surf list.

Repeat steps 4-6 to remove other channels from Surf lists.



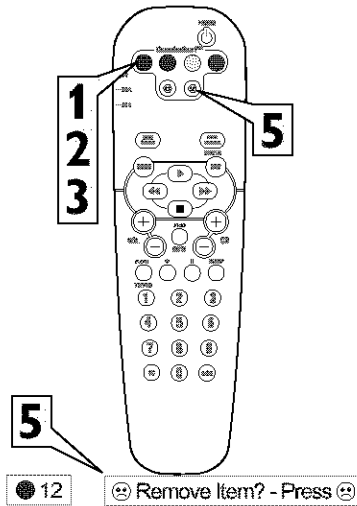
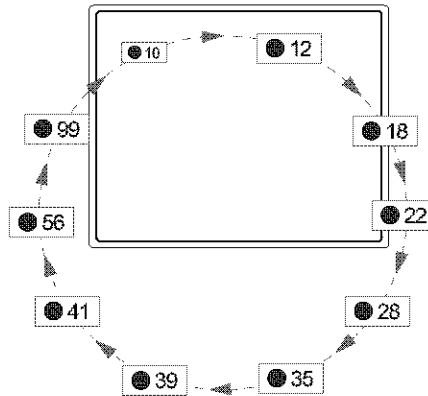
The Quadra Surf buttons on your remote control allow you to store up to 10 channels per button (40 total). You can even program the A/V Input channels for each button making them a "source" button.

Assuming channels have now been added to the four Quadra Surf lists (the four colored buttons, see the previous page), let's review how the feature works.

- 1** Press one of the pre-programmed COLORED buttons on the remote (Red, Green, Yellow or Blue). The screen will display a smiley face with the first programmed channel for that surf list.
- 2** While the colored "smiley" face still appears on the screen, press the same COLORED button on the remote to tune the second channel programmed for that specific surf list.
- 3** Repeatedly pressing the same COLORED button while the "smiley" face appears will tune all the programmed channels. Pressing the COLORED button again will return you to the first channel in the list.

If the "smiley" face disappears from the screen and the same COLORED button is pressed, the surf channels will be displayed starting with the FIRST programmed channel again.

- 4** Repeat steps 1-3 for the other three COLORED buttons (Surf lists) if desired.
- 5** Any time the "smiley" face appears with the channel number, pressing the "frownie" face button will allow you to remove it from the list (see the previous page for more details).



28 REMOTE USE - CODE ENTRY FOR ACCESSORIES

If your remote control will not operate your accessory devices, look up the four-digit code listed by your brand on panels 30-32.

Please read through steps 1-5 before beginning.

- 1** Place the TV/VCR/ACC Mode Switch in the proper position.
- 2** Press the VCR • RECORD button on the remote control and release.
- 3** Press the AUTO SOUND button on the remote within 30 seconds, then release.
- 4** Enter the FOUR-DIGIT REMOTE CODE NUMBER for your desired device. The remote is now ready to send commands to the unit.
- 5** Point the remote at the Device. Press the POWER button on the remote to turn the unit ON.

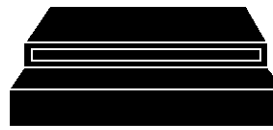
If this doesn't work the first time, repeat the steps using another remote code number.



