

BlackCrystal™ 3001 Series LED TV

JLE32BC3001 32" Class

JLE37BC3001 37" Class

JLE42BC3001 42" Class

JLE47BC3001 47" Class



Before operating your LED TV, please read this manual thoroughly.

Contents

Congratulations on purchasing your new JVC TV. To get the most out of your JVC LED TV, read these instructions before making any adjustments, and retain them for future reference.

For assistance, call the JVC Customer Support and Service Center 1-855-868-1928 or visit our website <http://go.jvc.com/HDTVSupport/>

We recommend that you register your JVC LED TV either at our website <http://go.jvc.com/HDTVSupport/> or fill out and mail the Product Registration Card on the back of the manual.

Retain your purchase receipt and write down the model and serial number located at the back of your LED TV for easy reference when obtaining service support.

Serial Number:	_____
Model Number:	_____



SRS StudioSound HD is a trademark of SRS Labs, Inc. StudioSurround HD technology is incorporated under license from SRS Labs, Inc.



This product qualifies for ENERGY STAR in the "factory default" setting and this is the setting in which power savings will be achieved. Changing the factory default picture setting or enabling other features will increase power consumption that could exceed the limits necessary to qualify for Energy Star rating.



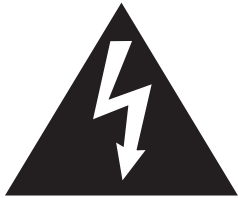
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CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To Reduce The Risk Of Electric Shock, Do Not Remove Cover (Or Back). No User-Serviceable Parts Inside. Refer Servicing To Qualified Service Personnel.



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.



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 HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OPEN FLAMES AWAY FROM THIS PRODUCT AT TIMES.

CAUTION: TO PREVENT ELECTRIC SHOCK. DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

WARNING: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

Location of the required Marking

The rating sheet and the safety caution are on the rear of the unit.

Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with 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 are 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) Apparatus should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the apparatus.
- 16) An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
- 17) Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.
- 18) Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.
- 19) If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges, Section 810 of the National Electrical Code, ANSI/NFPA 70, 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.
- 20) When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
- 21) Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.



Important Safety Instructions

- 22) When you connect the product to other equipment, turn off the power and unplug all of the equipment from the wall outlet. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual of the other equipment carefully and follow the instructions when making any connections.
- 23) Sudden high volume sound may cause hearing or speaker damage. When you use headphones, (if the unit is equipped with a headphone jack) keep the volume at a moderate level. If you use headphones continuously with high volume sound, it may cause hearing damage.
- 24) Do not allow the product to output distorted sound for an extended period of time. It may cause speaker overheating and fire.
- 25) This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.
- 26) The socket-outlet must be installed near the unit and easily accessible.

CHILD SAFETY:

It Makes A Difference How and Where You Use TV

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 TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations.

TVs 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 TV.

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 TVs 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" TV. 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 TV so that they cannot be pulled or grabbed by curious children.

CONDENSATION

Moisture will form in the operating section of the unit if the unit is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, unit's performance will be impaired. To prevent this, let the unit stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually. Condensation may also form during the summer if the unit is exposed to the breeze from an air conditioner. In such cases, change the location of the unit.

HOW TO HANDLE THE LED PANEL

- Do not press hard or jolt the LED panel. It may cause the LED panel glass to break and injury may occur.
- If the LED panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Possible Adverse Effects on LED Panel:

If a fixed (non-moving) pattern remains on the LED Panel for long periods of time, the image can become permanently engrained in the LED Panel and cause subtle but permanent ghost images. This type of damage is **NOT COVERED BY YOUR WARRANTY**. Never leave your TV on for long periods of time while it is displaying the following formats or images:

- Fixed Images, such as stock tickers, video game patterns, TV station logos, and websites.
- Special Formats that do not use the entire screen. For example, viewing letterbox style (16:9) media on a normal (4:3) display (black bars at top and bottom of screen); or viewing normal style (4:3) media on a widescreen (16:9) display (black bars on left and right sides of screen).

The following symptoms are not signs of malfunction but technical limitation.

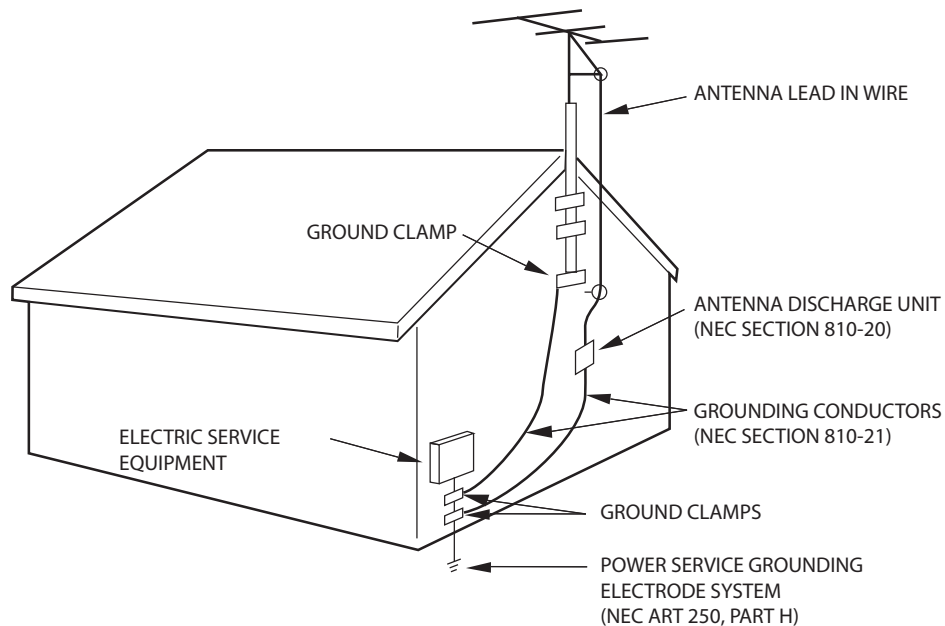
- LED Panels are manufactured using an extremely high level of precision technology, however sometimes parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.
- Do not install the TV near electronic equipment that produces electromagnetic waves. Some equipment placed too near this unit may cause interference.
- Effect on infrared devices – There may be interference while using infrared devices such as infrared cordless headphones.

Television Antenna Connection Protection

External Television Antenna Grounding

If an outside antenna/satellite dish or cable system is to be connected to the TV, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and static charges.

Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of the grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements of the grounding electrode.



Lightning Protection

For added protection of the TV during a lightning storm or when it is left unattended or unused for long periods of time, unplug the TV from the wall outlet and disconnect the antenna or cable system.

Power Lines

Do not locate the antenna near overhead light or power circuits, or where it could fall into such power lines or circuits.

DTV Transition Advisory

As of June 12, 2009, all U.S. television stations have switched to digital broadcasting. As a result, owners of analog television sets must connect a digital-to-analog converter box to the television set or subscribe to cable or satellite TV to receive over-the-air TV. Analog-only TVs continue to work as before to receive low power, Class A or translator television stations and with cable and satellite TV services, gaming consoles, VCRs, DVD players, and similar products.

For more information about the DTV transition, visit www.dtv.gov.

FCC's Consumer Center

Email: dtvinfo@fcc.gov

Phone: 1-888-CALL-FCC (1-888-225-5322)

Fax: 1-866-418-0232; or writing to:

Mail: Federal Communications Commission

Consumer and Governmental Affairs Bureau

Consumer Inquiries and Complaints Division

445 12th Street, SW

Washington, DC 20554

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Attaching the Stand

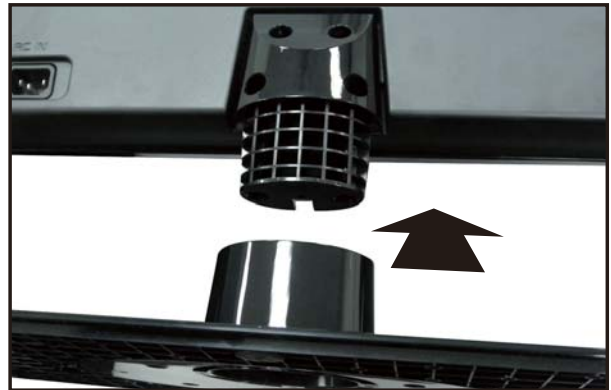
The stand installation varies depending on model. Perform the installation according to the instructions of your TV model.

Unpacking the TV

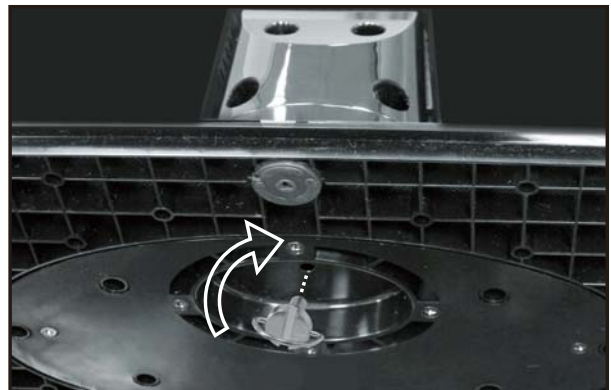
- 1** Remove the remote control, power cord, and other accessories from the foam and caps.
- 2** Remove the top foam caps.
- 3** Remove the stand.
- 4** Remove the TV from the box.
- 5** Place the TV face down on a flat and clean surface.
- 6** Attach the stand according to the instructions of your TV model.

JLE32BC3001(32") & JLE37BC3001(37")

- 1** Connect the TV's neck to the stand.

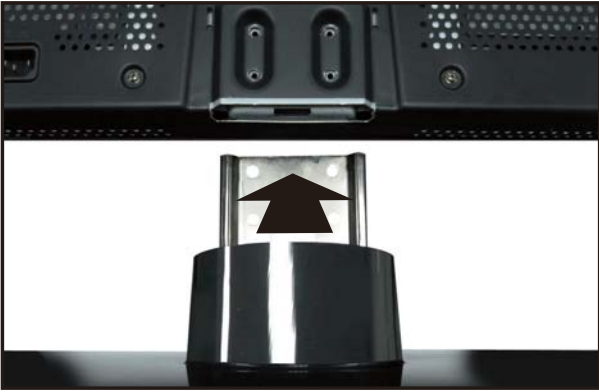


- 2** Secure the base with the provided thumbscrew.



JLE42BC3001(42") & JLE47BC3001(47")

- 1 Align the metal neck of the stand to the slot at the back of the TV and insert the neck into the slot.



- 2 Align the bottom four screw holes with the neck and stand, and secure with the provided four screws and screwdriver.



- 3 Insert the neck cover into the slot and attach it firmly until it locks into place.



Removing the Stand

When the TV needs to be transported, remove the stand and pack the TV back in the carton. To remove the stand, perform the assemble steps in reverse order according to your TV model.

Package Contents

Check if the following items are included in your package.

