

RCA

LED Television User's Guide

Pro:Idiom MPEG4 Lodging Television





J32LED750

J42L750

Changing Entertainment. Again.



Important Information

 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN		 The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.		The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Product Registration

Please fill out the product registration card (packed separately) and return it immediately. For US customers: Your RCA Consumer Electronics product may also be registered at <http://www.rcacommercialtv.com>. 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 in case you need them. These numbers are located on the product.

Model No. _____

Serial No. _____

Purchase Date: _____

Dealer/Address/Phone: _____

NOTE TO CABLE TV INSTALLER

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code 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 the cable entry as practical.

Important Information

CAUTION

Do not attempt to modify this product in any way without written authorization from RCA. Unauthorized modification could void the user's authority to operate this product.

CAUTION

THESE SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.

WARNING

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

CAUTION

When used outside of U.S., other power-supply cords may be used if the cord is approved by the local regulating agency.

CLEANING AND DISINFECTION

Clean the exterior of this television by removing dust with a lint-free cloth.

CAUTION: To avoid damage to the surface of the television, do not use abrasive or chemical cleaning agents.

This apparatus with class I construction shall be connected to a main socket outlet with a protective earthing connection.

Important Information

DISCONNECTING DEVICE FROM MAINS

Main plug is the disconnecting device. The plug must remain readily operable.

IMPORTANT SAFEGUARDS FOR YOU AND YOUR NEW PRODUCT

YOUR PRODUCT HAS BEEN MANUFACTURED AND TESTED WITH YOUR SAFETY IN MIND. HOWEVER, IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARDS. TO AVOID DEFEATING THE SAFEGUARDS THAT HAVE BEEN BUILT INTO YOUR NEW PRODUCT, PLEASE READ AND OBSERVE THE FOLLOWING SAFETY POINTS WHEN INSTALLING AND USING YOUR NEW PRODUCT, AND SAVE THEM FOR FUTURE REFERENCE. OBSERVING THE SIMPLE PRECAUTIONS DISCUSSED IN THIS MANUAL CAN HELP YOU GET MANY YEARS OF ENJOYMENT AND SAFE OPERATION THAT ARE BUILT INTO YOUR NEW PRODUCT.

Note

- If the TV feels cold to the touch, there may be a small "flicker" when it is turned on. This is normal, there is nothing wrong with the TV.
- Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the TV's performance.
- Avoid touching the LED screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.

REGULATORY INFORMATION

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 when the equipment is operated in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE
(RCA Commercial Electronics)
(TELEPHONE NO : 1-800-RCA-2161)

IMPORTANT SAFETY INSTRUCTIONS

Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with 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.

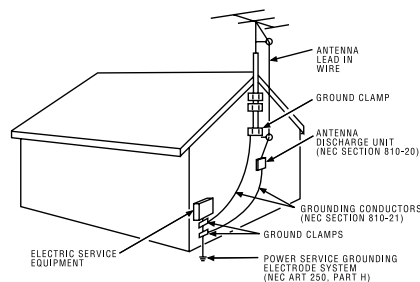


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Chapter 1: Connections and Setup

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all devices 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 device(s) before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions at the beginning of the User's Guide.

Protect Devices from Overheating

- Don't block ventilation holes on any of the devices. Arrange the devices so that air can circulate freely.
- Don't stack devices.
- If you place devices 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 devices.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place devices above the TV, route all cables down the side of the back of the TV instead of straight down the middle.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.
- Use shielded interface cables with ferrite cores to maintain compliance for this product.

Use Indirect Light

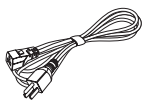
Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

Remote Control

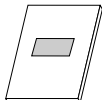
You will need a master remote or USB Cloner to set up the TV. Contact your RCA Commercial Distributor to purchase these.

Check Supplied Parts

Check that the following parts were packed with your product.



Power Cord



Owner's Manual



Stand Base



Stand Body



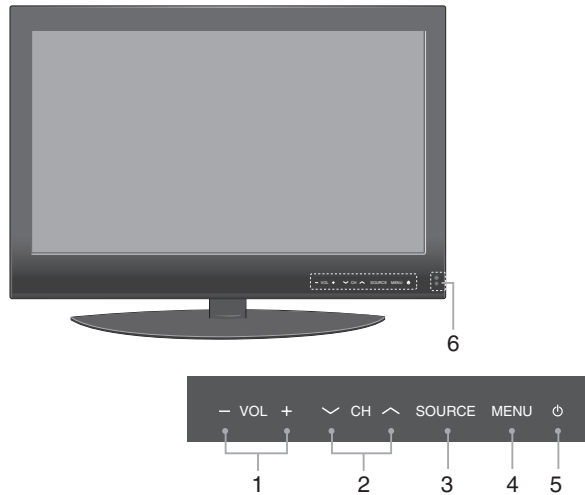
Remote
(Optional)

Note

- If you need to replace your remote, call 1-800-RCA-2161. A shipping and handling fee, and the appropriate sales tax, will be charged upon ordering.
- Stand Base, Stand Body images shown may differ from your TV.

Chapter 1: Connections and Setup

Front Panel



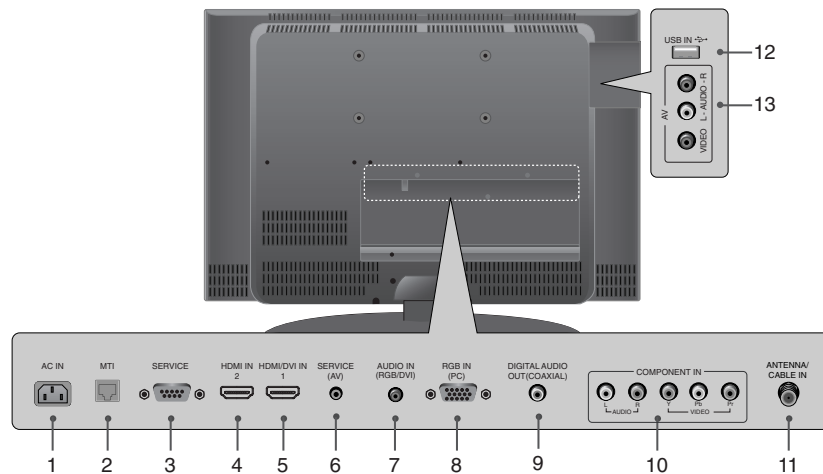
- 1. VOL- / VOL+**
Adjusts sound level and menu settings.
- 2. CH \downarrow / CH \uparrow**
Select a channel.
- 3. SOURCE**
Selects the **TV**, **AV**, **COMPONENT**, **HDMI1**, **HDMI2** or **PC** mode.
- 4. MENU**
Display on screen menus.
- 5. POWER**
Switches the set on or off.
- 6. Power Indicator**
Illuminates to bright blue when the TV is on. When the TV is powered off, this LED is also off.
Remote control sensor
Accepts the IR signal of remote controller.

Note

- Image shown may differ from your TV.

Chapter 1: Connections and Setup

Rear Panel



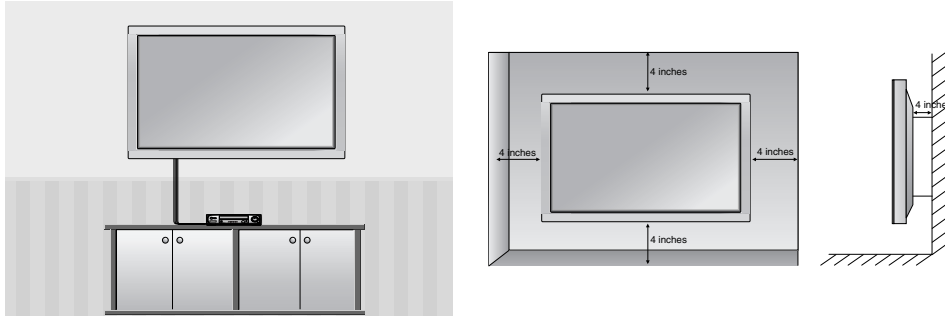
- 1. AC IN**
This TV operates on AC power.
- 2. MTI**
- 3. SERVICE**
This port is used for service.
- 4. HDMI IN2**
Connect to the HDMI jack for device with HDMI output.
- 5. HDMI/DVI IN1**
Connect to the HDMI jack for device with HDMI output.
This input can also be used as a DVI connection with separate analog audio inputs.
- 6. SERVICE (AV)**
This port is used for service.
- 7. AUDIO IN (RGB/DVI)**
Connect to the audio output jack on your PC.
- 8. RGB IN (PC)**
Connect to the video output jack on your PC.
- 9. DIGITAL AUDIO OUT (COAXIAL)**
Connect digital audio to various types of equipment.
- 10. COMPONENT IN (Y/Pb/Pr)**
Video/Audio inputs for Component.
- 11. ANTENNA/CABLE IN**
Connect to your antenna or cable box for TV signal.
- 12. USB IN (SERVICE ONLY)**
Used for software updates.
- 13. AV**
Connects to your Audio/Video devices using a composite (Yellow/Red/White) cable.

Note

- Image shown may differ from your TV.

Chapter 1: Connections and Setup

Wall mount Installation

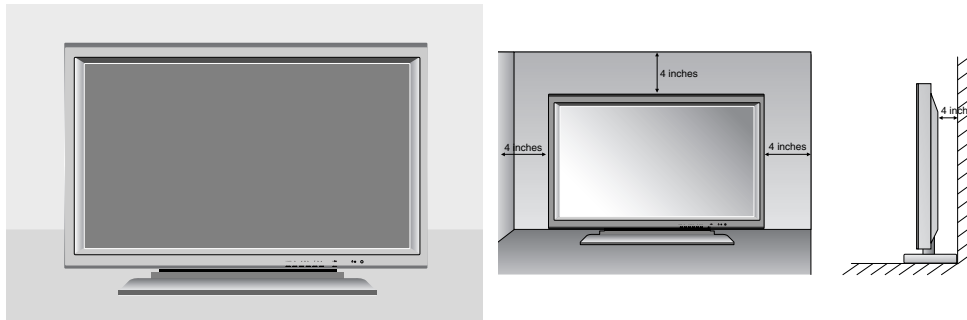


The set can be installed on a wall as shown above.
For proper ventilation, allow a clearance of 4 inches on all four sides from the wall.
Detailed instructions are available from your dealer, refer to the optional Wall Mounting Bracket Installation and Setup Guide. (Wall Mount Sold Separately)

Note

- This Television should be installed by a Qualified Service Personnel.

Desktop Pedestal Installation



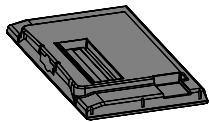
The set can be mounted on a desk as shown above.
For proper ventilation, allow a clearance of 4 inches on each side from the wall.
Detailed instructions are available from your dealer.

Note

- Image shown may differ from your TV.

Chapter 1: Connections and Setup

Parts for stand assembly



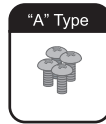
TV



Stand Body



Stand Base



"A" Type

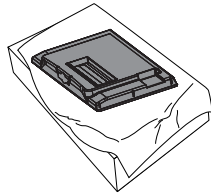


"B" Type

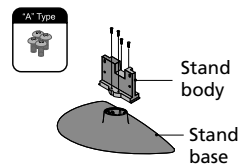
4 - A type bolts
4 - B type bolts

Chapter 1: Connections and Setup

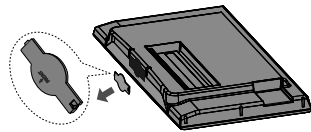
Stand Installation



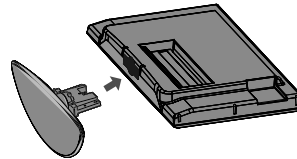
1. Carefully place the product screen side down on a cushioned surface that will protect the product and screen from damage.



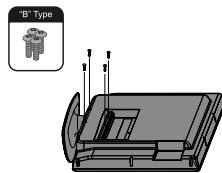
2. Using the screws provided assemble the stand body with the stand base as shown.



3. Remove the included stand cover from the product.



4. Assemble the product stand with the product as shown.



5. Install the 4 bolts securely, in the back of the product in the holes provided.

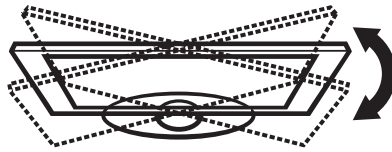
Note

- Image shown may differ from your TV.
- When mounting TV on the wall, install the included Stand Cover over the hole for the stand. Press the Stand Cover into the TV until you hear it click.

Chapter 1: Connections and Setup

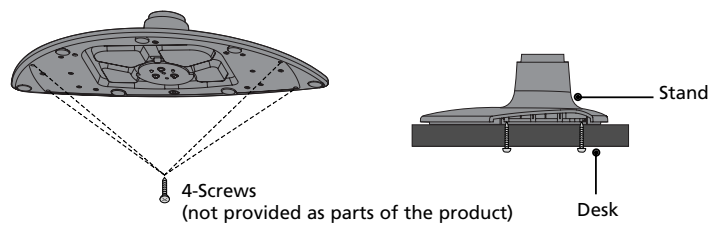
Swivel Stand

The TV can be conveniently swiveled on its stand 90° to the left or right to provide the optimum viewing angle.

