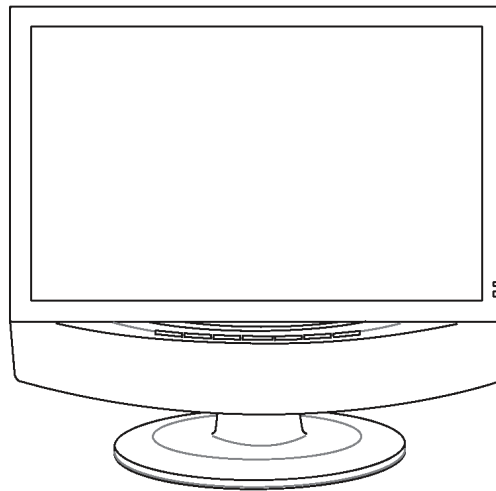




I-LC23Q1 23" LCD TV Display
I-LC26Q1 26" LCD TV Display

IMPORTANT:

Read this guide thoroughly before using the unit.



USER'S GUIDE

April 2004

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SAFETY PRECAUTIONS

WARNING!

DO NOT OPEN! RISK OF ELECTRIC SHOCK

To reduce the risk of electric shock, do not remove the back cover. There are no user-serviceable parts inside. Removing the back cover voids the warranty. Have your LCD TV repaired by qualified service personnel only.

- Do not place your hands, face, or objects close to the ventilation openings of your LCD TV. The top of your LCD TV gets very hot from exhaust air that is released through the ventilation openings. Burns or personal injuries may occur if you are too close to the LCD TV. Damage may occur if you place any object near the top of your LCD TV.
- Disconnect all cables before moving your LCD TV. Moving your LCD TV with its cables attached may damage the cables and cause fire or electric shock danger.
- Do not expose your LCD TV to rain or moisture.
- Keep your LCD TV away from excessive dust, high temperatures, moisture, or direct sunlight.
- Use your LCD TV in a well-ventilated area and do not cover the ventilation openings.
- Do not modify your LCD TV or use an unshielded power cord or video input source cable, or you may experience excessive interference.
- Disconnect your LCD TV and unplug the power cord when the TV is not used for a long period of time.
- If the picture displayed is in any way abnormal, turn off your LCD TV, then disconnect it from the electrical outlet. Make sure that your video input source cable is connected correctly, then reconnect your LCD TV to the electrical outlet.
- Disconnect your LCD TV from the electrical outlet before cleaning or performing maintenance. Do not use liquid or aerosol cleaners. Use only a slightly damp cloth for cleaning.
- Do not place your LCD TV on an unstable cart, stand, or table. Your LCD TV may fall, causing serious damage.

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1 BEFORE YOU START

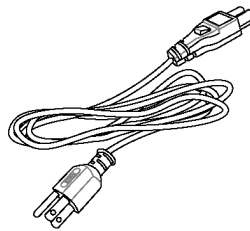
1-1 What's in the Box

When you receive your LCD TV, unpack it carefully, and check to make sure you have all the items below.

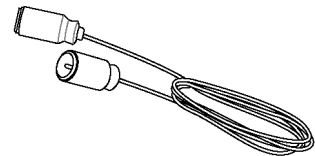
1 REMOTE CONTROL
AND two AAA BATTERIES



2 POWER CORD



3 RF CABLE



1-2 Optional Accessories

The following are optional accessories you may purchase for your LCD TV:

CABLE KITS

Cable kits consist of high-quality cables with gold-plated connectors of various lengths for connecting audio and video devices to your LCD TV. Below are some examples:

- DVI-D video cable
- RCA audio cable
- RCA component video cable
- RCA composite video cable
- S-Video cable
- VGA video cable

WALL MOUNT KIT

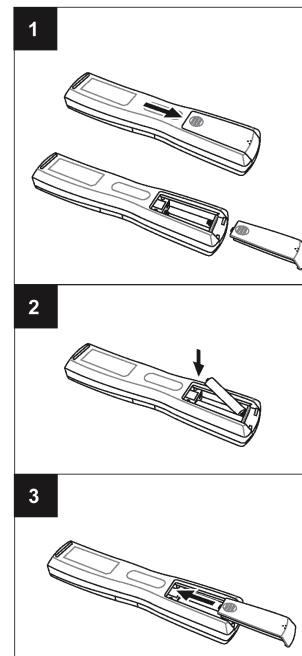
The wall mount kit contains all of the required hardware for mounting your LCD TV on your wall. It is highly recommended that you find a qualified installer to do this.

1-3 Inserting Batteries into the Remote Control

Before using the LCD TV set for the first time, insert two AAA batteries (supplied). When the batteries become depleted and the remote control fails to operate, replace the batteries with new batteries.

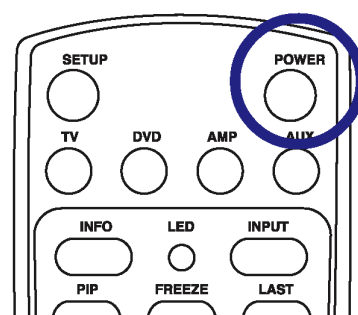
TO INSERT BATTERIES

1. Remove the battery cover on the back of the remote control.
2. Insert two AAA batteries into the remote control. Make sure that you match the + and - on the batteries with the + and - symbols inside the battery compartment.
3. Close the battery cover by aligning it with the base of the remote control and sliding it back into place.



1-4 Turning ON the Power

1. Connect the power cord to the power cord connector on the back of your LCD TV (see **2-3 Back Connectors**), and then plug the other end of the power cord into a correctly grounded electrical outlet or surge protector.
2. Press the **Main Power** switch next to the power cord connector on the LCD TV. The Status LED on the front turns orange and your LCD TV is ready to turn on.
3. Press the **POWER** button on the front of your LCD TV or on your remote control. The Status LED on the front turns green, and the unit turns on.

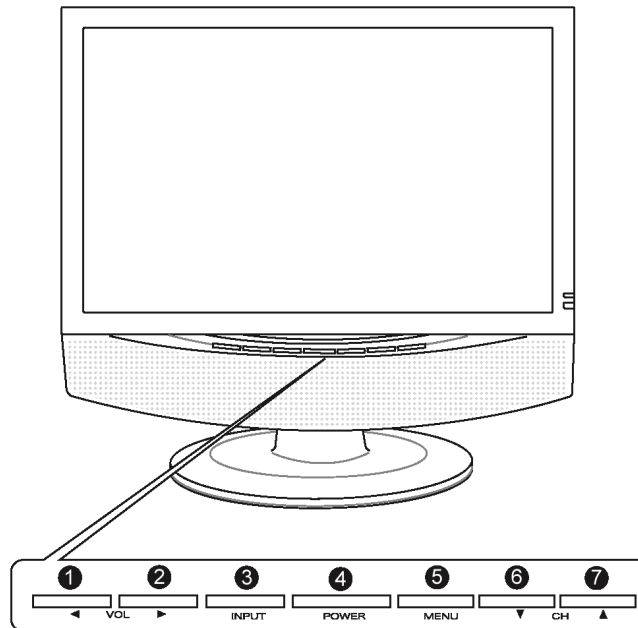


WARNING!

If you will be away for an extended period of time, turn off your LCD TV with the Main Power switch instead of using the remote control or front POWER button. For added protection during a lightning storm or when it is left unattended or unused for long periods of time, unplug your LCD TV from the wall outlet and disconnect the antenna or cable system.

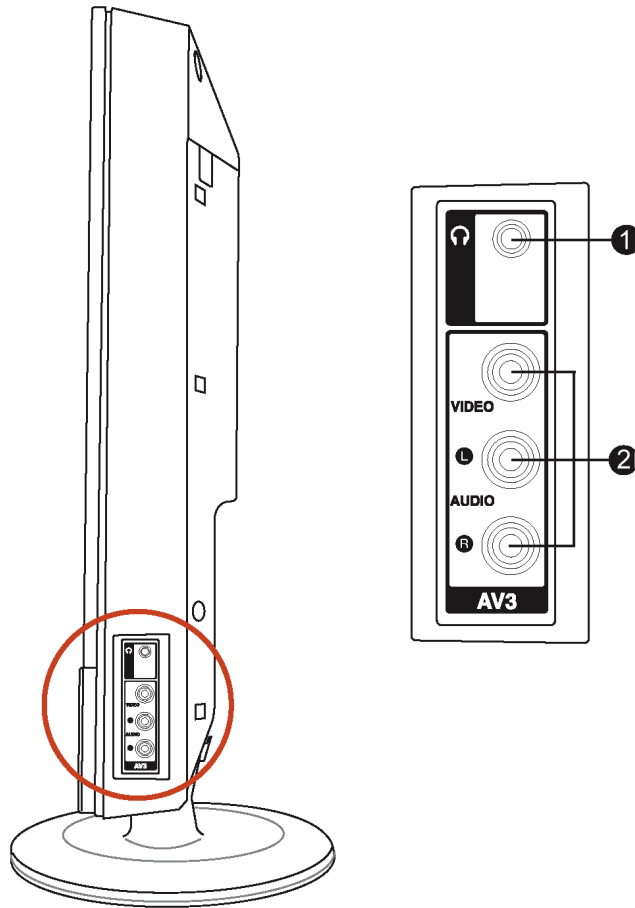
2 YOUR LCD TV AT A GLANCE

2-1 Front Panel Controls



BUTTON	VIEWING FUNCTION (OSD OFF)	MENU FUNCTION (OSD ON)
①	Lowers the sound level	Reduces a menu option value.
②	Increases the sound level.	Displays a submenu with selections for the current menu option. Increases a menu option value.
③	Selects the input source.	N/A
④	Turns the LCD TV ON/OFF.	N/A
⑤	Activates the OSD main menu.	Returns to the previous menu or to normal viewing.
⑥	Displays the previous stored channel.	Selects the next menu option.
⑦	Displays the next stored channel.	Selects the previous menu option.