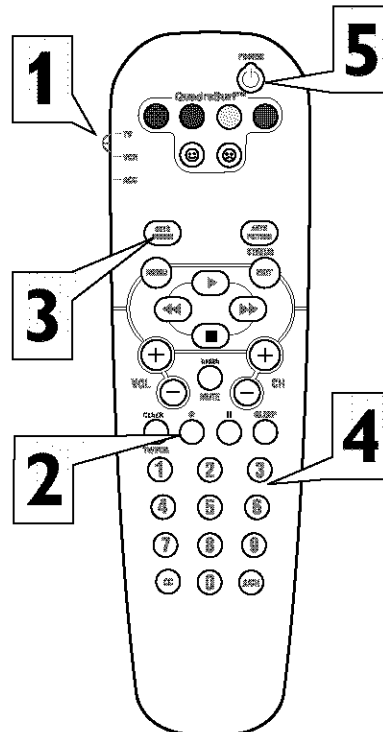
VCR



Cable Box



DBS or other Accessory Device



29 REMOTE USE - SEARCH METHOD FOR ACCESSORIES

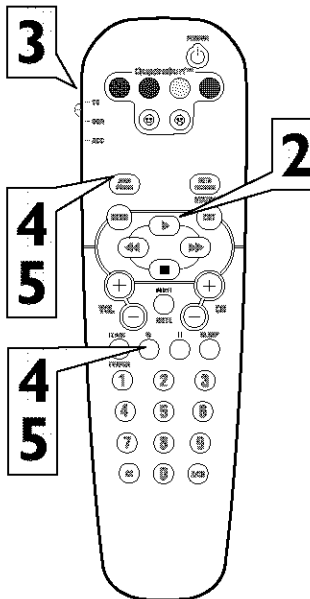
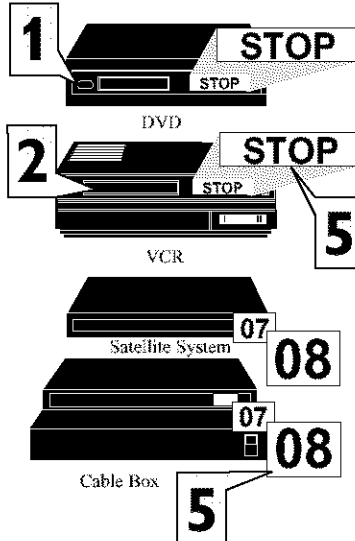
The Search Method of programming your remote can take as long as 12 minutes to perform so we recommend you use it as a last resort.

Please read all the steps below before beginning.

- 1** Press the **POWER** button on the device your are attempting to program to turn it ON.
- 2** If programming a VCR or DVD type product that has a **STOP** play command, place a VCR Tape or DVD disc into the device. Press the **PLAY** button.
- 3** Place the **TV/VCR/ACC Mode Switch** in the proper position. VCR for programming Video Cassette Recorders or ACC for all other accessory devices.
- 4** Press the **VCR • RECORD** and the **AUTO SOUND** buttons **simultaneously** and hold them down.

As you continue to hold down buttons, the remote will run through its programmed code list with a command for the VCR or DVD to **STOP** play. Or, for Cable Boxes and Satellite Receivers the command will be to **CHANGE CHANNELS**.

- 5** When the **STOP** command happens **release the two buttons**. Or for Cable Boxes and Satellite Receivers, as soon as the channel changes **ONCE, IMMEDIATELY** release the two buttons.



VCR CODES

Admiral2027, 2052
 Aiwa ..2001, 2017, 2062, 2070, 2072
 Akai ..2021, 2029, 2038, 2060, 2063
 Audiovox2017
 Blaupunkt ..2003, 2005, 2010, 2014,
 .2041, 2042, 2048, 2054, 2055, 2075
 Broksonic2002, 2040,
2046, 2052, 2078
 Craig ..2017, 2026, 2034, 2057, 2058
 Curtis Mathes 2015, 2021, 2032, 2042
 Daewoo 2011, 2024, 2025, 2059, 2083
 Denon2022
 Dumont2001, 2035, 2037
 Dynatech2001
 Electrohome2017
 Emerson 2001, 2002, 2017,
 2023,2040, .2046, 2051, 2052, 2059,
 2078, 2083
 Fisher2025, 2026, 2030, 2037
 Funai2001
 GE2015, 2027, 2032, 2057
 Go Video2077, 2081
 Goldstar ...2017, 2018, 2053, 2079
 Granada2025, 2035, 2037
 Grundig2003, 2005, 2007,
2010, 2034, 2035, 2048,
2050, 2054, 2069, 2071, 2075
 Harley Davidson2001
 Harman/Kardon2018, 2035
 Hitachi2001, 2004,
2021, 2022, 2043, 2057
 Hughes Network Systems2022
 Jensen2021
 JVC2008, 2021,
2033, 2049, 2050, 2074, 2080
 Kenwood2018, 2021, 2033
 KLH2034
 Kodak2015, 2017
 LG2079
 Lloyd's2001, 2051
 Loewe2004, 2005, 2017, 2035
 LXI2017
 Magnavox ..2001, 2015, 2019, 2035