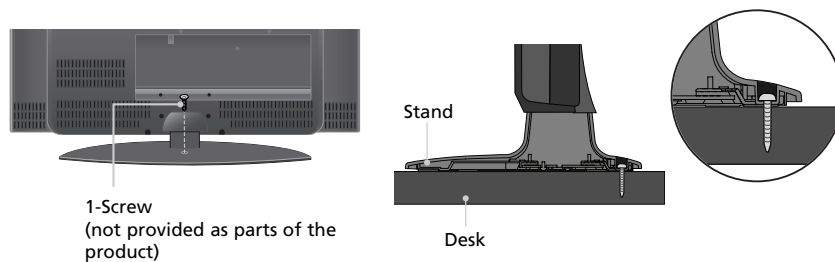


Attaching the TV to a desk

The TV must be attached to a desk so it cannot be pulled in a forward/backward direction, potentially causing injury or damaging the product.



* Screws - M5 x L (Table depth + 8~10 mm)
ex) table depth: 15mm, Screws: M5 x 25

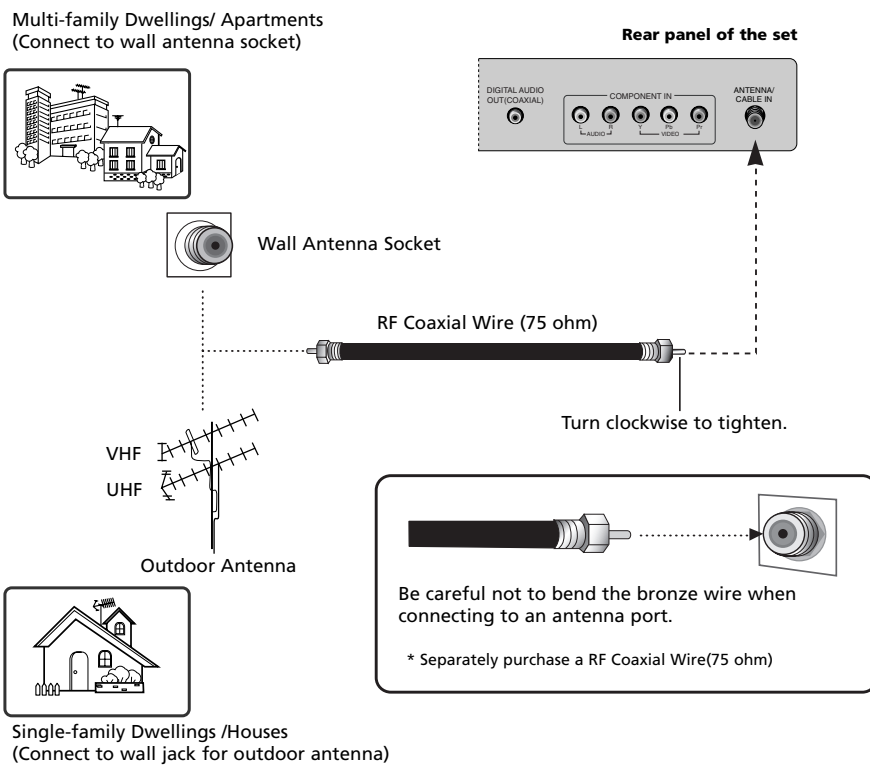


WARNING

To prevent TV from falling over, the TV should be securely attached to the floor/wall per installation instructions. Tipping, shaking, or rocking the machine may cause injury.

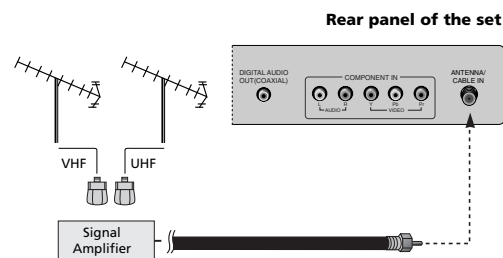
Chapter 1: Connections and Setup

Antenna Connection



Note

- To improve the picture quality in a poor signal area, please purchase a signal amplifier and install properly.
- If the antenna is not installed properly, contact your dealer for assistance.

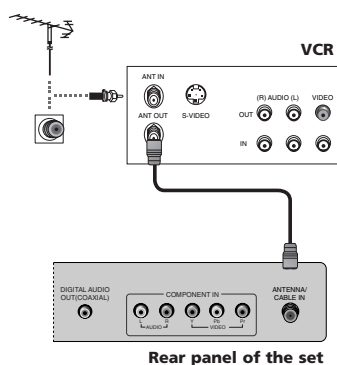


Chapter 1: Connections and Setup

VCR Connection

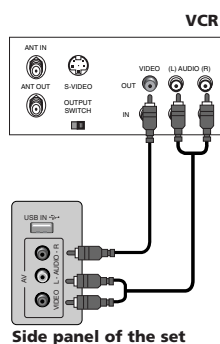
- To avoid picture noise (interference), leave an adequate distance between the TV and the VCR.

■ When connecting with an antenna



1. Connect the Antenna out socket of the VCR to the Antenna input socket on the TV.
2. Power up the VCR and Television.
3. Tune the TV to the channel output by the VCR. (typically ch.3 or 4.)
4. Refer to the VCR manual for operating instructions.

■ When connecting with an RCA cable

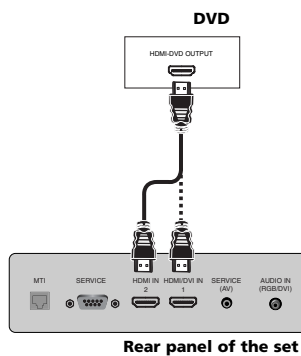


1. Connect the AUDIO/VIDEO port between TV and VCR. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
2. Insert a video tape into the VCR and press **PLAY** on the VCR.
3. Select the **AV** input source using the **INPUT** button on the remote control.
4. Refer to the VCR manual for operating instructions.

Chapter 1: Connections and Setup

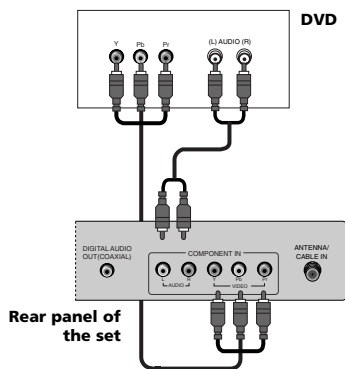
DVD Connection

■ When connecting with a HDMI cable



1. Connect the **HDMI** output of the DVD to the **HDMI IN1** or **HDMI IN2** port on the set.
2. Select **HDMI1** or **HDMI2** input source using the **INPUT** button on the remote control.
3. Refer to the DVD player's manual for operating instructions.

■ When connecting with a Component cable



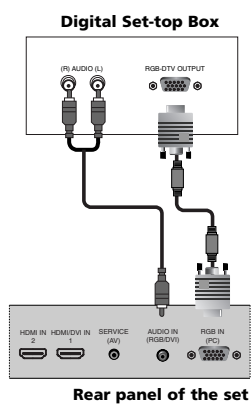
1. Connect the video outputs (Y, Pb, Pr) of the DVD to the **COMPONENT VIDEO(Y, Pb, Pr)** port on the set.
2. Connect the audio outputs of the DVD to the **COMPONENT AUDIO L, R** port on the set.
3. Turn on the DVD player, insert a DVD.
4. Select **COMPONENT** source using the **INPUT** button on the remote control.
5. Refer to the DVD player's manual for operating instructions.

Chapter 1: Connections and Setup

HDSTB Connection

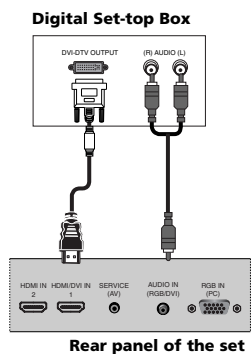
- This TV can receive Digital Over-the-air/Cable signals without an external digital set-top box. However, if you do receive Digital signals from a digital set-top box or other digital external device, refer to the figure as shown below.

■ When connecting with a D-Sub 15 pin cable



1. Connect the **RGB** output of the digital set-top box to the **RGB IN (PC)** port on the set.
2. Connect the audio outputs of the set-top box to the **AUDIO IN (RGB/DVI)** port on the set.
3. Turn on the digital set-top box.
4. Select **PC** input source using the **INPUT** button on the remote control.
5. Refer to the digital set-top box manual for operating instructions.

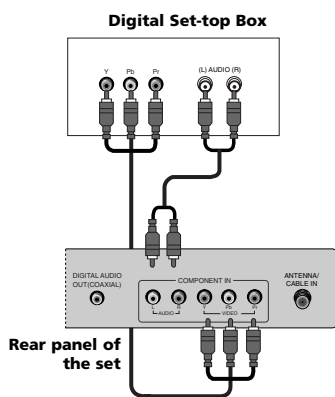
■ When connecting with a HDMI to DVI cable



1. Connect the DVI output of the digital set-top box to the **HDMI/DVI IN1** port on the set.
2. Connect the audio outputs of the set-top box to the **AUDIO IN (RGB/DVI)** port on the set.
3. Turn on the digital set-top box.
4. Select **HDMI1** input source using the **INPUT** button on the remote control.
5. Refer to the digital set-top box manual for operating instructions.

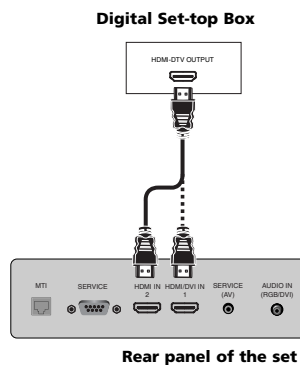
Chapter 1: Connections and Setup

■ When connecting with a Component cable



1. Connect the video outputs (Y, PB, PR) of the digital set-top box to the **COMPONENT VIDEO (Y, Pb, Pr)** port on the set.
2. Connect the audio outputs of the digital set-top box to the **COMPONENT AUDIO L, R** port on the set.
3. Turn on the digital set-top box.
4. Select **COMPONENT** source using the **INPUT** button on the remote control.
5. Refer to the digital set-top box manual for operating instructions.

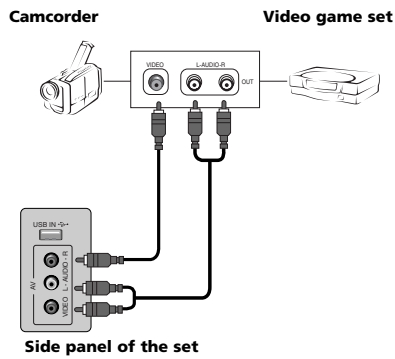
■ When connecting with a HDMI cable



1. Connect the **HDMI** output of the digital set-top box to the **HDMI IN1** or **HDMI IN2** port on the set.
2. Turn on the digital set-top box.
3. Select **HDMI1** or **HDMI2** input source using the **INPUT** button on the remote control.
4. Refer to the digital set-top box manual for operating instructions.

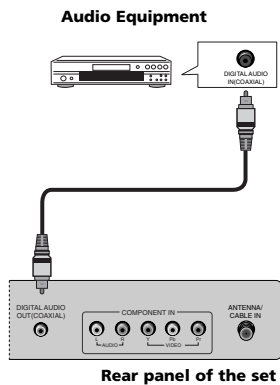
Chapter 1: Connections and Setup

External A/V Source



1. Connect the AUDIO/VIDEO port between TV and external equipment. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
2. Select the **AV** input source using the **INPUT** button on the remote control.
3. Operate the corresponding external equipment.
4. Refer to the external equipment manual for operating instructions.

Digital Audio Out

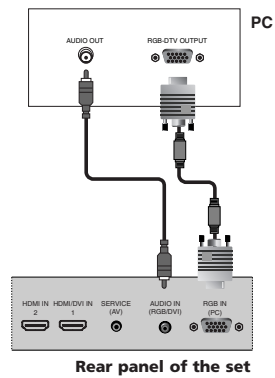


1. Connect one end of the optical cable to the TV's DIGITAL AUDIO OUT(COAXIAL) port.
2. Connect the other end of the coaxial cable to the digital audio input on the audio equipment.
3. Refer to the external audio equipment manual for operation.

Chapter 1: Connections and Setup

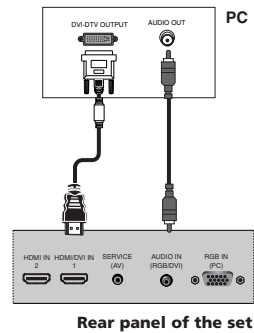
PC Connection

■ When connecting with a D-Sub 15 pin cable



1. Connect the RGB output of the PC to the **RGB IN (PC)** port on the set.
2. Connect the PC Audio Output to the **AUDIO IN (RGB/DVI)** port on the TV using a male-to-male 3.5mm mini jack.
3. Turn on both the PC and TV.
4. Select **PC** input source using the **INPUT** button on the remote control.