2-2 Right-side Connectors

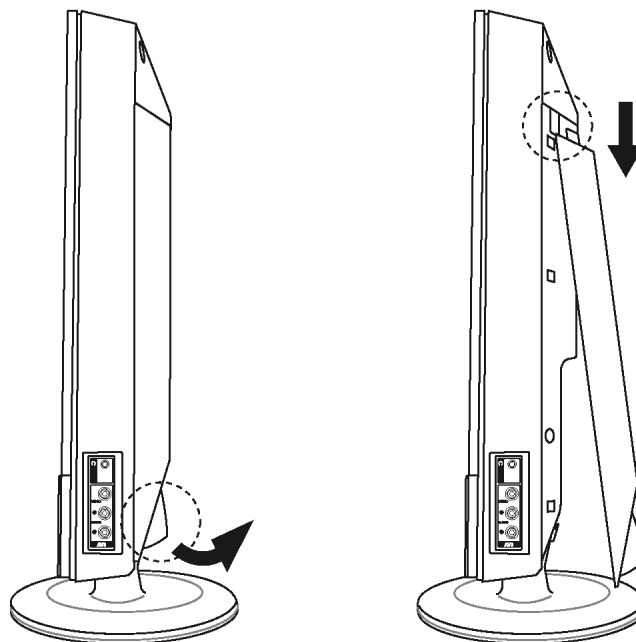
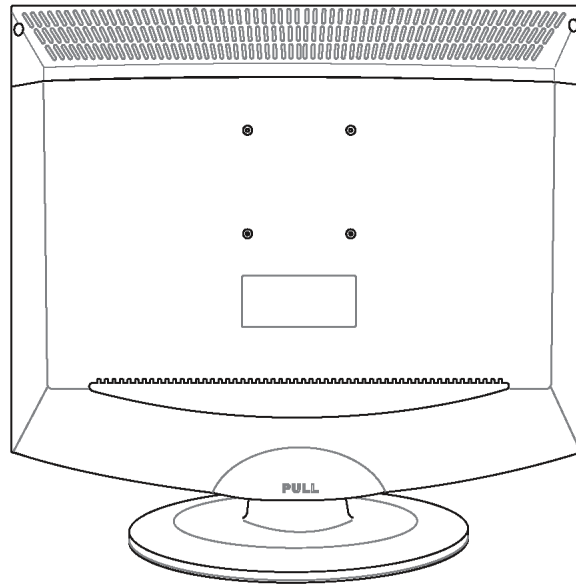


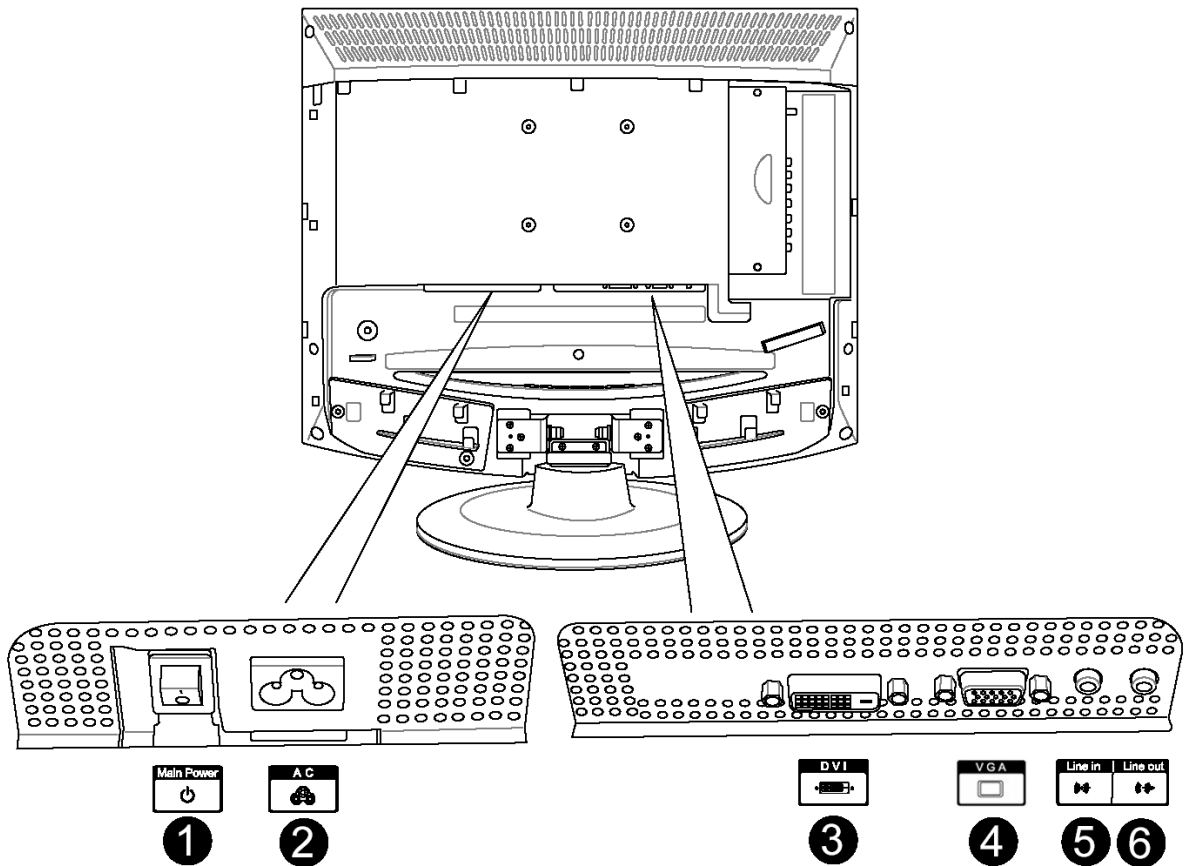
CONNECTOR	DESCRIPTION
-----------	-------------

- | | |
|---|---|
| ① | Headphone Jack - Connect amplified speakers or headphones to this stereo headphone jack. Using this jack automatically disables the built-in speakers. |
| ② | Video/Audio-in - Connect composite audio/video devices, such as camcorders or digital cameras to these. |
-

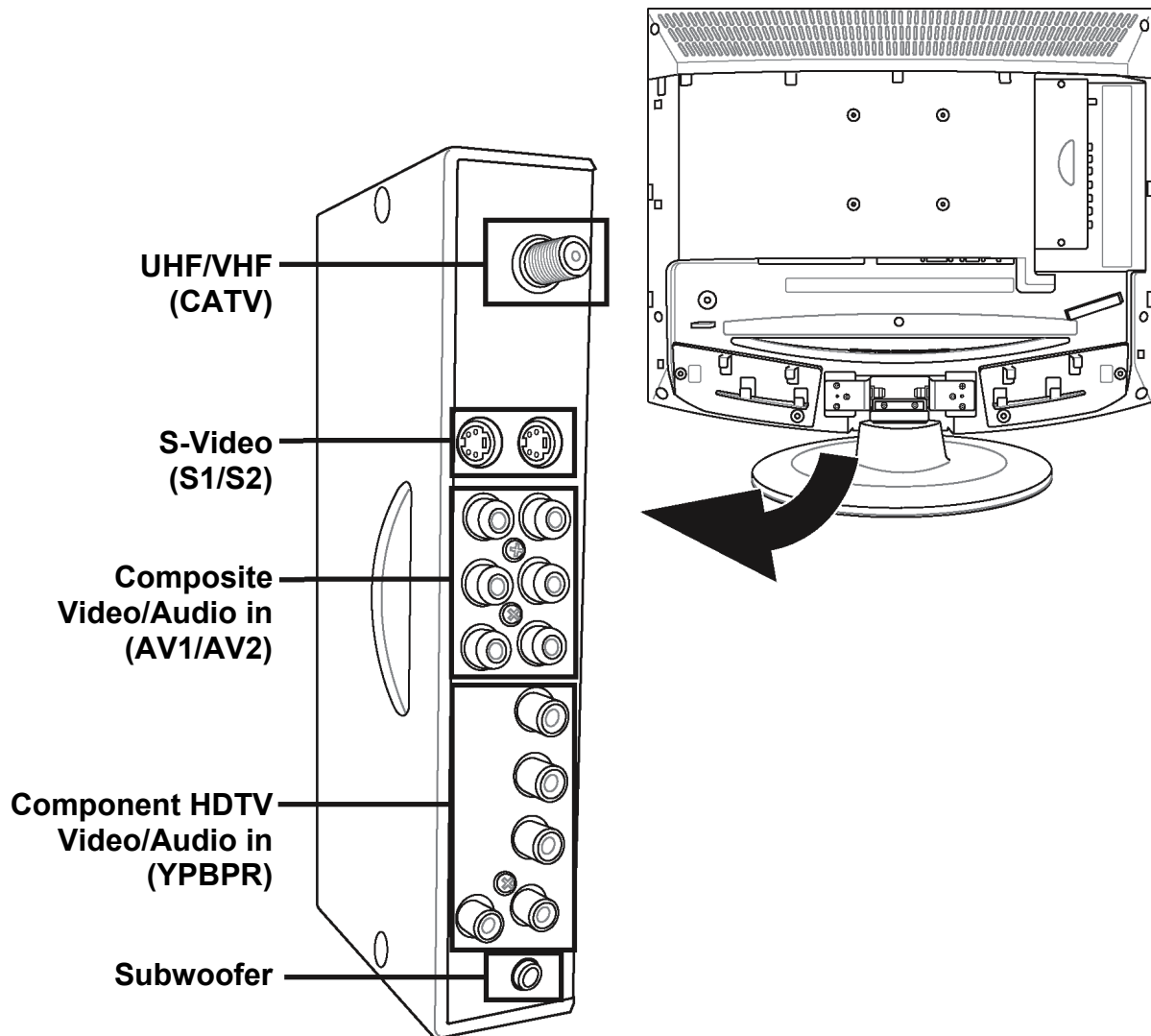
2-3 Back Connectors

To access the connectors on the back of your LCD TV, you will need to lift up and remove the protective cover.



