





# RCA SCENIUM

## LCD Television User's Guide



A THOMSON BRAND

# Important Information

 <b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN 	 This symbol indicates important instructions accompanying the product.
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.	 This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

**WARNING**

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

**Cable TV Installer:** This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which 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.

## Product Registration

Please fill out the product registration card (packed separately) and return it immediately. For U.S. customers: Your RCA Scenium Consumer Electronics product may also be registered at [www.rcascenium.com/productregistration](http://www.rcascenium.com/productregistration). Registering this product allows us to contact you if needed.

## Product Information

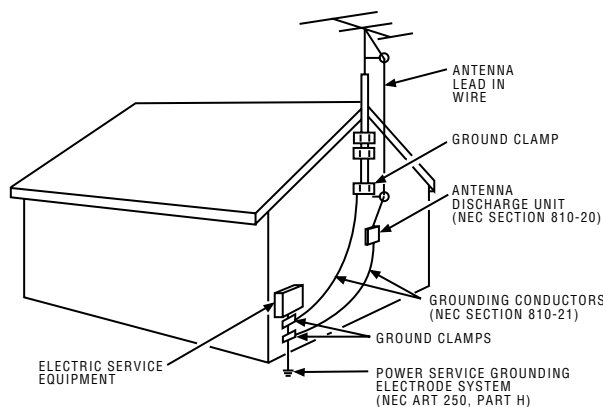
Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers. These numbers are located on the product.

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_ Purchase Date: \_\_\_\_\_

Dealer/Address/Phone: \_\_\_\_\_

## Important Safety Instructions

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 dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's 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 a third grounding prong. The wide blade or the third prong is provided for your safety. If 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 the 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 the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984 (Section 54 of Canadian Electrical Code, Part 1) 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 conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See following example.



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## Things to Consider Before You Connect

### Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet or power strip. NEVER plug your TV into an outlet that is controlled by a wall switch.
- Turn off the TV and/or component(s) before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards Instructions at the beginning of the manual.

### Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- If you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

### Important Stand and Base Safety Information

If a stand or base is used ensure that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safety Instructions at the beginning of the manual.

### Position Cables Properly to Avoid Audio Interference

Insert each cable firmly into the designated jack.

### Use Indirect Light

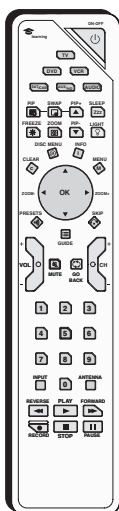
Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

### Connection Illustrations

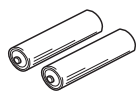
The components used in the connection illustrations are for representation only. The input jacks and the output jacks on the back of your components (VCR, DVD player, etc.) might look different than those illustrated.

### Check Supplied Parts

Check that the following parts were packed with your product.



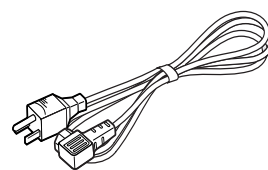
Remote Control



2 AA batteries



3.5mm mini phone to audio cable adapter (use with the RGB Audio In jack, not the headphone jack)

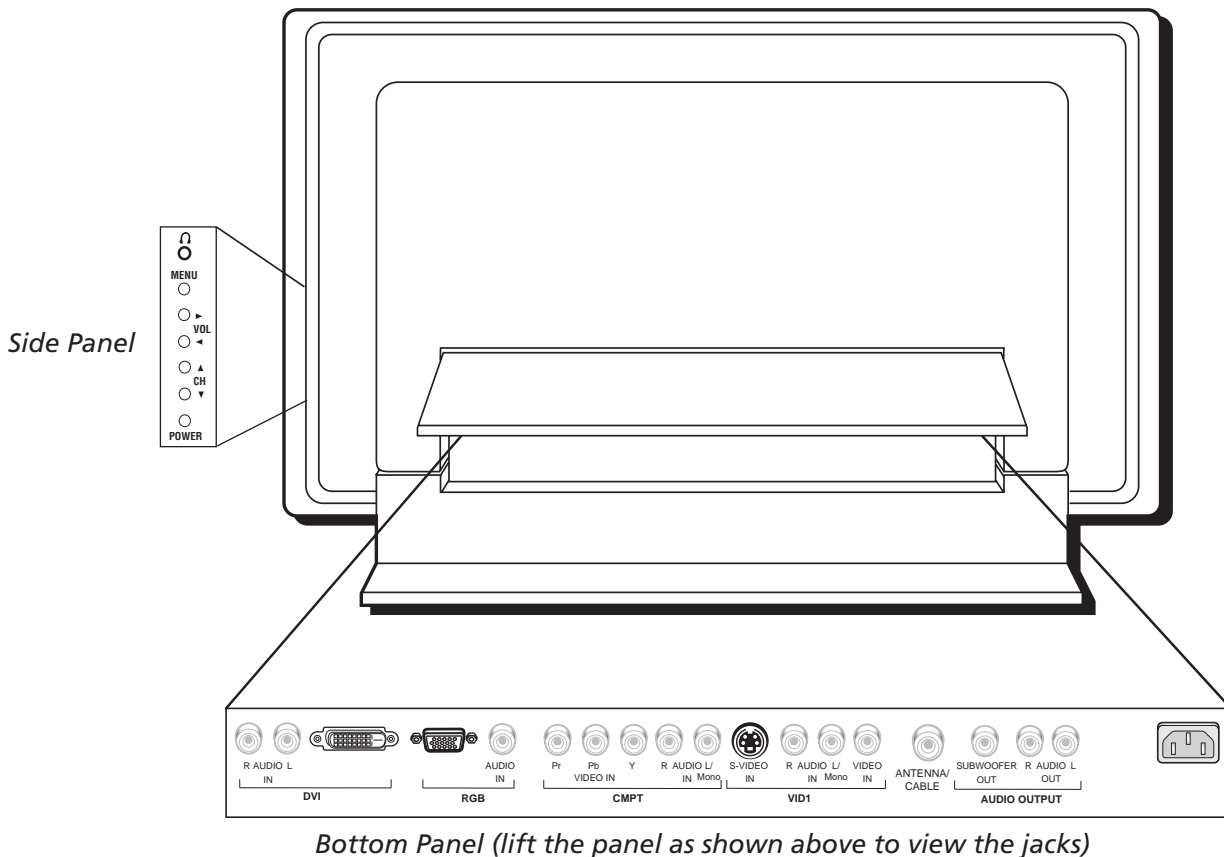


Power cord

## Explanation of Jacks

This section describes the jacks and cables you might use to make connections. There are several ways to connect components to your TV.

Different jacks and cables provide a different level of performance. It's important to remember the different degrees of picture improvement for comparison. The YPbPr (component) jack is considered an excellent improvement; S-Video and Video (composite) jacks are considered very good; while the Antenna/Cable connection is good.



*Bottom Panel (lift the panel as shown above to view the jacks)*

### Bottom Panel

**DVI Input** Lets you connect an HD receiver, HD cable box, or a computer with a DVI output.

- **R AUDIO IN** Provides right audio connection when using the DVI jack. The right audio connector is usually red.
- **L AUDIO IN** Provides left audio connection when using the DVI jack. The left audio connector is usually white.
- **DVI (Digital Visual Interface)** For connection of components that have a DVI jack, such as an HD receiver. The DVI jack provides an uncompressed, digital video interface developed for high-bandwidth digital connection. It supports the overlay of high-resolution graphics used by some program guides and interactive components.

### RGB Input

- **RGB** For connection of components that have an RGB output jack, such as a personal computer, HD receiver, or DVD player.
- **AUDIO IN (Stereo mini jack)** Use to obtain sound when a component is connected to the RGB jack. Use the supplied 3.5mm mini phone to audio cable adapter. Connect audio cables to the end of the adapter.



## CMPT (Component) Input

- **Y Pb Pr VIDEO IN** For connection of components that have component output jacks (Y, Pb, Pr), such as a personal computer, HD receiver, DVD player, or other device with component outputs.

The Y Pb Pr jacks provide excellent picture quality because the video is separated into three signals.

- **R AUDIO IN** Provides right audio connection when using the Y Pb Pr jacks. The right audio connector is usually red.
- **L/Mono AUDIO IN** Provides left audio connection when using the Y Pb Pr jacks. The left audio connector is usually white.

**Note:** If your component has only one output for audio (mono), connect it to the L/Mono AUDIO jack on the TV and don't connect the R AUDIO part of the cable. In this case, you need to change a setting to hear sound from both speakers. Go to the **Sound** menu, highlight **Sound Type** and then choose **Mono**.

## VID1 Input

- **S-VIDEO IN** The S-Video (super video) jack provides better picture quality than the regular video jack because the color (chrominance, also called chroma) part of the signal is separated from the black and white (luminance) part of the picture.

**Note:** Remember to connect the left and right audio cables to the AUDIO IN jacks because the S-VIDEO cable carries only the picture signal, not the sound.

- **R AUDIO IN** Provides right audio connection when using the VIDEO or S-VIDEO jack. The right audio connector is usually red.
- **L/Mono AUDIO IN** Provides left audio connection when using the VIDEO or S-VIDEO jack. The left audio connector is usually white.

**Note:** If your component has only one output for audio (mono), connect it to the L/Mono AUDIO jack on the TV and don't connect the R AUDIO part of the cable. In this case, you need to change a setting to hear sound from both speakers. Go to the **Sound** menu, highlight **Sound Type** and then choose **Mono**.

- **VIDEO IN** Provides composite video connection. The video connector is usually yellow.

**ANTENNA/CABLE** Lets you connect a coaxial cable to receive the signal from the antenna, cable, or cable box.

## AUDIO OUTPUT

- **SUBWOOFER OUT** Provides lower bass frequencies out from the TV and to a powered subwoofer.
- **R AUDIO OUT** Use to output the right audio of the selected source component connected to this unit to an AV amplifier or similar component.
- **L AUDIO OUT** Use to output the left audio of the selected source component connected to this unit to an AV amplifier or similar component.

**Note:** Set the Audio output to Fixed or Variable in the **Sound** menu. Go to page 31 for more information.

**Power In** Connect the power cord to this jack to give the TV power.

## Side Panel

- **Headphone** Allows you to connect headphones to listen to the sound coming from the TV.

**Note:** When you plug in headphones, the TV's internal speakers are automatically turned off.

If you can't locate your remote, you can use the side panel of your TV to operate many of the TV's features.

**MENU** Brings up the Main menu. When the menu system is displayed, pressing MENU selects highlighted items.

**VOL ▶** Increases the volume. In the menu system, it points right to items and adjusts menu controls.

**VOL ◀** Decreases the volume. In the menu system, it points left to items and adjusts menu controls.

**CH ▲** Scans up through the current channel list. In the menu system, it points up to items and adjusts menu controls.

**CH ▼** Scans down through the channel list. In the menu system, it points down to items and adjusts menu controls.

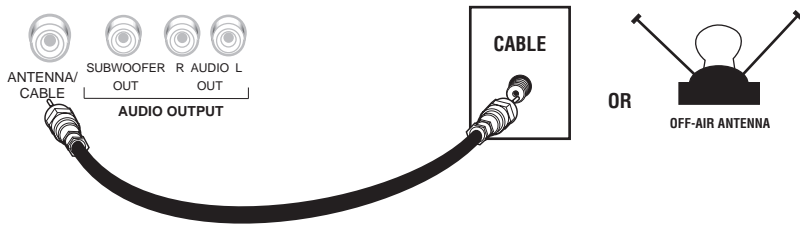
**POWER** Turns the TV on and off.

**Note:** If you use the Front Panel Block feature, the front panel buttons no longer provide access to the menus. Go to Chapter 3 for more information.

# Connections & Setup

## Connect Your Cable

Connect your cable or antenna to the ANTENNA/CABLE jack on the bottom panel of the TV using a coaxial cable.



## Choose Your Connection

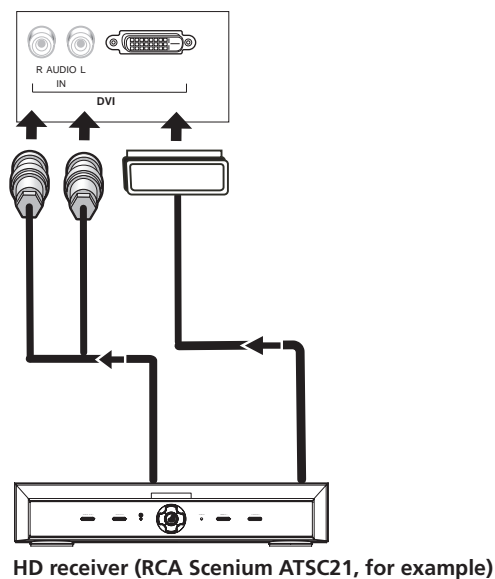
There are several ways to connect your television, depending on the components you want to connect and the quality of the signal you want to achieve. The following are examples of some ways to connect your TV. Choose the connection which is best for you.

### Connection to AV Components

#### Using the DVI Jack

Connect a component, such as an HD receiver, to the TV using the DVI jack. Connect one end of a DVI cable (not supplied) to the DVI jack on the bottom of the TV and the other end to the DVI Out jack on the back on the component. Then connect the audio cables to the DVI AUDIO IN jacks (R and L) next to the DVI jack on the TV and to the Audio Out jacks on the component.