■ When connecting with a HDMI to DVI cable



1. Connect the DVI Output on the PC to the **HDMI/DVI IN1** Input port on the TV.
2. Connect the PC Audio Output to the **AUDIO IN (RGB/DVI)** jack on the TV using a male-to-male 3.5mm mini jack.
3. Turn on both the PC and TV.
4. Select **HDMI1** input source using the **INPUT** button on the remote control.

Chapter 1: Connections and Setup

Resolution

■ PC

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
640 x 480	31.47	59.94
800 x 600	35.16	56.25
	37.88	60.32
1024 x 768	48.36	60.00

■ HDMI

Resolution	Vertical Frequency (Hz)
480/60P	60.000
720/60P	60.000
1080/60I	60.000
1080/60P	60.000

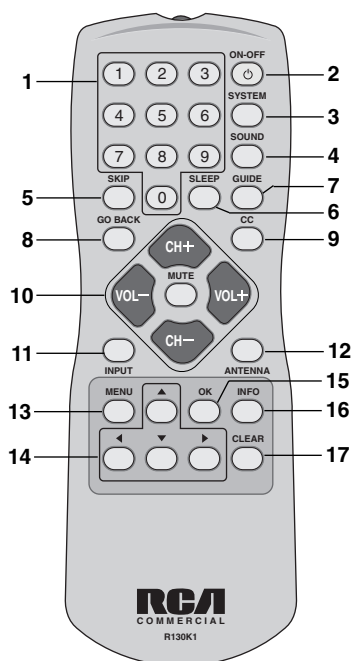
Note

- The synchronization input form is separate.
- If the resolution is not supported, 'No Signal!' message will be displayed.

Chapter 2: Using the Remote Control

Basic(User) Remote

The basic remote control (R130K1) is used by the viewer for basic operating functions. It is designed so that the viewer cannot alter certain master remote-specified features. The Sleep, Closed Captioning, and Channel Guide features can be accessed directly with remote buttons.

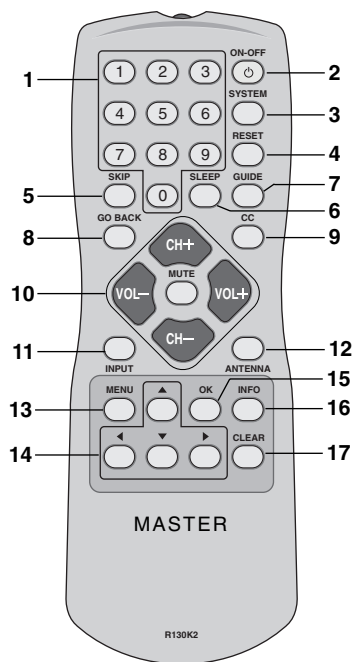


- 1. NUMBER BUTTONS**
Selects channel numbers.
- 2. ON-OFF**
Switches the set on or off.
- 3. SYSTEM**
Unused.
- 4. SOUND**
Recalls your preferred sound setting.
- 5. SKIP**
Unused
- 6. SLEEP**
Sets the sleep timer.
- 7. GUIDE**
Display "Channel List" menu.
- 8. GO BACK**
Return to the previous channel.
- 9. CC**
Select the Caption menu directly.
- 10. VOL + / VOL -**
Adjusts sound level.
CH + / CH -
Select a channel.
MUTE
Switches the sound on or off.
- 11. INPUT**
Selects the **TV**, **AV**, **COMPONENT**, **HDMI1**, **HDMI2** or **PC** mode.
- 12. ANTENNA**
Unused
- 13. MENU**
Displays "Basic" on screen menu.
There are 2 remotes for this TV;
R130K1 - user Remote. This remote displays a basic user menu when the menu key is pressed.
R130K2 - installer Remote. This remote displays an installer menu when the menu key is pressed.
- 14. Navigational Controls**
Adjusts menu settings.
Selects menu item.
- 15. OK**
Accepts your selection.
- 16. INFO**
Display the current channel information.
- 17. CLEAR**
Exit from any OSD.

Chapter 2: Using the Remote Control

Master(Installer) Remote

The master remote control (R130K2) accesses all of the TV's menus. It is used to customize the TV's functionality for specific users or specific situations.



Put Batteries in the Remote

- Remove the battery compartment cover from the back of the remote by pushing the tab and lifting off the cover.
- Insert two fresh batteries. Make sure the polarities (+ and -) are aligned correctly.
- Replace the cover.

- 1. NUMBER BUTTONS**
Selects channel numbers.
- 2. ON-OFF**
Switches the set on or off.
- 3. SYSTEM**
Unused.
- 4. RESET**
Unused.
- 5. SKIP**
Unused
- 6. SLEEP**
Sets the sleep timer.
- 7. GUIDE**
Display "Channel List" menu.
- 8. GO BACK**
Return to the previous channel.
- 9. CC**
Select the Caption menu directly.
- 10. VOL + / VOL -**
Adjusts sound level.
CH + / CH -
Select a channel.
- MUTE**
Switches the sound on or off.
- 11. INPUT**
Selects the **TV, AV, COMPONENT, HDMI1, HDMI2** or **PC** mode.
- 12. ANTENNA**
Unused
- 13. MENU**
Displays "Installer" on screen menu.
There are 2 remotes for this TV;
R130K1 - user Remote. This remote displays a basic user menu when the menu key is pressed.
R130K2 - installer Remote. This remote displays an installer menu when the menu key is pressed.
- 14. Navigational Controls**
Adjusts menu settings.
Selects menu item.
- 15. OK**
Accepts your selection.
- 16. INFO**
Display the current channel information.
- 17. CLEAR**
Exit from any OSD.

Chapter 3: How to clone TV

After you set up one television, you can copy the settings onto a USB stick and apply them to your other televisions.

You will need a properly configured USB Memory stick to learn the settings from your television. Contact RCA Commercial Distribution(1-800-RCA-2161) to obtain an RCA USB Memory stick, or setup your own memory stick by following the "Configuring your memory stick" section below.

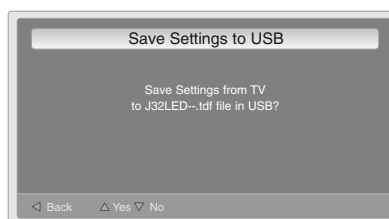
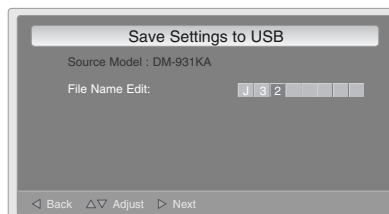
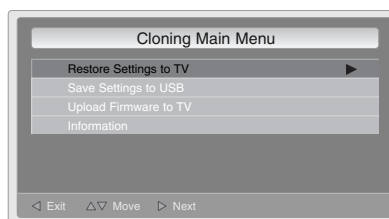
Configuring your memory stick:

To set up a USB key to you need to create a directory (folder) on the USB stick called CMSTDF.

1. Plug a USB key into the USB port of your PC.
2. Open Windows Explorer
3. Right Click on the USB drive in Windows Explorer and select "New" followed by "Folder."
4. Name the folder, "CMSTDF."

Copying settings out of television:

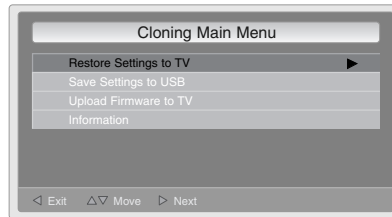
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the Setup sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Firmware Upgrade** sub-menu and then press the **OK** button.
4. Press the **Right** button to choose **Save Settings to USB** and then press the **Right** button.
5. Edit filename by pressing **Up/Down/Left/Right** keys.
6. Press the **Up** key to write settings to the USB stick
Settings will be copied to USB drive.



Chapter 3: How to clone TV

Placing settings into television from USB key:

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Firmware Upgrade** sub-menu and then press the **OK** button.
4. Press the **Right** button to choose **Restore Settings to TV** and then press the **OK** button.
5. Select the file to restore settings from the USB stick.
6. Press the **Up** key to restore settings from USB stick. Settings will be copied to USB drive.



Chapter 4: Basic Operation

Plug in the TV

Plug the end of the power cord into the back of the TV. Plug the other end into a grounded wall outlet. Insert the plug completely into the outlet. Do not plug into an outlet controlled by a light switch.

Turn on the TV

Turn on your TV by pressing the Power button on the front of the TV or ON-OFF on the remote control.

Auto Memorizing

This function automatically finds all channels available through the Antenna or Cable and stores them in memory on the channel list.

Channel Selection

You can select a channel number with the **CH + / CH -** button or NUMBER buttons.

Volume Adjustment

Press the **VOL+ / VOL-** button to adjust the sound level.

Sound Mute

Press the **MUTE** button. The sound is switched off and the mute Icon appears. To cancel mute mode, press the **MUTE** or **VOL+ / VOL-** button again.

Chapter 4: Basic Operation

Source Selection

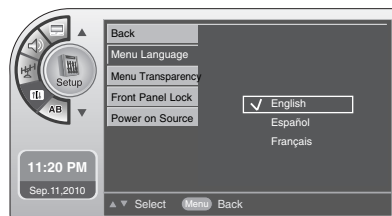
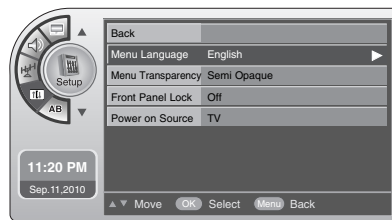
1. Press the **INPUT** button to change the input mode.
2. Press the **Down** or **Up** button to select your desired mode.
3. Press the **OK** button to change your selected mode.



Menu Language

The menus can be shown on the screen in multiple languages. First select your language.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Menu Language** and then press the **OK** button.
5. Press the **Down** or **Up** button to select your desired language: English, Español or Français.
6. Press the **MENU** button to return to the previous menu.

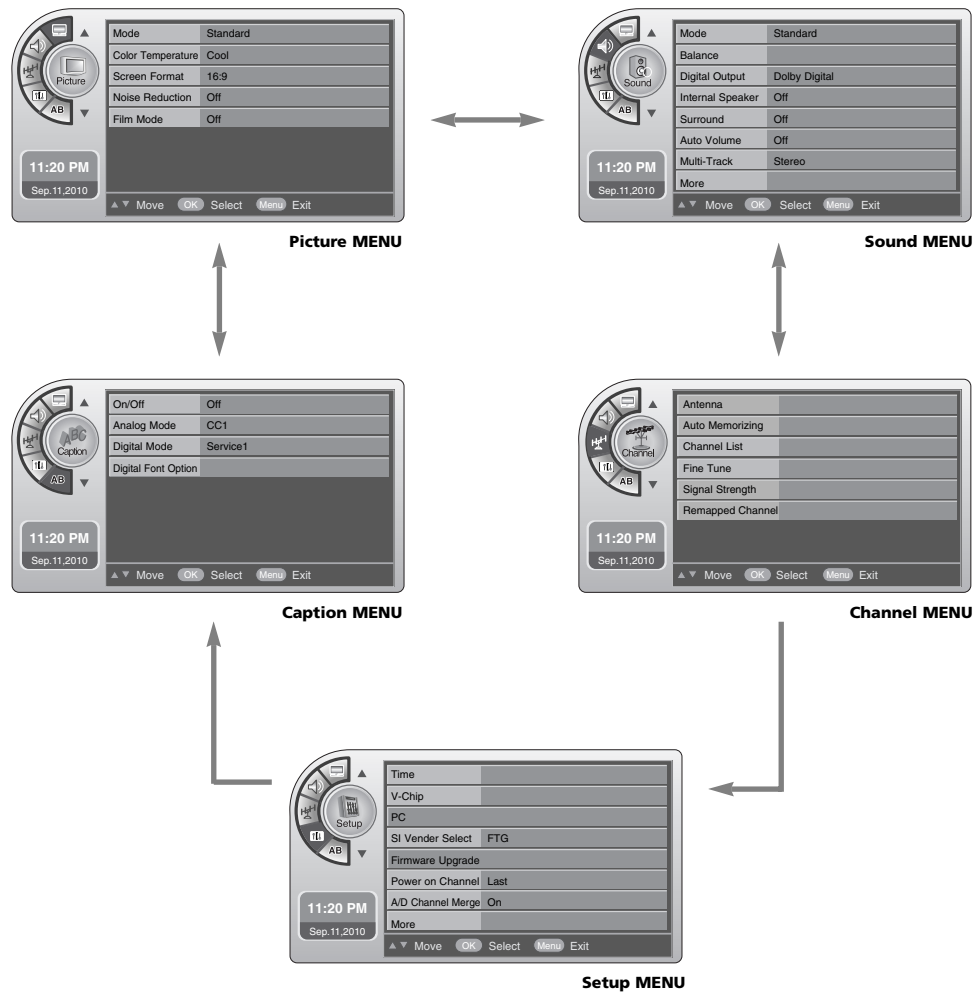


Chapter 5: Using the TV's Features

On Screen Menus

Your TV's OSD(On Screen Display) may differ slightly from what is shown in this manual.