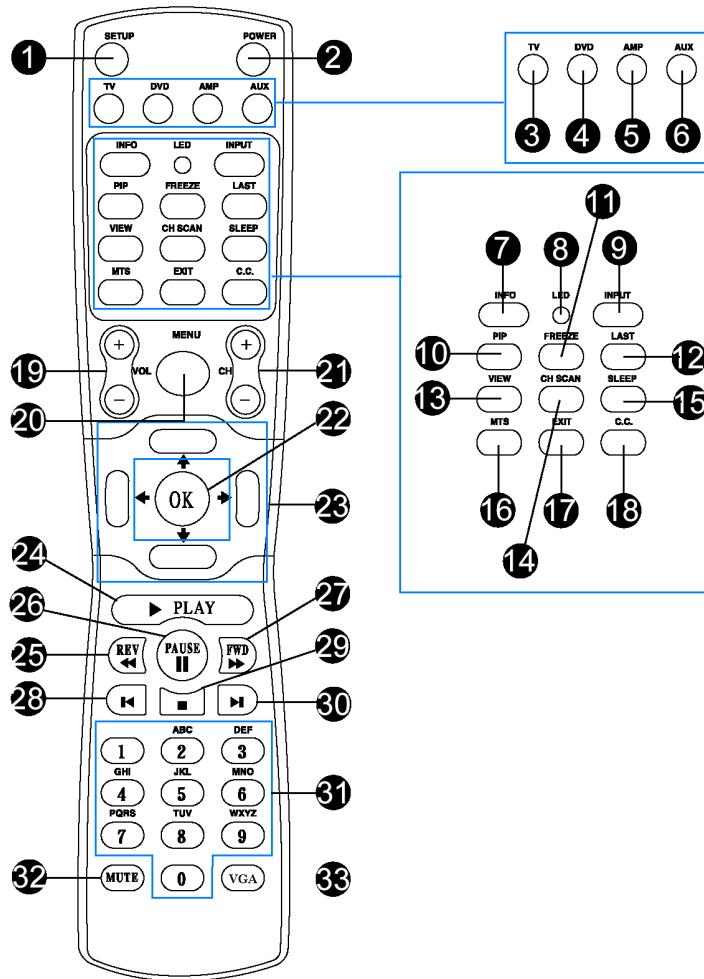


CONNECTOR	DESCRIPTION
1	Main power switch - Turns the main power ON and OFF.
2	Power cord connector - Connect the power cable to this.
3	DVI in - Connects to a DVI video device, such as a computer or cable/Satellite box.
4	VGA in - Connects to a VGA video device, such as a computer or cable/Satellite box.
5	Audio in - Connects to a computer's audio out jack.
6	Audio out - Connect an external amplifier or speaker to this.



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3 YOUR REMOTE CONTROL AT A GLANCE



3-1 Remote Control Buttons

CONNECTOR	DESCRIPTION
1	SETUP Start all programming sequences.
2	POWER Turns the selected component ON/OFF.
3	TV Selects a programmed TV.
4	DVD Selects a programmed DVD player.
5	AMP Selects a programmed amplifier.
6	AUX Selects a programmed component.
7	INFO Shows the current status of your LCD TV, such as the video input source, audio status, and channel number
8	LED Flashes when the remote is being programmed or is sending a signal to your LCD TV.

CONNECTOR	DESCRIPTION (cont'd)
9 INPUT	Changes the input source.
10 PIP	Turns picture-in-picture (PIP) mode on and off. PIP mode does not work when parental controls are set.
11 FREEZE	Freezes the display image.
12 LAST	Recalls the last viewed channel.
13 VIEW	Selects the picture format (Panoramic Stretch/16:9, 4:3, Zoom) that best meets your viewing requirement.
14 CHSCAN	Scans four channels at a time in TV mode. Works as an ENTER button in other video modes.
15 SLEEP	Turns on the sleep timer.
16 MTS	Multi channel Television Sound (MTS) - Cycles through Stereo, MONO, and SAP.
17 EXIT	Exits from the on-screen display (OSD).
18 C.C.	Turns CLOSED CAPTION mode ON/OFF.
19 VOL	Increases/decreases the volume.
20 MENU	Displays menus for TV and other options.
21 CH	Changes the channel.
22 OK	Works as the ENTER button.
23 Navigation	Navigates the on-screen display (OSD) menus.
24 PLAY	Plays the CD, DVD, or VCR when the component is activated with the remote control.
25 REV	Rewinds the CD, DVD, or VCR when the component is activated with the remote control.
26 PAUSE	Pauses the CD, DVD, or VCR when the component is activated with the remote control.
27 FWD	Forwards the CD, DVD, or VCR when the component is activated with the remote control.
28 SKIP REV	Skips to the beginning the CD, DVD, or VCR when the component is activated with the remote control.
29 SKIP FWD	Skips to the beginning the CD, DVD, or VCR when the component is activated with the remote control.
30 STOP	Stops the CD, DVD, or VCR when the component is activated with the remote control.
31 Number pad	Selects a channel or enters a password.
32 MUTE	Mutes or restores the sound volume.
33 VGR	Selects the component connected to the VGR connector as the input source.

3-2 Using the Remote Control (Basic Operation)

Point the remote control towards the remote control sensor window located on the front of your LCD TV. Make sure no objects are in the line of aim, otherwise the remote control may not operate properly.

4 CONNECTING DEVICES

Read this section to learn how to connect the following devices:

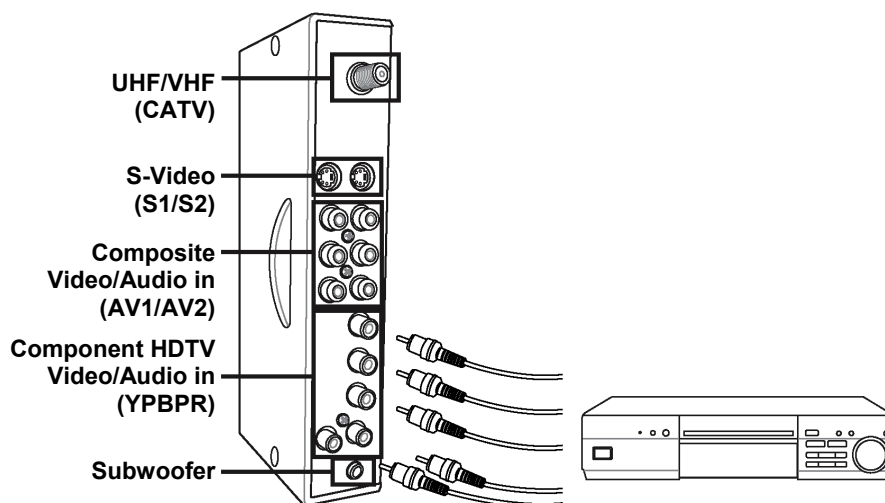
- DVD players
- HDTV decoder set -top boxes
- VCRs
- Broadcast TV and cable TV (CATV)
- Computers

WARNING! Before connecting any external components, make sure to unplug your LCD TV.

4-1 Connecting Your DVD Player

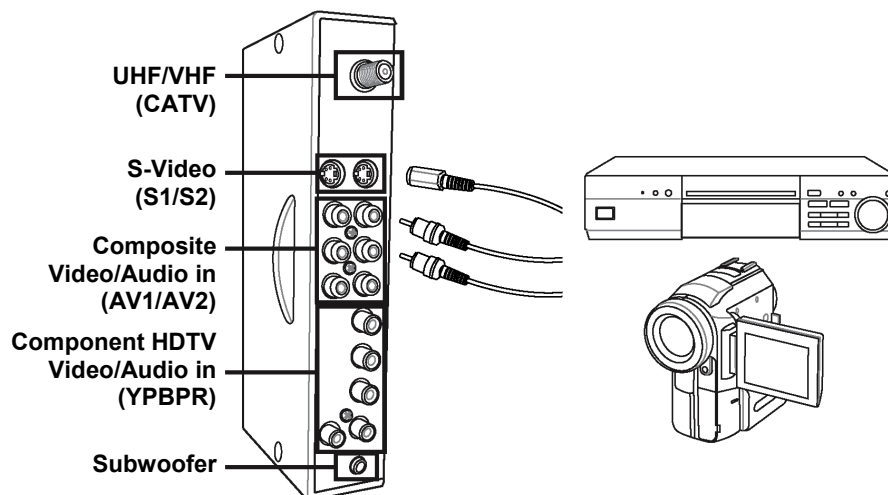
4-1-1 TO CONNECT USING COMPONENT VIDEO

1. Connect the green-colored Y jack on the back of your DVD player to the green-colored Y jack on the back of your LCD TV.
2. Connect the red-colored PR or CR jack on the back of your DVD player to the red-colored PRCR jack on the back of your LCD TV.
3. Connect the blue-colored PB or CB jack on the back of your DVD player to the blue-colored PBCB jack on the back of your LCD TV.
4. Connect the red (R) and white (L) audio jacks on the back of your DVD player to the R and L audio-in jacks on the back of your LCD TV.
5. Turn on your LCD TV, then press the **INPUT** button repeatedly to select YPBPR.



4-1-2 TO CONNECT USING S-VIDEO

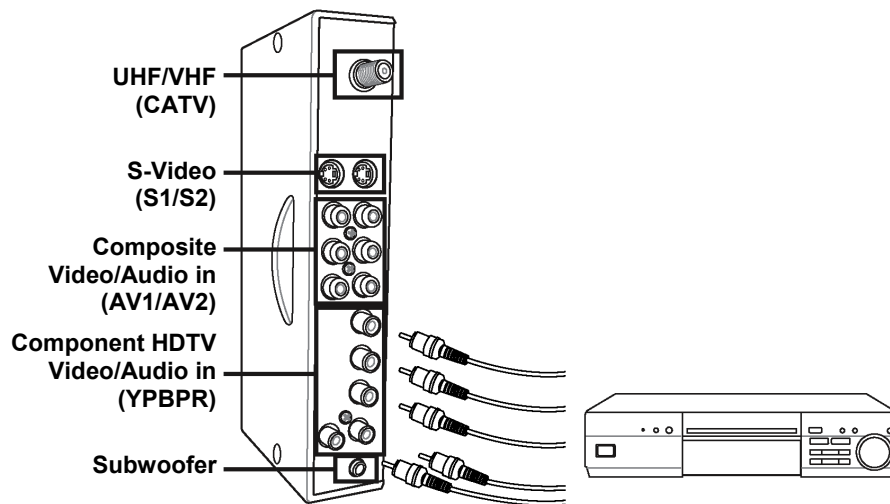
1. Connect the S-Video jack on the back of your DVD player to one of the S-VIDEO (S1 or S2 jacks on the back of your LCD TV with the correct optional cable
2. Connect the red (R) and white (L) audio jacks on the back of your DVD player to the appropriately numbered AV1 or AV2 R and L audio-in jacks on the back of your LCD TV.
3. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the **INPUT** button repeatedly to select AV1/S1 or AV2/S2.