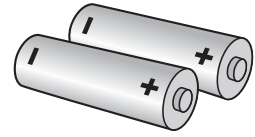
LED TV



Remote Control



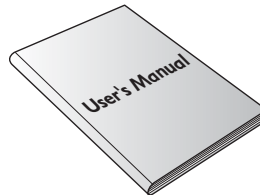
Batteries



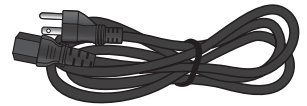
Quick Start Guide



User Manual

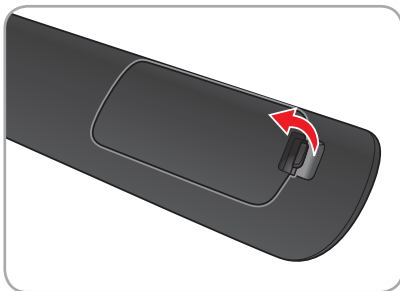


Power Cord

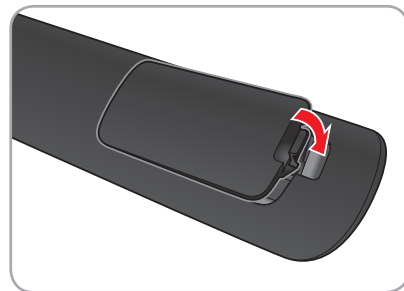


Remote Control Batteries

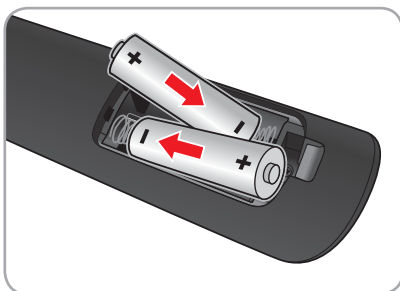
1 Push the tab, then lift to open the cover.



3 Close the battery cover.



2 Insert the batteries, making sure the [+] and [-] polarities are correct.



Battery Precautions:

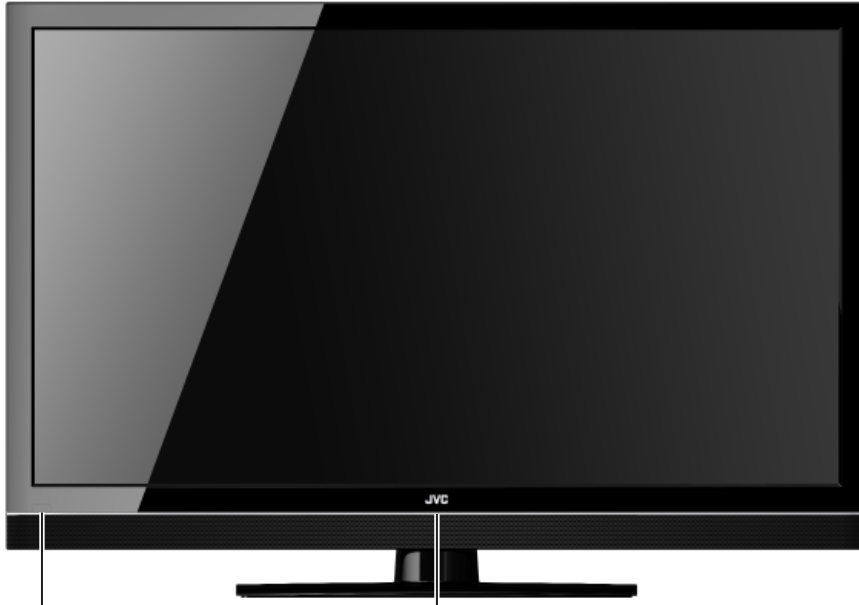
Be sure to follow the correct polarity. Incorrect installation may cause battery leakage or damage the remote control. Always replace batteries in pair. Do not combine a used battery with a new one.

Do not use different battery types together (e.g. "Alkaline" and "Carbon-zinc").

If the remote control is not to be used for a long period of time, remove the batteries to prevent battery leakage.

Parts and Functions

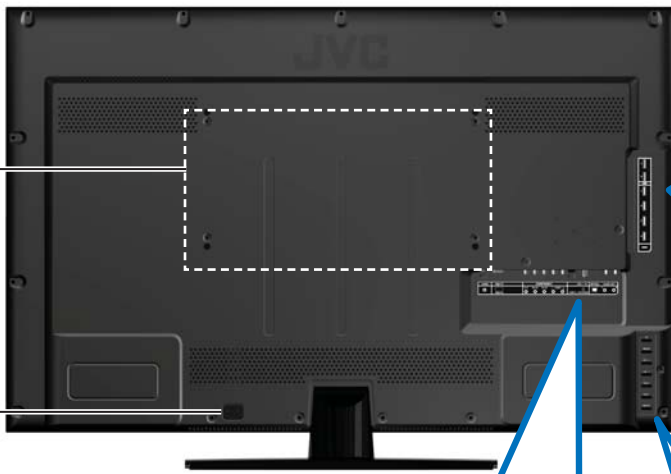
Front Views



Remote control sensor

Power indicator
 • Power ON: White

Rear View



VESA mounting holes

AC INPUT



USB port

HDMI port

PC Audio / Music IN
 (See page 18)

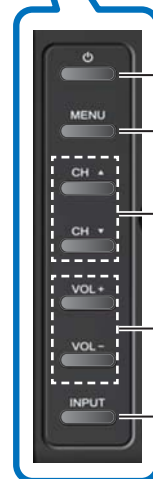
PC IN (See page 18)

Component IN / Composite IN
 (See page 16)

DTV / TV / Antenna
 (See page 15)

Optical Audio OUT
 (See page 17)

Stereo Audio OUT
 (See page 17)



POWER button

MENU button

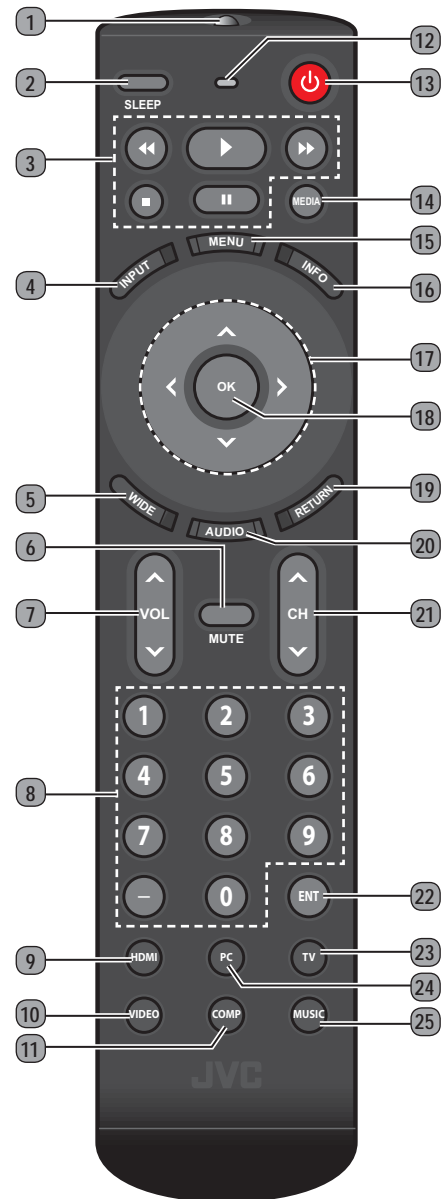
Channel Up / Down button

Volume Up / Down button

INPUT button

Remote Control

- 1 IR Transmitter: Sends remote control signal to the TV.
- 2 SLEEP button: Select a sleep mode timer (Off, 30 minutes, 60 minutes, 90 minutes, 120 minutes, 180 minutes).
- 3 Playback controls: The buttons are used for Photo, Music, Video, and HDMI CEC function.
- 4 INPUT button: Change the input source.
- 5 WIDE button: Change the display mode (Normal, Wide, Zoom Panoramic).
- 6 MUTE button: Turn the TV audio off or on.
- 7 VOL (Volume) buttons: Press VOL ▲ to increase volume or VOL ▼ to decrease volume.
- 8 Number pad (0~9, -): Use the number keys to directly change channel.
- 9 HDMI button: Press to directly set HDMI as the input source signal.
- 10 VIDEO button: Press to directly set Composite VIDEO as the input source signal.
- 11 COMP button: Press to directly set Component as the input source signal.
- 12 Remote Control LED: Lights red when a button is pressed.
- 13 POWER button: Turn the TV on or off.
- 14 MEDIA button: Enter USB media mode.
- 15 MENU button: Display the MENU screen.
- 16 INFO button: Display program information (if available).
- 17 Direction buttons ▲ / ▼ / ◀ / ▶ : Navigate the menu, select options, or adjust settings value.
- 18 OK button: Enter a menu or confirm an option.
- 19 RETURN button: Return to a previous menu or screen.
- 20 AUDIO button: Enter Audio Only mode and turn the screen off. See page 24.
- 21 CH (Channel) buttons: Use CH ▲ to increase the channel number or CH ▼ to decrease the channel number.
- 22 ENT (Enter) button: Access the entered channel number or display the Channel list screen.
- 23 TV button: Directly set TV as the input source signal.
- 24 PC button: Directly set PC as the input source signal.
- 25 MUSIC button: Directly set Music as the input source signal.



Notes:

To obtain best results, use the remote control with a proper distance from the TV and ensure that there are no obstacles between them.

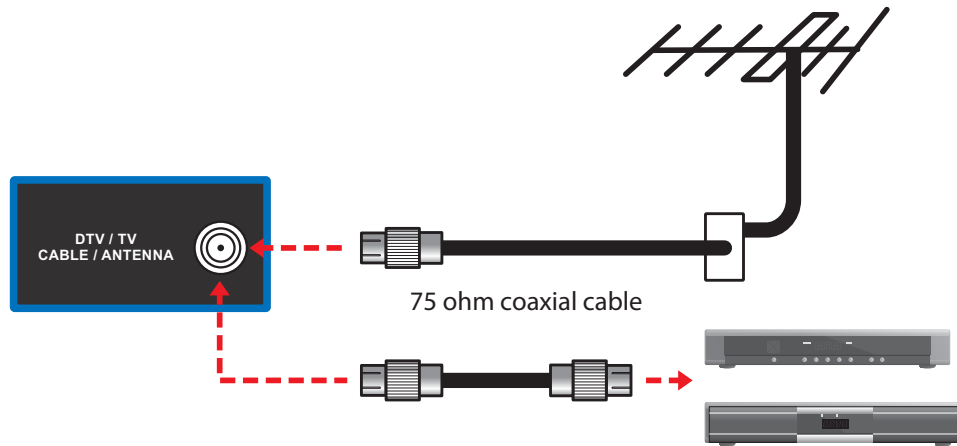
Aim the remote control transmitter to the remote control sensor on the TV.