1. Press the **MENU** button and then press the **Down** or **Up** button to select each menu.
2. Press the **OK** button and then **Down, Up, Left** and **Right** buttons to navigate to the available menus.



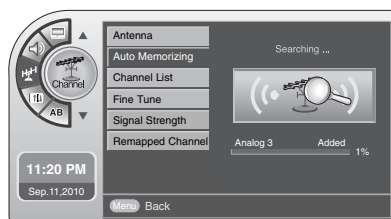
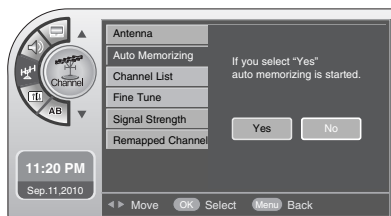
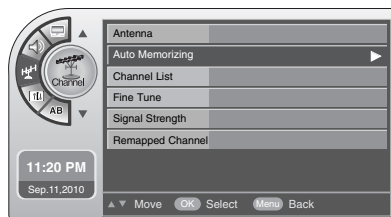
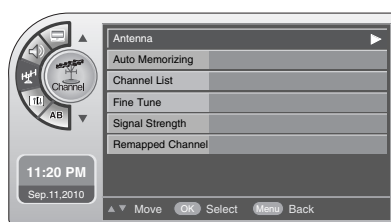
Chapter 5: Using the TV's Features

Setting up the TV Channel

Auto Memorizing (Channel Search)

Use Auto Memorizing to automatically find and store all of the channels available in the selected Tuning Band.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Channel** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Antenna** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Analog** or **Digital** and then press the **OK** button.
5. Press the **Down** or **Up** button to select **RF Air**, **Cable STD**, **Cable HRC** or **Cable IRC** and then press the **OK** button.
6. Press the **MENU** button twice and then press the **Down** or **Up** button to select **Auto Memorizing**.
7. Press the **OK** button and then press the **Left** or **Right** button to select **Yes** to start the auto search. After finding all available channels, a display appears briefly showing the number of analog and digital channels found.
8. Press the **MENU** button to return to the previous menu.



Note

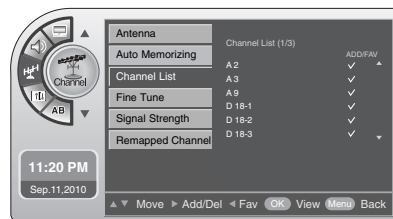
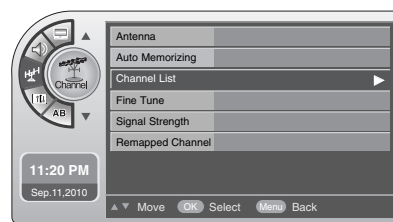
- Auto Memorizing finds channels that can be received by the TV's analog and digital tuners.
- Cable will not work unless you subscribe to a cable service.

Chapter 5: Using the TV's Features

Channel List

After the channel search, remove unwanted channels.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Channel** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Channel List** and then press the **OK** button.
4. Press the **Down** or **Up** button to highlight the channel you wish to delete and press the **Left** button. The **Left** button toggles the check mark on and off. If the check mark appears next to the channel number, the channel appears in the channel scan.
5. Press the **MENU** button to return to the previous menu.



Note

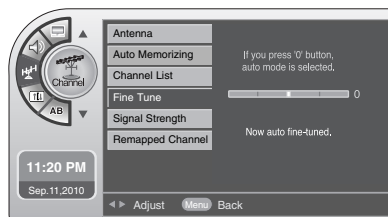
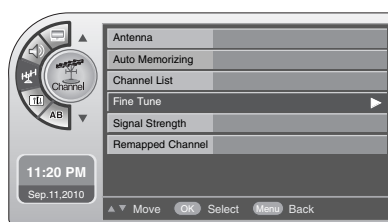
- If you delete a found channel, it isn't gone forever. Simply re-enter the Channel List menu and re-add the channel to show the check mark.

Chapter 5: Using the TV's Features

Fine Tune

If a dashed line or no color appears, the screen is unstable, therefore try channel adjustments. (This is only available for analog broadcasting.)

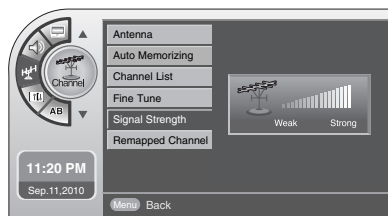
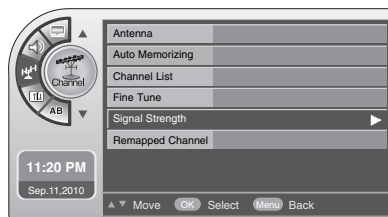
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Channel** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Fine Tune** and then press the **OK** button.
4. Press the **Left** or **Right** button to adjust.
5. Press the **MENU** button to return to the previous menu.



Digital Signal Strength

This shows the current digital signal strength as a picture. (This is only available for digital broadcasting.)

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Channel** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Signal Strength** and then press the **OK** button.
4. View the on-screen signal strength monitor to see the quality of the signal being received.
5. Press the **MENU** button to return to the previous menu.

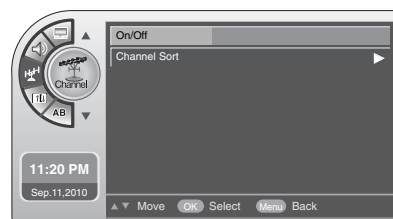
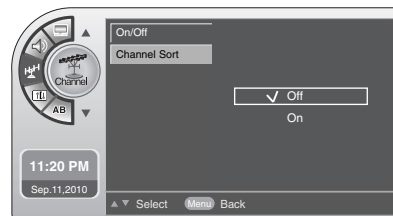
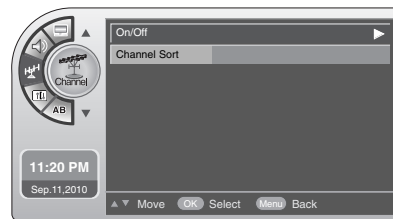


Chapter 5: Using the TV's Features

Remapped Channel

User can edit the name of channels/sources.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Channel** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Remapped Channel** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **On/Off** and then press the **OK** button.
5. Press the **Down** or **Up** button to select **Off** or **On**. When finished, press the **OK** button.
6. Press the **Down** or **Up** button to select the **Channel Sort** and then press the **OK** button.
7. Press the **Down** or **Up** button to select channel to edit name.
8. Press the **Left** or **Right** button to select an item for editing sub-name of channel and then press the **OK** button.
9. Press the **Up** or **Down** button to enter the digit or character. When finished, press the **OK** button.
10. Press the **MENU** button to return to the previous menu.



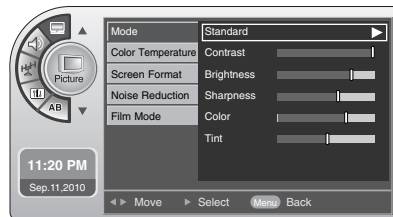
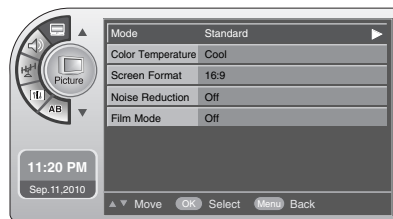
Chapter 5: Using the TV's Features

Picture Controls

Adjusting The Picture Controls

The various Picture Modes allow you to adjust the display to your viewing preference.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Picture** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Mode** and then press the **OK** button.
4. Press the **Right** button to select between **Standard**, **Dynamic**, **Mild**. When finished, press the **OK** button.
5. Press the **MENU** button to return to the previous menu.



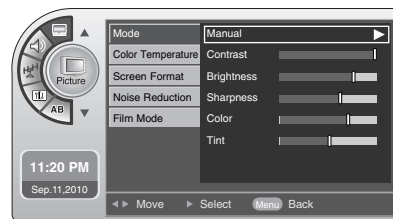
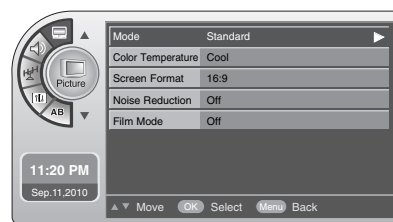
Chapter 5: Using the TV's Features

Manual Picture Controls

You can adjust picture Contrast, Brightness, Sharpness, Color and Tint to the levels you prefer.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Picture** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Mode** and then press the **OK** button.
4. Press the **Right** button to choose **Manual** and use **Down** or **Up** or **Left** or **Right** buttons to set your own settings for the options. When finished, press the **MENU** button.
5. Press the **MENU** button to return to the previous menu.

- **Contrast**
Adjusts the difference between the light and dark levels in the picture.
- **Brightness**
Increases or decreases amount of white in the your picture.
- **Sharpness**
Adjusts the level of sharpness in the edges between the light and dark areas of the picture. The lower the level, the softer the image.
- **Color**
Adjusts intensity of all colors.
- **Tint**
Adjusts the balance between red and green levels.

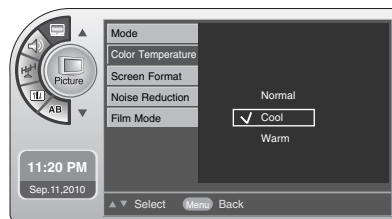
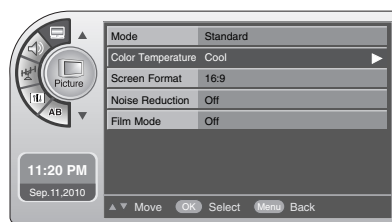


Chapter 5: Using the TV's Features

Color Temperature

Choose one of three automatic color adjustment.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Picture** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Color Temperature** and then press the **OK** button.
4. Press the **Down** or **Up** button to choose **Normal**, **Cool** or **Warm**.
When finished, press the **OK** button.
5. Press the **MENU** button to return to the previous menu.

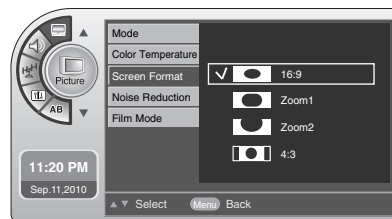
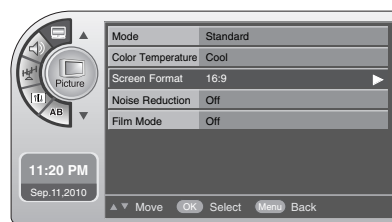


Chapter 5: Using the TV's Features

Screen Format

You can watch the screen in various picture formats. Screen size selection depends on the type of video input.

1. Press the **MENU** button to enter the on-screen menu.
 2. Press the **Down** or **Up** button to select the **Picture** sub-menu and then press the **OK** button.
 3. Press the **Down** or **Up** button to select the **Screen Format** and then press the **OK** button.
 4. Press the **Down** or **Up** button to select **16:9**, **Zoom1**, **Zoom2** or **4:3**.
 5. Press the **MENU** button to return to the previous menu.
- **16:9**
When your set receives the wide screen signal, when selected it will adjust the picture horizontally, in non-linear proportion, to fill the entire screen.
 - **Zoom1**
The following selection will allow you to view the picture without any alteration, while filling the entire screen. However, the top and bottom of the picture will be cropped.
 - **Zoom2**
Choose Zoom 2 when you wish the picture to be altered, both horizontally extended and vertically cropped. The picture adopting a compromise between alteration and screen coverage.
 - **4:3**
Following selection will lead you to view a picture with an original 4:3 aspect ratio, with black bars appearing at both the left and right sides.

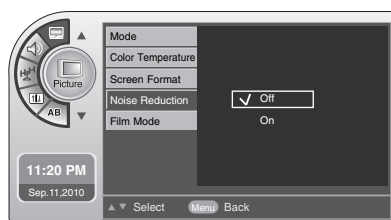
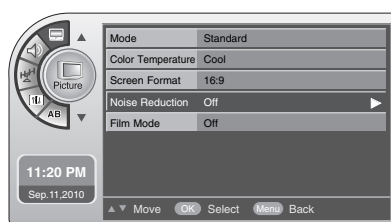


Chapter 5: Using the TV's Features

Noise Reduction

Use this feature to reduce the amount of noise, or film grain that may be present in the picture on analog channels.

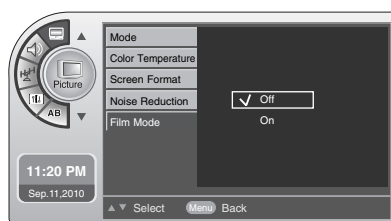
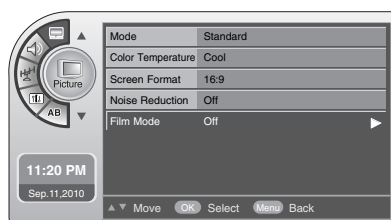
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Picture** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Noise Reduction** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.