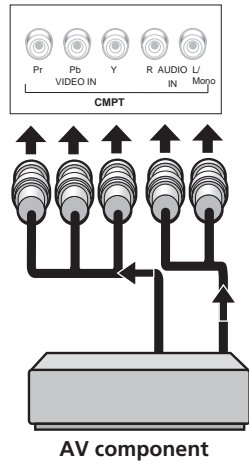
**Note:** When using the DVI jack to receive your signal, all necessary information is transferred from the receiver to the TV. Therefore, there is no need to make adjustments in the Main Menu.



## Using the CMPT Jack

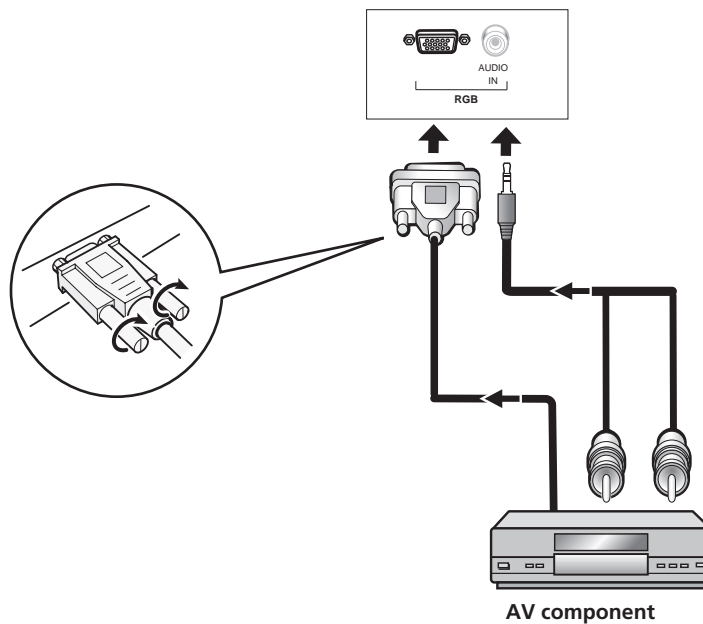
Connect a component, such as a VCR, DVD player or Satellite Receiver, to the TV using the CMPT jacks. Connect Component cables to the Y Pb Pr VIDEO IN jacks on the bottom panel of the TV and to the Component Out jacks on the component. Then connect audio cables to the CMPT AUDIO IN jacks (R and L) on the bottom panel of the TV and to the Audio Output jacks on the component.

**Note:** The CMPT input also accepts Y Cr Cb signals. Your TV will automatically adjust to that type of signal.



## Using the RGB Jack

Connect a component, such as a DVD player or digital cable box, to the TV using the RGB jack. Connect one end of a 15 pin D-sub cable to the RGB jack on the bottom of the TV and the other end to the RGB out jack on the component. Then connect the supplied 3.5mm mini phone to audio cable adapter to the RGB AUDIO IN jack on the bottom of the TV. Connect audio cables to the adapter and connect the other end to the Audio Output jacks on the component.



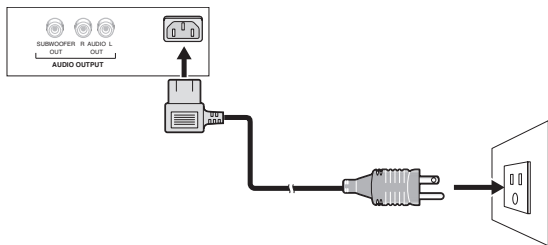
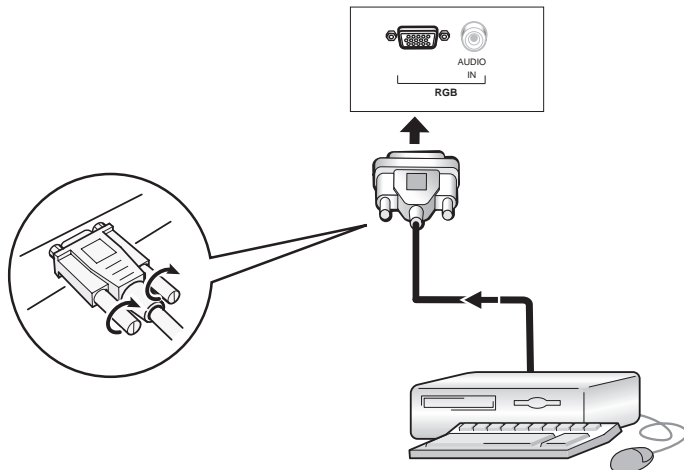
# Connections & Setup

## Connection to a Personal Computer

### Using RGB

Connect a personal computer to the TV using the RGB jack. Connect a 15-pin monitor cable to the computer and the other end to the bottom of the TV.

**Note:** Your computer will most likely output the signal in a 4:3 aspect ratio. Be sure to change the monitor setting for the best picture quality.



## Plug in the TV

Plug the flat end of the cable into the power jack on the bottom panel of the TV. Plug the end of the power cord into an appropriate wall outlet. Be sure to insert the plug completely. Do not plug into an outlet controlled by a light switch.

## Put batteries in the remote

- Remove the battery compartment cover from the back of the remote by pushing down on the tab and lifting the cover.
- Insert 2 fresh “AA” batteries. Make sure the polarities (+ and -) are aligned correctly.
- Replace the cover.

## Turn on the TV

Press TV on the remote, or press POWER on the TV's side panel.

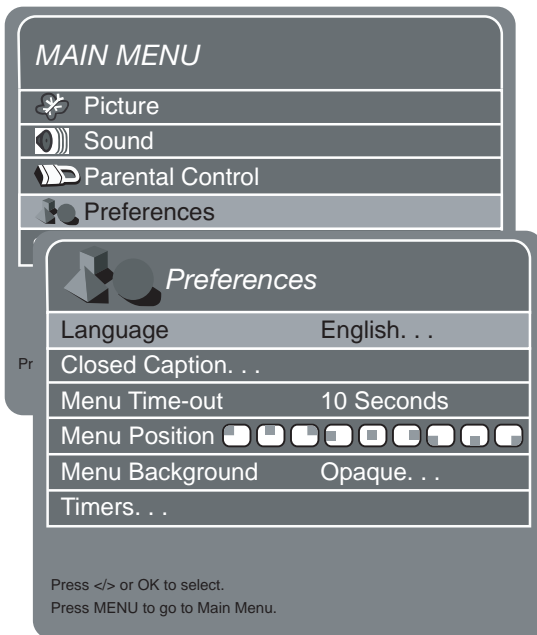
**Note:** Pressing the TV button turns on the TV and puts the remote into TV mode. “TV mode” means that the buttons on the remote control operate the TV's functions.

## Adjust the Viewing Angle of the TV

The TV's screen is adjustable simply by pushing on the top, front part of the screen, while your other hand holds the base of the TV.

## Set Up Your TV

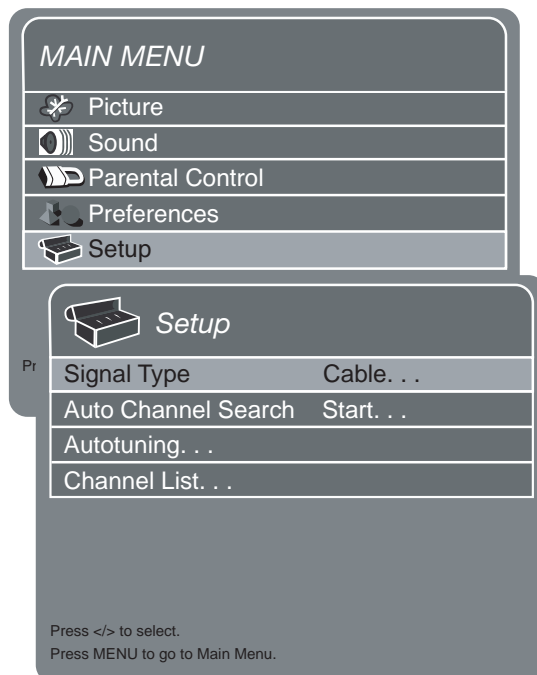
There are several options you might need to set up in order for your TV to work properly. Turn on your TV, then press the MENU button on your remote control. Read the instructions that follow.



## Choose the Menu Language

Select your preferred language for the menu system.

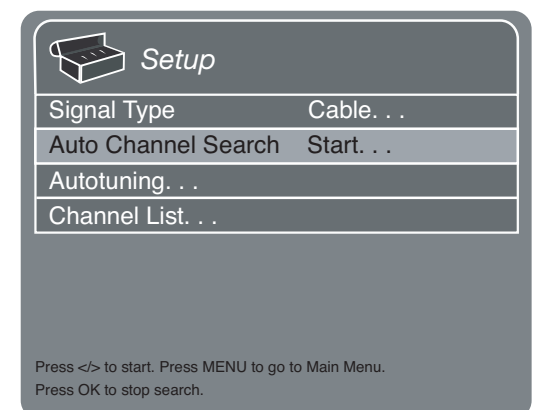
1. From the Main menu, press the down arrow button to highlight *Preferences*, then press OK (the *Preferences* menu appears with *Language* highlighted).
2. The default language is *English*. To select *French* or *Spanish*, press the right arrow button.



## Choose the Signal Type

In order for your TV to search for channels, you need to make sure your signal type is set correctly.

1. Press the MENU button (the *MAIN MENU* appears).
2. Press the down arrow button to highlight *Setup*, then press OK (the Setup menu appears with *Signal Type* highlighted).
3. The *Signal Type* option is set to *Cable*. To change the option to *Antenna*, press the right arrow button.

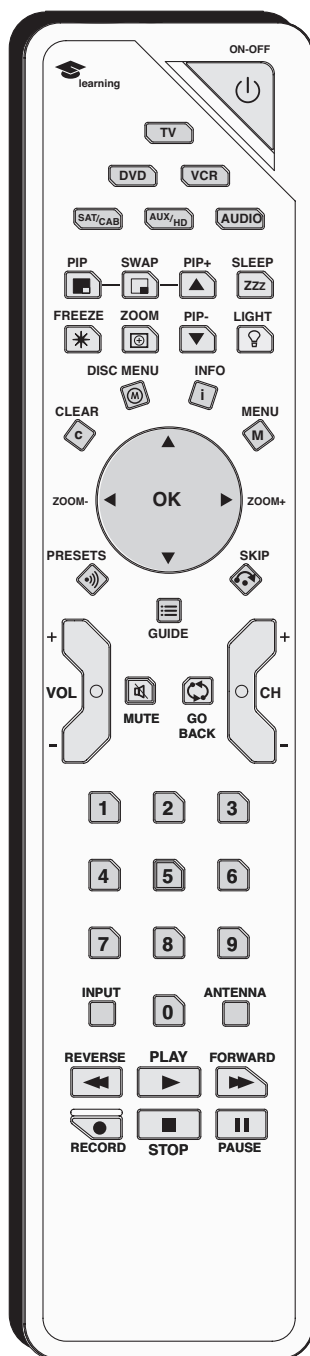


## Complete Channel Search

To search for all channels viewable through your antenna or cable TV system:

1. From the *Setup* menu, press the down arrow button to highlight *Auto Channel Search*.
2. Press the right arrow button to begin the channel search.

**Note:** Depending on the number of channels you receive, it may take several minutes for the channel search to finish.



### Tip

The VCR, DVD, SAT/CAB, AUX/HD, and AUDIO buttons turn on most RCA, GE, and Proscan components.

## Button Descriptions for TV Mode

**Arrows** Used to highlight different items in the TV menu and to adjust the menu controls. When not in the menu system, the left arrow (ZOOM-) zooms out on the picture. The right arrow (ZOOM+) zooms in on the picture.

**(0-9) Number Buttons** Enter channel numbers and password settings directly through the remote control.

**CH + or CH -** Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

**CLEAR** Removes any menu or display from the screen and returns you to normal viewing. Cancels the commercial skip timer.

**FREEZE** Freezes entire picture, but audio continues.

**GO BACK** Returns you to the previous channel.

**INFO** Brings up the channel banner; press again to clear the screen.

**INPUT** Toggles through the available input sources (VID1, CMPT, RGB, DVI and current channel).

**LIGHT** Press to illuminate some of the remote control's buttons. To conserve battery power, the light turns off after several seconds. Backlight won't activate if batteries are low, but blinks on and off quickly.

**MENU** Brings up the Main menu.

**MUTE** Reduces the TV's volume to its minimum level. Press again to restore the volume.

**OK** When in the menu system, selects highlighted items.

**ON • OFF** When in TV mode, turns the TV on or off. If in another mode (VCR, DVD, SAT/CABLE, AUX/HD, AUDIO) and programmed, will turn the component on or off.

**PRESETS** Resets the picture settings to factory default for the video input channel you're currently tuned to.

**SKIP** Press once before changing channels and the TV will wait 30 seconds before returning to the original channel. Press repeatedly to add more time.

**SLEEP** Displays the Sleep Timer option.

**TV** Turns on the TV and puts the remote in TV mode. Also displays current status.

**VOL - or VOL +** Decreases or increases the TV's volume.

## Button Descriptions for Other Modes

**ANTENNA** In VCR mode, functions as a TV/VCR button. In SAT mode, functions as a TV/SAT button.

**AUDIO** Puts the remote in audio mode to operate a component (such as an audio receiver, or amplifier receiver) that you've programmed to work with this button.