Do not expose the remote control to direct sunlight. This may affect the performance of the remote control.

Making Connections

Connecting Antenna / Cable

Connect the 75 ohm coaxial cable directly to the DTV/TV Cable/Antenna jack of the TV.

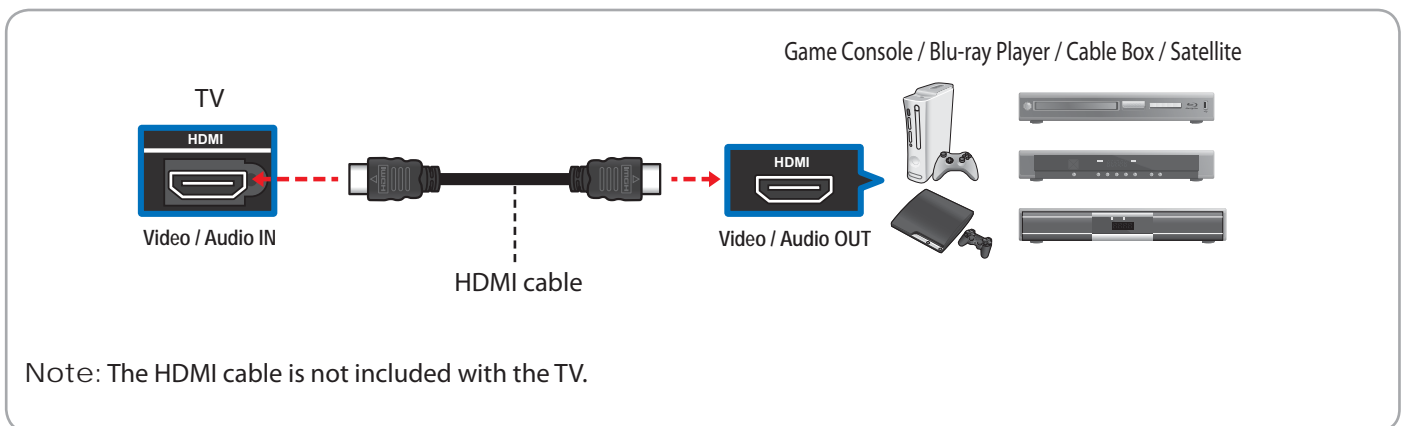


Connecting HD Devices

You can connect different devices to the TV using HDMI, DVI, Composite, or Component connections. Check the type of connection available on your device.

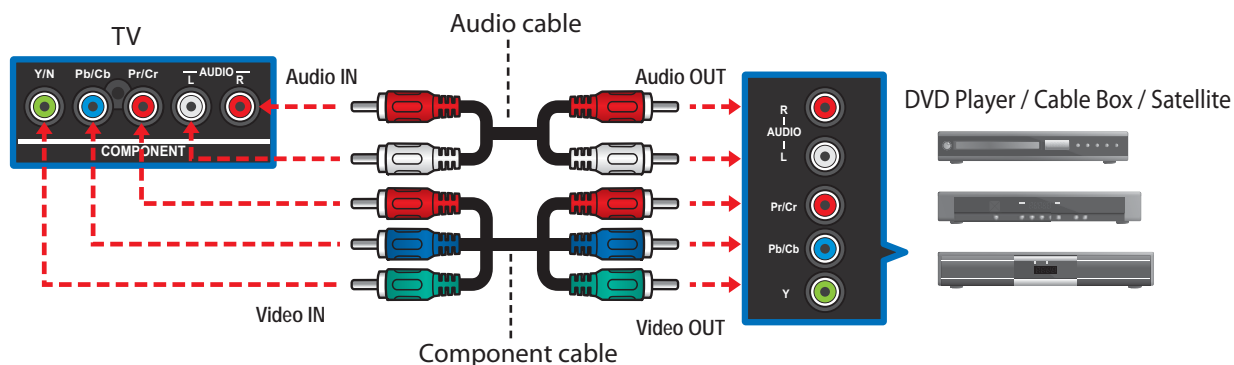
HDMI

HDMI connection transmits both digital video and audio signals from an HDMI device to the TV.



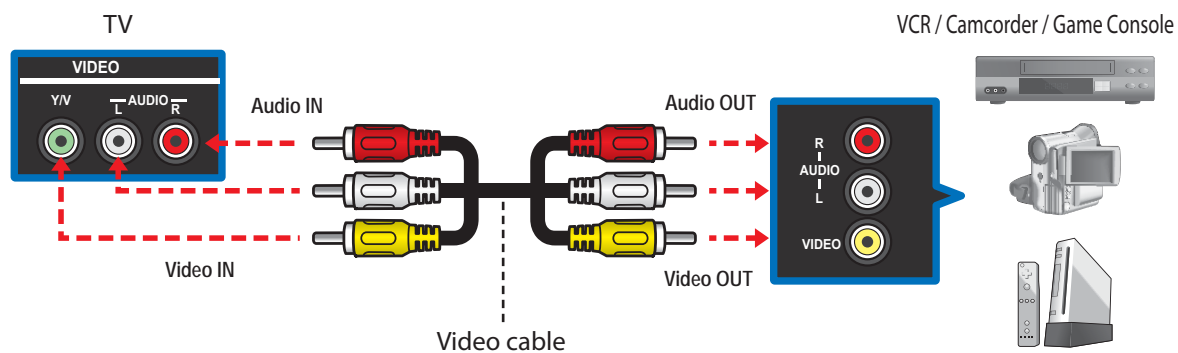
Making Connections

Component



Note: The component and audio cable are not included with the TV.

Composite



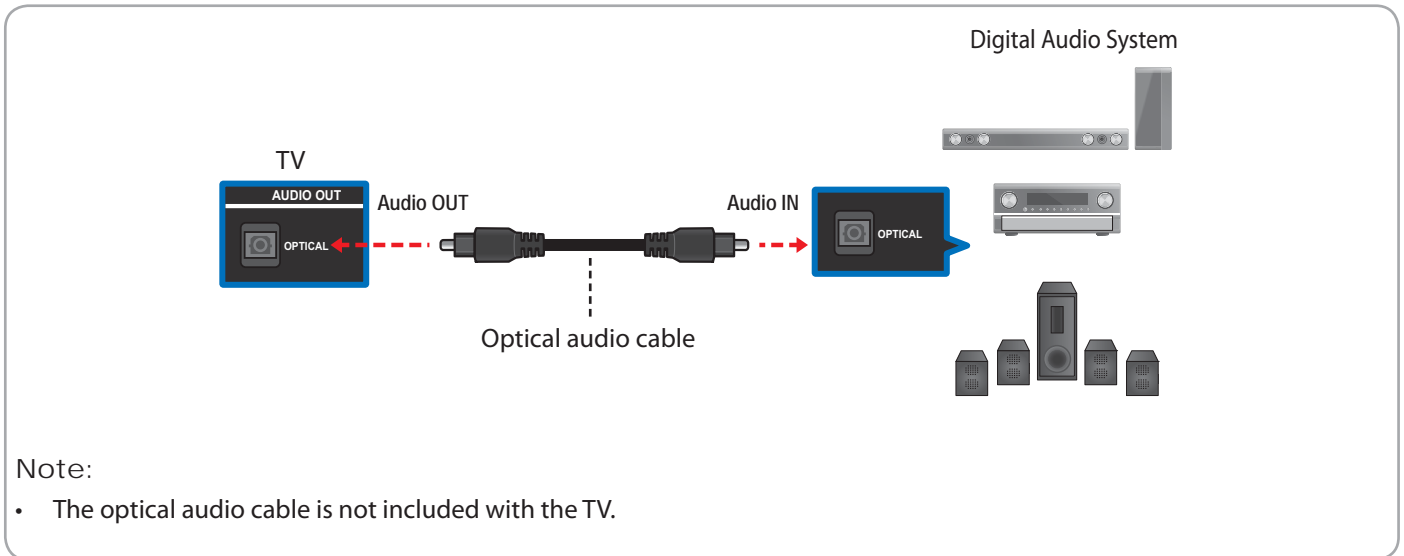
Note:

- The video and audio cable are not included with the TV.
- When connecting to devices, the Video IN color may not match with the video cable.

Connecting External Speakers / Soundbar / AV Receivers

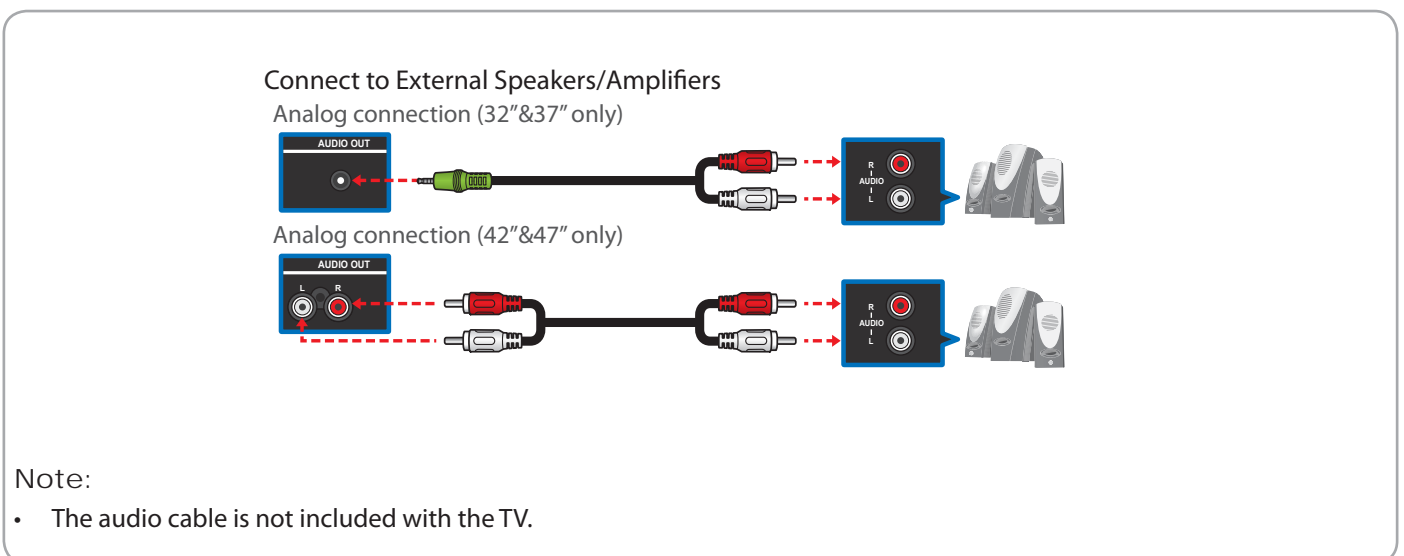
Digital Connection

Connect the SPDIF/Optical audio cable to the Audio OUT optical port of the TV and the optical port of the soundbar, AV receiver, or audio system.