Film Mode

The user can watch movies with a more realistic picture on analog channels. Turn Film Mode On to view movies with optimum preset picture settings.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Picture** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Film Mode** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.



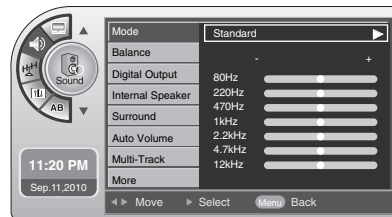
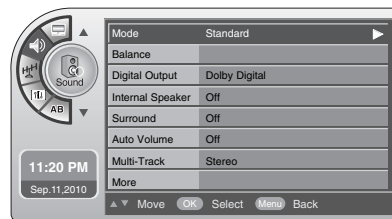
Chapter 5: Using the TV's Features

Sound Controls

Adjusting The Sound Controls

The Sound Mode preset selection will allow you to adjust the sound to your listening preference.

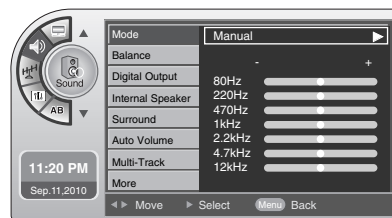
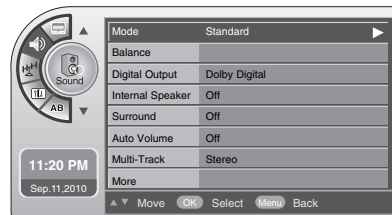
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Mode** and then press the **OK** button.
4. Press the **Right** button to select between **Standard**, **Music**, **Movie**, **Sports**, **News**. When finished, press the **OK** button.
5. Press the **MENU** button to return to the previous menu.



Manual Sound Controls

This function allows you to manually adjust the individual audio settings to your preferred levels.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Mode** and then press the **OK** button.
4. Press the **Right** button to choose **Manual** and press **Down** or **Up** or **Left** or **Right** buttons to set your own settings for the options. When finished, press the **MENU** button.
5. Press the **MENU** button to return to the previous menu.

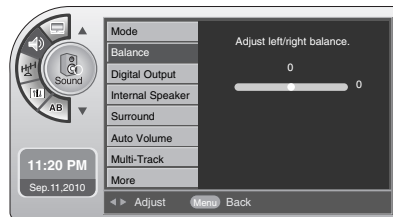
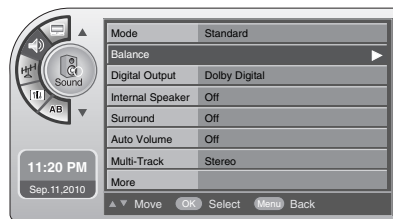


Chapter 5: Using the TV's Features

Balance

Adjust the speaker balance for optimum sound quality.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Balance** and then press the **OK** button.
4. Press the **Left** or **Right** button to move the sound more to the left or right.
5. Press the **MENU** button to return to the previous menu.



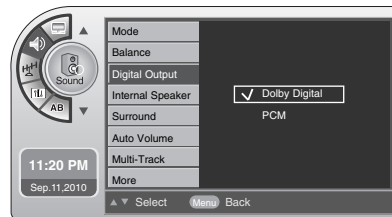
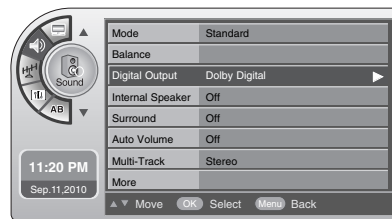
Chapter 5: Using the TV's Features

Digital Output

This option activates the Digital Audio Output. This is recommended for use with other devices capable of receiving digital audio signals. (This mode is set to Off by default)

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Digital Output** and then press the **OK** button.
4. Press the **Down** or **Up** button to select between **Dolby Digital** or **PCM**.
5. Press the **MENU** button to return to the previous menu.

- **Dolby Digital**
Television will output a digital audio signal.
- **PCM (Pulse-code modulation)**
This mode creates a digital representation of an analog signal and is only used with an audio CD signal.



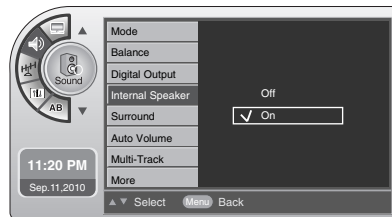
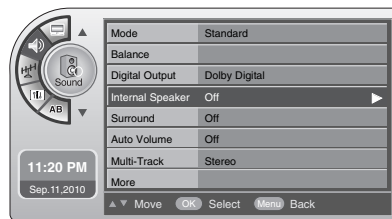
Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Chapter 5: Using the TV's Features

Internal Speakers

Internal speaker can be turned "On" or "Off" using this setting. Use this feature when connecting external audio equipment to this TV."

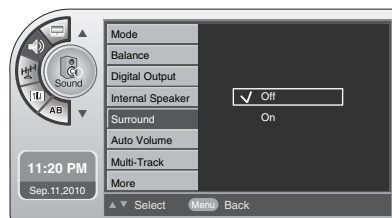
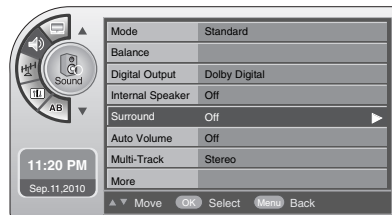
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Internal Speaker** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.



Surround

Surround sound adds an extra dimension to the depth of the sound.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Surround** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.

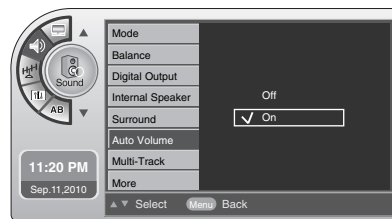
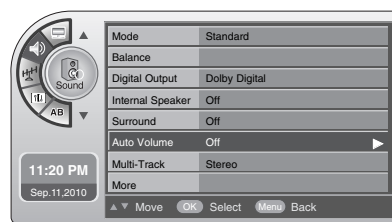


Chapter 5: Using the TV's Features

Auto Volume

This option allows the TV automatically maintain the sound level between different channels.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Auto Volume** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.

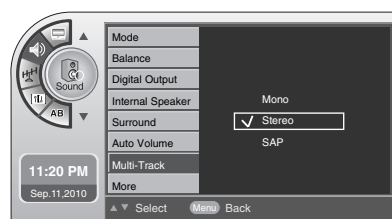
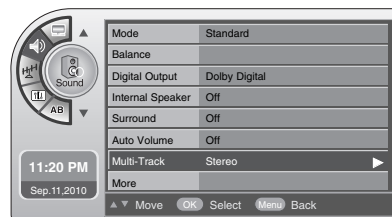


Analog Audio Settings

This TV can receive MTS stereo programs and any SAP (Secondary Audio Program) that the station may transmit.

The television will automatically switch to Mono sound if the broadcasted channel is transmitted in Mono.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Multi-Track** and then press the **OK** button.
4. Press the **Down** or **Up** button to select between **Mono**, **Stereo** or **SAP**.
5. Press the **MENU** button to return to the previous menu.

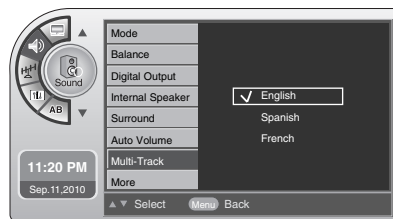
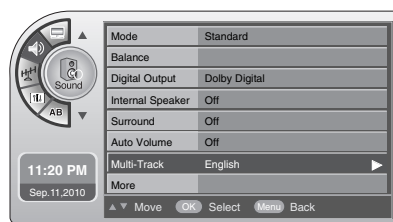


Chapter 5: Using the TV's Features

Digital Audio Language Settings

Other languages may be available if a digital signal is provided by the broadcasting station.

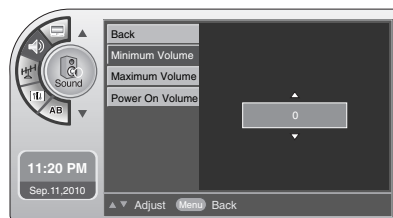
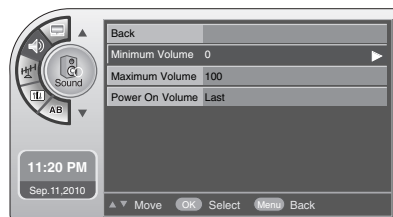
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Multi-Track** and then press the **OK** button.
4. Press the **Down** or **Up** button to select between **English, Spanish** or **French**.
5. Press the **MENU** button to return to the previous menu.



Minimum Volume

Sets the minimum volume level the TV can reach.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press either the **Down** or **Up** button to select the **Minimum Volume** and then press the **OK** button.
5. Press the **Down** or **Up** button to select your preferred minimum volume with the TV turns on.
6. Press the **MENU** button to return to the previous menu.

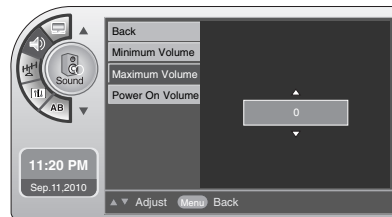
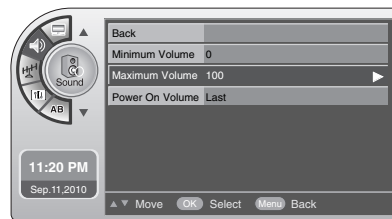


Chapter 5: Using the TV's Features

Maximum Volume

Sets the maximum volume level the TV can reach.

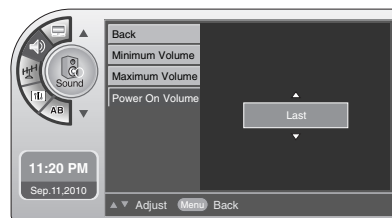
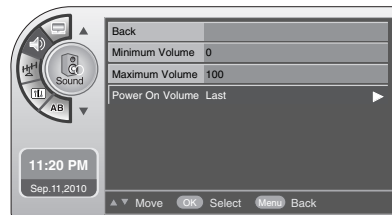
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Maximum Volume** and then press the **OK** button.
5. Press the **Down** or **Up** button to determine your preferred maximum volume allowed.
6. Press the **MENU** button to return to the previous menu.



Power On Volume

Sets the initial volume the TV starts at upon powering on.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Sound** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Power On Volume** and then press the **OK** button.
5. Press the **Down** or **Up** button to determine your preferred volume with the TV turns on.
6. Press the **MENU** button to return to the previous menu.



Chapter 5: Using the TV's Features

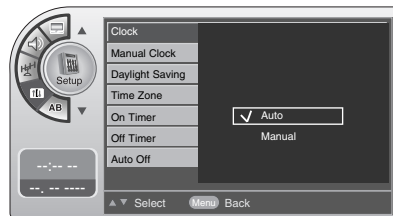
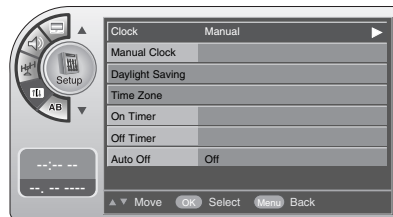
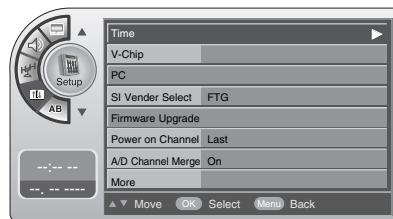
Time Setting

Auto Time Settings

The Auto Time Setting receives the current time from an available digital channel.

The digital channel signal includes information for the current time provided by the broadcasting station.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Time** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the the **Clock** sub-menu and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Auto** and then press the **OK** button
5. Press the **Down** or **Up** or **Left** or **Right** buttons to set the **Daylight Savings** and **Time Zone** options for your local area.
6. Press the **MENU** button to return to the previous menu.



Note

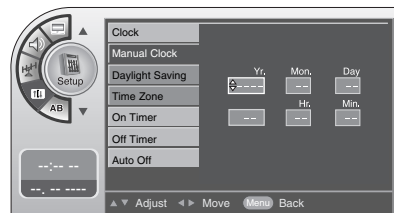
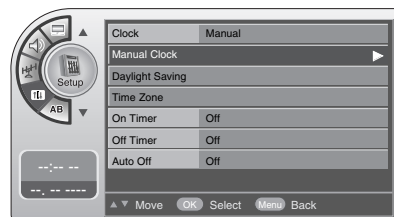
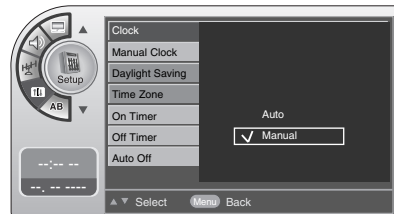
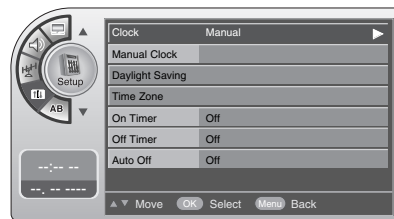
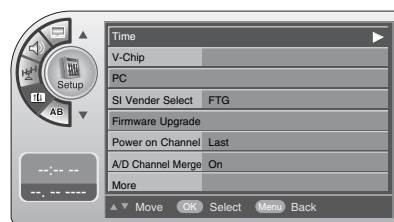
- Some digital channels may change the time incorrectly using the Automatic Clock Set feature. In this event, the Alarm may not function as intended and the TV may not turn on at the expected time. If the end user will have access to the Alarm, it may be best to use the Manual Clock Set mode and set the clock to local time manually.