**AUX/HD** Puts the remote in auxiliary mode to operate a component (such as a cable box, satellite receiver, VCR, DVD, or audio receiver) that you've programmed to work with this button. AUX by default is set up to operate an RCA HD receiver.

**DISC MENU** If operating a DVD, will display the Disc Menu.

**DVD** Puts the remote in DVD mode. If auto tuning is enabled, turns on the TV and tunes to the correct video input channel.

**GUIDE** If you're operating another component that has an on-screen program guide, this button accesses the on-screen guide.

**PIP** In PC mode, makes the PIP window appear and disappear (See Chapter 3 for more information about using PIP).

**PIP+ or PIP-** In PC mode with PIP displayed, press to change the PIP channel up or down.

**REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE** If programmed, provides transport control for some remote-controllable VCRs or DVD players.

**SAT/CAB** Puts the remote in SAT/CAB (satellite/cable) mode. If auto tuning is enabled, turns on the TV and tunes to the correct video input channel.

**SWAP** No function available for this TV.

**VCR** Puts the remote in VCR mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

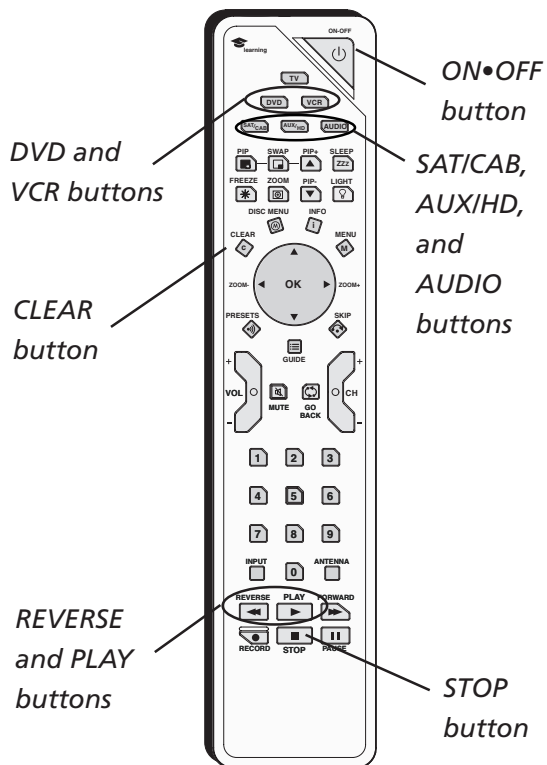
**ZOOM** In PC mode with PIP displayed, zooms in on the picture.

## Using the INPUT Button

Use the INPUT button to scroll through the available video input channels and view components you have connected to the TV.

1. Make sure the component you want to view is turned ON.
2. Make sure the remote is in TV mode. Press INPUT to tune to an available video input source and view the component.
3. To return to the previous channel, continue pressing INPUT.

# Using the Remote Control



You'll use these buttons when you program the remote.

## Programming the Remote to Operate Other Components

The universal remote can be programmed to operate many brands of remote-controllable VCRs, audio components, DVD players, cable boxes, satellite receivers and other components. The remote is already programmed to operate most RCA, GE, and Proscan components.

The AUX/HD button can be programmed to operate most brands of an additional remote-controllable component: satellite receiver, cable box, DVD, VCR, and audio.

**Notes:** The TV button can't be programmed on this remote.

The remote may not be compatible with all brands and models of components. It also may not operate all functions of the remote that came with your component.

## Find Out If You Need to Program the Remote

To determine whether the universal remote needs to be programmed for your component, turn the component ON. For example, to program the remote for a VCR, turn on the VCR. Point the remote at the VCR, and press the VCR button. Then press ON•OFF or CH + (channel up) or CH – (channel down) to see if the VCR responds to the remote commands. If the component does not respond, the remote needs to be programmed.

## Programming the Remote

There are two ways to program the remote control:

- automatic code search
- direct entry

### Using Automatic Code Search

**Note:** The AUX/HD button can only search VCR codes, but can be used for a non-VCR device by programming it with direct entry method.

The following instructions can be used to program the remote to operate each of your components. If you want to stop the automatic code search without programming any of your components, press CLEAR until the component button light on the remote turns off.

1. Turn on the component you want to operate (DVD player, VCR, satellite receiver, etc.)
2. Press and hold the component button you want to program (DVD, VCR, SAT/CAB, AUX/HD, or AUDIO). While holding the component button, press and hold ON•OFF until the component button light on the remote turns on, then release both buttons.
3. Point the remote at the component. Press and release PLAY, then wait 5 seconds or until the component button stops flashing.

At this point the remote is searching for the correct code to program. If, after 5 seconds, the component you want to operate does not turn off, press PLAY again to tell the remote to search the next set of codes, still pointing the remote at the component.

Continue pressing and releasing PLAY until the component turns off or you have searched through all of the codes. The component buttons flash when all codes have been searched, the component button turns off, and remote exits Automatic Code Search.

If the component you want to operate *does* turn off:

1. Press and release REVERSE, then wait 2 seconds. Repeat this step until the device turns back ON.
2. To finish, press and hold STOP until the component button on the remote turns off.



## Using Direct Entry

1. Turn on the component to be programmed.
  2. Look up the brand and code number(s) for the component on the code list in this section.
  3. Press and hold the component button you want to program on the remote.
  4. While pressing the component button, enter the code from the remote control code list. If the component button flashes, you have either entered an invalid code or the button isn't programmable.
  5. Release the component button.
  6. Point the remote at the component. Press ON•OFF to see if the component responds to the command. If it doesn't, try pressing the component button and then ON•OFF again.
- If you get no response, repeat these steps using the next code listed for your brand, until the component responds to the remote commands.
  - If you try all the codes for your component brand and none work, try the automatic code search method. If automatic code search doesn't find the code, the remote is not compatible with your component.

## How to Use the Remote After You've Programmed It

Because this universal remote can operate several different components, it uses operational modes triggered by the component buttons. For example, if you want the remote to operate the TV, you would press the TV button to put the remote into TV mode before you could operate the TV.

1. Press the appropriate component button (DVD, VCR, etc.) to set the remote to operate the component.
2. Press ON•OFF to turn the component ON or OFF.
3. Use the remote buttons that apply to that component.

**Note:** *If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press VCR on the remote control to put the remote in VCR mode.)*

## The Learning Feature

Before using the learning feature, make sure this TV's remote control is programmed to control other components you have connected to the TV. Programming the remote control erases all learned commands for that component mode.

After you program the TV's remote control to operate the other component, the TV's remote provides most of the operations you need. However, there may be some functions on the component's original remote control that your TV's remote control doesn't have. For example, your DVD remote control might have an ANGLE button that enables you to change the angle of the picture, but your TV remote doesn't have that button. The learning feature enables you to record the functionality of a specific button from the original remote control to one of the TV's remote control buttons.

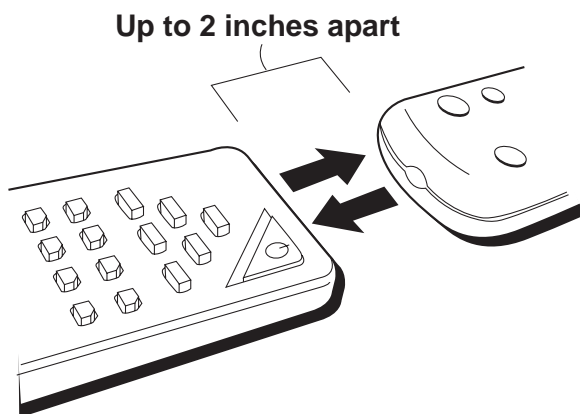
**Note:** *All learned functions for a mode can be erased if you program a different component to that mode.*

# Using the Remote Control

## Adding a Learned Function

There are several things to consider before you begin the learning process:

- You can't record a learned function to the following buttons on the TV's remote control: component buttons (TV, VCR, DVD, SAT/CAB, AUX/HD, and AUDIO), the CLEAR button, and the LIGHT button.
- Before adding a Learned Function, you must program this TV's remote control to operate that component because programming the remote control erases all learned commands for that component mode.
- Do the learning process in low light areas because too much natural light or fluorescent light might cause the learning feature to fail because the remote control functions are recorded (learned) by sending infrared (IR) signals.
- The TV's remote and the original remote should be no more than 2 inches apart.



- In order to record (learn) a function from one remote to the other, you must make sure the Infrared (IR) transmitter of the original remote is facing the IR receiver on the top of the TV's remote (see illustration). To accomplish this, you may have to hold a remote in each hand instead of laying both on the table.
- The learned buttons are mode specific—if you add a button function from your DVD player's remote control, you must press the DVD button first before the learned function will work (in TV mode, the button where you've stored the learned function will continue to work as it always has).
  1. Press and hold the component button on the TV's remote that applies to the function you will be adding (DVD, VCR, SAT/CAB, AUDIO, or AUX/HD). The component button lights.
  2. On the TV remote, press and hold the RECORD button.
  3. Keep pressing both of the buttons (the component button and the RECORD button) until the component button light turns off, flashes, and turns off. Release both buttons.
  4. On the TV's remote control, press and release the button where you want to store the new function (the component button turns off and then back on).

**Note:** If you press an invalid button on the TV remote, one of the component button flashes 4 times to alert you. You'll have to repeat step 4.

5. With the remote controls facing each other and no more than 2 inches apart, press and hold the button of the component's remote control that has the functionality you are recording to the TV's remote control. Keep pressing the button until the TV remote's component button light turns off and back on (the function has been saved to the TV remote). If all component buttons flash 4 times, the function wasn't learned. Try again starting with Step 4.
6. The TV remote control remains in "learning mode" so you can continue adding functions to different buttons by repeating steps 4 and 5. Or, press CLEAR to exit learning mode.

**Notes:** If you want a new function on a button, you must record (learn) over it.

The amount of memory each learned function uses in the TV's remote control varies. If your TV remote is out of memory, the component button(s) light flashes 4 times and turns off, exiting you from the Learning mode.

## Clearing a Learned Function

To delete a learned button function, use the procedure below.

1. Press and hold the component button (the component button lights). Then press and hold the CLEAR button for 3 seconds (the component mode button flashes—turns on and off again).
2. Release the component and CLEAR buttons (the component button being cleared turns on). Remote is now in Clear learned function mode.
3. Press and release the button where learning is to be cleared. The component button blinks off then back on—the learned function was cleared successfully.
4. Repeat steps 1 through 3 until all buttons' learned functions have been cleared.

**Note:** *If an invalid button is pressed, the component mode button(s) flashes 4 times and the selected component button stays on and remote remains in Clear Learned Function mode. Repeat step 3.*

5. Press the CLEAR button to return the TV remote to its original operation mode.

## Deleting ALL Learned Functions

This procedure erases all learned functions in every component mode of the remote.

1. Press and hold the CLEAR button (the current component button lights). Then press and hold the ON•OFF button (component button light turns off for 3 seconds, flashes, turns on and off) while continuing to hold CLEAR.
2. Release both buttons (current component button turns on).
3. Press any component button to delete all learned functions in all modes. Remote is automatically exited from this mode.

**Note:** *Pressing the CLEAR button will NOT delete all learned functions, but will exit the Delete mode.*

## Volume Punchthrough Feature

You may find this feature helpful if you've connected your components to an audio/video receiver (A/V receiver) or amplifier, but you want to use the TV's remote control to operate the volume for a component that is connected to the audio/video receiver. An example follows:

Let's say you've connected your DVD player to your audio/video receiver. You've also programmed your TV remote control to operate your DVD player. Since the DVD player gets its volume through the audio/video receiver, you would have to bounce back and forth between two remote controls: the A/V receiver's remote to adjust the volume and the TV's remote control to operate the DVD player.

The Volume Punchthrough feature eliminates the need for you to use two remote controls and saves a button press when you're using the TV remote to adjust the volume. In effect, you are telling the TV remote to retrieve and send volume commands from the A/V receiver whenever the TV remote is in DVD mode.

Therefore, after you've successfully set up the Volume Punchthrough feature, whenever the TV remote is in DVD mode (press the DVD button) and you want to adjust the volume, you only have to press the VOL + or VOL- buttons. Follow the instructions below to set up Volume Punchthrough.

1. **IMPORTANT:** First, you must program the AUDIO button on the TV's remote control to operate your audio receiver or amplifier. Go to page 12 for instructions. If you can't program this remote to operate your audio receiver, Volume Punchthrough won't work.
2. While setting up Volume Punchthrough, it's best to point the remote away from components.
3. Decide which mode the remote will be in when the volume from the audio receiver "punches through." The mode will be one of the component buttons (TV, DVD, SAT/CAB, VCR, or AUX/HD).

# Using the Remote Control

4. Press and hold the VOL- button. Keep pressing VOL- while you press and release the component button you chose in step 3 (TV, DVD, SAT/CAB, or AUX/HD).
5. Press and release the AUDIO button since the sound will be coming from the audio/video receiver. Release the VOL- button.
6. Now, test it by turning on your audio receiver or amplifier.
7. Turn on the component that is connected to the audio/video receiver or amplifier (a DVD player, for example).
8. Put the TV's remote in DVD mode by pressing the DVD button, and play a disc.
9. Press VOL+ or VOL-. The volume from the audio receiver should increase or decrease accordingly.