Analog Connection

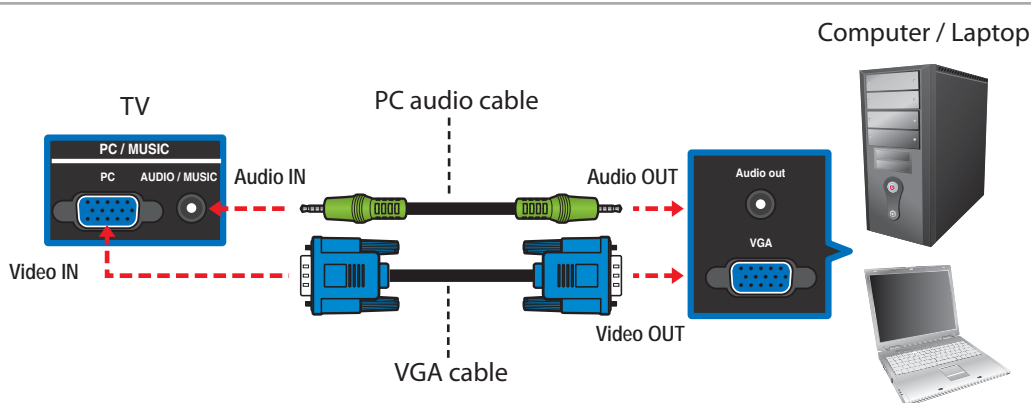
Connect the audio cable to the Audio OUT L/R port of the TV and the port of the soundbar, AV receiver, or audio system.



Making Connections

Connecting Computers and Laptops

- 1 Connect one end of a VGA cable to the PC port of the TV.
- 2 Connect the other end of the VGA cable to the RGB port of the computer or laptop.
- 3 For audio, connect a 3.5mm audio cable to the PC audio port of the TV and audio out port of the computer or laptop.



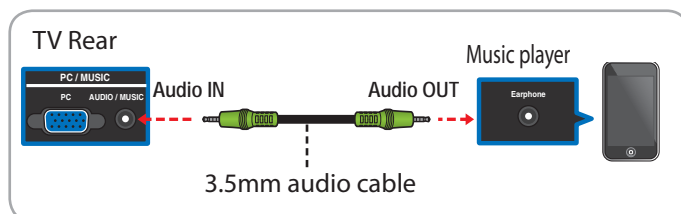
Note:

- The VGA and audio cable are not included with the TV.
- The TV will automatically go into power saving mode and turn off when no signal is detected for a period of time.
- The TV is best viewed at native resolution (1920 x 1080 @ 60Hz).
- If the screen is abnormal, press the MENU button to enter the TV's menu screen and go to Picture->Size & Position->Auto Adjust to adjust the picture automatically.

Connecting Music Port

The TV supports music playback from portable music players, such as an MP3 player or iPod™.

- 1 Connect one end of an audio cable to the Music/PC Audio IN port of the TV, then connect the other end to the Audio OUT port of the music player.



- 2 Press MUSIC on the remote control to change to the music port. The Music screen is displayed. Music playback from the music player is heard through the TV speakers.

Basic Operations

Setup Wizard

The Setup Wizard will assist you with setting up your TV for the first time. Please follow the instruction carefully.

Note: If you would like to setup over-the-air or cable programming, make sure the antenna or cable TV system is connected. See page 15 for setup.

- 1 When you turn on the TV for the first time, the Setup Wizard screen will appear.
- 2 Press **<or>** to select the menu language, then press OK.



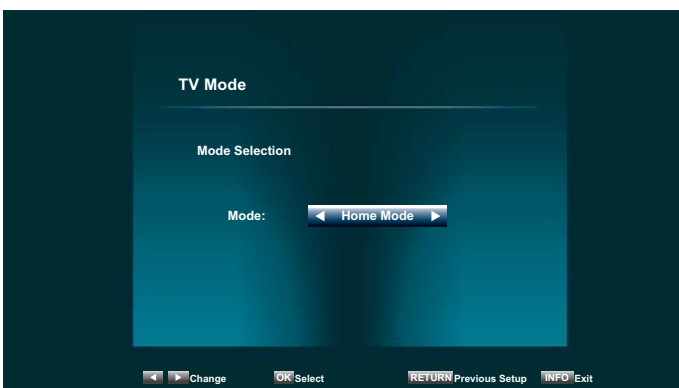
- 3 Press **<or>** to select the TV Mode, then press OK.

TV Mode options :

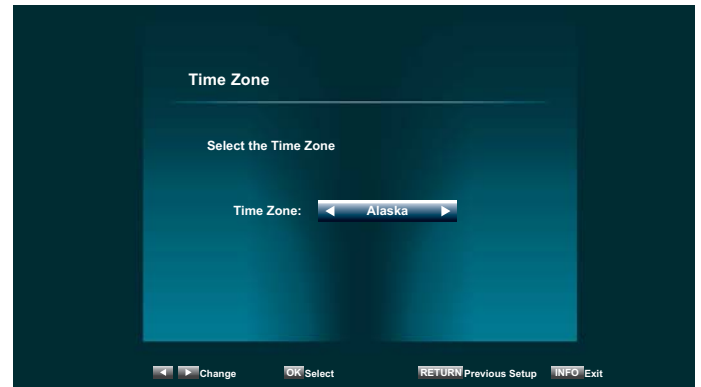
- Home Mode: Select this mode for in home use.
- Retail Mode: Select this mode for in store demo.

Note:

- Retail mode is for retailers only.
- To exit Retail mode, see page 20.



- 4 Press **<or>** to select the Time Zone, then press OK.



- 5 Press **<or>** to set Daylight Saving Time "ON" or "OFF", then press OK.

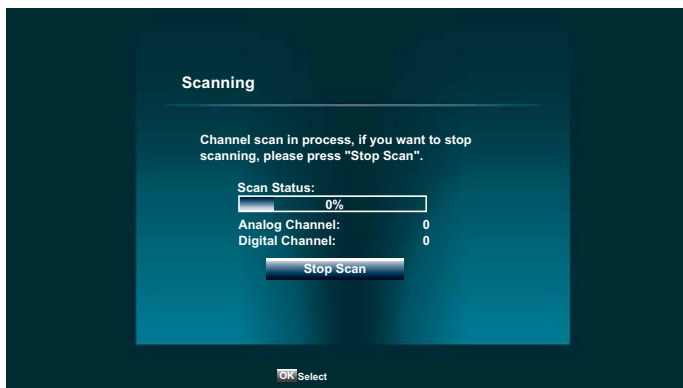


- 6 Press **<or>** to select the TV service, then press OK.



Basic Operations

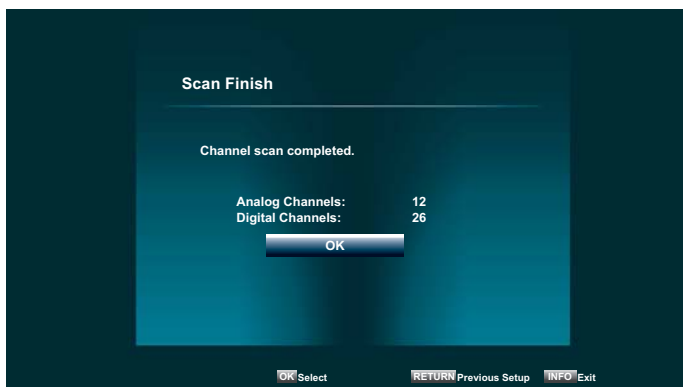
7 Press OK to start channel scan.



Note:

- Scanning may take some time to complete.
- Select Stop Scan to cancel the auto scan at anytime.

8 When auto scan is complete, press OK to continue.

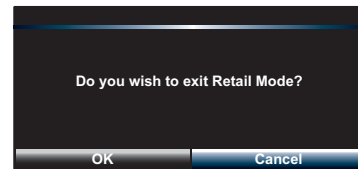


9 Press OK to complete setup.



Exit Retail Mode

- 1** Press RETURN.
- 2** Press < or > to select "OK", then press OK to confirm.



Basic TV Operation

Changing Channel

Press the number buttons to directly select channels.

Note: After pressing the number buttons, there will be a few seconds delay before the TV changes channel. To change to the channel right away, press ENT after pressing the number buttons.

To Browse Channel

Press the Channel up/down buttons on the remote control or CH ▲, CH ▼ on the TV to increase or decrease the channel.



To Select Analog Channels

- 1~9** Press 1~9 as needed. Example, to select channel 2, press 2, then press ENT.
- 10~99** Press the 2 digits in order. Example, to select channel 15, press 1, 5, then ENT.
- 100~135:** Press the 3 digits in order, Example, to select channel 130, press 1, 3, 0, then press ENT.

To Select Digital Channels

Press the first 3 digits, then press **⊖**, followed by the remaining number. Example, to select channel 15-1, press 1, 5, **⊖**, 1, then press ENT.

To Select by Channel List

All channels found from channel scan are listed on the Channel List screen. You can select channels from this screen.

- 1** Press ENT to display the Channel List screen.
- 2** Press **▼** or **▲** to select a channel number, then press ENT.
- 3** Press RETURN to close the Channel List screen.

Mute Volume

Press MUTE to turn the sound off. To turn the sound back on, press MUTE again or any of the VOL buttons.

Set Sleep Timer

Sleep timer sets the TV to automatically turn off after a preset amount of time. After setting a preset amount of time, the TV will automatically turn off after the timer has expired.

- 1** Press SLEEP to display the Sleep screen.
- 2** Press SLEEP repeatedly or press **▼** or **▲** to scroll through the options, then press OK.

To cancel sleep, set the timer to Off.

Display Info

Press INFO to display the channel or input information on the screen.

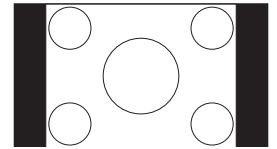
Press INFO again to hide the Info screen.

Set Aspect Ratio

- 1** Press WIDE to display the Wide menu.
- 2** Press WIDE repeatedly or press **▼** or **▲** to scroll through the options, then press OK.

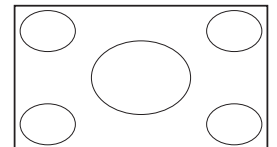
Normal

When watching a 4:3 content, the TV displays a standard picture with black side bars. When viewing a 16:9 content, it displays a full picture.



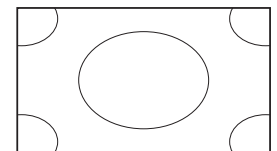
Wide

When displaying a 4:3 content, the picture is stretched horizontally to fill the width of the screen. When watching a 16:9 content, the image is slightly overscan.



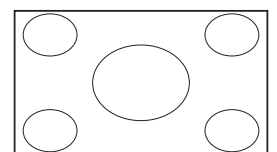
Zoom

The entire picture is uniformly enlarged to retain its original proportion. However, some parts of the picture may be hidden.