VCR CODES

Marantz2003, 2005, 2015, 2035
 Matsushita2015, 2042, 2055
 Memorex ..2001, 2015, 2017, 2019,
2025, 2026, 2027, 2037, 2052,
2057, 2062, 2085, 2087, 2088
 MGA2023, 2057
 Minolta2022
 Mitsubishi2023, 2027,
2033, 2035, 2045
 Motorola2015, 2027
 NEC ..2018, 2020, 2021, 2033, 2037
 Nikon2014
 Nokia2025, 2037, 2038, 2057
 Nokia 2021, 2025, 2037, 2038, 2057
 Olympus2015, 2054
 Optimus ...2017, 2027, 2031, 2037,
2042, 2077, 2086, 2087, 2088
 Orion2002, 2004, 2016, 2036,
2046, 2052, 2070, 2072, 2078
 Panasonic2015, 2042, 2053,
2054, 2055, 2087
 Philco2015, 2018, 2052, 2078
 Philips 2015, 2035 (DEFAULT VCR),
2074, 2075
 Pioneer2031, 2033, 2035
 Portland2011
 Proscan2032
 Protec2034
 Quasar2015, 2042, 2087
 Radio Shack2001, 2085
 RCA ..2015, 2022, 2027, 2032, 2038,
 2057
 Realistic2001, 2015, 2017,
2025, 2026, 2027, 2037
 Ricoh2014
 Runco2019
 Samsung ...2024, 2057, 2076, 2077
 Sansui2001, 2021, 2033,
2052, 2058, 2078
 Sanyo2025, 2026, 2037, 2057
 Scott2023, 2024, 2040, 2046
 Sears2001, 2015, 2017,
2022, 2025, 2026, 2037

VCR CODES

Sears2001, 2015, 2017,
2022, 2025, 2026, 2037Sharp
2027, 2073
 Shintom2034, 2037
 Sony2001, 2012, 2013, 2014, 2015
 Sylvania2001, 2015, 2023, 2035
 Symphonic2001
 Teac2001, 2021
 Technics2015, 2042, 2054
 Teknika2001, 2015, 2007, 2017
 Thomson2021, 2064, 2074
 Toshiba 2021, 2023, 2024, 2035, 2074
 Victor2008, 2021, 2033
 Video Concepts2020, 2024
 Wards2001, 2015, 2022, 2026,
2027, 2032, 2034, 2035, 2057
 White Westinghouse2052, 2059
 Yamaha2018
 Zenith ..2001, 2014, 2019, 2052, 2078

DIGITAL VIDEO DISC CODES

Akai5316
 Harman/Kardon5314
 JVC5311, 5318
 Kenwood5307
 Magnavox5302
 Mitsubishi5303
 Onkyo5302, 5317, 5319
 Panasonic5301, 5322
 Philips .5302, 5308 (DEFAULT DVD)
 Pioneer5305, 5312, 5321
 Proscan5304
 RCA5304
 Samsung5313
 Sharp5320
 Sony5306
 Technics5301
 Thomson5310
 Toshiba5302
 Yamaha5301, 5309

CABLE CODES

ABC3002, 3003, 3004, 3006, 3008
 Bell & Howell3006
 Cabletime3016, 3019, 3025, 3029
 Decsat3027
3007
 General Instrument3004, 3020,
3031, 3046
 Goldstar3014, 3047
 Grundig3035
 Hitachi3004
 Jasco3007
 Jerrold3002, 3004, 3005, 3006,
3007, 3020, 3031, 3046
 LG Alps3044
 Memorex3001
 Oak3009
 Pacific3039
 Panasonic3001, 3013
 Paragon3001
 Pioneer3014, 3036
 Pulsar3001
 Quasar3001
 Radio Shack3007
 Rembrandt3004
 Runco3001
 Samsung3014, 3040
 Satbox3024
 Scientific3003, 3032, 3049
 Scientific Atlanta3003, 3008, 3021
 Signal3007
 Signature3004
 Starcom3002, 3007
 Stargate3007
 Starquest3007
 STS3015
 Tusa3007
 United Cable3002
 Videoway3017
 Zenith3001, 3034