## Deleting ALL Volume Punchthrough Commands

To delete all programmed Volume Punchthrough settings and return the remote control back to the factory defaults, press and hold the VOL- button (the component button of the Volume Punchthrough lights). While holding the VOL- button, enter the code, **000**, using the number buttons. All component buttons turn on for 2 seconds and then turn off. The remote returns to the factory settings.

**Note:** If an invalid button is pressed, all component buttons blink 4 times and turn off. At this point, you must start over.

## Remote Code List

### Audio Codes

Programmable for the AUDIO and AUX/HD buttons.	
<b>AUX/Dimensia/Lyra Wireless</b>	
RCA .....	4004
<b>Audio Cassette</b>	
GE .....	4006
RCA .....	4006
<b>CD Players</b>	
ADC .....	4055, 4056, 4066
Aiwa .....	4049, 4057
Akai .....	4058
Denon .....	4060
Emerson .....	4040
Fisher .....	4041, 4063, 4064
GE .....	4007, 4065
Hitachi .....	4042
JVC .....	4043
Kenwood .....	4044, 4067, 4068
Luxman .....	4069
Marantz .....	4046
MCS .....	4070
Mitsubishi .....	4071, 4072
NEC .....	4045
Onkyo .....	4047
Panasonic .....	4188
Pioneer .....	4049
RCA .....	4007, 4050, 4062
Sears .....	4059
Sony .....	4051, 4061
Technics .....	4052
Toshiba .....	4073
Yamaha .....	4053, 4054
<b>Phono</b>	
GE .....	4005
RCA .....	4005

### Receiver/Tuner/AMP

Aiwa .....	4008, 4009, 4010, 4011, 4012, 4021
Denon .....	4027
GE .....	4003
Harman Kardon .....	4020
JBL .....	4020
JVC .....	4013
Kenwood .....	4014
Onkyo .....	4022
Optimus .....	4028
Panasonic .....	4023, 4024
RCA .....	4003, 4015, 4029, 4030
Sherwood .....	4026
Sony .....	4016, 4017, 4025
Technics .....	4023, 4024
Yamaha .....	4018, 4019

### Cable Box Codes

Programmable for SAT/CAB and AUX/HD buttons.	
ABC .....	5002, 5003, 5004, 5006, 5045
Archer .....	5008, 5009
Cableview .....	5007
Contec .....	5015
Eastern .....	5016
GE .....	5002, 5003
Gemini .....	5017, 5018
General Instruments .....	5003
Hamlin .....	5019, 5020, 5021, 5026, 5033
Hitachi .....	5003
Jerrold .....	5003, 5017, 5022, 5023, 5039, 5045
Magnavox .....	5024
Memorex .....	5026
Movie Time .....	5025
NEC .....	5005
NSC .....	5025
Oak .....	5015, 5027
Panasonic .....	5041, 5044
Philips .....	5011, 5012, 5013, 5014, 5018, 5024, 5028, 5029, 5030
Pioneer .....	5031, 5032
Proscan .....	5002, 5003
RCA .....	5007, 5040, 5042, 5044
Realistic .....	5009
Samsung .....	5032
Scientific Atlanta .....	5006, 5034, 5035, 5036
Signature .....	5003
Sprucer .....	5044
Standard Component .....	5037, 5038
Starcom .....	5017, 5045
Stargate .....	5017
Tocom .....	5004, 5022
United Cable .....	5045
Universal .....	5008, 5009, 5010
View Star .....	5015, 5024, 5025
Zenith .....	5043

Kenwood .....	3071
Konka .....	3012, 3013
Koss .....	3085
Lasonic .....	3087
Magnavox .....	3004, 3036
Memorex .....	3037
Mintek .....	3038
Mitsubishi .....	3005
NAD .....	3032
Norcent .....	3039, 3040
Onkyo .....	3041
Oritron .....	3047
Panasonic .....	3014, 3042
Philips .....	3004, 3020
Pioneer .....	3006, 3043, 3044, 3045
Proscan .....	3000, 3046
Qwestar .....	3047
RCA .....	3000, 3002, 3048, 3079, 3086
Samsung .....	3072, 3073, 3074, 3080, 3081,
Sansui .....	3049
Sanyo .....	3015, 3082
Sharp .....	3050, 3052, 3053
Sony .....	3007, 3016, 3017, 3054, 3055, 3056, 3083
Sylvania .....	3033
Teac .....	3057
Technics .....	3058
Toshiba .....	3008, 3018, 3059, 3060, 3061
Yamaha .....	3062, 3063, 3064
Zenith .....	3019, 3065, 3084

### Portable DVD

Aiwa .....	3022
Audiovox .....	3025, 3026
Panasonic .....	3030
RCA .....	3066
Sharp .....	3051

### DVD codes

Programmable for DVD and AUX/HD buttons.	
<b>DVD</b>	
Aiwa .....	3010, 3021
Apex .....	3023, 3024
Broksonic .....	3027, 3075
Daewoo .....	3028
Denon .....	3029, 3030, 3031
Emerson .....	3032, 3033, 3076
Funai .....	3033
GE .....	3000, 3034, 3035
Go Video .....	3077
Hitachi .....	3009, 3067, 3068, 3069, 3070
JVC .....	3003, 3011, 3078

### DVD/VCR Combo Codes

DVD and AUX buttons can use DVD codes;		
VCR and AUX/HD buttons can use VCR codes		
.....	<b>DVD</b> .....	<b>VCR</b>
Broksonic .....	3075 .....	2075
Emerson .....	3076 .....	2076
Go Video .....	3077 .....	2077
JVC .....	3078 .....	2078
RCA .....	3079 .....	2079
Samsung .....	3080, 3081 .....	2080, 2081
Sanyo .....	3082 .....	2082
Sony .....	3083 .....	2083
Zenith .....	3084 .....	2084

## PVR Codes

Programmable for the VCR and AUX/HD buttons.

<b>PVR</b>	
Replay .....	2086
Phillips Tivo .....	2085

## Home Theatre in a Box (DVD Receiver) Codes

AUDIO and AUX/HD buttons can use Audio codes; DVD and AUX/HD buttons can use DVD codes

.....	Audio .....	DVD .....
JBL .....	4031	3088
JVC .....	4032	3089
Koss .....	4033	3090
Onkyo .....	4034	3091
Panasonic .....	4035	3092
Pioneer .....	4036	3093
RCA .....	4037	3094
Venturer .....	4038	3095

## HD Receiver Codes

Programmable for AUX/HD button.

RCA .....	7000
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## Satellite Receiver Codes

Programmable for SAT/CAB and AUX/HD buttons.

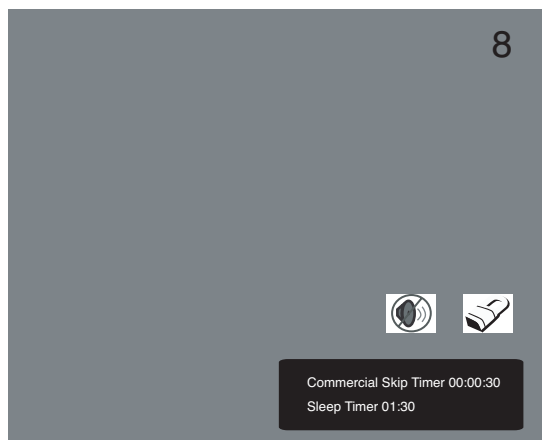
Alphastar .....	5064
Chapparral .....	5046, 5047
Dishnet .....	5063
Drake .....	5048, 5049
Echostar .....	5070
GE .....	5000, 5001, 5072
General Instruments .....	5050, 5051, 5052
Hitachi .....	5066, 5067
Hughes .....	5062, 5071
JVC .....	5065
Panasonic .....	5060
Philips .....	5068
Primestar .....	5061
Proscan .....	5000, 5001, 5072
RCA .....	5000, 5001, 5072
Realistic .....	5053
Sony .....	5058
STS1 .....	5054
STS3 .....	5055
STS4 .....	5056
Toshiba .....	5057, 5059
Uniden .....	5069

## VCR Codes

Programmable for VCR and AUX/HD buttons.

Admiral .....	2068
Aiko .....	2023
Aiwa .....	2022
Akai .....	2002, 2003, 2004, 2057, 2058, 2059
Audiovox .....	2010
Bell & Howell .....	2007
Broksonic .....	2008, 2021, 2075
Calix .....	2010
Canon .....	2017, 2018
Capehart .....	2016, 2056
Carver .....	2037
CCE .....	2023, 2036
Citizen ... ..	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2023
Colortyme .....	2005
Craig .....	2009, 2010, 2019, 2036
Curtis-Mathes .....	2005, 2009, 2012, 2014, 2017, 2018, 2020, 2060, 2072
Daewoo .....	2011, 2013, 2015, 2021, 2022, 2023, 2056
Daytron .....	2056
Dimensia .....	2072
Electrohome .....	2010, 2024
Emerson .....	2002, 2008, 2010, 2011, 2017, 2020, 2021, 2022, 2024, 2025, 2026, 2027, 2028, 2039, 2059, 2061, 2067, 2069, 2076
Fisher .....	2007, 2019, 2029, 2030
Fuji .....	2003, 2017, 2062
Funai .....	2022
Garrard .....	2022

GE .....	2000, 2001, 2009, 2017, 2018, 2060, 2063, 2072
Gradiente .....	2022
Harman Kardon .....	2005
Harwood .....	2036
Hitachi .....	2033, 2034, 2035, 2053, 2057, 2063
JC Penney .....	2005, 2006, 2007, 2008, 2009, 2010, 2017, 2018, 2030, 2033, 2034, 2036, 2037, 2053
Jensen .....	2033, 2034, 2057
JVC .....	2005, 2006, 2007, 2014, 2057, 2064, 2078
Kenwood .....	2005, 2006, 2007, 2012, 2014, 2057, 2064
KLH .....	2036
Kodak .....	2010, 2017
LG .....	2010
Logik .....	2036
LXI .....	2010
Magnavox .....	2017, 2018, 2037, 2038, 2052, 2054, 2065
Marantz .....	2005, 2006, 2007, 2012, 2014, 2017, 2037
Matsushita .....	2017
Memorex .....	2007, 2009, 2010, 2017, 2019, 2022, 2052, 2068
MGA .....	2024, 2039, 2059
Minolta .....	2033, 2034, 2053
Mitsubishi .....	2024, 2033, 2034, 2039, 2040, 2041, 2059, 2064
Montgomery Ward .....	2068
Motorola .....	2017, 2068
MTC .....	2009
Multitech .....	2009, 2012, 2022, 2031, 2036
NEC .....	2005, 2006, 2007, 2012, 2014, 2057, 2064
Nikko .....	2010
Noblex .....	2009
Olympus .....	2017
Optimus .....	2010, 2068
Optonica .....	2047
Panasonic .....	2017, 2018, 2055, 2066
Pentax .....	2012, 2033, 2034, 2053, 2063
Pentax Research .....	2014
Philco .....	2017, 2018, 2037, 2038
Philips .....	2017, 2037, 2047, 2065
Pioneer .....	2006, 2033, 2042, 2064
Portland .....	2012, 2013, 2015, 2056
Proscan .....	2000, 2001, 2072
Quasar .....	2017, 2018, 2066
RCA .....	2000, 2001, 2002, 2009, 2017, 2033, 2034, 2043, 2044, 2045, 2053, 2060, 2063, 2066, 2070, 2072, 2073, 2079
Radio Shack .....	2010, 2047, 2068
Radioshack/Realistic .....	2007, 2009, 2010, 2017, 2018, 2019, 2022, 2024, 2029, 2047
Realistic .....	2007, 2009, 2010, 2011, 2017, 2018, 2019, 2022, 2024, 2029, 2047, 2068
Radix .....	2010
Ricoh .....	2071
Runco .....	2052
Samsung .....	2004, 2009, 2011, 2027, 2031, 2058, 2080, 2081
Sansui .....	2006, 2046, 2057, 2064
Sanyo .....	2007, 2009, 2019, 2082
Scott .....	2008, 2011, 2021, 2026, 2028, 2039, 2061
Sears .....	2007, 2010, 2017, 2019, 2029, 2030, 2033, 2034, 2053
Sharp .....	2013, 2024, 2047, 2048, 2068
Shintom .....	2003, 2034, 2036, 2049
Signature .....	2068
Singer .....	2017, 2036, 2071
Sony .....	2003, 2049, 2050, 2062, 2083
STS .....	2017, 2053
Sylvania .....	2017, 2018, 2022, 2037, 2038, 2039, 2065
Symphonic .....	2022
Tandy .....	2007
Tashiko .....	2010
Tatung .....	2057
TEAC .....	2022, 2057
Technics .....	2017, 2055
Teknika .....	2010, 2017, 2022, 2051
Toshiba .....	2011, 2029, 2030, 2033, 2039, 2059
Totevision .....	2009, 2010
Unitech .....	2009
Vector Research .....	2005, 2006, 2011, 2012
Video Concepts .....	2005, 2006, 2011, 2012, 2059
Wards .....	2009, 2010, 2011, 2017, 2019, 2022, 2024, 2033, 2034, 2036, 2047, 2053, 2061, 2068, 2070
XR-1000 .....	2017, 2022, 2036
Yamaha .....	2005, 2006, 2007, 2014, 2057
Zenith .....	2003, 2049, 2052, 2062, 2071, 2084



## About the Channel Banner

The Channel Banner appears when you press the TV or INFO button on the remote. The following list describes the items on the Channel Banner screen (left to right and top to bottom). Other displays that are not described here are self-explanatory.