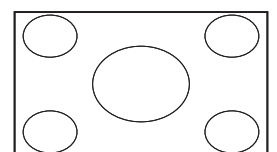
Panoramic

The picture is stretched horizontally on the left and right sides to fill the width of the screen. The center of the picture is not stretched.



Stretch

The picture is stretched horizontally on the left and right sides.



Note:

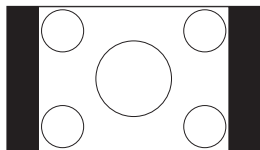
- Panoramic mode is only available on 4:3 contents.
- Stretch is only available on 16:9 contents.

Basic Operations

Aspect Ratio options in PC mode.

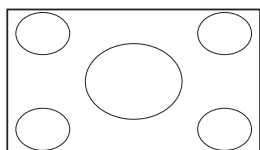
Normal

When watching a 4:3 content, the TV displays a standard picture with black side bars. When viewing a 16:9 content, it displays the full picture, pixel to pixel.



Stretch

When watching a 4:3 content, the picture is stretched horizontally to fill the width of the screen. When watching a 16:9 content, the picture is stretched horizontally on the left and right sides.



Selecting Input Source

The TV provides various ways to select the input source:

On the TV Panel

- Press **INPUT** repeatedly to scroll through the input source options. The highlighted input source is selected after a few seconds.

On the Remote Control

- Press **INPUT** repeatedly to scroll through the input source options, then press **OK** to select the input.
- To directly select an input source, press the direct input button located at the bottom of the remote control.



Multimedia Mode

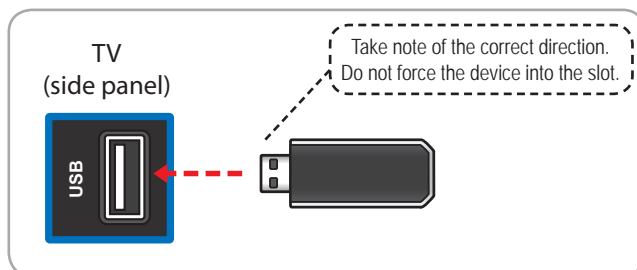
Depending on your TV model, the TV allows you to play slide shows, videos, and music from a USB memory stick.

Note:

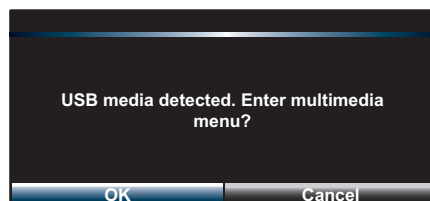
- Only supported multimedia files can be played back.
- Music and video playback are not supported in JLE32BC3001(32") and JLE37BC3001(37"). Both models play slide show of image files only.

Playing Multimedia Files

- 1 Insert the USB memory stick into the USB slot of the TV.



- 2 A message box will appear on the screen. Press **<** or **>** to select **OK**.



- 3 Press **OK** to select your option.
- 4 Press **▼** or **▲** to select the USB source, then press **OK**.
- 5 If prompted, press **▼** or **▲** to select Audio, Video, or Photo player, then press **OK**.

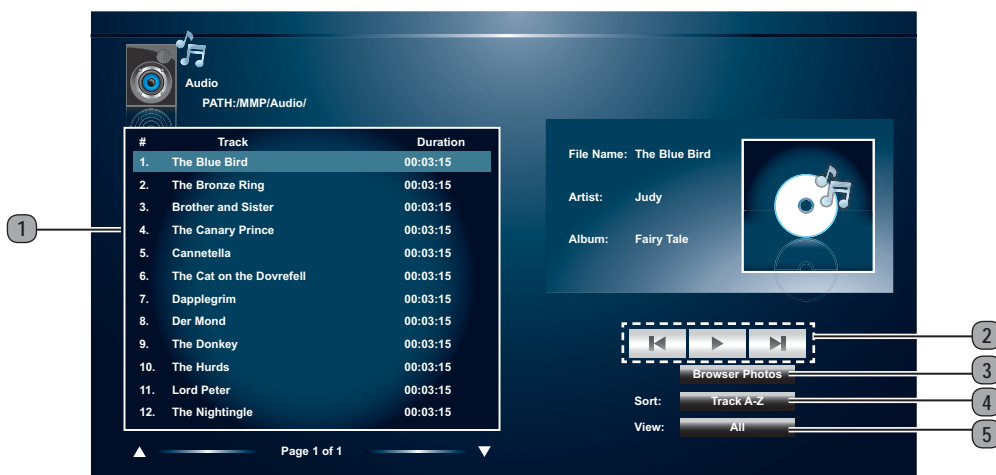
- 6 The displayed screen varies depending on the media type you selected.
Press \blacktriangledown , \blacktriangle , \blacktriangleleft or \blacktriangleright to select a file or function, then press OK.

Multimedia: Photo



- 1 Start Slideshow button: Play slide show.
- 2 Sort button: Change sorting order. The label on this button varies depending on the current sorting order. (Name A-Z, Name Z-A, Newest First, Oldest First)
- 3 View button: Change view mode. The button label varies depending on the current view. (Folders, Thumbnails)
- 4 Setting button: Change slide show settings.
- 5 Browse Music: Switch to Multimedia: Music.

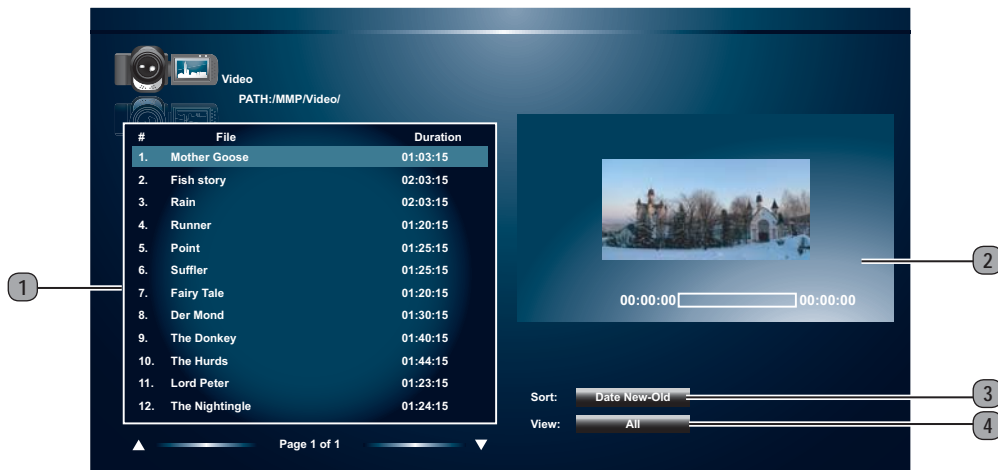
Multimedia: Music



- 1 File directory: Displays the music files.
- 2 Playback controls: Use to go to the previous track, play/pause, or go to next track.
- 3 Browser Photos button: Switch to Multimedia: Photo.
- 4 Sort button: Change sorting order. The label on this button varies depending on the current sorting order. (Track A-Z, Track Z-A, Newest First, Oldest First)
- 5 View button: Change view mode. The button label varies depending on the current view.

Basic Operations

Multimedia: Video



- 1 File Directory: Displays the video files.
- 2 Preview screen: Displays video information such as video length.
- 3 Sort button: Change sorting order. The label on this button varies depending on the current sorting order.
- 4 View button: Change view mode. The button label varies depending on the current view.

- 7** During media playback, press the playback controls on the remote control to perform its function.



- 8** To exit USB mode, press MEDIA. Or, to go back to a previous screen, press RETURN.

Note: To playback files in Multimedia mode at a later time, press MEDIA.

Audio Only Mode

While watching TV or playing music, you can set the TV to Audio Only mode to turn off the TV display and save power.

- 1** Press AUDIO to activate Audio Only mode. A message appears on the screen, then after a few seconds, the TV display turns off.
- 2** Press any button to turn on the display again and exit Audio Only mode.

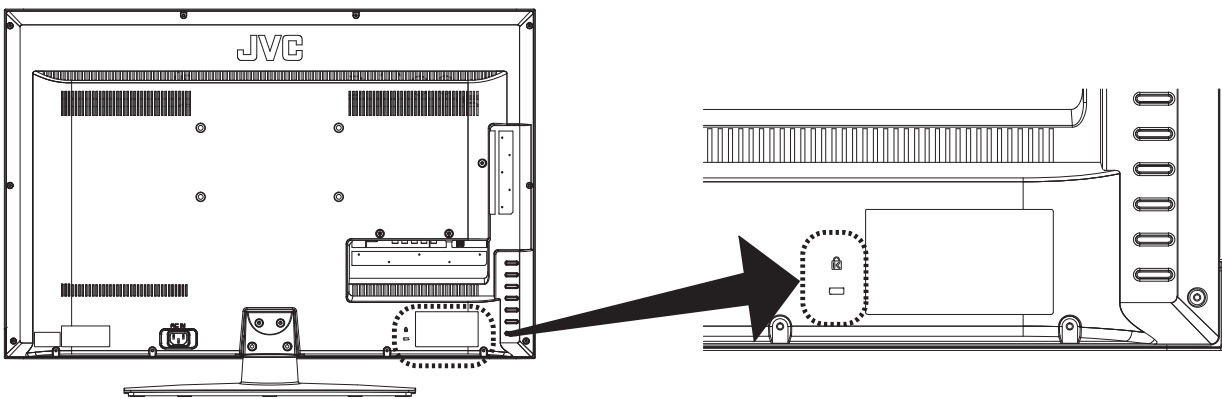
Kensington Lock

Security Deterrent Kensington Lock

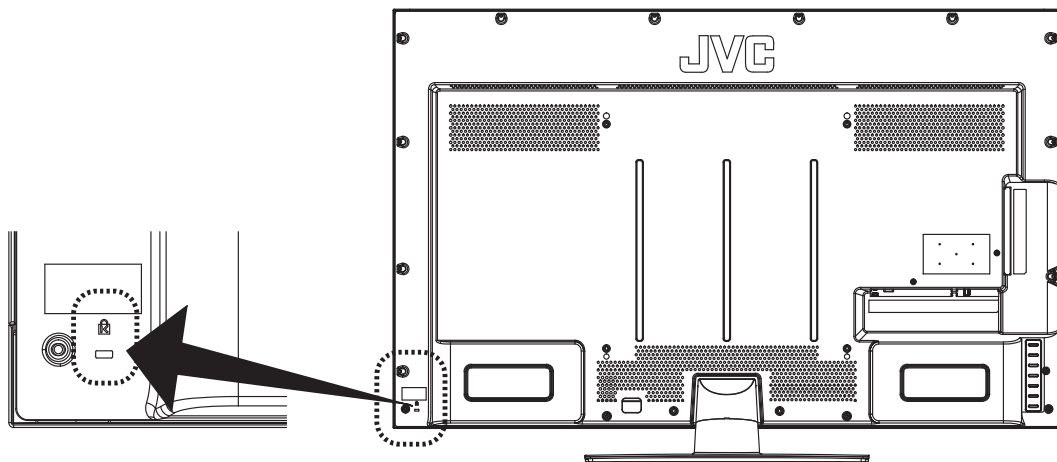
The JVC 3001 Series provides you with security deterrent slot hole that are compatible to Kensington Locks. This helps securely affix the TV physically to other objects. The appearance and locking method differs depending on the manufacturer. Refer to the manual provided with the Kensington Lock for information on installation.