Chapter 5: Using the TV's Features

Manual Time Settings

If the current time setting is wrong when using the Auto Synchronization function, this setting allows you to set the clock manually.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Time** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Clock** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Manual** and then press the **OK** button.
5. Press the **Down** or **Up** button to select the **Manual Clock** and then press the **OK** button.
6. Press the **Down** or **Up** or **Left** or **Right** buttons to set the year, month, day, hours and minutes.
7. Press the **MENU** button to return to the previous menu.

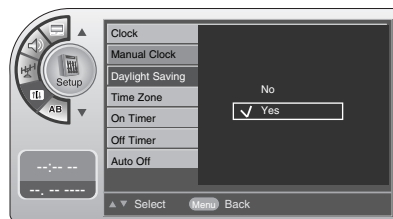
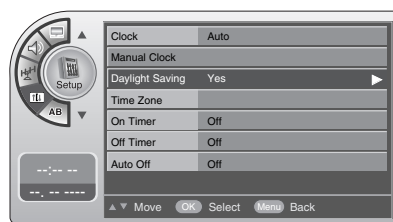


Chapter 5: Using the TV's Features

Daylight Saving

Installer can select to use Daylight Savings to adjust the clock time. This is operated from the Automatic Time Settings.

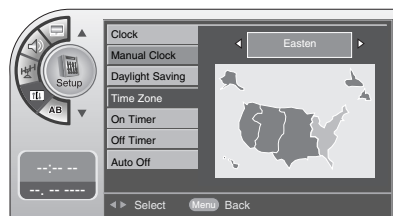
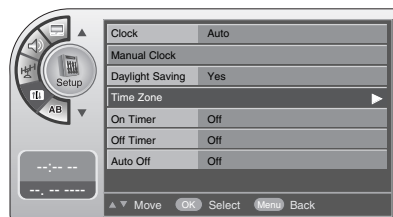
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Time** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Daylight Saving** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **No** or **Yes** and then press the **OK** button.
5. Press the **MENU** button to return to the previous menu.



Time Zone Settings

This mode allows you to set the Time Zone for your local area.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Time** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Time Zone** and then press the **OK** button.
4. Press the **Left** or **Right** button to select the Time Zone options for your local area.
5. Press the **MENU** button to return to the previous menu.

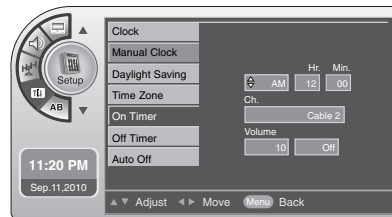
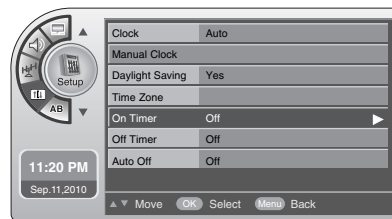


Chapter 5: Using the TV's Features

Auto On Time Settings

The timer function will only operate when the current time has been set. This function automatically turns the TV On at the specific time you designate.

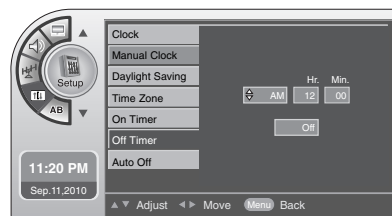
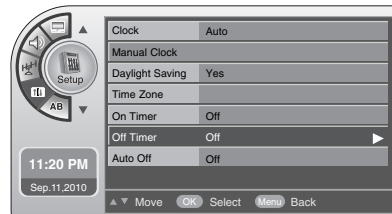
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Time** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **On Timer** and then press the **OK** button.
4. Press the **Down** or **Up** or **Left** or **Right** buttons to select AM / PM, Hours, Minutes, Channel, Volume and time period to turn-on.
5. Press the **MENU** button to return to the previous menu.



Auto Off Time Settings

The timer function will only operate when the current time has been set. This function automatically turns the TV Off at the specific time you designate.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Time** sub-menu and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Off Timer** and then press the **OK** button.
4. Press the **Down** or **Up** or **Left** or **Right** buttons to select AM / PM, Hours, Minutes and time period to turn-off.
5. Press the **MENU** button to return to the previous menu.

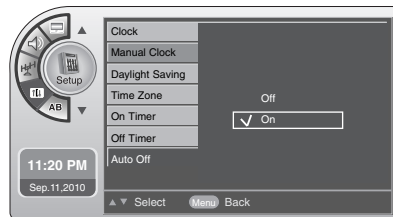
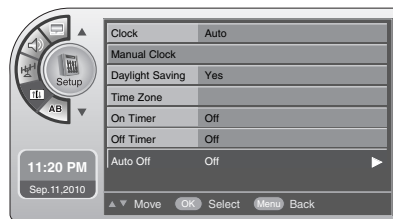


Chapter 5: Using the TV's Features

Auto Off

If there is no signal on the TV for 15 minutes or more, or if no button is pressed for more than 3 hours, this function turns off the TV automatically.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Time** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Auto Off** and then press the **OK** button.
4. Press the the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.



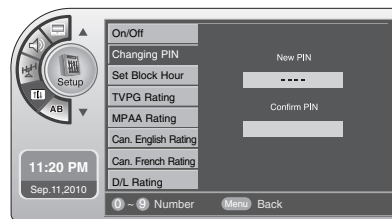
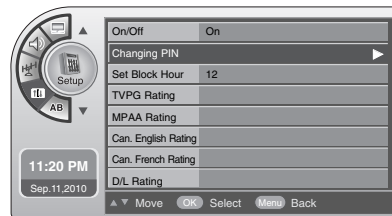
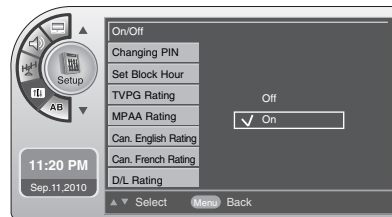
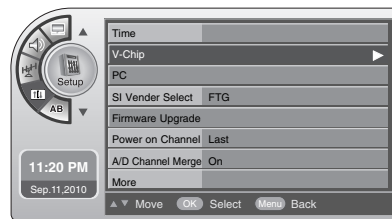
Chapter 5: Using the TV's Features

Parental Control

Entering your password

Parental Control can be used to block specific channels, ratings and other viewing sources. The default password of 0-0-0-0 is required to gain access to this menu.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **V-Chip** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **On/Off** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On** and then press the **OK** button.
5. If a password has been entered, key it in using the number keypad. If no password has been set, enter the 4 digits password (0-9) using the remote control. This is the PIN. Each time the menu is entered, the password will be required until the block time expires.
6. Press the **Down** or **Up** button to select the **Changing PIN** and then press the **OK** button.
7. Enter the digits password.
As soon as the 4 digits are entered, re-enter the same 4 digits on the **Confirm PIN**.
8. Press the **MENU** button to return to the previous menu.

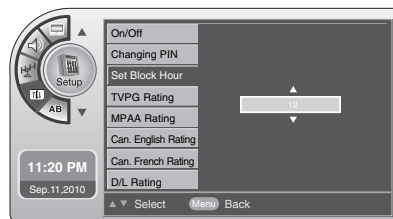
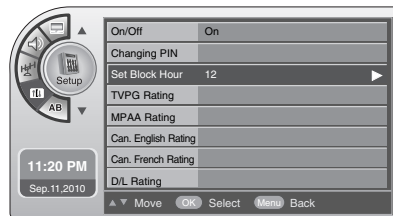
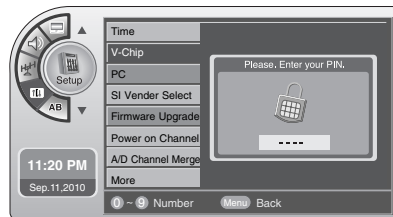
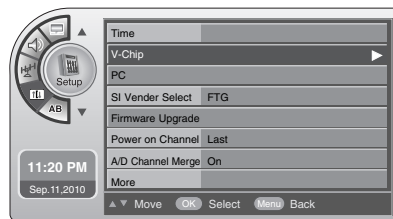


Chapter 5: Using the TV's Features

Set Block Hour.

Enables or disables a parental blocking scheme.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **V-Chip** and then press the **OK** button.
3. Enter the 4 digits password.
4. Press the **Down** or **Up** button to select the **Set Block Hour** and then press the **OK** button.
5. Press the **Down** or **Up** button to select 1~99, Always and press the **OK** button.
6. Press the **MENU** button to return to the previous menu.

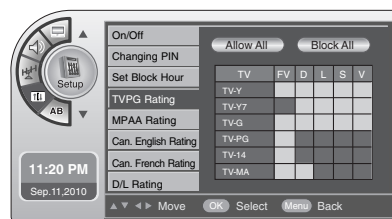
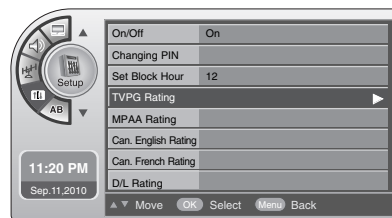
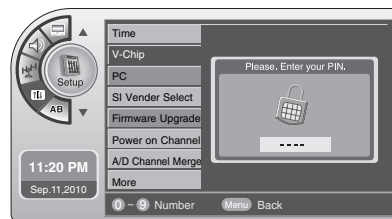
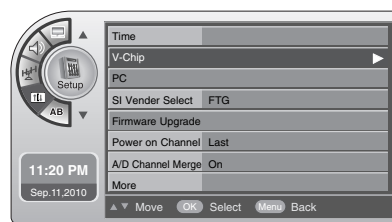


Chapter 5: Using the TV's Features

TV Ratings for USA

This rating system has been established to help you monitor and block the types of programs viewed on TV. Ratings with a lock next to them will be blocked from being viewed.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **V-Chip** and then press the **OK** button.
3. Enter the 4 digits password.
4. Press the **Down** or **Up** button to select the **TVPG Rating** and then press the **OK** button.
5. Press the **Down** or **Up** or **Left** or **Right** buttons to select and set up the menu options for TVPG Rating.
6. Press the **MENU** button to return to the previous menu.



Chapter 5: Using the TV's Features

TV (FCC) Age Categories

- **TV-MA**
Mature audiences only.
This program may contain mature themes, profane language, graphic violence and explicit sexual content.
- **TV-14**
Parents strongly cautioned.
This program may contain sophisticated themes, sexual content, strong language and more intense violence.
- **TV-PG**
Parental guidance suggested.
The program may contain infrequent coarse language, limited violence, some suggestive sexual dialog and situations.
- **TV-G**
General audience.
This contains little or no violence, no strong language, and little or no sexual dialog or situations.
- **TV-Y7**
Directed for older children.
Themes and elements in this program may include mild physical or comedic violence, or may frighten children under the age of seven.
- **TV-Y**
All children.
The themes and elements in this program are specifically designed for a very young audience, including children from ages two – six.

TV (FCC) Content Sub-Categories:

- **D:** Dialog...sexual innuendo.
- **L:** Offensive language.
- **S:** Sexual Situation
- **V:** Violence.
- **FV:** Fantasy or cartoon violence.

Chapter 5: Using the TV's Features

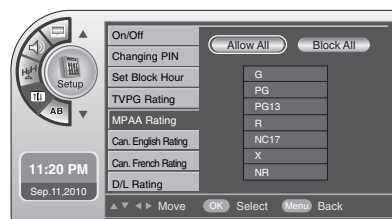
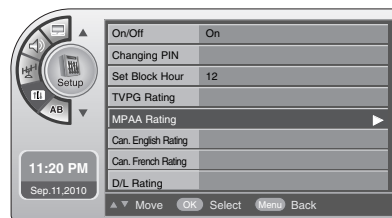
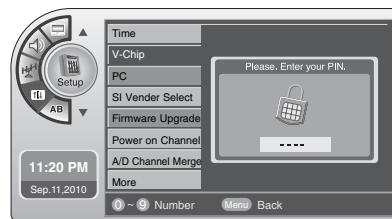
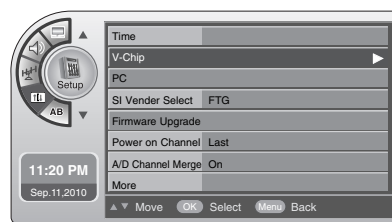
Movie Ratings

This rating system has been established to help you monitor and block the types of movies viewed. These ratings apply to movies broadcasted on TV and allows you to select which ratings you want blocked.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **V-Chip** and then press the **OK** button.
3. Enter the 4 digits password.
4. Press the **Down** or **Up** button to select the **MPAA Rating** and then press the **OK** button.
5. Press the **Down** or **Up** or **Left** or **Right** buttons to select and set up the menu options for MPAA Rating.
6. Press the **MENU** button to return to the previous menu.