The icons change appearance to show the item's status or availability.

**8** Displays the current channel you are watching or input you are tuned to.

**Mute Icon** Displayed when you mute the sound.

**Parental Controls Lock Icon** Displayed when Parental Controls are locked.

**Commercial Skip Timer 00:00:30** Corresponds to the SKIP button. Shows the amount of time left before the TV switches back to the previous channel.

**Sleep Timer 01:30** Displays the amount of time remaining before the TV turns off if you have set the sleep timer.

## Why You Should Use the Autotuning Feature

The autotuning feature tunes the TV to the correct channel for different components you have connected to your TV (like a VCR or DVD Player). When you set up autotuning in the menu system, you don't have to remember to change your TV to channel 3, for example, when you want to watch the tape in your VCR.

## How to Set Up the Autotuning Feature

The way you set up the autotuning feature in the TV's menu corresponds to the component buttons on the remote and the way you have each component connected to your TV. When you set up autotuning, you're telling the TV what channel to tune to when you press the VCR or DVD button on the remote control.

1. Press MENU (the *MAIN MENU* appears).
2. Highlight *Setup* and press OK on your remote control.
3. Highlight *Autotuning* and press OK.
4. Choose which channel you want to set:
  - Set VCR Ch/Input** Lets you set up the channel the TV tunes to when you press the VCR button.
  - Set DVD Ch/Input** Lets you set up the channel the TV tunes to when you press the DVD button.
  - Set SAT Ch/Input** Lets you set up the channel the TV tunes to when you press the SAT/CAB button.
  - Set AUX Ch/Input** Lets you set up the channel the TV tunes to when you press the AUX/HD button.
5. Press the right arrow button to select the choice that matches the way you have the component connected to this TV.

# Using the TV's Features



## Autotuning

Set VCR Ch/Input	03. . .
Set DVD Ch/Input	VID1. . .
Set SAT Ch/Input	CMPT. . .
Set AUX Ch/Input	DVI. . .

Press </> or OK to select.  
Press MENU to go to Setup Menu.

The choices and a brief explanation follow:

**N/A** Choose this if you don't have this particular component connected to the TV, or if you don't want the TV to automatically tune to the correct channel when you're using this component.

**03/04** Component is connected to the Antenna/Cable jack on the TV, and you want the TV to tune to channel 3 or 4 (VCR only) when you press the corresponding button on the remote. Reminder: make sure the component's Channel 3/4 switch is set to the appropriate channel.

**VID1** Component is connected to the VID1 Video In or S-Video In jack on the TV and you want the TV to tune to a video input channel when you press the corresponding button.

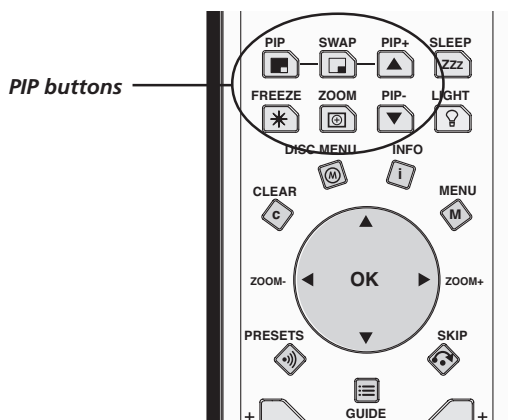
**CMPT** Component is connected to the Y Pb Pr jacks on the TV and you want the TV to tune to the component video input channel when you press the corresponding button.

**RGB** Component is connected to the RGB jack on the TV and you want the TV to tune to the RGB input channel when you press the corresponding button.

**DVI** Component is connected to the DVI jack on the TV and you want the TV to tune to the DVI video input channel when you press the corresponding button.

## PIP (Picture-in-PC) Operation

The PIP (Picture-In-PC) feature lets you display a second, smaller analog (NTSC format) picture on top of the PC picture. You will only be able to use the PIP window with analog channels.



### PIP Buttons

There are certain remote buttons that control the way the PIP window works:

**PIP** Brings up the PIP window. Press PIP again to remove the window.

**PIP+** and **PIP-** Changes the PIP channel up or down.

**ZOOM** Press to zoom in on the PIP picture. Continue to press to zoom in more.

### Using the PIP Feature

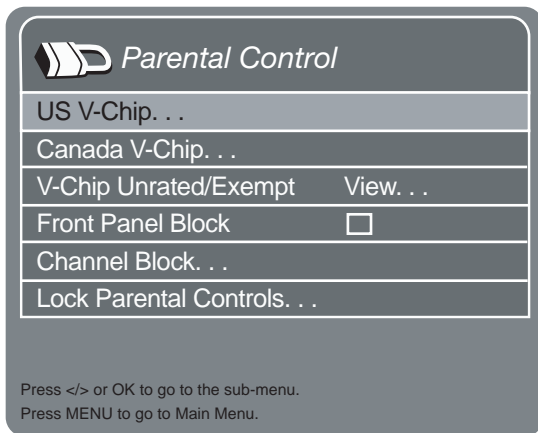
The PIP feature works with a component that is connected to your TV that has a tuner that displays analog (NTSC) channels. While you may use PIP in different ways, this basic PIP scenario should get you started. When tuned to your PC input, follow these steps.

1. Press the PIP button on the remote control. The PIP window appears on the screen.
2. Press the INPUT button to view PIP from another input channel.
3. Use the PIP+ or PIP- button to change the PIP channel.

# Using the TV's Features

## PIP Problems?

- If you press PIP and the PIP window is gray, you may have activated the Parental Control feature and the program exceeds the rating limits you set. For information on removing limits, see the following section.
- You cannot view closed captioning in the PIP window.
- PIP cannot be displayed from component (Y,Pb,Pr) inputs.



## Parental Controls

The *Parental Control* menu allows you to program your TV so that children cannot see certain programs, channels, or use the front panel controls. The *Parental Control* menu also involves software inside your TV (referred to as V-Chip) which lets you program your TV so it won't display certain programs and movies based on violence, sex, or other content you may believe children should not view. Once you block programs, you or other adults can unblock programs by entering a password to unlock video or enter the password to edit the features in the *Parental Control* menu. By default, the software inside your TV is turned "off," so if you don't want to use this feature, you can just ignore it.

## How V-Chip Works

The V-Chip software reads a code that most broadcasters send with programs. That code tells the software the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains and the TV is locked and you tune to a program whose rating exceeds the rating limit you set, you will receive a message telling you that the program is not approved for viewing.

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating and the TV is locked. You can also block out programs that have been given a rating of Not Rated, and programs that are considered unrated. The TV age-based ratings and content themes you can block are listed on the next page.



## US V-Chip Rating System

**TV-MA (Mature Audience Only)** Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).

**TV-14 (Parents Strongly Cautioned)** Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).

**TV-PG (Parental Guidance Suggested)** Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).

**TV-G (General Audience)** Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).

**TV-Y7 (Directed to Children 7 years and older)** Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.

**TV-Y (All Children)** Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.

## Canadian English V-Chip Rating System

**18+ (Adults)** Programming intended for adults 18 and older. It may contain elements of violence, language, and sexual content which could make it unsuitable for viewers under 18. Violence Guidelines: May contain violence integral to the development of the plot, character or theme, intended for adult audiences. Other Content Guidelines: May contain graphic language and explicit portrayals of nudity and/or sex.

**14+ (Viewers 14 and over)** Programming contains themes or content which may not be suitable for viewers under the age of 14. Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Violence Guidelines: May contain intense scenes of violence. Could deal with mature themes and societal issues in a realistic fashion. Other Content Guidelines: May contain scenes of nudity and/or sexual activity. There could be frequent use of profanity.

**PG (Parental Guidance)** Programming intended for a general audience but which may not be suitable for younger children (under the age of 8). Parents may consider some content inappropriate for unsupervised viewing by children aged 8-13. Violence Guidelines: Depictions of conflict and/or aggression will be limited and moderate; may include physical, fantasy, or supernatural violence. Other Content Guidelines: May contain infrequent mild profanity, or mildly suggestive language. Could also contain brief scenes of nudity.

**G (General Audience)** Programming considered acceptable for all ages groups. While not designed specifically for children, it is understood younger viewers may be part of the audience. Violence Guidelines: Will contain very little violence, either physical or verbal or emotional. Will be sensitive to themes which could frighten a younger child, will not depict realistic scenes of violence which minimize or gloss over the effects of violent acts. Other Content Guidelines: There may be some inoffensive slang, no profanity and no nudity.

# Using the TV's Features

**C8+ (Children 8 and Older)** Programming generally considered acceptable for children 8 years and over to watch on their own. Violence Guidelines: Violence will not be portrayed as the preferred, acceptable, or only way to resolve conflict or encourage children to imitate dangerous acts which they may see on television. Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. Other Content Guidelines: There will be no profanity, nudity or sexual content.

**C (Children)** Programming intended for children under age 8. Violence Guidelines: Careful attention is paid to themes which could threaten children's sense of security and well being. There will be no realistic scenes of violence. Depictions of aggressive behaviour will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature. Other Content Guidelines: There will be no offensive language, nudity or sexual content.

## Canadian French V-Chip Rating System

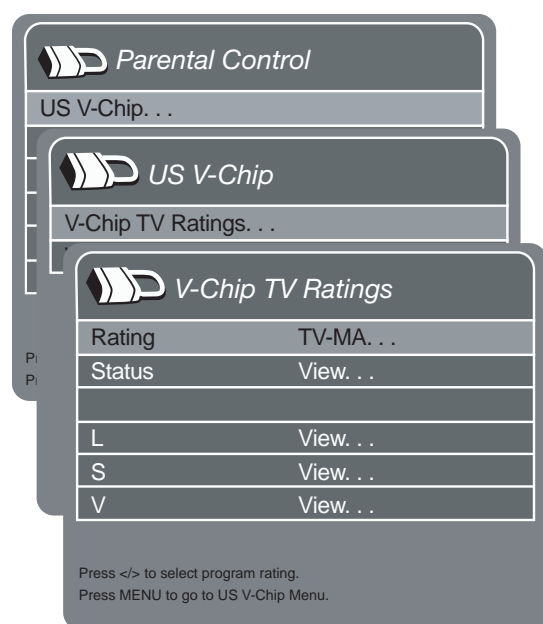
**18+ (Adults)** Programming is for adults only. This program contains sustained violence or extremely violent scenes.

**16+ (Viewers 16 and over)** Programming is not suitable for those under age 16. This program contains frequent scenes of violence or intensely violent scenes.

**13+ (Viewers 13 and over)** Programming may not be suitable for children under the age of 13. This program either contains several violent scenes or one or more scenes that are violent enough to affect them. Viewing in the company of an adult is therefore strongly recommended for children under the age of 13.

**8+ (Viewers 8 and over)** Not recommended for young children. This program is suitable for most audiences, but it contains mild or occasional violence that could upset young children. Viewing in the company of an adult is therefore recommended for young children (under the age of 8) who do not distinguish between reality and imagination.

**G (General Audience)** This program is suitable for audiences of all ages. It contains no violence, or any violence that it does contain is either minimal or is presented in a humorous manner, as a caricature, or in an unrealistic way.



## V-Chip TV Ratings

The *V-Chip TV Rating* lets you decide which TV programs can and cannot be viewed. To set TV programming limits:

1. Choose *Parental Control* from the Main menu. If *Parental Control* has previously been locked, you must enter your password.
2. Highlight and select *US V-Chip*.
3. Press OK to select *V-Chip TV Ratings*.
4. Once you get to the *V-Chip TV Ratings* screen, use the arrow buttons and OK on your remote to change the status of a TV program rating or content theme from *View* to *Block*.

Proceed to the next sections for more details about how to change the status of TV program limits.

## The V-Chip Rating Limit Screen

The following is an example of where items are located within the V-Chip TV Ratings screen.

**Rating Status Field**  
Lets you select whether the status of the age-based rating limit above is View or Block.

**Rating Field**  
Lets you select the age-based rating you want to block or view.

**Content Themes**  
Lists the content themes you can block or view.

**Content Status Fields**  
Lets you select which content themes to view for the selected rating, and whether the status of the content theme is currently View or Block.

**Rating Settings Area**  
Lets you see the current block/view state of age-based ratings and associated content.

Press </> to select program rating.  
Press MENU to go to US V-Chip Menu.

Hierarchy of Age-Based Ratings	
TV-MA	Mature Audience Only
TV-14	Parents Strongly Cautioned
TV-PG	Parental Guidance Suggested
TV-G	General Audience
TV-Y7	Directed to Children 7 years and older
TV-Y	All Children

## Blocking Age-Based Ratings

You can automatically block all program ratings above a specified age-based rating level. For example, if you only want your child to watch programs that have a TV-G rating and lower (in other words, you want the child to watch TV-G, TV-Y7, and TV-Y), then you need to block out higher ratings.