SATELLITE CODES

Amstrad4003, 4016, 4025,
4038, 4039, 4042
 Armstrong4015
 AST4027
 Astro4008, 4039, 4045
 Avalon4031
 Axis4030, 4046
 Best4030
 Blaupunkt4008
 Brain Wave4022
 Bush4002
 Cambridge4024
 Channel Master4029
 Comlink4019
 Echostar4031, 4036, 4061
 Ferguson4002, 4009, 4010, 4023
 Fidelity4016
 General Instrument4012
 Grundig4008, 4010, 4048
 G-sat4009
 Hirschmann4008, 4032, 4039,
4040, 4049
 Hitachi4037
 Houston4053
 Intervision4050
 ITT4005
 JVC4048
 Lennox4050
 Luxor4005, 4049
 Manhattan4037, 4045, 4050
 Marantz4011
 Maspro4004, 4023
 Matsui4024, 4048
 Neusat4057
 Newhaus4013
 Nokia4005, 4032, 4037,
4049, 4054, 4063
 Pace4002, 4009, 4014, 4023,
4037, 4055, 4058

SATELLITE CODES

Philips4007, 4011, 4020,
4037, 4048, 4059
 Pioneer4021, 4059
 Planet4061
 Promax4037
 Prosat4019
 Quadral4029, 4044
 Sabre4037
 SAT4027, 4038
 Satcom4026, 4051
 SEG4030, 4034
 Siemens4008
 Skymaster4019, 4044, 4051
 Sony4017, 4018
 Sunstar4043
 Telefunken4034
 Telesat4051
 Thomson4037, 4059
 Triad4027
 Triasat4040
 Universum4008, 4049
 Ventana4011
 Vortec4034
 Vtech4027
 Xcom Multimedia4065
 Xsat4006, 4065

No Power

- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the POWER button again.
- Check that the outlet is not on a wall switch.
- Be sure the fuse is not blown on the AC power strip, if one is being used.

No Picture

- Check antenna connections. Are they properly secured to the TV's ANT 75Ω plug?
- Check the TUNER MODE control for the correct tuner setting.
- Try running the Auto Program feature to find all available channels.
- Press the AV button on the remote to make sure the correct signal source is selected (FRONT or Current Channel).

No Sound

- Check the VOLUME buttons.
- Check the MUTE button on the remote control.
- If you're attempting to hook up auxiliary equipment, check the audio jack connections located on the front of the TV.

Remote Does Not Work

- Check the batteries. If necessary, replace them with AA Heavy Duty (Zinc Chloride) or Alkaline batteries.
- Clean the remote control and the remote control sensor window on the TV.
- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the POWER button again.
- Be sure the fuse is not blown on the AC power strip, if one is being used.
- Check to be sure the TV outlet is not on a wall switch.

TV Displays Wrong Channel or No Channels Above 13

- Repeat channel selection.
- Add the desired channel numbers (using the CHANNEL EDIT control) into the TV's memory.
- Check to be sure the TUNER MODES are set to the CABLE option and run the Auto Program feature to find all available channels.

WARNING Concerning Stationary Images on the TV Screen:

Do not leave stationary or letter-box images on screen for extended periods of time. This can cause uneven picture-tube aging.

Normal use of the TV should involve the showing of pictures that contain constantly moving and changing images that fill the screen. Be careful not to leave nonmoving images on screen for extended periods of time, or to display the same images on screen too frequently, because subtle ghost images can be left on the picture tubes. Sources of stationary images may be DVD disks, laser disks, video games, CD-i disks, videotapes, digital television boxes, broadcast channels, cable channels, satellite channels, and others. **Here are some examples of stationary images (this is not an all-inclusive list; you may encounter others in your viewing):**

- **DVD menus**—listings of DVD disk content
- **Letterbox black bars**—shown at the top and bottom of the TV screen when a wide screen (16:9) movie is viewed on a TV with standard (4:3) aspect ratio.
- **Video-game images and scoreboards**
- **Television station logos**—present a problem if they are bright and stationary; moving or low-contrast graphics are less likely to cause uneven aging of the picture tube
- **Stock-market tickers**—presented at the bottom of the TV screen
- **Shopping channel logos and pricing displays**—bright and shown constantly or repeatedly in the same location on the TV screen.