The MPAA Rating System (Movies)

- **G**
General Audience.
- **PG**
Parental guidance suggested.
- **PG-13**
Parents strongly cautioned.
- **R**
Restricted.
- **NC-17**
No one 17 and under admitted.
- **X**
Adults only.



Note

- If you block PG-13, G and PG movies will be available, PG-13, R, NC-17 and X will be blocked.

Chapter 5: Using the TV's Features

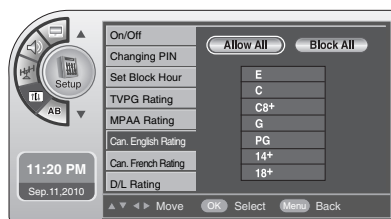
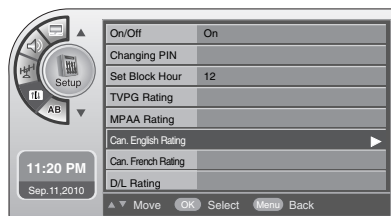
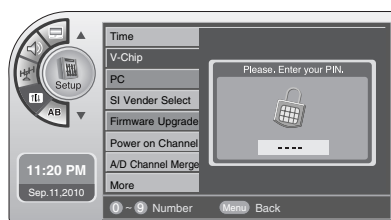
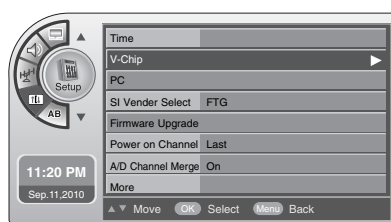
English TV Ratings for Canada

This rating system has been established to help you monitor and block the types of programs viewed on TV. Ratings with a lock next to them will be blocked from being viewed.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **V-Chip** and then press the **OK** button.
3. Enter the 4 digits password.
4. Press the **Down** or **Up** button to select the **Can. English Rating** and then press the **OK** button.
5. Press the **Down** or **Up** or **Left** or **Right** buttons to select and set up the menu options for Can.English Rating.
6. Press the **MENU** button to return to the previous menu.

Canadian English Ratings

- **C**
Children
- **C8+**
Children eight years and older
- **G**
General programming, suitable for all audiences
- **PG**
Parental Guidance
- **14+**
Viewers 14 years and older
- **18+**
Adult programming



Chapter 5: Using the TV's Features

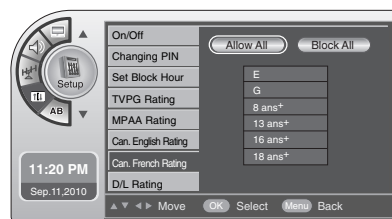
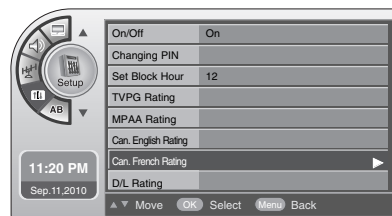
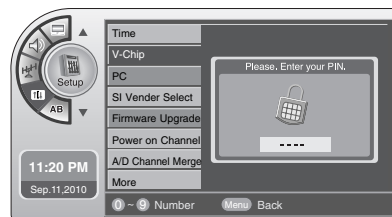
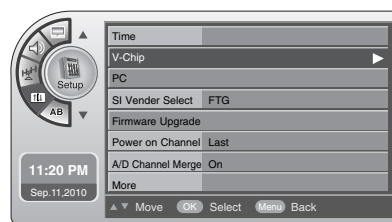
French TV Ratings for Canada

This rating system has been established to help you monitor and block the types of programs viewed on TV. Ratings with a lock next to them will be blocked from being viewed.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **V-Chip** and then press the **OK** button.
3. Enter the 4 digits password.
4. Press the **Down** or **Up** button to select the **Can. French Rating** and then press the **OK** button.
5. Press the **Down** or **Up** or **Left** or **Right** buttons to select and set up the menu options for Can.French Rating.
6. Press the **MENU** button to return to the previous menu.

Canadian French Ratings

- **G**
General
- **8 ans+**
General-Not convenient for little children
- **13 ans+**
Not convenient for children of 13 years and younger
- **16 ans+**
Not convenient for children of 16 years and younger
- **18 ans+**
This programs is only for adult

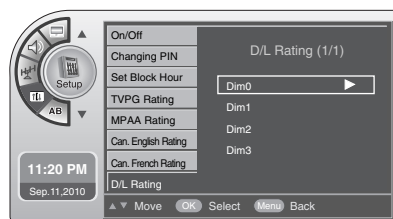
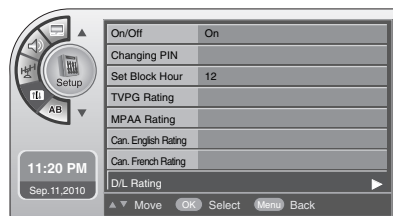
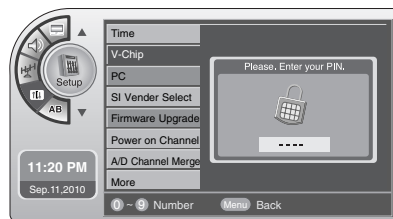
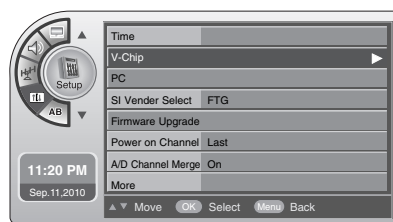


Chapter 5: Using the TV's Features

Downloadable Rating

Your TV's OSD (On Screen Display) may differ slightly from what is shown in this manual.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **V-Chip** and then press the **OK** button.
3. Enter the 4 digits password.
4. Press the **Down** or **Up** button to select the **D/L Rating** and then press the **OK** button.
5. Press the **Down** or **Up** buttons to select **Dim0**, **Dim1**, **Dim2** or **Dim3** and press the OK button.
6. Press the **MENU** button to return to the previous menu.



Note

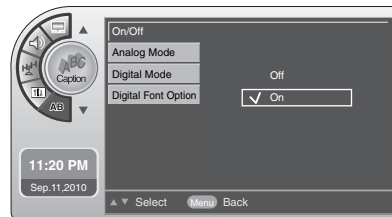
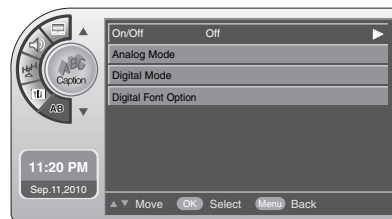
- This function may become available in the future and will be available only for digital channel signal.
- This function operates only when TV has received Region5 Rating data.

Chapter 5: Using the TV's Features

Captions

Turn Captions On/Off

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Caption** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **On/Off** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.



Note

- If you want to select directly the Closed Captions, press the **CC** button on the remote control.

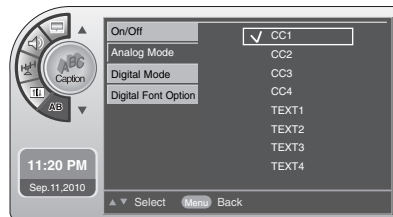
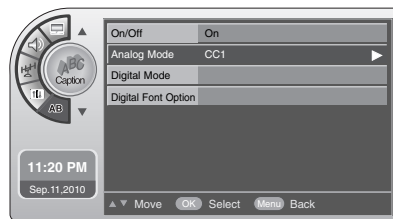
Chapter 5: Using the TV's Features

Closed Caption - Analog

The Analog Caption function operates when watching a regular analog channel.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Caption** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Analog Mode** and then press the **OK** button.
4. Press the **Down** or **Up** button to select between **CC1**, **CC2**, **CC3**, **CC4**, **TEXT1**, **TEXT2**, **TEXT3** or **TEXT4**.
5. Press the **MENU** button to return to the previous menu.

- **Caption**
The term for the words that scroll across the bottom of the TV screen; usually the audio portion of the program provided for the hearing impaired.
- **TEXT**
The term for the words that appear in a large black-frame and almost cover the entire screen; usually messages provided by the broadcaster.



Note

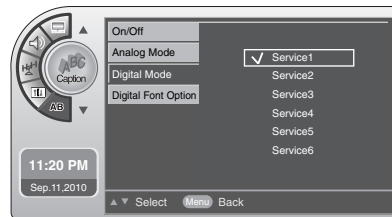
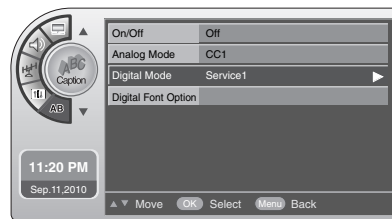
- If you want to select directly the Closed Captions, press the **CC** button on the remote control.

Chapter 5: Using the TV's Features

Closed Caption - Digital

The Digital Caption function only operates on digital channels.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Caption** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Digital Mode** and then press the **OK** button.
4. Press the **Down** or **Up** button to select between **Service1**, **Service2**, **Service3**, **Service4**, **Service5** or **Service6**.
5. Press the **MENU** button to return to the previous menu.

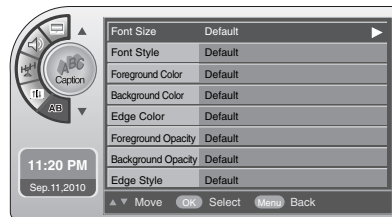
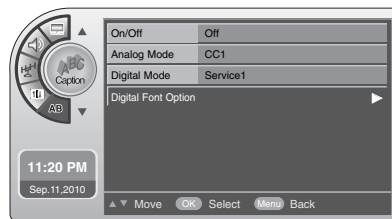


Chapter 5: Using the TV's Features

Digital Closed Caption Options

Customize the DTV captions that appear on your screen.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Caption** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Digital Font Option** and then press the **OK** button.
4. Press the **Down** or **Up** button to select desired caption option you wish to change. (Select between: **Font Size, Font Style, Foreground Color, Background Color, Edge Color, Foreground Opacity, Background Opacity, Edge Style**)
5. Press the **OK** button and then press the **Down** or **Up** buttons to customize each option.
6. Press the **MENU** button to return to the previous menu.



Chapter 5: Using the TV's Features

Setup Menus

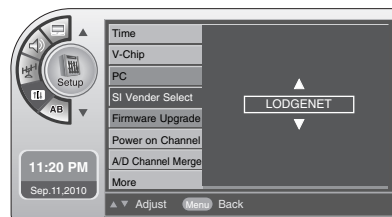
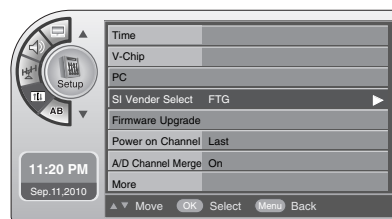
SI Vender Select

This setting selects the content delivery method of the service provider. Select FTG(Free to Guest) if you are using the television in stand alone mode-no pay per view(PPV). Select PPV if you are using the television on a pay per view system. Select off if you are not using a HD Pro:Idiom.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **SI Vender Select** and then press the **OK** button.
4. Press the **Down** or **Up** button to select SI Vender Select to choose the service provider.
5. Press the **MENU** button to return to the previous menu.

Note

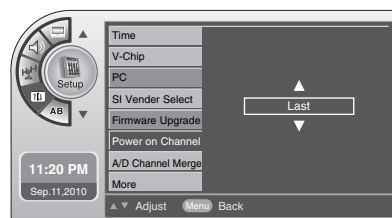
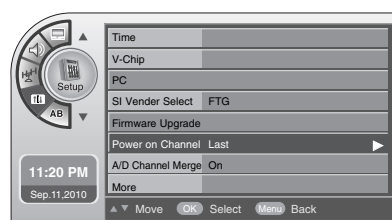
- This setting configures how the Pro:Idiom encryption system decodes the digital signal. Setting this to the wrong setting will prevent the proper decoding of a Pro:Idiom encrypted signal.



Power On Channel

Determines the first channel the TV will tune when turned On.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **Power On Channel** and then press the **OK** button.
4. Press the **Down** or **Up** button to select your preferred channel with the TV turns on. The TV will return to the last channel viewed when **Last** is selected.
5. Press the **MENU** button to return to the previous menu.