4-2 Connecting Your HDTV Set-top Box

4-2-1 TO CONNECT USING COMPONENT VIDEO

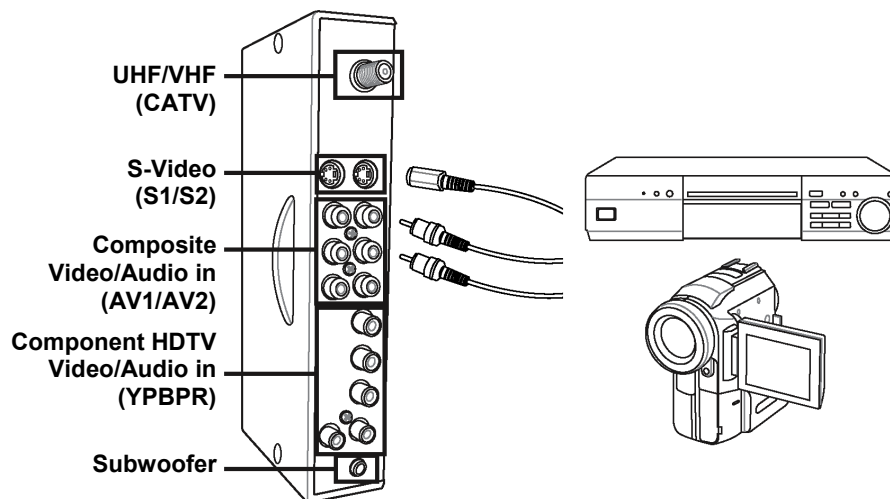
1. Connect the green Y jack on the back of your HDTV set-top box to the green Y jack on the back of your LCD TV.
2. Connect the red PR or CR jack on the back of your HDTV set-top box to the red PRCR jack on the back of your LCD TV.
3. Connect the blue PB or CB jack on the back of your HDTV set-top box to the blue PBCB jack on the back of your LCD TV.
4. Connect the red (R) and white (L) audio jacks on the back of your HDTV set-top box to the R and L audio-in jacks on the back of your LCD TV.
5. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the **INPUT** button repeatedly to select YPBPR.



4-3 Connecting Your VCR or Video Camera

4-3-1 TO CONNECT USING S-VIDEO

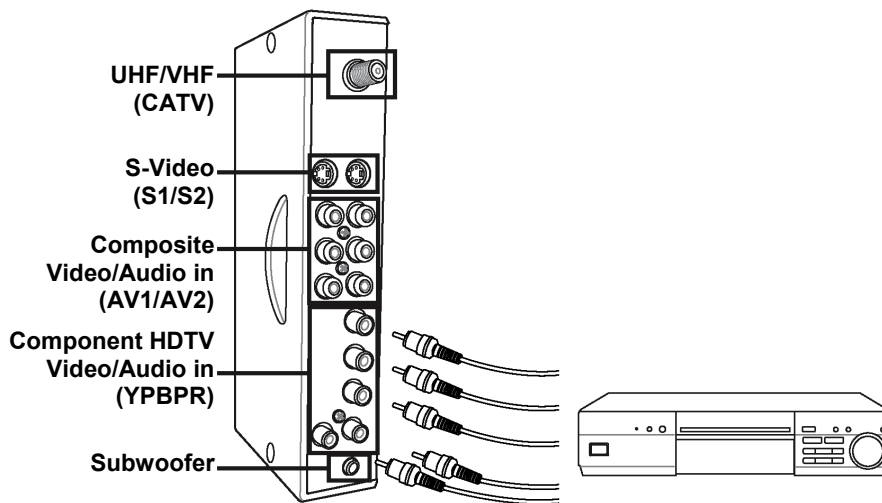
1. Connect the S-Video jack on the back of your DVD player to one of the S-VIDEO (S1 or S2) jacks on the back of your LCD TV with the correct optional cable.
2. Connect the red (R) and white (L) audio jacks on the back of your DVD player to the appropriately numbered AV1 or AV2 R and L audio-in jacks on the back of your LCD TV.
3. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the INPUT button repeatedly to select AV1/S1 or AV2/S2.



4-3-2 TO CONNECT USING COMPONENT VIDEO

1. Connect the yellow video jack on the back of your VCR or video camera to the yellow AV1 or AV2 jack on the back of your LCD TV with the correct optional cable.
2. Connect the red (R) and white (L) audio jacks on the back of your VCR or video camera to the appropriately numbered AV1 or AV2 R and L audio-in jacks on the back of your LCD TV.

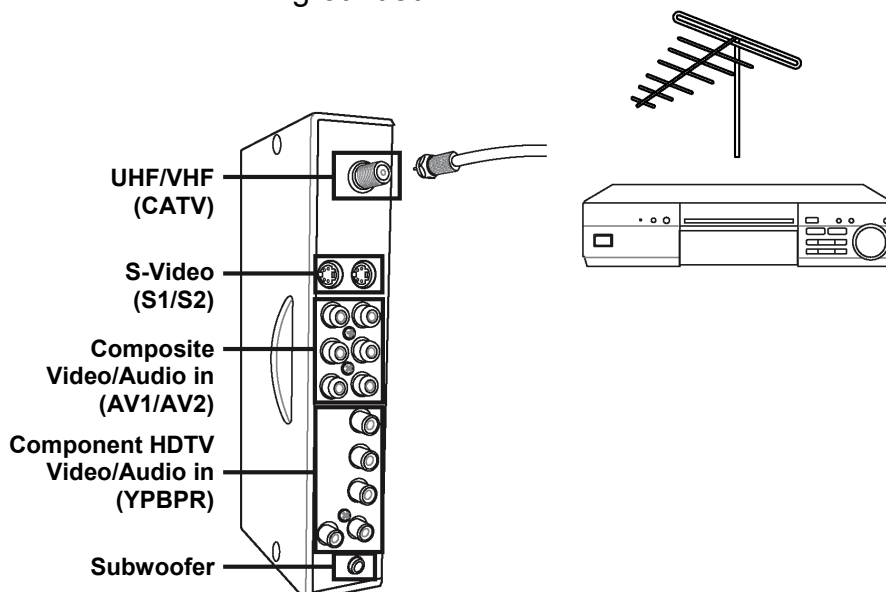
3. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the INPUT button repeatedly to select AV1/S1 or AV2/S2.



4-3-3 TO CONNECT USING COAXIAL (RF)

1. Connect the “output to TV” (RF out or Antenna out) jack on the back of your VCR to the UHF/VHF jack on the back of your LCD TV with the correct optional cable.
2. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the INPUT button repeatedly to select CATV.
3. If you have an broadcast antenna or cable box, connect your broadcast antenna or cable TV coaxial (RF) cable to the UHF/VHF connector on the back of your VCR.

WARNING! If an outdoor antenna or cable system is connected to your LCD TV, make sure that the antenna or cable system is correctly grounded.

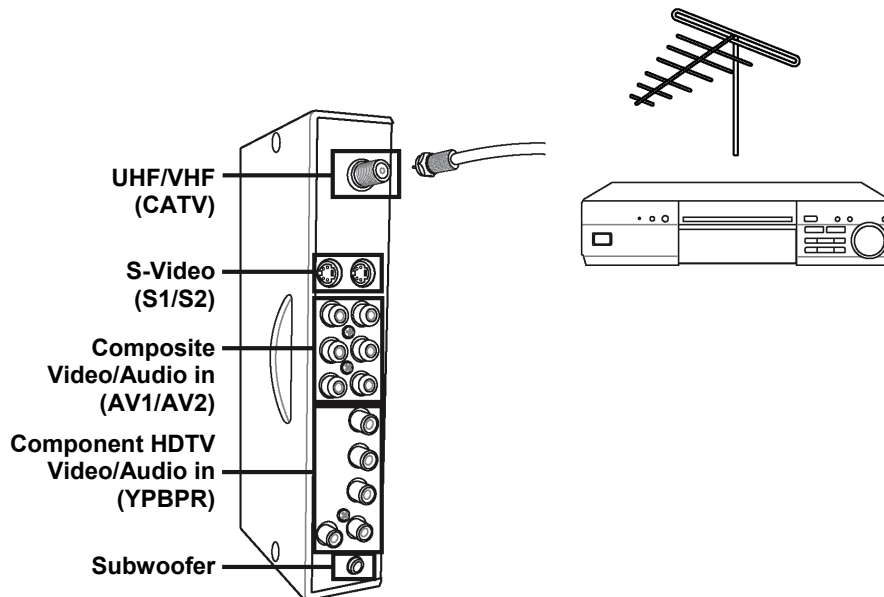


4-4 Connecting Broadcast TV or Cable TV

4-4-1 TO CONNECT USING COAXIAL AUDIO AND VIDEO

1. Connect the coaxial (RF) connector from your antenna or cable box to the HF/VHF connector on the back of your LCD TV with the correct optional cable.
2. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the **INPUT** button repeatedly to select CATV.
3. If you have connected a VCR to the UHF/VHF connector on the back of your LCD TV, connect your broadcast TV or cable TV coaxial (RF) cable to the UHF/VHF connector on the back of your VCR.

WARNING! If an outdoor antenna or cable system is connected to your LCD TV, make sure that the antenna or cable system is correctly grounded.