PLACEMENT OF THE TV

- To avoid cabinet warping, cabinet color changes, and increased chance of set failure, do not place the TV where temperatures can become excessively hot; for example, in direct sunlight or near a heating appliance.
- Be sure to allow a free flow of air to and from the perforated back cover of the set.

CLEANING

- To avoid possible shock hazard, be sure the TV is unplugged from the electrical outlet before cleaning.
- Regularly dust the TV with a dry, nonscratching duster to keep the TV clean.
- When cleaning the TV, take care not to scratch or damage the screen surface. Avoid wearing jewelry or using anything abrasive. Do not use household cleaners. Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool, clear water and a mild soap or detergent. Use a clean, dry cloth to dry the wiped surfaces.
- Occasionally vacuum the ventilation holes or slots in the back cover of the set.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

Auto Programming • The procedure of adding or deleting channel numbers into the Television's memory circuits. In this way the Television "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Coaxial Cable • A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR.

Closed Caption • Broadcast standard which allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

Side Audio/Video Inputs • Located on the side of the TV these connectors (phono type plug) are used for the input of audio and video signals. Designed for easy use with VCRs or cameras.

On Screen Displays (OSD) • Refers to the wording or messages generated by the television (or VCR) to help the user with specific feature controls (color adjustment, programming, etc.).

Menu • An on-screen listing of feature controls shown on the Television screen that are made available for user adjustments.

Quadra Surf • The feature that allows the programming of four separate Surf lists holding up to 10 channels each.

Remote Sensor Window • A window or opening found on the Television control panel through which infrared remote control command signals are received.

Status/Exit • Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the Television of on screen displays or information (rather than waiting for the displays to "time out" or automatically disappear from the screen).

Surf • The action of scanning specific channel in a limited channel list.

Twin Lead Wire • The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

Tuner Mode • Feature control settings made by the TV. Designed for first time set up and use. Settings for signal connections (antenna or cable TV), plus channel program memory are held in the TV's memory (even if the set is unplugged and moved to a new location.)



NOTE: If you reside in one of our Philips Factory Service Branch areas (see directory on back), you can contact the nearest Service Branch to obtain efficient and expedient repair for your product. If your product is In-Warranty, you should have proof-of-purchase to ensure No Charge Service. For Out-of-Warranty service, call the location nearest you.

NOTA: Si vous résidez dans une des régions desservies par une succursale de service après vente du fabricant Philips (voir liste ci-dessous), vous pourrez contacter la branche de service après vente la plus près de chez vous pour obtenir un service après vente rapide et efficace. Si le produit est sous garantie, il suffira de présenter une preuve d'achat pour bénéficier d'un service sans frais. Pour les produits non couverts par la garantie, contactez le centre le plus près de chez vous.

NOTA: Si Ud. reside en una de nuestras zonas para sucursales Philips de servicio al de fábrica (ver directorio más abajo), Ud. puede comunicarse con la sucursal de servicio más cercana para obtener una reparación oportuna y eficaz de su producto. Si su producto está todavía bajo garantía, Ud. debe presentar comprobante de compra para no ocasionar ningunos cargos por servicio. Para servicio después del vencimiento de la garantía, llame al lugar más cercano de los abajo indicados.

In Canada: How you can obtain efficient and expedient carry-in, mail-in, or in-home service for your product. Please contact Philips at:

1-800-661-6162 (French speaking)
1-800-363-7278 (English or Spanish

speaking)

Au Canada: Comment obtenir le service après-vente pour les produits apportés ou envoyés par la poste à notre centre de service ou le service à domicile. Veuillez contacter Philips à:

1-800-661-6162 (Francophone)
1-800-363-7278 (Anglais ou

Espagnol)

En el Canadá: Cómo recibir servicio eficiente para su producto, en persona, por correo o a domicilio. Favor de comunicarse con Philips al:

1-800-661-6162 (francés)
1-800-363-7278 (Inglés ó Español)

QUALITY SERVICE IS AS CLOSE AS YOUR TELEPHONE! SIMPLY LOOK OVER THE LIST BELOW FOR THE NUMBER OF A FACTORY SERVICE CENTER NEAR YOU. YOUR PRODUCT WILL RECEIVE EFFICIENT AND EXPEDIENT CARRY-IN, MAIL-IN, OR IN-HOME SERVICE, AND YOU WILL RECEIVE PEACE OF MIND, KNOWING YOUR PRODUCT IS BEING GIVEN THE EXPERT ATTENTION OF PHILIPS' FACTORY SERVICE.