To block programs with higher ratings:

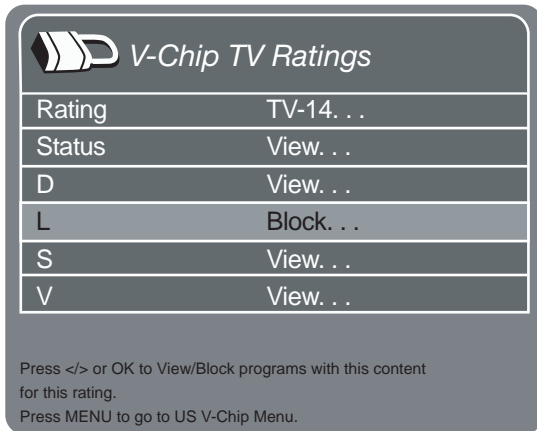
1. First, determine the lowest level rating you don't want the child to watch.
2. Highlight the lowest rating you do not want the child to watch. In the example discussed above, you would highlight TV-PG, since the highest rating you want the child to watch is TV-G.
3. Highlight *Status*. Press the OK button to toggle between *View* and *Block*. The status for the rating you chose and all higher ratings automatically change to *Block*.
4. Select *Lock Parental Controls* from the *Parental Control* menu. Enter a password and if haven't set your password, you'll need to re-enter the password a second time to confirm.

## Viewing Age-Based Ratings

After you block age-based ratings, you have the option of changing some of the ratings back to *View*.

1. Determine which blocked rating you want to view.
2. Use the up and down arrow buttons to highlight the rating with a status of *Block*.
3. Press the OK button to select *View*.

# Using the TV's Features



**V-Chip TV Ratings**

Rating	TV-14. . .
Status	View. . .
D	View. . .
L	Block. . .
S	View. . .
V	View. . .

Press </> or OK to View/Block programs with this content for this rating.  
Press MENU to go to US V-Chip Menu.

Content Themes	
D	Sexually explicit dialogue
L	Adult language
S	Sexual situations
V	Violence
FV	Fantasy Violence

## Blocking Specific Content Themes

You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

To block program content:

1. Determine the content themes you want to block.
2. Highlight *Rating*, then press the right arrow to select the age-based rating you want to change.
3. Press the down arrow button to highlight a particular content theme.
4. Press the OK button to change its status to *Block*. (In the example to the left, you block the language (L) corresponding with TV-14. The language for TV-MA is blocked as well).

**Notes:** Broadcasters are not required to provide content themes or age-based ratings.

You must remember to activate Parental Controls for rating limits to take effect.

## Viewing Specific Content Themes

1. Determine the content themes you want to change to *View*.
2. Highlight *Rating*.
3. Press the right arrow button to select the rating whose content theme you want to change, such as *Block* next to language (L) corresponding with TV-14.
4. Press the down arrow button to move the highlight to a particular content theme.
5. Press the OK button to change the status back to *View*. Your child would then be able to watch programs with the TV-14 adult language content, but not programs with TV-MA language content.

**Note:** Only the content theme status corresponding to TV-14 (L) language changes to (V) View. Higher rated content themes, such as that for TV-MA language, do not change.

## V-Chip Movie Rating Limit

You set movie rating limits by blocking movies rated above a specified rating. How to block movie ratings and view movie ratings is explained in the next two sections.

To access the *V-Chip Movie Rating* menu:

1. Press MENU on the remote control (the *MAIN MENU* appears).
2. Press the down arrow button to select *Parental Control*.
3. Select *US V-Chip*.
4. Select *V-Chip Movie Ratings*.

## Blocking Movie Ratings

If you only want your child to watch movies that have a PG rating and lower (in other words, movies rated PG and G), then you could automatically block out all other movies with higher ratings.

To block movies:

1. Highlight the rating that is the lowest rating you don't want the child to watch. (In the example above, you would highlight the rating status button corresponding to PG-13, since the highest rating you want the child to watch is PG.)
2. Press the OK button to change from *View* to *Block*. All higher ratings automatically change to *Block*.
3. If the TV is not locked, you must lock it so the movie rating limits will take effect.

**Note:** Some movies may be given a Not Rated (NR) rating. After blocking movie ratings, you must unlock NR separately in order to view movies with an NR rating.

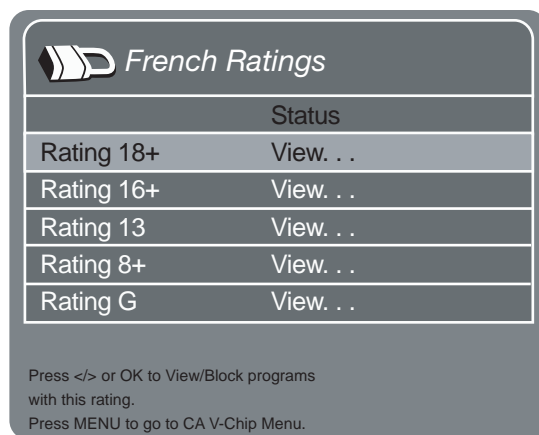
## Viewing Movie Ratings

After you block movie ratings, you have the option of changing some of the rating status buttons back to *View*:

1. Highlight the rating you want to view.
2. Press the OK button to change the button from *Block* to *View*.

For example, if movies with a rating of PG-13 and higher are blocked, you can change the rating status corresponding with NC-17. Your child would then be able to watch all movies with a G, PG, and NC-17 Rating.

3. Exit the screen, and be sure the TV is locked.



	Status
Rating 18+	View . .
Rating 16+	View . .
Rating 13	View . .
Rating 8+	View . .
Rating G	View . .

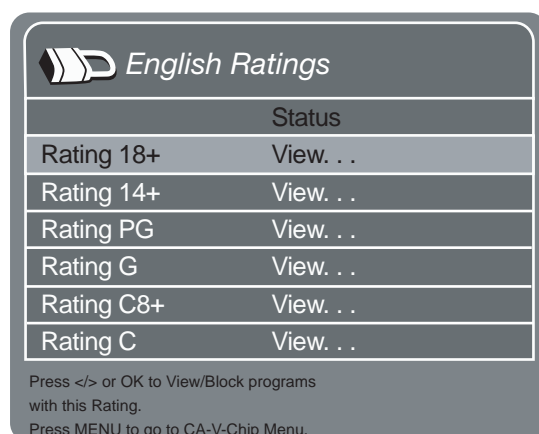
Press </> or OK to View/Block programs with this rating.  
Press MENU to go to CA V-Chip Menu.

## Blocking Canadian V-Chip Ratings

If you receive Canadian programs you can block Canadian English and French V-Chip by ratings only. When you block a particular rating, you automatically block the higher rated programs as well.

To block Canadian English and French program ratings:

1. Select *Canada V-Chip* from the *Parental Control* menu.
2. Highlight *English Ratings* or *French Ratings* and press OK.
3. Determine the rating you want to block.
4. Press the down arrow button to scroll to the rating you want to change.
5. Press the OK button to change its status to *Block*. All ratings above the one you selected change to *Block*.



	Status
Rating 18+	View . .
Rating 14+	View . .
Rating PG	View . .
Rating G	View . .
Rating C8+	View . .
Rating C	View . .

Press </> or OK to View/Block programs with this Rating.  
Press MENU to go to CA-V-Chip Menu.

# Using the TV's Features

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## V-Chip Unrated/Exempt Block

The *V-Chip Unrated/Exempt* option lets you decide if programs that the V-Chip recognizes as unrated can be viewed. Unrated TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings. The *V-Chip Unrated/Exempt* option applies to both US and Canadian unrated programs and Canadian programs rated *E*.

**View** All unrated programs are available.

**Block** All unrated programs are not available.

**Note:** *You must remember to lock Parental Controls for rating limits to take effect.*

Press the down arrow to highlight *V-Chip Unrated/Exempt*. Then press the right arrow to toggle between *View* and *Block*.

## Front Panel Block

Selecting this option lets you block (disable) or unblock (enable) the TV's front panel buttons. The remote still tunes to any channel. *Front Panel Block* can:

- Keep children from watching TV when the parent is not present.
- Keep young children from playing with the buttons on the TV.

(When using this as a *Parental Control* method, you should remove access to any remote that is capable of operating the television while you have the front panel blocked.)

Don't forget to lock the TV after you disable *Front Panel Block* (box has check mark). If you do not, the front panel block will not take effect.

**Note:** *If power to the TV is lost for more than an hour, the buttons become unblocked.*

*To temporarily override front panel block, make sure no menus are displayed on-screen. Simultaneously press and hold the MENU button on the TV's side panel and CLEAR on the remote for approximately 10 seconds.*

## Channel Block

Selecting this option lets you decide the channels you want to block. Use the number buttons to enter the channel you want to view or block, then press OK.

If the *Block* box doesn't have a check mark, the selected channel is viewable. If the box has a check mark and you tune to a blocked channel, you need to enter a password to view the channel.

Don't forget to lock parental controls after you change the status of *Channel Block*. If you don't lock Parental Controls, the channel block will not take effect.

## Lock/Unlock Parental Controls

Selecting this option lets you activate and deactivate parental control settings.

1. From the *Parental Control* menu, press the down arrow button to highlight *Lock Parental Controls*.
2. Press the OK button to activate the lock setting. Enter a password. To unlock Parental Controls, follow these same steps.

**If you do not Lock Parental Controls, none of the settings for V-Chip will take effect.**

If you forget your password you can reset it. Make sure no menus are displayed on-screen. Simultaneously press and hold VOL < on the TV's side panel and the OK button on the remote for approximately 10 seconds. Enter a new password next time you access the *Lock Parental Controls* menu.

## Additional Features

There are additional features available through the menu system, such as:

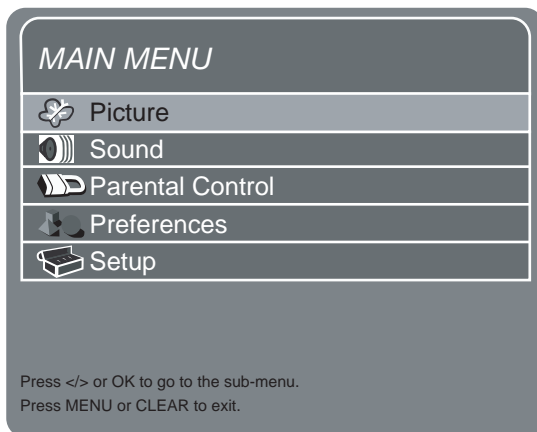
- Picture adjustments
- Sound adjustments
- Backlight adjustment
- Black level adjustment
- Noise reduction
- Film Mode (3:2 Reverse Pulldown)
- Timers

Go to the next chapter for more details.

# Chapter 4: Using the Menu System

## Menus, On-screen Help, and Control Panels

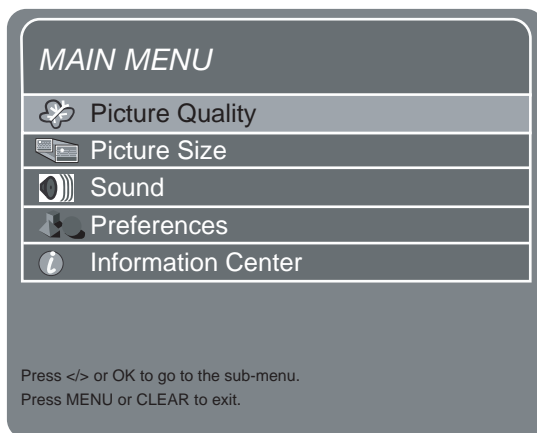
This section explores menus of your TV beginning with some information on using menus and control panels. Each menu is outlined and detailed to help you get the most from your TV. The *Parental Control* menu is discussed in the Features chapter.



The first menu you see when you press the MENU button on the remote is called the *MAIN MENU*. To use the *MAIN MENU*:

1. Press the MENU button (the *MAIN MENU* appears).
2. Use the arrow buttons (left, right, up, down) to move through the menu items.
3. Press the OK button or right arrow button to select a highlighted item in the menu.

**Note:** The *Picture*, *Sound*, *Parental Control*, and *Preferences* menus are available and can be customized for each input. If an option within a menu isn't available for an input it will be noted.



If you connect a computer to the TV, using the RGB or DVI jack, the PC *MAIN MENU* is displayed when you press the MENU button. You can make changes or view *Picture Quality*, *Picture Size*, *Sound*, *Preferences*, or *Information Center* menu. To use the PC *MAIN MENU*:

1. Press the INPUT button until the RGB or DVI (depending on which jack you're using for the computer) Input selection appears.
2. Press the MENU button (the PC *MAIN MENU* appears).
3. Use the arrow buttons (left, right, up, down) to move through the menu items.
4. Press the OK button or right arrow button to select a highlighted item in the menu.

### Exiting a menu

There are two ways to exit a menu:

- Press MENU until on-screen menus disappear.
- Press CLEAR. The on-screen displays are cleared from the screen and you return to TV viewing.

### Controls

Controls let you adjust the default settings of your TV. You can choose a setting, enter a number, or adjust a level such as tint or brightness. There are four types of controls: sliders, choice lists (check boxes, icon selections), numeric entries, and option lists.

#### Sliders

Sliders are used to select a specific point of a control that has continuous levels. To make adjustments:

1. Press the up or down arrow button to select the slider control for the feature you want to adjust.
2. Press the left or right arrow button to adjust the indicator on the slider.





# Using the Menu System

Film Mode

## Check Box

Menu Position

## Icon Selections



Enter Password: \_ \_ \_ \_

Menu Background Opaque. . .

## Choice Lists

Check boxes allow you to turn on or off an option. An icon selection lets you select only one option in a choice list.