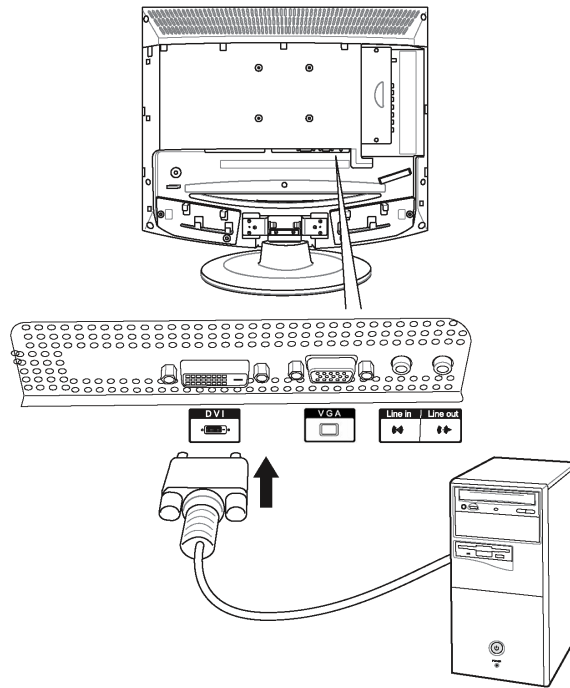


4-5 Connecting a Computer

4-5-1 TO CONNECT USING DVI VIDEO

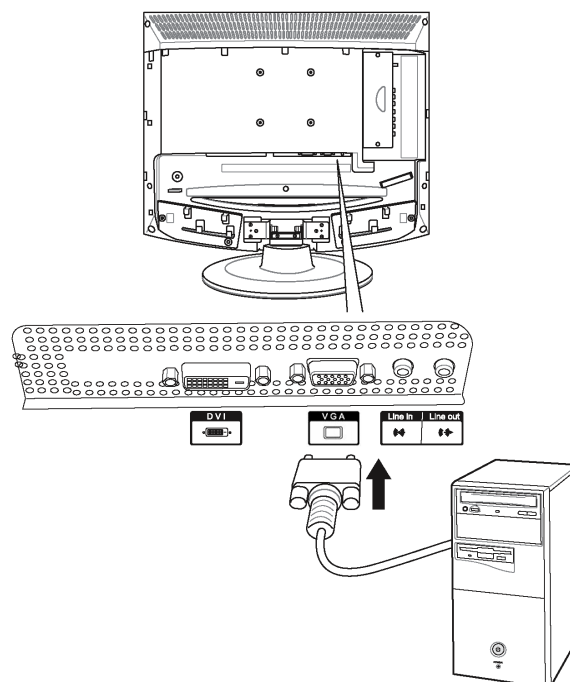
1. Connect the DVI connector on your computer to the DVI connector on the back of your LCD TV with the correct optional cable.
2. Connect the Audio Out jack on your computer to the Line in jack on the back of your LCD TV. See **2-2 Right-side Connectors** for the location of the Line in jack.
3. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the **INPUT** button repeatedly to select DVI-D.

NOTE: The DVI input of this display is compatible with HDCP Copy protection.



4-5-2 TO CONNECT USING VGA VIDEO

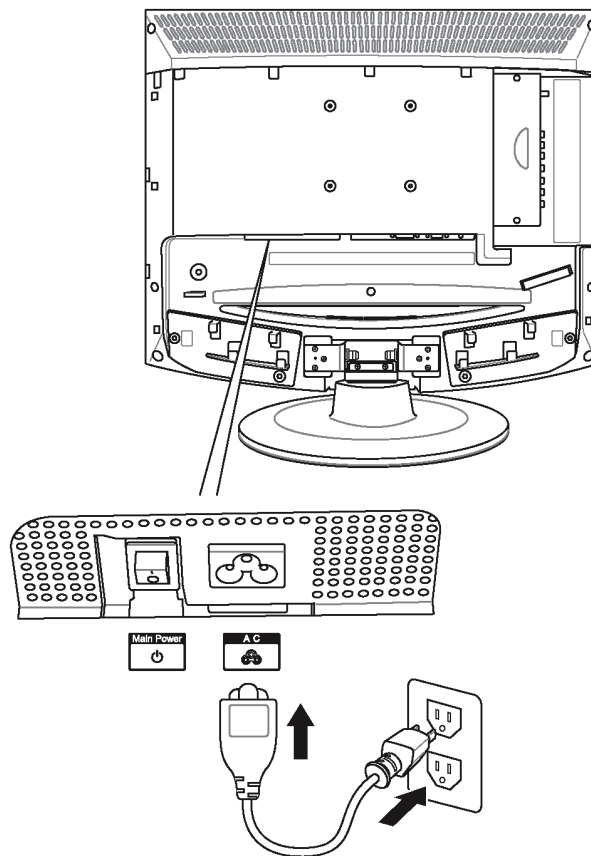
1. Connect the 15-pin D-Sub VGA connector on your computer to the VGA connector on the back of your LCD TV with a VGA monitor cable.
2. Connect the Audio Out jack on your computer to the Line in jack on the back of your LCD TV. See **2-2 Right-side Connectors** for the location of the Line in jack.
3. Turn on your LCD TV (see **1-4 Turning ON the Power**), then press the **INPUT** button repeatedly to select **VGA**.



5 GETTING STARTED

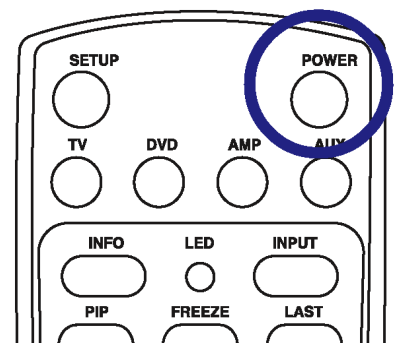
5-1 Plugging In Your LCD TV

1. Connect the power cord to the power cord connector on the back of your LCD TV (see **2-3 Back Connectors**).
2. Plug the other end of the power cord into a properly grounded electrical outlet or surge protector.



5-2 Turning On the LCD TV

1. Press the **MAIN POWER** switch in the back of the unit (see **2-3 Back Connectors** for location). The Status LED on the front turns orange and your LCD TV is ready to turn on.
2. Press the **POWER** button on the front of your LCD TV or on your remote control. The Status LED on the front turns green.



WARNING!

If you will be away for an extended period of time, turn off your LCD TV with the Main Power switch instead of using the remote control or front POWER button. For added protection during a lightning storm or when it is left unattended or unused for long periods of time, unplug your LCD TV from the wall outlet and disconnect the antenna or cable system.

6 ADJUSTING SETTINGS

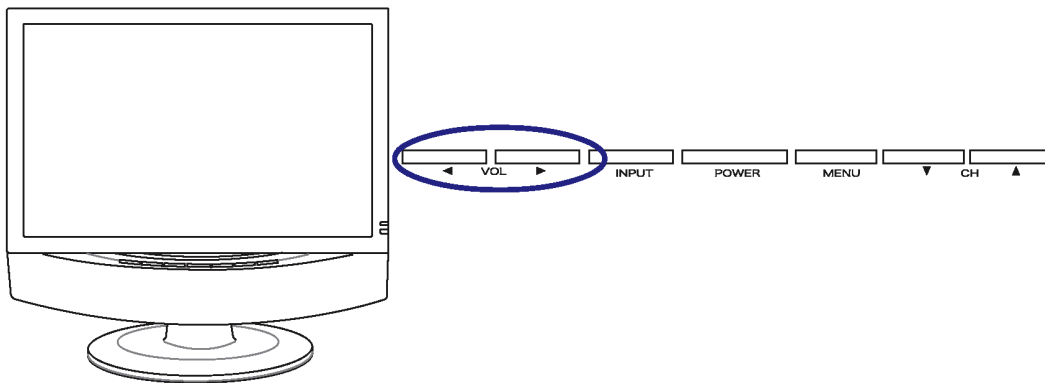
6-1 Basic Operations

6-1-1 ADJUSTING THE VOLUME

You can adjust the volume in two ways - from your LCD TV's front panel or by using the remote control.

To adjust volume from the front panel:

Press  to increase/decrease the sound level.



TO ADJUST VOLUME FROM THE REMOTE

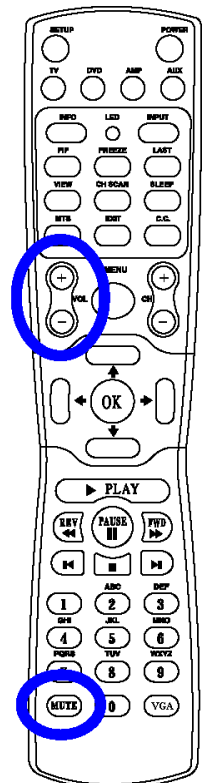
Press the **VOL** buttons (see illustration for location) to turn up or turn down the volume.

TO TEMPORARILY TURN OFF VOLUME (MUTE)

Press the **MUTE** button on the remote control.

TO TURN VOLUME BACK ON

Press the **MUTE** button again or press the **VOL+** button.



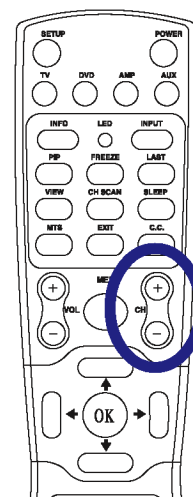
6-1-2 SELECTING CHANNELS

TO SELECT CHANNELS FROM THE LCD TV

Press **▼ CH ▲** to select channel

TO SELECT CHANNELS FROM THE REMOTE

Press the **+/- CH** buttons (see illustration for location).



6-2 Using the On-screen Display (OSD)

Your LCD TV features an onscreen display (OSD) that lets you adjust and save contrast, brightness, and other settings. All the function settings are accessible either through the proper front display buttons or through the remote control. OSD menus may be different depending on the current input source.

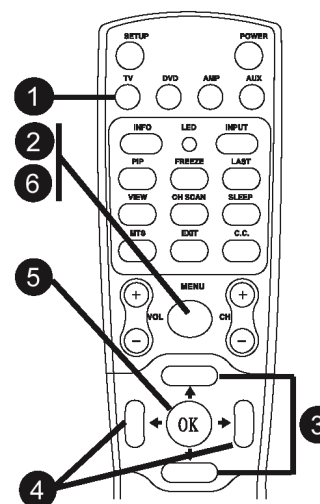
6-2-1 MAKING ADJUSTMENTS

You can access the OSD from either the front of your LCD TV display or from your remote control.

1. With the power ON, press the **TV** button.
2. Press the **MENU** button to show the main menu.
3. Press the **Navigation (UP/DOWN)** buttons to select one of the menu options.
4. Press **OK** on your remote control or the **VOL** buttons on the front panel to access the submenu.
5. Press the **Navigation (RIGHT/LEFT)** buttons to make adjustments.
6. Press the **MENU** button to return to the previous menu option.

- OR -

Press the **MENU** button twice to close the OSD.



6-3 OSD Menus and Options

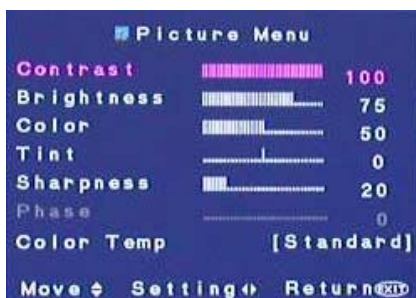
You can use these OSD menus and options to adjust various settings for your LCD TV.

6-3-1 With Source Input Set to CATV, AV1/S1, AV2/S2, YPBPR

Picture Menu



Picture Menu



Contrast - Adjusts the contrast ratio.

Brightness - Adjusts the luminance of the image.

Color - Adjusts the color saturation, making colors more or less intense.

Tint - Adjusts the color of flesh tones. Increasing tint gives a more greenish tone while decreasing tint gives a more reddish tone.