COMMENT OBTENIR NOTRE SERVICE APRÈS VENTE RAPIDE ET EFFICACE SOIT PAR COURRIER, À DOMICILE, OU EN SE PRÉSENTANT À UN CENTRE DE SERVICE PHILIPS. PLUS DE 600 CENTRES DE RÉCEPTION DE PRODUITS À RÉPARER À TRAVERS LE PAYS: CONTACTER LE CENTRE DE SERVICE AUX CONSOMMATEURS LE PLUS PROCHE POUR SAVOIR L'EMPLACEMENT DE CES DÉPÔTS DANS UN RAYON DE 50 À 75 MILES (80 KM À 120 KM) DU CENTRE DE SERVICE LOCAL.

CÓMO OBTENER UN SERVICIO OPORTUNO Y EFICIENTE POR CORREO, EN CASA O EN PERSONA PARA SU PRODUCTO A TRAVÉS DE UN CENTRO PHILIPS DE SERVICIO. MAS DE 600 SITIOS POR TODO EL PAIS PARA LA RECEPCION DE PRODUCTOS NECESITADOS DE REPARACIONES: COMUNICARSE CON EL CENTRO DE SERVICIO DE FABRICA MAS CERCANO PARA ESTOS LUGARES DENTRO DE UN RADIO DE 80 A 120 KM (50 A 75 MILLAS) DEL CENTRO DE SERVICIO LOCAL.

ATLANTA

Philips Factory Service
550 Franklin Road.,
Suite F
Marietta, GA 30067
800-273-1501

TAMPA

Philips Factory Service
1911 US Highway 301
North, Suite 100
Tampa, FL 33619
800-442-2027

SAN FRANCISCO

Philips Factory Service
681 East Brokaw Rd.
San Jose, CA 95112
800-300-9013

HOUSTON

Philips Factory Service
1110 N. Post Oak Rd.,
Suite 100
Houston, TX 77055
800-952-3254

CLEVELAND

Philips Factory Service
950 Keynote Circle
Brooklyn Heights, OH
44131
800-331-7037

DETROIT

Philips Factory Service
25173 Dequindre
Madison Heights, MI
48071
800-438-1398

DALLAS

Philips Factory Service
415 N. Main Street,
#107
Euless, TX 76040
800-952-3254

CHICAGO

Philips Factory Service
1279 W. Hamilton
Pkwy.
Itasca, IL 60143
800-531-2922

KNOXVILLE

Philips Factory Service
One Philips Drive
Knoxville, TN 37914
800-821-1767

PHILADELPHIA

Philips Factory Service
352 Dunks Ferry Rd.
Bensalem, PA 19020
800-847-9320

LOS ANGELES

Philips Factory Service
20930 Bonita, Ste. V
Carson, CA 90746
800-300-9013

38**LIMITED WARRANTY****COLOR TELEVISION - 90 Days Free Labor; One Year Free Replacement of Parts (Two Years Free Replacement on Color Picture Tube) Can be repaired in-home.****WHO IS COVERED?**

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For 90 days thereafter, all parts will be repaired or replaced free, and labor is free. From 90 days to one year from the day of purchase, all parts will be repaired or replaced free, but you pay for all labor charges. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the

local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

WARRANTY COVERAGE IN CANADA...

Note: Product Warranty coverage may vary between countries where product is distributed by Philips Consumer Electronics Company. In order to receive full and specific warranty details for products sold and serviced in Canada, please contact Philips at:

1-800-661-6162 (French Speaking)

1-800-531-0039 (English and Spanish Speaking)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

**Philips, P.O. Box 520890
Miami, FL 33152
(402) 536-4171**

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