Press the left or right arrow button or press OK to select an icon selection or turn on or off an option.

## Numeric Entries

Numeric entry fields are used to enter numbers and passwords. Use the number buttons on the remote to enter the information.

1. Use the up or down arrow button to highlight the field.
2. Use the number buttons to enter information.

## Option Lists

An option list cycles through at least two or more choices. Press OK to select the next entry in the choice field.

## Picture Menu

The *Picture* menu options apply to the video for the main TV and video input selections. The *Picture* menu displays five slider controls for adjusting the way the picture looks.

**Note:** *Picture setting options vary for each input.*

To access the Picture menu:

1. Press MENU on the remote control (the *MAIN MENU* appears).
2. Press the down arrow button on the remote control to highlight *Picture*, and then press OK. The following menu options appear, and are described in order on the following pages.

*Brightness* Adjusts the brightness of the picture.

*Contrast* Adjusts the difference between the light and dark areas of the picture.

*Color Saturation* Adjusts the richness of color.

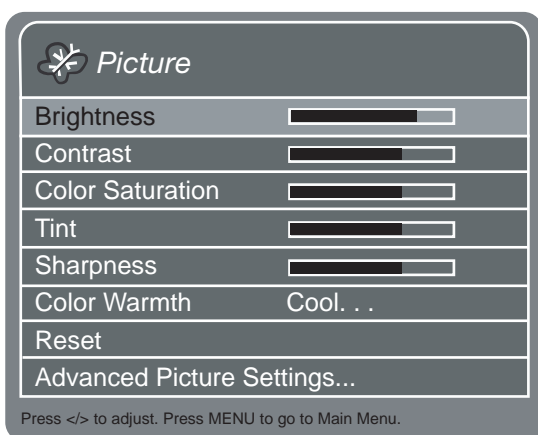
*Tint* Adjusts the balance between the red and green levels.

*Sharpness* Adjusts the crispness of the edges in the picture.

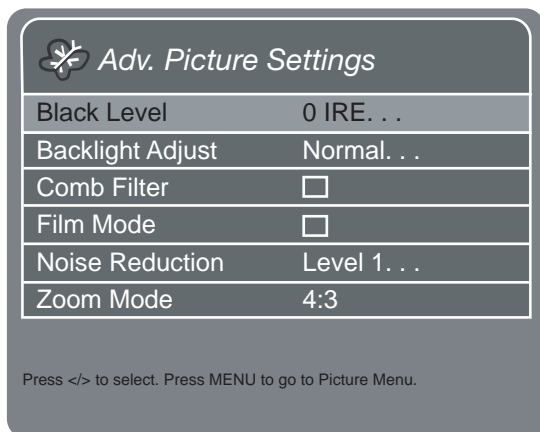
**Note:** *Sharpness for Component video (YPbPr) only adjusts up to four levels.*

*Color Warmth* Automatically adjusts the color temperature of the picture. Press the right arrow button to scroll through the color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; and *Warm* for a more red palette of picture colors.

*Reset* Resets all picture settings to their original factory settings. Highlight *Reset* and press OK for 5 seconds to reset picture settings.



# Using the Menu System



## Advanced Picture Settings

**Black Level** Adjusts the amount of light the picture emits for the darkest areas of an image. Select *0 IRE* when the dark colors appear too dark; select *7.5 IRE* to enhance the dark contrast in the picture.

**Backlight Adjust** Press the right arrow button to scroll through the adjustments to the TV screen, depending on room lighting: *Soft*; *Normal*; and *Bright*.

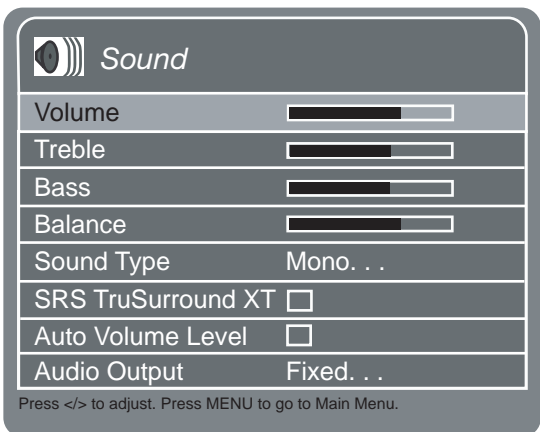
**Comb Filter** Separates the chrominance from the luminance to produce a more accurate color. If a component is connected to the TV using the composite video or S-Video and the picture lacks detail, turn on (box has check mark).

**Film Mode** (Also known as 3:2 Reverse Pulldown) Detects and converts film content for better display with minimal artifacts. If you're watching a movie, turn on (box has check mark).

**Noise Reduction** Reduces the picture "static" or any type of interference. Select *None* if the signal is clear; *Level 1* if the signal has minimal static; *Level 2* if the signal has some static; and *Level 3* if the signal has a lot of static.

**Zoom Mode** Allows you to change how the image of a 4:3 picture is displayed on your 16:9 screen: *4:3*, *Zoom 14:9*, *Zoom 16:9*, *Cinerama*, and *16:9 Widescreen*.

**Note:** *Zoom Mode options vary for DVI and RGB inputs.*



## Sound Menu

The *Sound* menu lets you adjust audio output. To access the *Sound* menu, press MENU on the remote, and then select *Sound* from the main menu.

**Volume** Increases or decreases the volume coming from the TV's speakers.

**Treble** Increases or decreases the treble.

**Bass** Increases or decreases the bass.

**Balance** Press the right arrow button to increase the audio output in the right speaker; press the left arrow button to increase the audio output in the left speaker.

**Sound Type** Press the right arrow button to scroll through the available audio types, which control the way the sound comes through your speakers: *Mono*, *Stereo*, and *SAP (Second Audio Program)*

*Mono* plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals.

Use *Stereo* to split the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio.

*SAP* plays the program's audio in a second language, if one is available. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired.

**Note:** *SAP is not available for video input channels.*

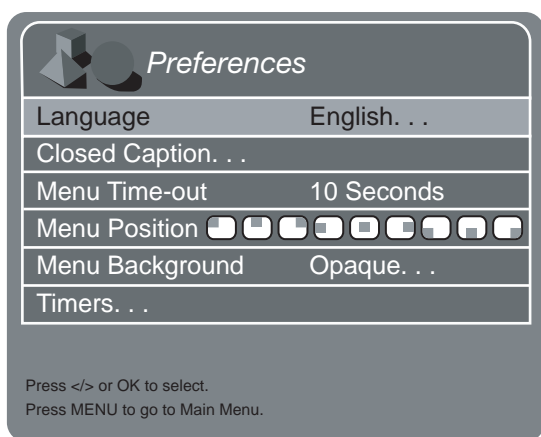
**SRS TruSurround XT** (SRS TruSurround XT) Creates a virtual surround sound from multichannel source material through any two-speaker playback system.

**Auto Volume Level** Turn on this feature to reduce blasts in volume during commercial breaks to create more consistent audio output.

**Audio Output** If you have an amplifier connected to the audio output jacks, choose *Fixed* to turn the TV speakers off and control the volume through the amplifier. Choose *Variable* when a component isn't connected to the audio output jacks.

## Parental Control Menu

The *Parental Control* menu was explained in Chapter 3. Go to page 20 for more information.



## Preferences Menu

**Language** Select your preferred language for the menus.

**Closed Caption** (only available for TV video input channel) Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. The closed caption options are:

**Closed Caption Setting** Choose the way closed captioning information is shown on the screen.

**On** Captioning information always appears, when available.

**Off** No captioning information displayed.

**On When Mute** Displays captioning information, when available, whenever the TV's sound is muted by pressing the MUTE button. The captioning information is not displayed when the sound is not muted.

**Closed Caption Mode** Choose which captioning mode is used for displaying captioning information. If you are unsure of the differences among the modes, you may prefer to leave the closed captioned mode set to CC1, which displays complete text of the program in the primary language in your area.

**CC** Displays information at any position on the screen. It overlays the text on top of the picture as it is received.

**Text** Displays information at one particular position (such as the bottom third) of the screen. You cannot see the picture underneath the text.

You can choose between eight closed caption modes, or sources:

- **CC1** and **Text1** are the primary caption and text services. The captioning or text is displayed in the same language as the program's dialog.
- **CC3** and **Text3** serve as the preferred data channels. The captioning or text is often a secondary language translation, simplified English, or displayed at a slower rate.
- **CC2** and **CC4** and **Text2** and **Text4** are rarely available and broadcasters use them only in special conditions, such as when CC1 and CC3 are not available, or Text1 and Text3 are not available.

TruSurround XT, SRS and (SRS) symbol are trademarks of SRS labs, Inc.

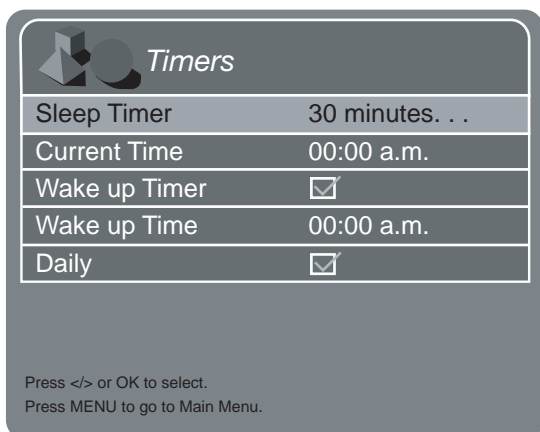
TruSurround XT technology is incorporated under license from SRS Labs, Inc.

# Using the Menu System

**Menu Time-out** Set how long you want the menus to appear on-screen (starting at 10 seconds up to 180 seconds) by pressing the left or right arrow button.

**Menu Position** Select where you want the menu to appear on the TV.

**Menu Background** Select the appearance of menu background: *Opaque* for a solid background; *Translucent* for a see-through background.



**Timers** Displays the Timers menu. The Timer options are:

**Sleep Timer** Lets you set the TV to turn off after a given time. Press the right arrow button to add 30 minutes to the clock (up to 150 minutes).

**Current Time** Lets you to set the time. If it is 8:25, for example, you must first press the number 0 on the remote, then number 8, then 2 and then 5. Press the OK button to choose between a.m. and p.m.

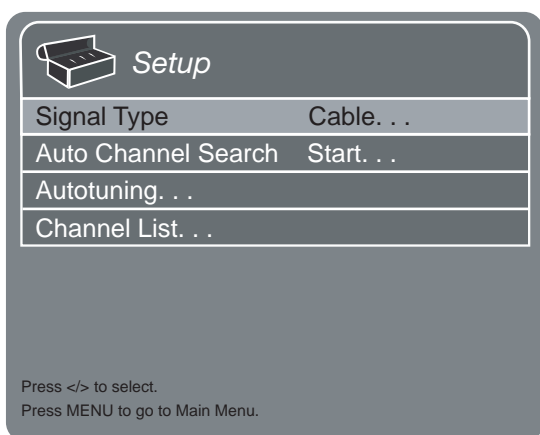
**Wake up Timer** Lets you set the TV to turn itself on.

**Notes:** When the TV turns itself on by the Wake up Timer and no remote or front panel buttons are pressed for 2 hours, the TV will turn itself off.

If the **Wake up Timer** is turned off (box unchecked), **Wake up Time** and **Daily** aren't available.

**Wake up Time** Lets you set the time you want the TV to turn itself on. Follow the same instructions as setting *Current Time*.

**Daily** Turn on (box checked) to have the Wake up Timer occur daily. If the box is unchecked, the Wake up Timer occurs only once.



## Setup Menu

**Signal Type** Press the left or right arrow button to select the signal your TV is receiving. Choose *Cable* if you are currently using cable or a cable box for TV signals. Choose *Antenna* if you are currently using an off-air antenna for TV signals.

**Auto Channel Search** Searches for channels the signal is receiving and stores them in the TV's channel list. Go to page 9 for more information.

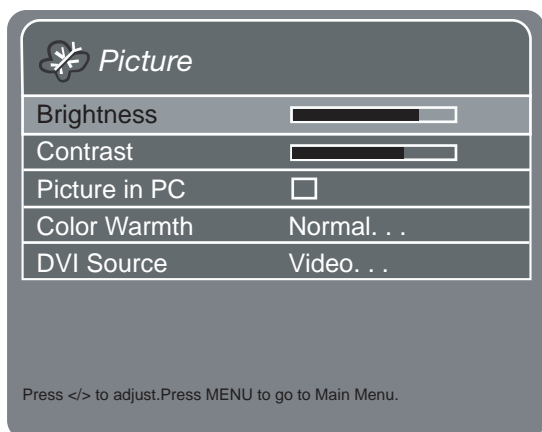
**Autotuning** Displays a choice list that lets you set up the TV to automatically tune to the correct video input channel when you press a component button (VCR, DVD, etc.) on the remote. Go to Chapter 3 for details about the autotuning feature.

**Channel List** Allows you to enter channels you want to delete or add to your channel list.

**Channel number** Use the number buttons to enter the channel number. To enter a one-digit channel, enter two zeros first. To enter a two-digit channel, enter one zero first. For example, if you want to add channel 7 to your list, press the number 0, 0, then press 7.

**In List** If you've entered a channel you want to add to the channel list, highlight *In List* and press the right arrow button to select *Yes*. If you've entered a channel you want to delete from the channel list, press the right arrow button to select *No*.