The location of the security deterrent slot differs depending on the TV model. Please refer to your TV model and security deterrent slot location below:

JLE32BC3001(32") & JLE37BC3001(37")



JLE42BC3001(42") & JLE47BC3001(47")



Note: The Kensington Lock is not included with the product.

Basic Operations

Wall Mount

Installing Wall Mount

The wall mount kit allows you to mount the TV on the wall. For detailed information on installing the wall mount, see the instructions provided with the wall mount kit.

Note: The wall mount kit is not included with the product.



For product protection and safety reasons, JVC strongly recommends contacting a technician or professional for assistance installing the wall mount and setting up the TV. If you decide to install the wall mount and TV without the assistance of a technician or professional, JVC will not be responsible for any damage to the product or injury to yourself or others.



Do not install your wall mount while your TV is turned on. It can result in personal injury due to electric shock

- 1 Disconnect all cables connected to your TV.
- 2 Carefully place the TV face down on a flat and clean surface. It is recommended to place the TV cover or protection sheet between the TV and flat surface.
- 3 Using a philips-head screwdriver, remove the screws on the neck of the TV.



- 4 Remove the neck and stand from the TV.



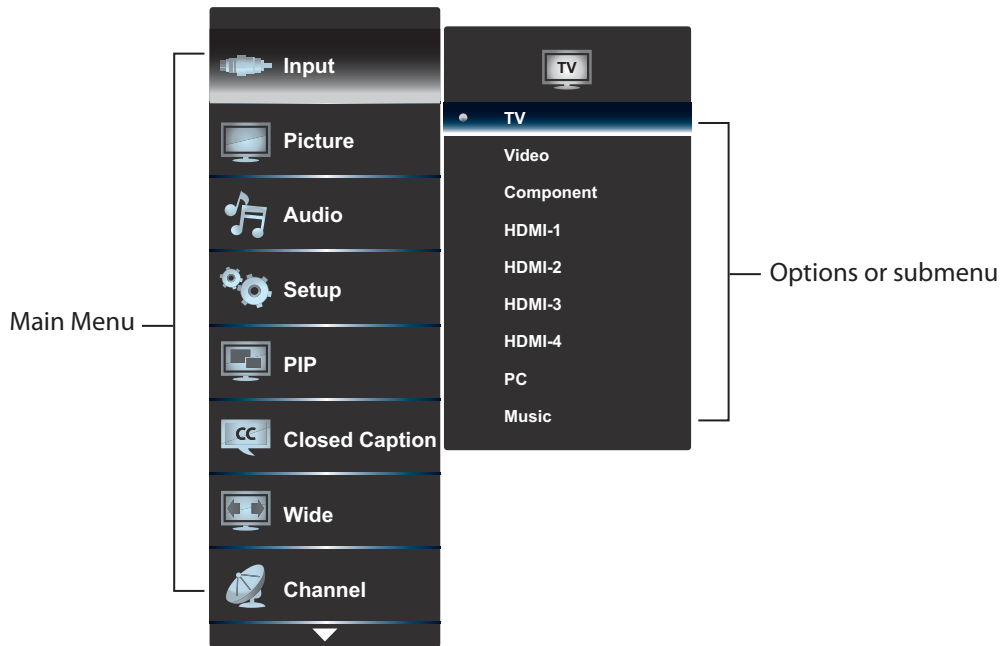
- 5 Attach your wall mount and TV to the wall, carefully following the instructions provided with the wall mount.

Wall Mount Specifications (VESA)

Product Model #	VESA hole pattern (mm)	Standard Screw	Screw Length (mm)
JLE32BC3001 (32")	200 x 100	M4	10mm
JLE37BC3001 (37")	200 x 200	M4	10mm
JLE42BC3001 (42")	400 x 200	M6	16mm
JLE47BC3001 (47")	400 x 400	M6	16mm

Adjusting the Menu Settings

Quick Menu Operation

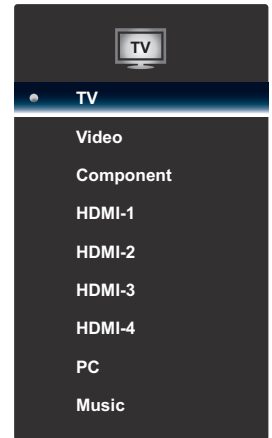


	Remote Control	TV Panel
1 Display the menu.	Press MENU.	Press MENU.
2 Select a menu option.	<ol style="list-style-type: none"> 1. Press ▼ or ▲ to select a menu or option. 2. Press OK or ▶ to enter a menu or confirm an option. 	<ol style="list-style-type: none"> 1. Press CH ▼ or CH ▲ to select a menu or option. 2. Press INPUT to enter a menu or confirm an option.
3 Adjust or select the setting.	<ol style="list-style-type: none"> 1. Press ▼ or ▲ to select an option. Or, press ◀ or ▶ to adjust a setting, such as Brightness. 2. Press OK to apply the settings. 	<ol style="list-style-type: none"> 1. Press CH ▼ or CH ▲ to select an option. Or, press VOL - or VOL + to adjust a setting, such as Brightness. 2. Press INPUT to apply the settings.
4 Exit the menu.	To exit the menu, press RETURN . Or, to return to a previous screen one at a time, press MENU or ◀ .	Press MENU .

Input Menu

Select the input source signal.

- **TV:** To watch analog or digital TV channels.
- **Video:** To use VCRs, camcorders, or game consoles connected via composite connection.
- **Component:** To use VCRs, camcorders, or game consoles connected via component connection.
- **HDMI 1 (ARC) / 2 / 3:** To use devices connected via HDMI connection.
- **HDMI 4 (For JLE4BC3001(42") & JLE47BC3001(47") only):** To use devices connected via HDMI connection.
- **PC:** To use the TV as a monitor when a computer or laptop is connected via the PC IN jack. See page 36 for supported resolution & timing.
- **Music:** To play music from a music player connected via music port.



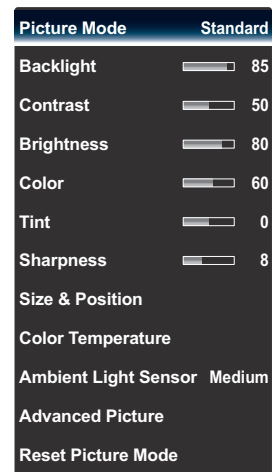
Picture Menu

Adjust picture options such as brightness, contrast, and advanced picture settings.

Picture Mode

Select the picture mode.

Custom	For custom picture settings.
Standard	For standard picture settings.
Movie	For moving pictures such as movies.
Game	For fast and dynamic pictures suitable with playing games.
Vivid	For bright and vivid picture settings.
Sport	Suggested settings for sporting events.



Backlight

Adjust the backlight that affects the overall brilliance of the picture. (0 ~100)

Contrast

Adjust the white level in the picture. Low contrast makes pictures look dark, high contrast makes pictures washed out. (0 ~100)

Brightness

Adjust the brightness setting. (0 ~100)

Color

Adjust the amount of color level in the picture. (0 ~100)

Adjusting the Menu Settings

Tint

Adjust the picture hue. (-50 ~ 50)

Sharpness

Adjust the sharpness of the edges of elements in the picture.

Size & Position

Auto Adjust	Automatically adjust the picture size and position.
Horiz. Position / Vertical Positon	Adjust the horizontal / vertical position of the picture.
Horizontal Size / Vertical Size	Adjust the horizontal / vertical size of the picture.

Color Temperature

Color Temperature	Apply a preset color temperature setting. (Custom / Cool / Natural / Warm)
Red / Green / Blue Gain	Adjust the red / green / blue gain settings according to your preference.
Red / Green / Blue Offset	Adjust the red / green / blue offset settings according to your preference.
Reset Color Temperature	Reset the color temperature to default settings.

Ambient Light Sensor

Select the sensitivity of the ambient light sensor to automatically adjust to light changes in the room. (Off / Low / Medium / High)

Advanced Picture

CrystalColor™	CrystalColor™ produces more vivid and crisp color pictures. (Off / Normal / Rich)
Dynamic Contrast	Dynamic contrast automatically enhances the image for greater picture details.
Adaptive Backlight	Enable or disable adaptive backlight. (Off / On)
Noise Reduction	Reduce the noise level. (Off / Low / Medium / High)
Digital NR	Reduce noise level of digital signals. (Off / Low / Medium / High)
CrystalMotion™ (Only JLE42BC3001/47BC3001)	CrystalMotion™ produces sharper motion pictures. (Off / Clear / Standard / Smooth)
CrystalMotion™ Demo(Only JLE42/47BC3001)	Show a demo of the CrystalMotion™ feature.
Film Mode	Produce smoother motion picture when viewing movies .

Crystal Color™	Off
Dynamic Contrast	Off
Adaptive Backlight	Off
Noise Reduction	Off
Digital NR	Off
Crystal Motion™	Off
Crystal Motion™ Demo	Off
Film Mode	Off

Reset Picture Mode

Reset the picture mode settings to default.

Audio Menu

SRS StudioSound

When SRS StudioSound is set to "On", the TV speakers produce impressive surround sound with rich bass, clear dialog, and high frequency detail.

Note: When SRS StudioSound is on, Equalizer Settings menu is not available.

SRS TruVolume

When SRS TruVolume is set to "On", volume level is controlled to produce a consistent level.

Bass

Adjust the bass level to your preference. (-12 ~ 12)

Treble

Adjust the treble level to your preference. (-12 ~ 12)

Balance

Adjust the audio level of the L/R channels of the speakers to your preference. (-10 ~ 10)

Lip Sync

Adjust to match the movements and the lips of the person talking on the screen. (0 ~ 5)

TV Speakers

Turn the internal speakers on or off.

Audio Only

Output audio from the TV speakers but turn off the TV display. See page 24.