Sharpness - Adjusts the sharpness of the image.

Audio Menu



Treble - Adjusts the treble value to enhance high frequency sounds.

Bass - Adjusts the bass value to enhance the low frequency sounds.

Balance - Adjusts the level of sounds between the left and right speakers.

Setup Menu



Closed Caption - Turns captioning ON/ OFF and selects the closed caption style.

Parental Controls - Activates parental controls. This option is accessible only from the remote control. **NOTE:** PIP is disabled when this option is turned ON.

TV System - Sets the source for the tuner. If you are using cable or a satellite dish, select **Cable**,

HRC, or IRC. If you are connected to an antenna, choose **Air**.

Auto Search - Select this option to add all channels that have a signal to the channel list.

Manual Search - Select this option to add only certain channels to the channel list.

Options Menu



Blue Screen - With this option turned ON, your LCD TV displays a blue screen when there is no available signal.

Sleep - Turns the sleep timer ON/OFF. Select 30, 60, 90, or 120 minutes.

AV2/S2 - Selects the primary input mode for the AV2 connection.

AV3 in-out - Sets AV3 connectors on the bottom front of your LCD TV as an AV in or AV out connection.

Language - Changes the language of the OSD menu. Select between English, French, or Spanish.

Serial Number - Displays your LCD TV's serial number.

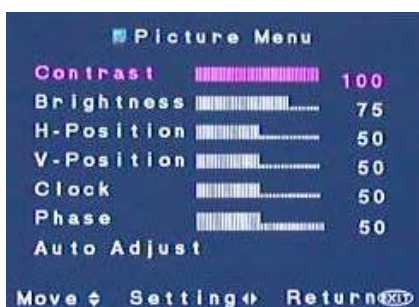
Factory Preset - Resets display settings to the factory default.

6-3-2 With Source Input Set to PC

Main Menu



Picture Menu



Contrast - Adjusts the contrast ratio.

Brightness - Adjusts the luminance of the image.

Auto Adjust - Automatically adjusts to the best image position, as well as the best clock and phase settings.

H-Position - Adjusts the horizontal position of the image.

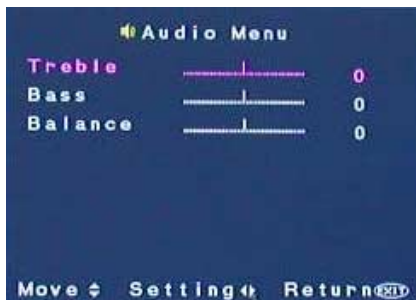
V-Position - Adjusts the vertical position of the image.

Clock - Adjusts your LCD TV to match the video input source. Used when patterns appear.

Phase - Adjusts the picture to remove any noise such as, horizontal distortion, and clears or sharpens the displayed characters.

NOTE: The **Clock** and **Phase** settings are only available when using the RGB input.

Audio Menu

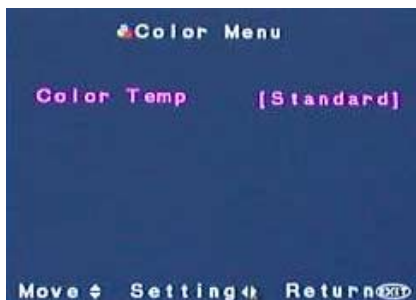


Treble - Adjusts the treble value to enhance high frequency sounds.

Bass - Adjusts the bass value to enhance the low frequency sounds.

Balance - Adjusts the level of sounds between the left and right speakers.

Color Menu

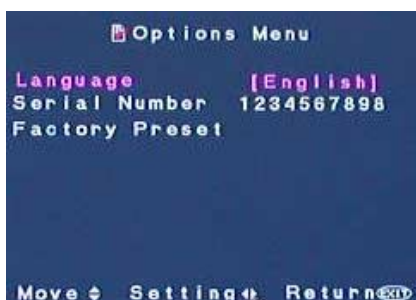


Standard - Select to use standard or default color setting.

Warm - Select for a more reddish tone.

Cold - Select for a more bluish tone.

Options Menu



Language - Changes the language of the OSD menu. Select between English, French, or Spanish.

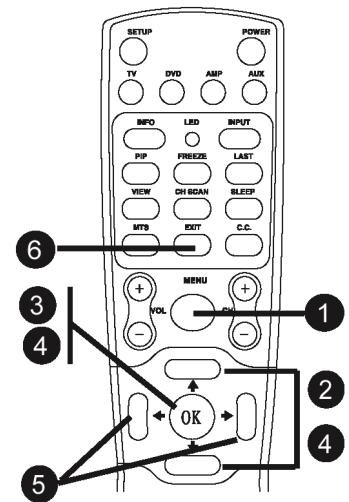
Serial Number - Displays your LCD TV's serial number.

Factory Preset - Resets display settings to the factory default.

6-4 Choosing Your Language (LANGUAGE)

The LANGUAGE option enables you to select which language will be used for displaying menus and indications.

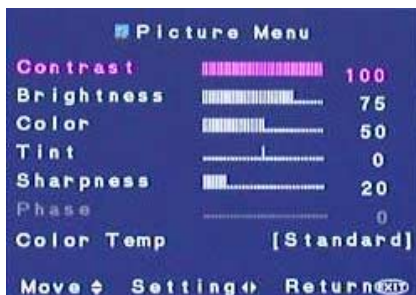
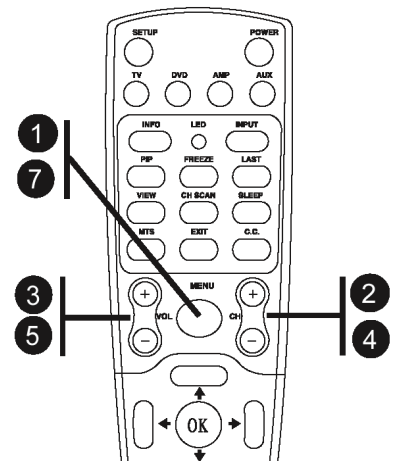
1. Press the MENU button. The Main menu opens.
2. Press the Navigation (UP/DOWN) buttons to select the Options submenu.
3. Press OK. The Options menu opens.
4. Use the Navigation (UP/DOWN) buttons to highlight LANGUAGE and then press OK.
5. Use the Navigation (RIGHT/LEFT) buttons to highlight the desired language.
6. When you are satisfied with your choice, press EXIT to return to normal viewing.



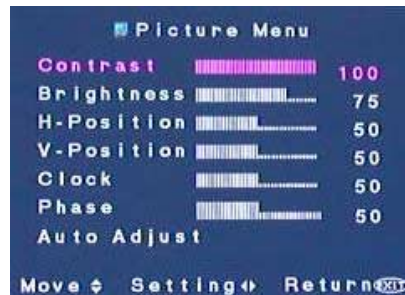
6-5 Adjusting Picture Settings

Follow these steps to adjust your LCD TV image.

1. Press **MENU** to call up the on-screen display (OSD) main menu.
2. Press the **Navigation (UP/DOWN)** buttons to highlight **Picture Menu**.
3. Press the either one of the **Navigation (RIGHT/LEFT)** buttons to make selection.
4. Press the **Navigation (UP/DOWN)** buttons to select the option you want to adjust.
5. Press the **Navigation (RIGHT/LEFT)** buttons to adjust the setting.
6. Press the **Navigation (UP/DOWN)** buttons to select and adjust other picture settings.
7. Press **MENU** repeatedly until you exit out of the OSD menus.



Source Input - TV/AV/SV/CS



Source Input - PC

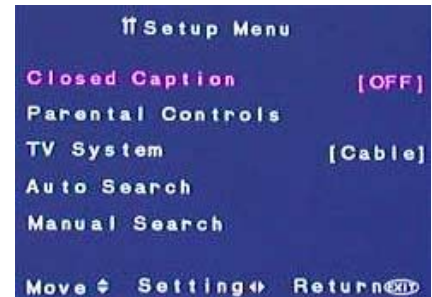
7 Setting the Channel

7-1 Setting Channels Automatically (AUTO SEARCH)

Use this option to quickly add all channels that have a signal to the channel list.

TO ADD CHANNELS AUTOMATICALLY

1. Press the **MENU** button on the remote control to open the OSD.
2. Press the **Navigation (UP/DOWN)** buttons to select the **Setup** menu.
3. Press **OK** to open the menu.
4. Press the **Navigation (UP/DOWN)** buttons to select **AUTO SEARCH**.
5. Press **OK** to start the auto scanning of channels.
6. Press **EXIT** to close the OSD.



7-2 Setting Channels Manually (MANUAL SEARCH)

Use this option to add certain channels to the channel list.

TO ADD CHANNELS MANUALLY

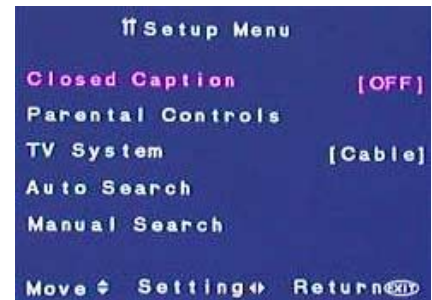
1. Press the **MENU** button on the remote control to open the OSD.
2. Press the **Navigation (UP/DOWN)** buttons to select the **Setup** menu.
3. Press **OK** to open the menu.
4. Press the **Navigation (UP/DOWN)** buttons to select **MANUAL SEARCH**.
5. Press **OK** to select
6. Select the channel to add to the channel list.
7. Press the **Navigation (RIGHT)** to **Add Channel**.
8. Press **EXIT** to close the OSD.



7-3 Removing Unwanted Channels (MANUAL SEARCH)

TO REMOVE CHANNELS

1. Press the MENU button on the remote control to open the OSD.
2. Press the Navigation (UP/DOWN) buttons to select the Setup menu.
3. Press OK to open the menu.
4. Press the Navigation (UP/DOWN) buttons to select MANUAL SEARCH.
5. Press **OK** to select.
6. Select the channel you want to delete from the channel list.
7. Press the **Navigation (LEFT)** to **Erase Channel**.
8. Press **EXIT** to close the OSD.