## PC Picture Quality Menu

To access these menus, press the INPUT button on your remote until your computer appears on-screen, then press the MENU button.

*Brightness* Adjusts the brightness of the picture.

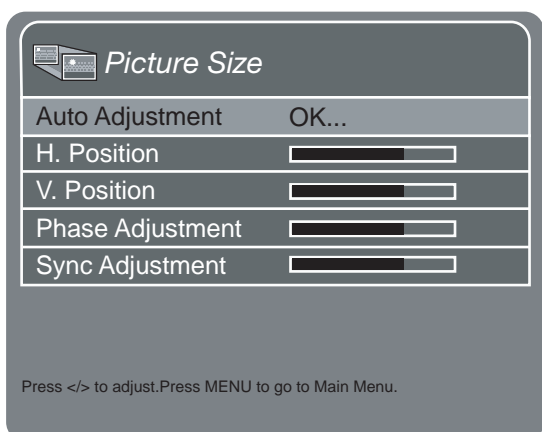
**Note:** Not available for DVI input.

*Contrast* Adjusts the difference between the light and dark areas of the picture.

*Picture in PC* Allows you to turn PIP on (box has checkmark) or off in PC mode. Go to page 19 for more information on PIP.

*Color Warmth* Press the right arrow button to scroll through the color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; and *Warm* for a more red palette of picture colors.

*DVI Source* If you have a computer connected to the DVI input, press the right arrow to select *PC* as your DVI source.



## PC Picture Size Menu

**Note:** No Picture Size options are available for DVI input.

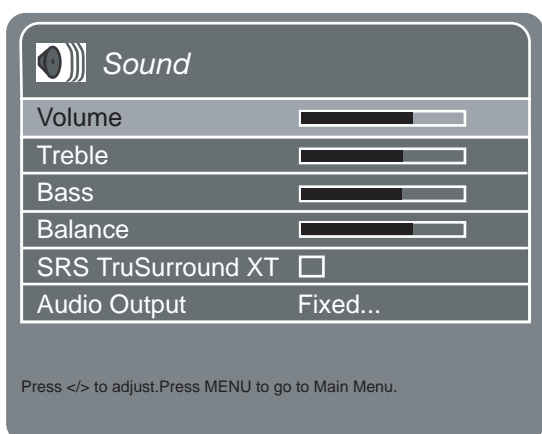
*Auto Adjustment* Adjusts the position of the picture automatically.

*H. Position (Horizontal Position)* Adjusts the picture's position left or right.

*V. Position (Vertical Position)* Adjusts the picture's position upward or downward.

*Phase Adjustment* Adjust the picture if there is flicker of screen letters, color misalignment, or blurring.

*Sync Adjustment* Adjust the picture if there is letter breakup, noise, or shimmering.




## PC Sound Menu

*Volume* Increases or decreases the volume coming from the TV's speakers.

*Treble* Increases or decreases the treble.

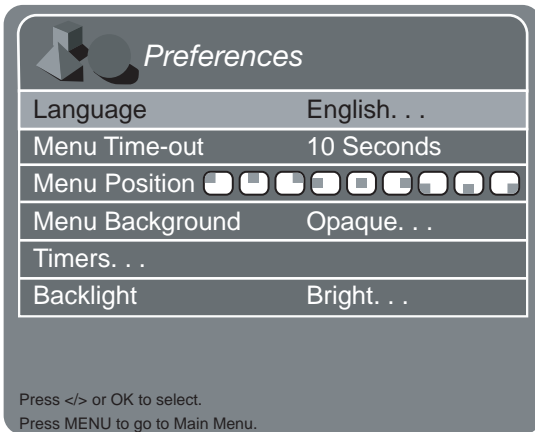
*Bass* Increases or decreases the bass.

*Balance* Press the right arrow to increase the audio output in the right speaker; press the left arrow to increase the audio output in the left speaker.

*SRS TruSurround XT*  Creates a virtual surround sound from multichannel source material through any two-speaker playback system.

*Audio Output* If you have an amplifier connected to the audio output jacks, choose *Fixed* to turn the TV speakers off and control the volume through the amplifier. Choose *Variable* when a component isn't connected to the audio output jacks.

# Using the Menu System



## PC Preferences Menu

*Language* Select your preferred language for the menus.

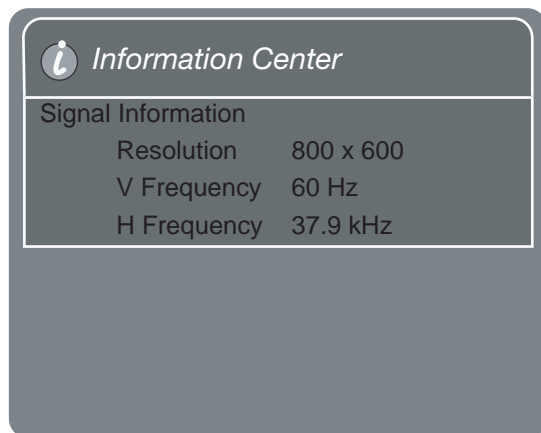
*Menu Time-out* Set how long you want the menus to appear on-screen (starting at 10 seconds and goes up to 180 seconds).

*Menu Position* Select where you want the on-screen menus to appear on the TV.

*Menu Background* Select the appearance of menu background: *Opaque* for a solid background; *Translucent* for a see-through background.

*Timers* Displays the Timers menu with options: *Sleep Timer*, *Current Time*, *Wake up Timer*, *Wake up Time*, and *Daily*. Follow the same instructions for using the Timers as in the Preferences menu.

*Backlight* Press the right arrow button to scroll through the adjustments to the TV screen, depending on room lighting: *Soft*; *Normal*; and *Bright*.



## PC Information Center

Provides information if a PC is connected to the TV.

*Signal Information*

*Resolution* Displays the resolution of the PC.

*V Frequency* Displays the vertical frequency of the PC.

*H Frequency* Displays the horizontal frequency of the PC.

## Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

**Note for U.S. customers:** *If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359. For additional assistance while using your RCA Scenium product, please visit [www.rcascenium.com/customersupport](http://www.rcascenium.com/customersupport).*

### TV Problems

---

#### TV won't turn on

- Press the TV button.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the side panel of the TV. If the TV turns on, check the remote control solutions on page 36.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Control* menu and press OK (box won't have check mark).

#### Buttons don't work

- If you're using the remote control, press the TV button first to make sure the remote is in TV mode.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Control* menu and press OK (box won't have check mark).
- Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again.

#### TV turns off unexpectedly

- Sleep Timer might have been activated. Go to page 32 for instructions.
- Wake Up Timer turned on the TV and no remote or front panel buttons were pressed for two hours.
- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.
- Unplug TV. Wait five minutes. Plug it in again.

#### TV turns on unexpectedly

- Wake up Timer might have been activated. Go to page 32 for instructions.

#### Blank screen

- Make sure the component connected to the TV is turned on.
- Try another channel.

#### Sound problems, picture okay

- Maybe the sound is muted. Try pressing the volume up button to restore sound.
- If using DVI, RGB, S-Video or Y, Pb, Pr, remember to also connect the component's left and right audio output jacks to the corresponding TV's AUDIO jacks.
- Make sure the *Volume* option in the *Sound* menu is turned up.
- Make sure headphones aren't connected to the headphones jack.
- If sound is only coming from one speaker, you might have only connected the mono cable to the L AUDIO IN jack. Access the *SOUND* menu, highlight *Sound Type* and then choose *Mono*.

#### Can't select certain channel

- Channel may be blocked or not approved through the V-Chip.
- If using a VCR, check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

#### Noisy stereo reception

- May be a weak station. Access the *SOUND* menu, highlight *Sound Type* and then choose *Mono*.

# Other Information

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## No picture, no sound but TV is on

- Maybe the signal type is set wrong. Go to page 32 for detailed instructions.
- The channel might be blank — change channels.
- If you're watching your VCR and it's connected with coaxial cable to the Antenna/Cable jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

## Sound okay, picture poor

- Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
- Try using the advanced picture settings to improve the picture. Go to page 30 for more instructions.

## Black box appears on the screen

- Closed caption might be on. Check *Closed Caption* in the *Preferences* menu. Go to page 31 for more instructions.

## The Remote Control Doesn't Work

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- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the component that you're trying to operate.
- Maybe remote is not in TV Mode. Press the TV button so remote will control TV.
- Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote.
- When using the Learning feature, do the learning process in low light areas to prevent natural light and fluorescent light interfering with the infrared signals.
- For Volume Punchthrough, remember to program the AUDIO button on the TV's remote control to operate your audio receiver or amplifier. Go to page 15 for instructions. If you can't program this remote to operate your audio receiver, Volume Punchthrough won't work.

## Problems with V-Chip/Parental Controls

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### The rating limits don't work

- You must activate the settings. Go to the *MAIN MENU* (press MENU on your remote), select *Parental Control*, highlight and turn on *Lock Parental Controls* (box has check mark).

### I don't remember my password and I want to unlock the TV

- If you forget your password you can reset it. Make sure no menus are displayed on-screen. Simultaneously press and hold VOL < on the TV's side panel and the OK button on the remote for approximately 10 seconds. Enter a new password next time you access the *Lock Parental Controls* menu.

### The V-Chip won't let me watch a program even though it's not rated as violent.

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must unlock *NR* separately in order to view movies with an NR rating.

## Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.

You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

**The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.**

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, never place drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.



## Limited Warranty

### What your warranty covers:

- Defects in materials or workmanship.

### For how long after your purchase:

- One year from date of purchase for labor charges.
- One year from date of purchase for parts.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

### What we will do:

- Provide you with a new, or at our option, a refurbished unit.
- The exchange unit is under warranty for the remainder of the original product's warranty period.

### How you get service:

- Call 1-866-SCENIUM and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your unit.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

### What your warranty does not cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your television. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A television purchased or serviced outside the U.S.A.
- Acts of nature, such as but not limited to lightning damage.

### Product Registration:

- Please complete and mail the Product Registration Card packed with your television. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

### Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**

# Other Information

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- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

## **How State Law relates to warranty:**

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

## **If you purchased your television unit outside the United States:**

- This warranty does not apply. Contact your dealer for warranty information.

**Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.**

## Accessory Information

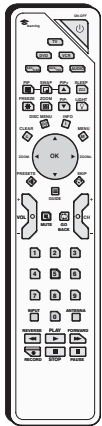
Below are accessories available to compliment your product. Prices are subject to change without notice. All accessories are subject to availability.

A shipping and handling fee will be charged upon ordering, and we are required by law to collect the appropriate sales tax for each individual state, county and locality to which the merchandise is being sent.

### How to Order

To place your order by phone, have your Visa, MasterCard or Discover Card ready and call the toll-free number listed below. Use this number only to place an order for accessory items listed on this page.

**1-800-338-0376**



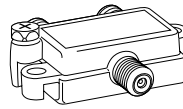
**Remote Control:** This is the remote control that came packed with your TV. Replacements or spares can be ordered as needed.

RCN615TELM1 265087 (price not available at time of printing)



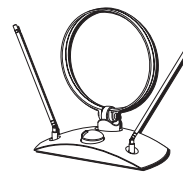
**Standard Audio/Video cable** with RCA-type phono plugs.

VH83 \$5.95



**2-way Signal Splitter:** Helps you connect to a second TV or VCR.

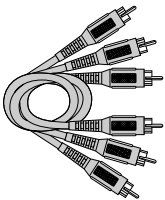
VH47 \$3.95



**Amplified VHF/UHF/FM**

**Antenna:** Allows you to easily switch from the antenna signal to cable or satellite easily without disconnecting antenna.

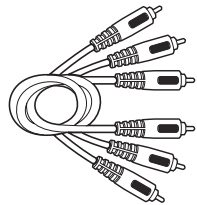
ANT200 \$49.95



**Component Video Cables:** Connect to the 15 pin D-sub to component cable adapter and connect the other end to Y, Pr, Pb jacks.

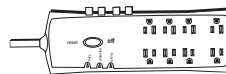
DT6DC (6-ft) \$24.95

DT12DC (12-ft) \$34.95



**Stereo VCR Dubbing Audio/Video Cable:** A triple gold-tipped cable that lets you connect the video and audio jacks of stereo components.

VH84 (6-ft) \$9.95



**Surge Protector:** Provides eight outlets, coaxial and telephone line protection. Audible alarm for surge failure.

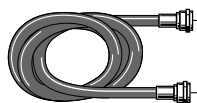
SCTV4000C \$49.95



**S-Video Cable:** Has multi-pin connectors on each end for connecting S-Video components to your TV.

VH976 (6-ft) \$7.95

VH913 (12-ft) \$14.95



**Screw-on Cable:** Attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. The ends screw onto the connectors for a secure connection.

VH81 (3-ft) \$3.95

VH82 (6-ft) \$4.95



**ATSC21 HDTV set-top box** receives ATSC high-definition digital signal broadcasts (check with your dealer for availability).

## FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: RCA Scenium  
Model(s): LCDX2722W and LCDX3022W  
Equipment Classification: Computer Peripheral Device  
Responsible Party: Thomson, Inc.  
10330 N. Meridian St.  
Indianapolis, IN 46290  
Telephone (580) 634-0151

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

## Visit the RCA Scenium web site at [www.rcascenium.com](http://www.rcascenium.com)

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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**10330 North Meridian Street**  
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