Digital Audio Out

Select the type of digital audio output. (Off / Dolby Digital / PCM)

Analog Audio Out

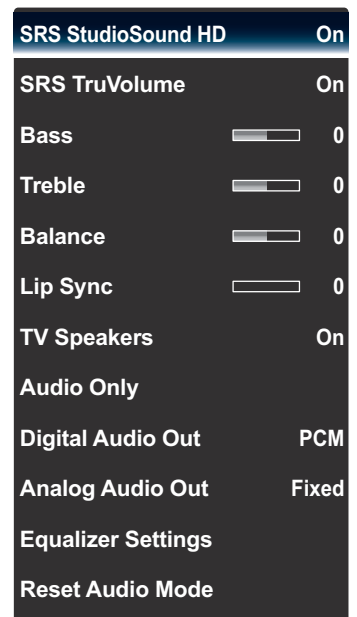
Select the type of analog audio output. (Fixed / Variable)

Equalizer Settings

Adjust the equalizer settings. (120Hz / 500Hz / 1.5KHz / 5KHz / 10KHz)

Reset Audio Mode

Reset the audio mode settings to default settings.



Adjusting the Menu Settings

Setup Menu

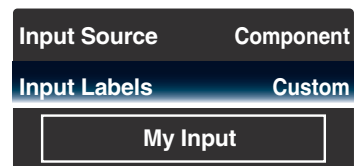
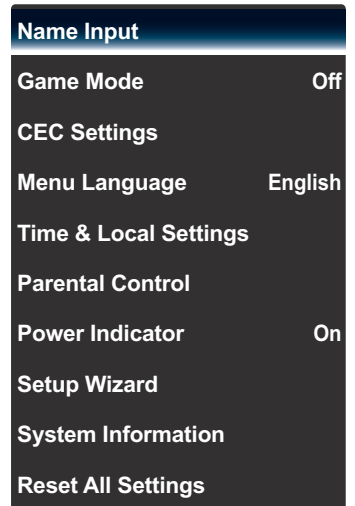
Name Input

The Name Input feature of the TV allows you to add a label name on an input source.

To label an input source , perform the following steps:

- 1 Press MENU.
- 2 Press **▼** or **▲** to select "Setup", then press **▶** or OK.
- 3 Press **▼** or **▲** to select "Name Input", then press **▶** or OK.
- 4 Press **▼** or **▲** to select "Input Source", then press **▶** or OK.
- 5 Press **▼** or **▲** to select the input source that you want to add a label name to, then press OK.
- 6 To select a custom label:
 1. Press **▼** or **▲** to select "Input Labels", then press **▶** or OK.
 2. Press **▼** or **▲** to select "Custom" and press OK.To enter desired label:
 1. Press **▼** or **▲** to select the text box, then press OK.
 2. Press **▼**, **▲**, **◀** or **▶** to select a character, then press OK.
 3. Press **▼**, **▲**, **◀** or **▶** to select "OK", then press OK.

Press RETURN to close the menu screen.



Game Mode

(For JLE42BC3001(42") and JLE47BC3001(47") only)

Turn Game Mode to "On" for fast interactive experience when playing video games on game consoles.

CEC Settings

CEC allows you to control devices using your TV remote control when the CEC devices are connected via HDMI.

CEC Function	Enable or disable CEC function.
Device Search	If CEC Function is enabled, select to search for CEC devices.
System Audio Control	Connect to your device though Audio Return Channel-enabled HDMI Port (HDMI 1)

Menu Language

Select the on-screen menu language.

Time & Local Settings

Time Zone	Select a location to apply the time zone.
Daylight Saving	Enable or disable daylight saving time.

Parental Control

The Parental Control feature allows you to control and restrict TV programs by Channel Lock , TV Rating, or Movie Rating.

Access Parental Control Menu

The Parental Control menu requires you to enter the password to access its submenu.

- 1** Press MENU.
- 2** Press **▼** or **▲** to select "Setup", then press **▶** or OK.
- 3** Press **▼** or **▲** to select "Parental Control", then press **▶** or OK.
- 4** Enter the 4-digit password. Press **▼**, **◀** or **▶** to select "OK", then press OK to access the submenu options.



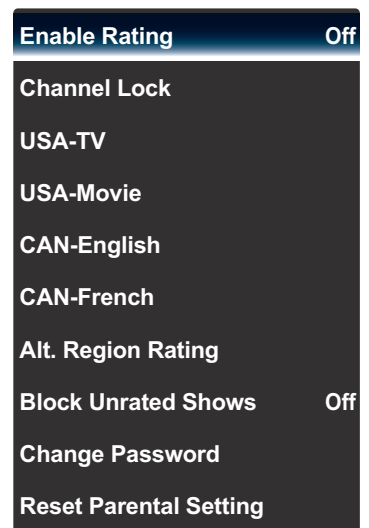
Note: The default password is "0000".

- 5** Press **▼** or **▲** to select the submenu options, then press **▶** or OK to enter the submenu.

Restrict By Channel

Use the Channel Lock feature to restrict viewing a specified channel. Once locked channel is selected, the TV displays a blank screen.

- 1** In the "Parental Control" menu, press **▼** or **▲** to select "Channel Lock", then press **▶** or OK.
- 2** Press **▼** or **▲** to highlight a channel that you want to lock.
- 3** Press OK to mark and lock the channel.
- 4** Press **◀** to return to the previous screen or press RETURN to close the menu screen.



Restrict By TV/Movie Rating

You can select which TV/Movie rating to lock for viewing.

- 1** In the "Parental Control" menu, press **▼** or **▲** to select a rating submenu, then press **▶** or OK.
 - "Enable Rating": Select "On" to enable rating.
 - "USA-TV": Set the rating by age level and genre.

Adjusting the Menu Settings

- “USA-Movie”: Set by USA movie rating standards.
- “CAN-English”: Set by Canadian English movie rating standards.
- “CAN-French”: Set by Canadian French movie rating standards.
- “Block Unrated Shows”: Select “On” to block unrated shows.

2 Press ▼ or ▲, then press OK to select the rating.

3 Press ◀ to return to the previous screen or press RETURN to close the menu screen.

Change Password

1 In the “Parental Control” menu, press ▼ or ▲ to select “Change Password”, then press ▶ or OK.

2 Enter a new password, then press OK.

3 Re-enter the new password, then press OK to complete.

Setup Wizard

Run the guided setup.

System Information

Display the system information of the TV.

Reset All Settings

Reset all TV settings to default settings.

Picture-in-Picture (PIP)

(For JLE42BC3001(42”) and JLE47BC3001(47”) only)

The PIP feature allows you to view 2 input sources simultaneously. This feature is available only when the selected input source is HDMI.

PIP (Picture-In-Picture)

With PIP, a smaller screen displays the picture from a second input source within the main input source picture.

1 Press MENU.

2 Press ▼ or ▲ to select “PIP”, then press ▶ or OK.

3 Press ▼ or ▲ to select “PIP Mode”, then press ▶ or OK.

4 Press ▼ or ▲ to select “PIP”, then press ▶ or OK.

5 Press ▼ or ▲ to select “Source”, then press ▶ or OK to enter the submenu.

6 Press ▼ or ▲ to select the second input source, then press ▶ or OK.

PIP Mode	PIP
Source	HDMI-1
Position	Top Right
Size	Small
Audio	Main

Note: Some input sources do not support this feature. See the PIP/POP Table on page 37.

- 7 Press **▼** or **▲** to select "Position", then press **▶** or OK.
- 8 Press **▼** or **▲** to select where you want to display the second screen, then press OK.
- 9 Press **▼** or **▲** to select "Size", then press **▶** or OK.
- 10 Press **▼** or **▲** to select the screen size, then press OK.
- 11 Press **▼** or **▲** to select "Audio", then press **▶** or OK.
- 12 Press **▼** or **▲** to select an option, then press OK. Options are:
 - "Main": The output audio is from the main input source.
 - "PIP/POP": The output audio is from the secondary input source.
- 13 Press OK.
- 14 Press **◀** to return to the previous screen or press RETURN to close the menu screen.

POP (Picture-Over-Picture)

With POP, you can select a second input source and display its output over the main input source picture. The picture size and position are the same with the main input source.

- 1 Press MENU.
- 2 Press **▼** or **▲** to select "PIP", then press **▶** or OK.
- 3 Press **▼** or **▲** to select "PIP Mode", then press **▶** or OK.
- 4 Press **▼** or **▲** to select "POP", then press **▶** or OK.
- 5 Press **▼** or **▲** to select "Source", then press **▶** or OK to enter the submenu.
- 6 Press **▼** or **▲** to select the second input source, then press **▶** or OK.

Note: Some input sources do not support this feature. See the PIP/POP Table on page 37.

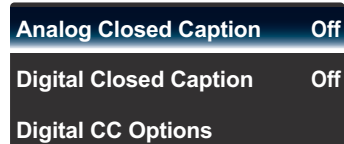
- 7 Press **▼** or **▲** to select "Audio", then press **▶** or OK.
- 8 Press **▼** or **▲** to select an option, then press OK. Options are:
 - "Main": The output audio is from the main input source.
 - "PIP/POP": The output audio is from the secondary input source.
- 9 Press OK.
- 10 Press **◀** to return to the previous screen or press RETURN to close the menu screen.

Adjusting the Menu Settings

Closed Caption

Closed Caption decodes and displays closed caption data of television programs as subtitle. This feature displays text on the screen or it translates and displays text in another language.

- 1 Press MENU.
- 2 Press ▼ or ▲ to select "Closed Caption", then press ▶ or OK.
- 3 Press ▼ or ▲ to select "Analog Closed Caption" or "Digital Closed Caption", then press ▶ or OK.



Note: Either "Analog Closed Caption" or "Digital Closed Caption" is available depending on your TV service.

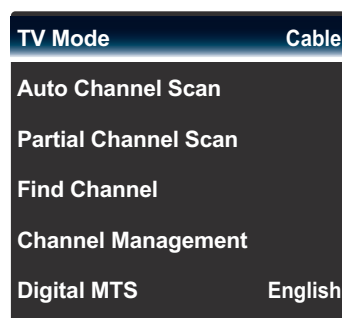
- 4 Press ▼ or ▲ to select a closed caption type or select "Off" to disable this feature, then press OK. For digital closed caption, you can select closed caption options, such as text size and text color. Press ▼ or ▲ to select "Digital CC Options", then press OK. Select desired options.
- 5 Press RETURN to close the menu screen.

Channel Menu

Select Antenna / Cable

Select Antenna or Cable for the service connected to your TV.

- 1 Press MENU.
- 2 Press ▼ or ▲ to select "Channel", then press ▶ or OK.
- 3 Press ▼ or ▲ to select "TV Mode", then press ▶ or OK.
- 4 Press ▼ or ▲ to select "Antenna" or "Cable", then press OK.



Scan Channels

Auto Scan Channels

When you run auto scan, the TV scans for all available channels. Make sure the antenna/cable is connected properly. See page 15.

Note: Auto scan may take 15 to 30 minutes to find available channels.

- 1 Press MENU.
- 2 Press ▼ or ▲ to select "Auto Channel Scan", then press ▶ or OK.
- 3 Press ▼ or ▲ to select "Start Scan", then press OK. Scanning progress is displayed on the menu screen. To stop scanning, select "Stop Scan" and press OK.

Partial Scan Channels

You can partially scan for network signal within a specified range of channels.