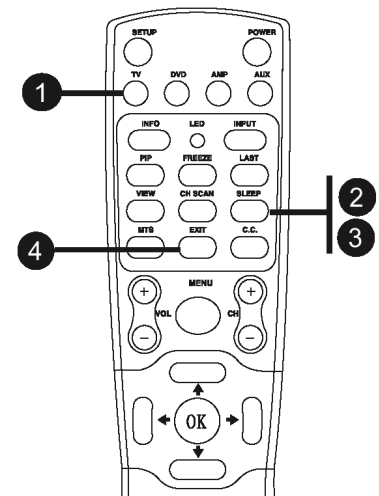
8 ADVANCED SETTINGS

8-1 Setting the Sleep Timer

The sleep timer allows your LCD TV to automatically turn OFF after a given amount of time. You can set the sleep timer using your remote control or through the onscreen display (OSD).

TO SET THE SLEEP TIMER USING THE REMOTE CONTROL

1. Press the **SLEEP** button on the remote control.
The sleep timer appears at the top of your screen.
2. Press the **SLEEP** button one or more times to select the time you want.
3. Press the **EXIT** button to hide the sleep timer display. Your sleep timer is now running in the background. The sleep timer will be hidden after 10 seconds.



TO TURN OFF THE SLEEP TIMER

Press the **SLEEP** button repeatedly until Sleep OFF appears.

8-2 Blocking Channels

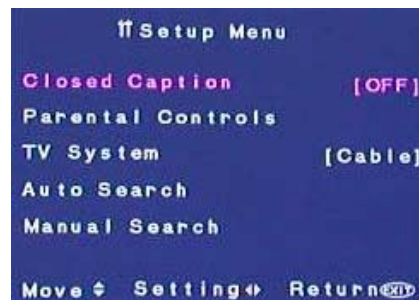
The parental controls feature prevents viewers from watching programs that are not age-appropriate, such as programs containing violence or adult language. The Status option in the OSD must be ON for parental controls to be in effect. You can set parental control locks using:

- MPAA (Motion Pictures Association of America)
- TV Guidelines (TV Ratings)
- Canadian English TV
- Canadian French TV

IMPORTANT: PIP modes will not work when parental controls are turned on.

TO SET THE PARENTAL CONTROLS FOR MOVIES

1. Press the **MENU** button on the remote control to open the OSD.
2. Press the **Navigation (UP/DOWN)** buttons to select the **Setup** menu.
3. Press **OK** to open the menu.
4. Press the **Navigation (UP/DOWN)** buttons to select the **Parental Controls** submenu.
5. Press **OK** to open the submenu.
6. Use the number pad to enter your password if prompted. If you have not set a password, enter 0000. For more information about setting a password, see **8-3 Setting a Password**.
7. Press the **Navigation (UP/DOWN)** buttons to select the **MPAA** option.
8. Press **OK** to open the option menu.
9. Press the **Navigation (UP/DOWN)** buttons to select each option, then press the **Navigation (RIGHT/LEFT)** buttons to select **BLOCK** or **UNBLOCK**.



This option lets you block the following MPAA movie ratings:

G (general audience)

PG (parental guidance suggested)

PG-13 (recommended for children 13 years of age and older)

R (mature audience)

NC-17 (no one under 17 years of age)

X (no one under 17 years of age)

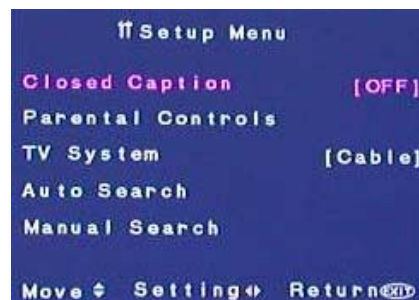
10. Press **EXIT** when you are finished making changes to this option.

8-3 Setting a Password

You control access to the parental controls with a password. The default password is 0000. You can change the password to any four-digit number.

TO SET OR CHANGE A PASSWORD

1. Press the **MENU** button on the remote control to open the OSD.
2. Press the **Navigation (UP/DOWN)** buttons to select the **Setup** menu.
3. Press **OK** to open the menu.
4. Press the **Navigation (UP/DOWN)** buttons to select **Parental Controls**.



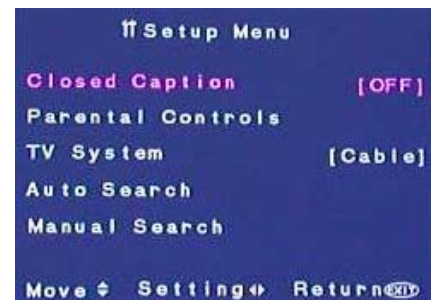
5. Press **OK** to open the submenu.
6. Use the number pad to enter your password if prompted.
If you have not set a password, enter 0000. If you have forgotten your password, press the front panel VOL ► and CH ▲ buttons at the same time and hold for two seconds, then enter a new password.
7. Use the **Navigation (UP/DOWN)** buttons to select the **Change Password** submenu.
8. Press **OK** to change the settings.
9. Use the number button pad to enter a new four-digit password when prompted.
10. Re-enter the new four-digit password.
11. Press **EXIT** to close the OSD.

8-4 Displaying Closed Caption Subtitles

Designed to help the hearing-impaired, Closed Captioning (C.C.) displays on screen the voice content of TV programs.

TO TURN ON CLOSED CAPTIONING

1. Press the **MENU** button on the remote control to open the OSD.
2. Press the **Navigation (UP/DOWN)** buttons to select the **Setup** menu.
3. Press **OK** to open the menu.
4. Press the **Navigation (UP/DOWN)** buttons to select **Closed Caption**.
5. Press **OK** to open the submenu.
6. Use the **Navigation (RIGHT/LEFT)** buttons to select Closed Caption setting.
7. Press **OK** to change the settings.
8. Press **EXIT** to close the OSD.



NOTE: Not all programs are broadcast with Closed Captioning. For a listing of stations and show times with Closed Captioning, refer to your local TV program listing.

8-5 Displaying the Serial Number

1. Press the **MENU** button on the remote control to open the OSD.
2. Press the **Navigation (UP/DOWN)** buttons to select the **Options** menu.
3. Press **OK** to open the menu.
4. The serial number is displayed on screen.
5. Press **EXIT** to close the OSD.



8-6 Resetting to Factory Settings

To reset to the default factory settings, follow these steps.

1. Press the **MENU** button on the remote control to open the OSD.
2. Press the **Navigation (UP/DOWN)** buttons to select the **Options** menu.
3. Press **OK** to open the menu.
4. Press the **Navigation (UP/DOWN)** buttons to select **Factory Preset**.
5. Press **OK**.
6. Press **EXIT** to close the OSD.



9 PROGRAMMING THE REMOTE CONTROL

The TV device button has been preset to work with your LCD TV. You can program the remote control to work with as many as seven other devices (VCR, DVD player, satellite, etc).

9-1 Programming to Control Other Devices

TO PROGRAM TO CONTROL OTHER DEVICES

1. Turn ON the device that you want to program the remote to control.
2. On the remote control, hold down the **SETUP** button and press the corresponding device button until the LED lights and stays on.
3. Enter the three-digit programming code for the device and manufacturer. For a list of device programming codes, see **9-2 Device Program Codes**. If the code is accepted, the LED turns OFF. If the LED does not turn OFF, repeat steps 2 and 3 with the next code listed for the device and manufacturer.
NOTE: Many devices have more than one code listed. For these, start with the first code, if that doesn't work, try the second and so on. Make sure that you try all the codes listed until you find the one that works for the device.
4. Point the remote control at the device and press **POWER**. The device should turn off.

9-2 Device Program Codes

The following is a list of device codes to be used when manually programming your remote control. You may have to try several of the codes for each brand before finding a code that works with your device.

VCR

American high	007	Jensen	013
Admiral	019	JVC	002,013,025
Adventura	059	KEC	009,044
Aiko	044	Kenwood	010,013,017,025
Aiwa	009,046,059,067,068	KLH	027
Akai	013,021,022,030,069	Kodak	007,009
Amstrad	070	Logik	027
Asha	042	Lloyd's	037,059
Audiovox	009	LXI	009
Beaumarck	042	Magnasonic	044,052
Bell & Howell	029	Magnavox	007,011,028,032,059
Broksonic	001,033,035,038,045,049,071	Magin	042
Calix	009	Marantz	007,010,028
Canon	007	Marta	009
Capehart	003	MEI	007
Carver	028	Matsushita	007,034,048
CCE	027,044	Memorex	007,009,011,017,018,019,029,042 046,053,056,057,059
Cineral	044	MGA	015,021,022,042
Citizen	009,044	MGN technology	042
Colt	027	Minolta	014,030
Craig	009,018,027,042,043	Mitsubishi	015,019,021,022,025,074,075
Curtis Mathes	007,013,034	Motorola	007,019
Daewoo	003,016,044,051	MTC	042,059
Daytron	003	Multitech	027,059
Denon	014	NAP	005,006,007,009,011,014,024,030
Dynatech	059	NEC	010,012,013,025,029
Electroponic	009	Nikko	009
Electrohome	009	Nikon	006
Emerex	004	Noblex	042
Emerson	001,008,009,015,021,022,026,033 035,037,038,040,044,045,049,051 059,071	Olympus	007 009,019,029,034,047,048,052,054 055,056,057
Fisher	018,020,024,029	Optonica	023
Fuji	005,007	Orion	001,035,045,049
Funai	059,070	Panasonic	007,034,041,048,056
Garrard	059,070	Penney	007,009,010,012,014,020,042
GE	007,019,036,042	Pentax	014,030
Goldstar	009,010	Philco	007,038
Go Video	047,050,072,073	Philips	023,028,032
Gradiente	002,059	Pilot	009
Harley Davidson	059	Pioneer	025
Harman/Kardon	010,028	Portland	003
Harwood	026,027	Profitronic	042
Headquarter	017	Proscan	036
HI-Q	018	Protec	027
Hitachi	013,014,030,059	Pulsar	011
		Quasar	007,034,048,056