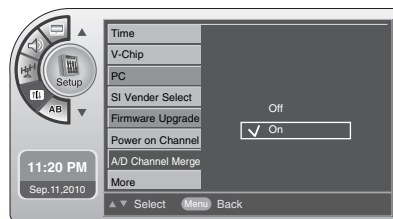
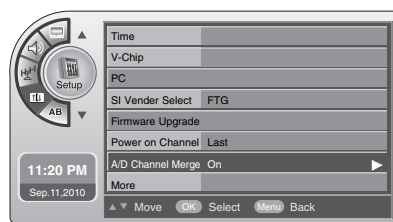


Chapter 5: Using the TV's Features

A/D Channel Merge

Merges analog and digital channels.

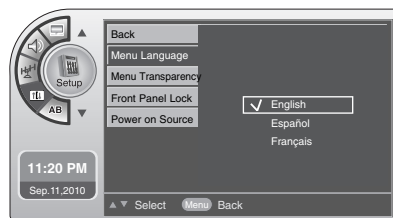
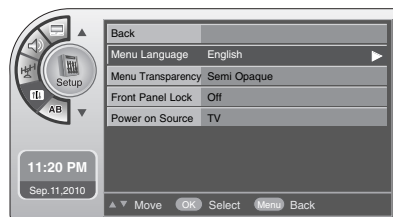
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **A/D Channel Merge** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Off** or **On**.
5. Press the **MENU** button to return to the previous menu.



Menu Language

The menu language can be configured using this setting. First select your language.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Menu Language** and then press the **OK** button.
5. Press the **Down** or **Up** button to select the Menu Language: English, Español or Français.
6. Press the **MENU** button to return to the previous menu.

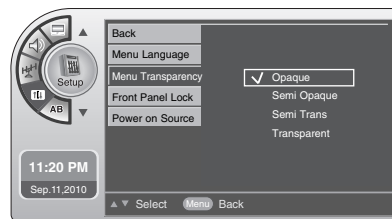
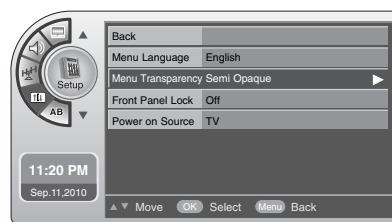


Chapter 5: Using the TV's Features

Menu Transparency

Menu Transparency sets the background transparency of the menu.

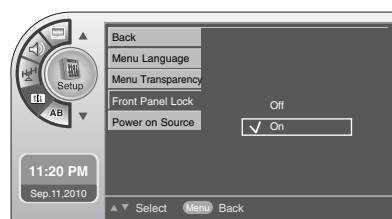
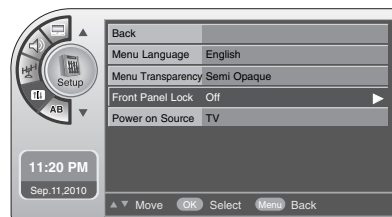
1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Menu Transparency** and then press the **OK** button.
5. Press the **Down** or **Up** button to select the Menu Transparency: Opaque, Semi Opaque, Semi Trans, Transparent.
6. Press the **MENU** button to return to the previous menu.



Front Panel Lock

This feature disables the buttons on the front of the TV.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Front Panel Lock** and then press the **OK** button.
5. Press the **Down** or **Up** button to select **Off** or **On**.
6. Press the **MENU** button to return to the previous menu.

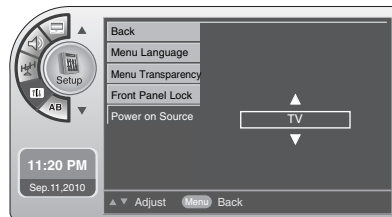
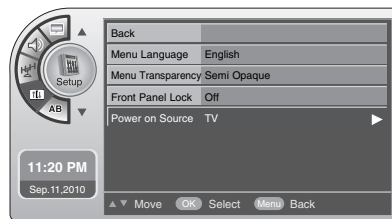


Chapter 5: Using the TV's Features

Power On Source

This setting determines the source the TV will tune when turned On.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **More** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Power on Source** and then press the **OK** button.
5. Press the **Down** or **Up** button to select your preferred source with the TV turns on.
6. Press the **MENU** button to return to the previous menu.



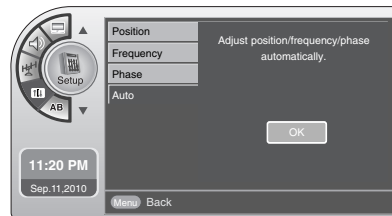
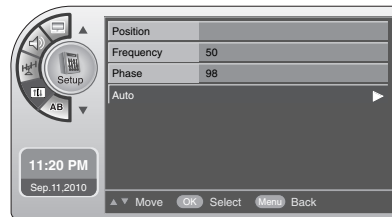
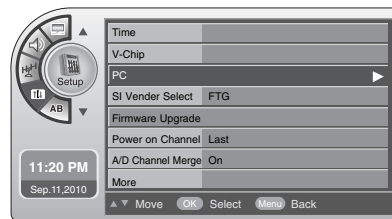
Chapter 5: Using the TV's Features

Setting the PC Mode

Automatic Screen Adjustment

This function automatically adjusts the screen position, frequency, phase and scale in pc mode. The displayed image will disappear for a few seconds while the auto configuration is in progress. If the result of the automatic adjustment is not correct, you can manually adjust the settings to fit your viewing preference.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **PC** and then press the **OK** button.
4. Press the **Down** or **Up** button to select the **Auto** and then press the **OK** button.
5. Press the **OK** button to start the auto adjustment. If the result of the automatic adjustment is not correct, you can manually adjust the settings to fit your viewing preference.
6. Press the **MENU** button to return to the previous menu.



Note

- Select the **PC** mode by pressing either the **INPUT** button.

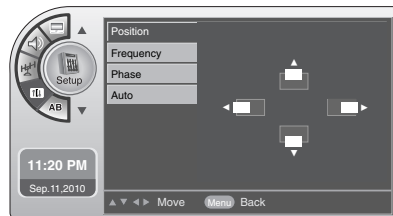
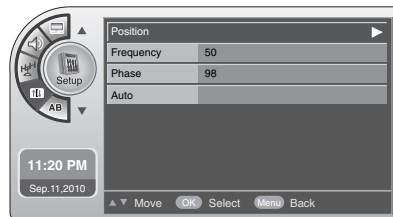
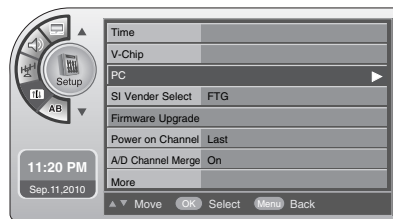
Chapter 5: Using the TV's Features

Manual Screen Adjustment

If the result of the automatic adjustment is not correct, you can manually adjust the settings to fit your viewing preference.

1. Press the **MENU** button to enter the on-screen menu.
2. Press the **Down** or **Up** button to select the **Setup** and then press the **OK** button.
3. Press the **Down** or **Up** button to select the **PC** and then press the **OK** button.
4. Press the **Down** or **Up** button to select **Position**, **Frequency**, **Phase** and then press the **OK** button.
5. Press the **Left** or **Right** button to make appropriate adjustment.
6. Press the **MENU** button to return to the previous menu.

- **Position**
This function is to adjust horizontal/vertical position of screen.
- **Frequency**
This function is to minimize any vertical bars or stripes visible on the screen background. And the horizontal screen size will also change.
- **Phase**
This function allows you to remove any horizontal noise and clear or sharpen the image of characters.



Chapter 5: Using the TV's Features

Specifications

Models		J32LED750
Dimension (Width x Height x Depth)	without stand	794.5mm x 512.0mm x 99.5mm 31.28 x 20.16 x 3.92 inches
	with stand	794.5mm x 573.0mm x 228mm 31.28 x 22.56 x 8.98 inches
Weight (kg / lbs)	without stand	11.0 kg / 24.25 lbs
	with stand	12.5 kg / 27.56 lbs
Brightness		300 cd/m ²
Panel Resolution		1366 (H) x 768 (V)
Power Rating		AC115V~ 60Hz
Consumption		52W
Consumption (Standby)		Under 1W
Audio Output		3W + 3W
Contrast Ratio		3,000:1
Encryption		Pro:Idiom
MPEG Decoder		MPEG2, MPEG4
Accessories		<ul style="list-style-type: none"> • Power Cord • Owner's Manual • Stand Base • Stand Body • Remote(Optional)
External Port		<ul style="list-style-type: none"> • MTI • SERVICE • HDMI/DVI IN1 • HDMI IN2 • SERVICE(AV) • AUDIO IN (RGB / DVI) • RGB IN(PC) • DIGITAL AUDIO OUT (COAXIAL) • COMPONENT IN • AV • USB IN • ANTENNA / CABLE IN • AC IN

• The Specification shown above may be changed without notice.

Chapter 6: Other Information

Troubleshooting

Problem	Check Point
No picture on screen.	<ul style="list-style-type: none">• Check whether the set is turned on.• Power cord inserted into wall outlet?• Test if there is power coming from the wall outlet by plugging in another product into the wall outlet where the set's power cord was plugged in.
Picture appears slowly, after switching on.	<ul style="list-style-type: none">• This is normal as the image is muted during the start up process of the set. Please contact your service center, if the picture has not appeared after five minutes.
No or Poor color	<ul style="list-style-type: none">• Select color in the Picture menu and press the Left or Right button.
Horizontal/Vertical bars or picture shaking	<ul style="list-style-type: none">• Check for local interference such as a nearby electrical appliance or power tool.
Unusual sound from inside the set.	<ul style="list-style-type: none">• A change in ambient humidity or temperature may result in an unusual noise at the time of switching off or on of the set and does not indicate a fault with the set.
TV won't display Pro:Idiom encrypted signals.	<ul style="list-style-type: none">• Ensure, 'SI Vender Select' is set to 'FTG' for Free to Guest system types, Or 'PPV' for pay per view system.

Chapter 6: Other Information

Limited Warranty

Your Display will be repaired or replaced in accordance with the terms of this warranty, if it proves to be defective in material or workmanship under normal use, during the warranty period ("Warranty Period") listed below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, excluding U.S. Territories.

WARRANTY PERIOD

Labor and parts: 2 years from the Date of Purchase. Your unit will be repaired or replaced with a new, substitute model or factory reconditioned unit. If repaired, parts used in the repair may be new or remanufactured.

Replacement Units and Repair Parts are warranted for the remaining portion of the original unit's warranty period.

Effective date of warranty:

Your warranty period begins on the date of sale to the original consumer/end user. KEEP THE DEALER'S DATED BILL OF SALE OR PROOF OF DELIVERY as evidence of the purchase date.

You will be required to submit a legible copy of your bill of sale or proof of delivery when requesting warranty service.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST OR CORRUPTED PROGRAMMING OR DATA, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

Concerning Pixel Functionality:

Your display contains about one million individual pixels.

Your display typically contain a small number of pixels that do not function normally. Your display has been inspected and is in compliance with manufacturer's specifications, indicating that any pixel defects do not effect the operation or use of your display.

Chapter 6: Other Information

THIS LIMITED WARRANTY DOES NOT APPLY TO:

- Damage caused in shipping or transit
- Service required as a result of improper installation, including incorrect or insufficient AC supply (please consult the owner's manual for power supply requirements).
- Installation or repair of antenna systems, cable converters, cable company supplied equipment, or other components in a video system
- Set-up or adjustment on consumer controls, or damage caused by improper adjustments
- Damage caused by other system components
- Any panel that has been modified or incorporated into any other product
- Replacement of batteries on the remote control.
- Damage (including cosmetic damage), failure, loss or personal injury due to misuse, abuse, negligence, improper maintenance or storage, or to acts of nature or other causes beyond our control. (Causes beyond our control include but are not limited to lightning strike, power surges, power outages and water damage.)
- Image burn-in
- Repair or replacement of warranted parts by anyone other than an authorized service centers.
- Units purchased or serviced outside of the coverage area.
- Product where the original factory serial numbers have been removed, defaced or changed in any way.
- Product sold and labeled as "as is, where is" or similar disclaimer.

How you get service:

- Contact your dealer, or visit <http://www.rcacommercialtv.com>, or call 1-800-RCA-2161.
- 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.
- To contact the RCA Commercial warranty center by E-mail : service@rcacommercialtv.com

Product Registration:

- Please complete and mail the Product Registration Card packed with your TV or register online at <http://www.rcacommercialtv.com>. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.

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

IMPORTANT: Do not allow liquid to come in contact with the TV, 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. Never use cleaning agents, they will damage the TV.

CHILD SAFETY:

It Makes A Difference How and Where
You Use Your Flat Panel Display

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind:



THE ISSUE

- The home theater entertainment experience is a growing trend and larger flat panel displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.
- Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

THIS MANUFACTURER CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.

TUNE INTO SAFETY

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.

WALL MOUNTING: IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS:

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy.



 **CEA**
Consumer Electronics Association
www.CE.org/safety

MEMO

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Visit the RCA website at <http://www.rcacommercialtv.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.

DTI

DTI Services, LLC
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