- 1 Press MENU.
- 2 Press ▼ or ▲ to select "Partial Channel Scan", then press ▶ or OK.
- 3 Press ▼ or ▲ to select "Scan Mode", then press ▶ or OK.
- 4 Press ▼ or ▲ to select an option, then press OK.
 - "Analog/Digital": scan for both analog and digital channels
 - "Analog": scan for analog channels
 - "Digital": scan for digital channels
- 5 Press ▼ or ▲ to select "From Channel", then enter a starting channel range.
- 6 Press ▼ or ▲ to select "To Channel", then enter an ending channel range.
- 7 Press ▼ or ▲ to select "Start Scan", then press OK.

Scanning progress is displayed on the menu screen. To stop scan, select "Stop Scan" and press OK.

Add Channel

New channels may be added to your area periodically. Use the Add Channel function to add new channels.

- 1 Press MENU.
- 2 Press ▼ or ▲ to select "Channel", then press ▶ or OK.
- 3 Press ▼ or ▲ to select "Find Channel", then press ▶ or OK.
- 4 Press ▼ or ▲ to select "Enter Channel", then enter a channel.
- 5 Press ▼ to select "Add Channel", then press OK.

Added channels are listed on the Channel List screen.

Delete Channel

To remove a channel from the Channel List screen.

- 1 Press MENU.
- 2 Press ▼ or ▲ to select "Channel", then press ▶ or OK.
- 3 Press ▼ or ▲ to select "Channel Management", then press ▶ or OK.
- 4 Press ▼ or ▲, then press OK to mark the channels that you want to remove from the Channel List.
- 5 Press RETURN to close the menu screen.

Sleep Timer

Sleep timer sets the TV to automatically turn off after a preset amount of time. See page 21.

Appendix

Supported Input Source for PIP/POP

(For JLE42BC3001(42") and JLE47BC3001(47") only)

Main\PIP	TV	Composite	Component	RGB	HDMI 1	HDMI 2	HDMI 3	HDMI 4	Music
TV	○	○	○	○	●	●	●	●	○
Composite	○	○	○	○	●	●	●	●	○
Component	○	○	○	○	●	●	●	●	○
RGB	○	○	○	○	●	●	●	●	○
HDMI 1	●	●	●	●	○	○	○	○	○
HDMI 2	●	●	●	●	○	○	○	○	○
HDMI 3	●	●	●	●	○	○	○	○	○
HDMI 4	●	●	●	●	○	○	○	○	○
Music	○	○	○	○	○	○	○	○	○

● - Supported

○ - Not supported

Supported Resolution

Model Name	JLE32BC3001	JLE37BC3001	JLE42BC3001	JLE47BC3001
Supported PC Timing (VGA & HDMI)	720 x 400 @ 70Hz	720 x 400 @ 70Hz	720 x 400 @ 70Hz	720 x 400 @ 70Hz
	640 x 480 @ 60, 75Hz	640 x 480 @ 60, 75Hz	640 x 480 @ 60, 75Hz	640 x 480 @ 60, 75Hz
	800 x 600 @ 60, 75Hz	800 x 600 @ 60, 75Hz	800 x 600 @ 60, 75Hz	800 x 600 @ 60, 75Hz
	1024 x 768 @ 60, 75Hz	1024 x 768 @ 60, 75Hz	1024 x 768 @ 60, 75Hz	1024 x 768 @ 60, 75Hz
	1280 x 1024 @ 75Hz	1280 x 1024 @ 75Hz	1280 x 1024 @ 75Hz	1280 x 1024 @ 75Hz
	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz
Supported Video Timing (NTSC, Composite)	480i	480i	480i	480i
Supported Video Timing (ATSC, Component, HDMI)	480i, 480p, 720p, 1080i, 1080 24p/60p	480i, 480p, 720p, 1080i, 1080 24p/60p	480i, 480p, 720p, 1080i, 1080 24p/60p	480i, 480p, 720p, 1080i, 1080 24p/60p

Troubleshooting

If your TV fails to work properly, check the following guidelines for possible causes and solutions. Consult your local dealer or service outlet if problems persist.

Problem	Solution
No power.	<ul style="list-style-type: none"> • Make sure the power cord is plugged in. • The power is off, press the Power button to turn on the TV. • Try another outlet. • Unplug the unit for an hour, then plug it back in.
Poor sound or no sound.	<ul style="list-style-type: none"> • Press the VOL ▲ button on the remote control or the VOL + button on the TV. • Press MUTE on the remote control to ensure that mute is not on. • The channel or cable TV is experiencing problems, tune to another channel. • Check the TV audio settings. • Check for possible sources of interference.
Poor picture or no picture.	<ul style="list-style-type: none"> • The channel or cable TV is experiencing problems, tune to another channel. • Make sure that channels are set into memory. • Check the antenna or cable TV connections. • Check for possible sources of interference.
Poor reception on some channels.	<ul style="list-style-type: none"> • The channel or cable TV is experiencing problems, tune to another channel. • Make sure that channels are set into memory. • The network signal is weak, adjust the antenna to receive better reception. • Check for possible sources of interference.
The remote control does not work.	<ul style="list-style-type: none"> • Batteries may be weak, dead, or inserted incorrectly. • Point the remote control directly at the remote sensor on the TV with an angle of 35°. • Remove any obstacles between the remote control and the TV. • Remote control is out of range, move closer to the TV.
TV shuts off.	<ul style="list-style-type: none"> • Sleep timer is set. • Power is interrupted.
No CATV reception.	<ul style="list-style-type: none"> • Check all cable TV connections. • Set the TV Mode in Channel menu.
Closed caption is not activated.	<ul style="list-style-type: none"> • The program tuned is not closed captioned. Try another channel. • Enable Closed Caption in the menu.

Specifications

Specifications are subject to change without prior notice.

Model No.	JLE32BC3001 32" Black Crystal 3000 Series LED TV	JLE37BC3001 37" Black Crystal 3000 Series LED TV
Panel Type	LED Panel	LED Panel
Size	32" Class 31.55" (measured diagonally)	37" Class 37.0" (measured diagonally)
Resolution / Aspect	FHD 1920 x 1080 / 16:9	FHD 1920 x 1080 / 16:9
Refresh Rate	60Hz	60Hz
Audio Output Power	20W (10W x 2)	20W (10W x 2)
Input	Antenna (NTSC/ATSC/ClearQAM) 3 x HDMI 1 x Component /Composite 1 x PC 1 x PC Audio / Music port 1 x USB (JPEG)	
Output	1 x Optical Digital Audio Out 1 x Stereo Audio Out	
Special Features	Multimedia: Picture Ambient Light Sensor Dynamic Contrast CrystalColor™ SRS StudioSound Power Saving Mode Audio Only Mode Input Naming Capability Parental Control Closed Caption	
Power		
Power Requirement	100 ~ 240 VAC @ 50/60Hz	
Power Consumption	≤ 51.3 W	≤ 65.2 W
Dimension & Weight		
Dimensions (W x H x D)		
With Stand	30.3" x 22.1" x 8.3"	35.1" x 24.8" x 8.3"
Without Stand	30.3" x 19.9" x 1.9"	35.1" x 22.6" x 1.9"
Wall-mount hole pattern (mm)	200 x 100, M4	200 x 200, M4
Net Weight		
With Stand	7.6 ± 1.0 kg	9.6 ± 1.0 kg
Without Stand	7.0 ± 1.0 kg	9.0 ± 1.0 kg
Compliance / Certifications	EnergyStar 5.3, CSA-US, FCC Class B, HDMI v1.3	

Model No.	JLE42BC3001 42" Black Crystal 3000 Series LED TV	JLE47BC3001 47" Black Crystal 3000 Series LED TV	
Panel Type	LED Panel	LED Panel	
Size	42" Class 42.02" (measured diagonally)	47" Class 46.96" (measured diagonally)	
Resolution / Aspect	FHD 1920 x 1080 / 16:9	FHD 1920 x 1080 / 16:9	
Refresh Rate	120Hz	120Hz	
Audio Output Power	20W (10W x 2)	20W (10W x 2)	
Input	Antenna (NTSC/ATSC/ClearQAM)		
	4 x HDMI		
	1 x Component / Composite		
	1 x PC		
	1 x PC Audio / Music port		
Output	2 x USB (JPEG/Music/Video)		
	1 x Optical Digital Audio Out		
	1 x Stereo Audio Out		
Special Features	Multimedia: Picture, Music, Video		
	Ambient Light Sensor		
	Dynamic Contrast		
	120Hz CrystalMotion™		
	SRS StudioSound		
	Power Saving Mode		
	Audio Only Mode		
	Input Naming Capability		
	Parental Control		
	Game Mode		
Picture-In-Picture (PIP) / Picture-Over-Picture (POP)			
Closed Caption			
Power			
Power Requirement	100 ~ 240 VAC @ 50/60Hz		
Power Consumption	≤ 81.4 W	≤ 97.1 W	
Dimension & Weight			
Dimensions (W x H x D)	With Stand	39.4" x 27.3" x 9.5"	43.7" x 29.8" x 9.7"
	Without Stand	39.4" x 25.0" x 2.2"	43.7" x 27.4" x 2"
Wall-mount hole pattern (mm)	400 x 200, M6	400 x 400, M6	
Net Weight	With Stand	14.5 ± 1.0 kg	21.3 ± 1.0 kg
	Without Stand	13.0 ± 1.0 kg	19.6 ± 1.0 kg
Compliance / Certifications	EnergyStar 5.3, CSA-US, FCC Class B, HDMI v1.4		

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ON PARTS AND LABOR

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Visit the Web Site : go.jvc.com/HDTVSupport/
Or call our Customer Support and Service Center
1-855-868-1928

PRE-AUTHORIZATION MUST BE OBTAINED BEFORE SENDING ANY PRODUCT TO A DESIGNATED SERVICE CENTER.

Proof of purchase in the form of a purchase receipt or copy thereof is required to show that a Product is within the warranty period.

Parts and Labor

There will be no charge for parts or labor during the warranty period. Replacement parts and Products may be new or recertified at the Warrantor’s option and sole discretion. Replacement parts and Products are warranted for the remaining portion of the original warranty or for ninety (90) days from warranty service or replacement, whichever is longer.

Type of Service

Defective Products must be sent to the designated service center to obtain warranty service. The Warrantor is not responsible for the transportation costs to the service center, but will cover the costs for return shipping to the customer. PRE-AUTHORIZATION IS REQUIRED BEFORE SENDING ANY PRODUCT TO A DESIGNATED SERVICE CENTER FOR WARRANTY SERVICE.

Product returned to designated service centers must utilize either the original carton box and shipping material or packaging that affords an equal degree of protection. Technical Support will provide instructions for packing and shipping the covered Product to the designated service center.

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Comments:

Thank You for
completing this
questionnaire

Instruction: Fold at crease and tape open edge in the middle

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