Quarter	017	SAT.	
Quartz	017		
Radio Shack	053,059	Aifa	190
Randex	009	Aiko	184
RCA	007,014,019,030,031,036,042	Alfa gold	177
Realistic	007,009,017,018, 019,023,024,029,059	Alphastar	078,124
Ricon	006	Best	148
Ridix	009	Channel Master	046,062
Runco	011	Chaparral	049,060,062,063,098,114
Samsung	016,042	Citoh	125
Sanky	011,019	Digital satellite TV	179,180,181,182
Sansui	013,025,043,049,059	Drake	046,050,102,065,106, 108,115,118,121
Sanyo	017,018,029,042		169,170
Scott	015,016,033,035,039,040	Drake satellite	139,140,141
Sears	007,009,014,017,018,020,024,029 030,059	Dx Antenn	047
Semp	016	DX Communications	116
Sharp	019,023	Echostar	055,057,066,099,079, 111,149,153,156
Shintom	027		157,158,159,160,163,164,165
Shogun	042	Equus	110
Signature	007	Eurostar	166
Singer	027	Expressvu	079
Sony	004,006,007,059	Fortec star	175,176
STS	014	Fujitsu	095
Sylvania	007,015,028,032,059	General Instrument	068,091,092,093,117,126,127
Symphonic	052,059,070	Hitachi	081,261
Tatung	013	Homecable	064
Teac	013,059	HTS	079,112
Technics	007,011,034,036	Hughes Network Sys.	077
Technika	007,009,059	Hughes satellite	261
Thomas	059	Instrument	072
TMK	008,037,042	Intersat	113
Toshiba	015,016,024,039,040	IQ	061
Totevision	009,042	IQ Prism	061
Unitech	042	Janeil	056,095
Vector	016	Jerrold	068,072
Vector research	010,012	JVC	079
Vediosonic	042	Kenwood	096
Video Concepts	012,016,021,022	Legend	066,099
Wards	007,014,016,018,019, 023,027,028,040, 042,059	Macom	046,089,093,126
White Westinghouse	044	Macom satellite	138
XR-1000	007,027,059	Magnavox	075,076
Yamaha	010,013	Memorex	066,076
Zenith	005,006,011,049,059	Micro formula	171
Some models	060,061,062,063,064,065,066	Mina	167
		Mitsubishi	168
		Orb	104

Orbit	162
Pace	189
Panasonic	056,074,088
Pansat	101,120,151
Panaset	187
Pbi	171
Philips	059,075,076,174
President	051
Primester	068,072,150
Prosat	145
Proscan	071
Quick draw	116
Radio Shack	091,092,071
RCA	054,070,071,082,143,183
RCA DSS	263,264,265
RC-AK	152
Realistic	052
Rural cable	091
Samsung	124,155
Scientific Atlanta	146,183
Signal super LT	930 154
Skardin	191,192,193
Sony	073
Star Trak	058,094,122,123,128
STS	047,061
STS satellite	137
Space TV	173
Sun Moon Star	188
Superguige	097,105
Tadiran	185
Technosat	163
Tedalex	161
Toshiba	053,138
Tosonic	080
Uniden	048,051,052,064,069, 075,076,090,097 099,107,109
United satellite	134,136
Veccom	171
Video pall	095
Viewstar	119
Vortec	178
Winner	144,147
Zenith	050,065,083,095,138
Zenith satellite	133,139,140,141
Some models	142,172

Cable

ABC	001,003,004,005, 006,008,009,011 194,195,246
Aeon	228
Aifa	240,251,253,255
Aikotec	267,268
Allegro	026,034
Antena	266
Antronix	015,028
APO	221
Archer	015,026,028,044
Asia	247
Asiagiant-777	233
Atlanta	005,011,038,250,254
Belcor	022
Bell & Howell	009
Best	197
Cable star	022
Cabletenna	015
Cableview	015
Century	026,241
Citizen	026,034
Colour voice	017,019
Comtronics	021
Contec	012
Cs-100	218
Digi	043
Eastern	002,207,208,209,210,227,234
Emerson	044
Everquest	010,021
Focus	035
Garrard	026
GC Electronics	022,028
Gemini	010
G.I	006,032,037,129,130, 131,257,258 259,260
GMI	198,219,229,231,232
Golden	248
Goldstar	021,025
Goodmind	044
Hamlin	013,020,031,086
Hitachi	006
Hytex	004
IEEC	206,215,216,217,239
IMC	256

Jasco	010,026,034	Tandy	030
JEBSEE	223	Tay Shoen	222,225
Jerrold	003,006,007,009,010,032,037,129 130,131,196,237,238,245,262	Teleview	021
KOKA	202,205	Texscan	001
LEON	198,219	TFC	033
Magnasonic	018	Timeless	036
Magnavox	009,018	Tocom	007,008
Mechanics	035	Toshiba	085
Memorex	085	Trans	224,226,230,235,242
Movie Time	023	Tusa	010
NAP	004	TV86	023
Novaplex	042	Unika	015,026,028
NSC	023	United artists	004
OAK	004,012	Universal	015,022,026,027,028
OAK Sigma 500	200	Videoway	029
Optimus	014	Viewstar	018,023,030
Panasonic	014,024,085	Winer	201
Panther	043,244	WISO	203,204
Paragon	085,243,249	Zenith	005,010,028,040,085
Philips	017,018,019,026	Zentek	035
Pioneer	016,025,041		
Popular	035	DVD	
Proscan	014	Harman/Kardon	010
Pulsar	085	JVC	007
Radio Shack	010,034,044,045	Kenwood	005
RCA	014	Magnavox	001
Realistic	028	Mitsubishi	002
Recoton	035	Onkyo	001
Regal	013,031	Optimus	003
Regency	002	Philips	001
Rembrandt	006	Pioneer	003,008
Runco	085	Samsung	009
Samsung	021,025	Sony	004
Scientific Atlanta	132,252	Toshiba	001
Seam	039	Yamaha	006
Sg	211	Zenith	001,011
Signal	010,021		
Signature	006	LD	
Skygiant	212,213,214	Aiwa	019
SL Marx	021	Carver	014,017,022
Sprucer	014	Denon	013,015
Starcom	003,010	Disco vision	012
Stargate	021,044	Funai	019
Starquest	010	Harman/Kardon	017
Sylvania	001	Hitachi	012
TADA	199,236		
Taicom	202,220		

Magnavox	017,021	Krell	046
Marantz	014,017	Kyocare	027
Mitsubishi	013	Linn	046
NAD	013	Luxman	038
Panasonic	020	LXI	068
Philips	014,017	Magnavox	046,068
Pioneer	012	Magnavox CD-R	083
Quasar	020	Marantz	029,046,053
Realistic	019	McIntosh	066
Samsung	022	MCS	029,033
Sega	012	Mission	046
Sony	016,018	MTC	073
Technics	020	Nakamichi	043
Theta digital	017	NEC	033,061
Yamaha	021	Nikko	047,048
Zenith	017	NSM	046
		Onkyo	039,089
		Optimus	023,030,032,036,042, 051,052,057,058 065,068,069,073,075,076,078
		Panasonic	029,067,070,085
		Paramount Pict	211
		Parasound	057,073
		Philips	046,066,083
		Pioneer	030,062,068,078
		Proscan	034
		Proton	046
		QED	046
		Quasar	029
		RCA	025,034,044,052,068,086
		Realistic	044,047,051,052,053,073
		Rotel	046,073
		SAE	046
		Sansui	046,059,068
		Sanyo	036,052
		Scott	044,047,068
		Sears	068
		Sharp	032,053,088
		Sony	023
		AMP	
		Aiwa	110
		Bose	113
		Carver	102
		Curtis Mathes	103
		Denon	096
		GE	093
ADC	027		
Adcom	044,061		
Aiwa	026,041,046		
Akai	045		
Audio Alchemy	057		
Audio-Techica	048		
BSR	057,063		
Burmester	073		
California Audio Labs	029		
Carrera	057		
Carver	046,052,076		
Crown	040		
Curtis Mathes	029		
DAK	063		
DBX	064		
Demon	024		
Denon	090		
DKK	023		
Emerson	044,047,068,079		
Fisher	037,052,069		
Garrard	063,065,071,073,074		
GE	025		
Genexxa	030,047,068		
Goldstar	072		
Harman/Kardon	046,049,075		
Hitachi	030,044		
JVC	035		
Kenwood	028,032,056,084,087		
Kodak	066		

JVC	106	Marantz	118,129,139
Kenwood	107,108	MCS	118,151
Linn	102	NAD	149
Luxman	097	Nakamichi	125,152
Magnavox	102	NEC	144
Marantz	102,105	Onkyo	126,130,154
Nakamichi	105	Optimus	119,124,136,137,138, 142,163,166,167,169
NEC	101	Panasonic	118,146,161
Optimus	109	Philips	139,155
Panasonic	104	Pioneer	116,124,131,163,165
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TROUBLESHOOTING AND SUPPORT

Before contacting customer service, use the following information to solve common problems.

No Picture

- Make sure that the power cord is properly plugged into a grounded electrical outlet.
- Make sure that the main power switch and power button are turned ON.
- Make sure that the selected video input source is connected to a working component.
- If your LCD TV is connected to your computer in VGA mode, press any key on your keyboard to wake up your computer.

No Sound

- Try pressing the **MUTE** button.
- Make sure that the headphones are not connected.
- Check MTS settings under the OSD Audio menu.

Distorted Picture or Unusual Sounds

You may be getting interference from electrical appliances, cars, motorcycles, or fluorescent lights. Try moving your LCD TV to another location.

Abnormal Colors

Make sure that the input source cable is connected securely and correctly to your LCD TV.

Abnormal Patterns

- Make sure that the input source cable is attached securely and correctly.
- Make sure that the video input source is within the range of your LCD TV.
- Compare the video input source's specifications with your LCD TV's specifications.

Wrong Image Size

If you are using DVI-D or VGA mode, make sure that the H-Position and V-Position in the OSD is set correctly.

Normal Picture, No Sound

- Make sure that the volume is not turned down.
- Make sure that the sound is not muted.
- Make sure that your audio input source cables are connected securely and correctly.

Pixel Problems

Your LCD TV is manufactured using an extremely high level of precision technology. However, sometimes some pixels of your LCD TV may not display correctly. Pixel defects within industry specifications are inherent to this type of product and do not constitute a defective product.

Screen Noise

- When your LCD TV's digital capabilities exceed a digital broadcast signal, the signal is up-converted (increased) to match your LCD TV's display capabilities. Up-converting can cause noise or trash.
- The signal on DVI-D is HDCP encoded. Stop and restart the source.

Dim Screen

Video display devices experience degradation of brightness over the life of the device. Normal brightness degradation is not covered by your warranty.

Remote Control Not Working

- Make sure that the batteries are inserted correctly.
- Make sure the remote control sensor window is not under strong lighting.

Insignia Support

If this troubleshooting information does not resolve your problem or if you have other questions relating to your LCD TV, please visit our website at www.insigniaproducts.com, visit your Best Buy store or call 1-877-467-4289.