



LED TV User's Guide

26LEDF3200B

32LEDF3200B






40LEDF3200B

46LEDF3200B

Need Assistance?


Please visit our website at www.NFM.com or call 1-888-731-6789.

Important Information

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.		 This symbol indicates that this product incorporates double insulation between hazardous main voltage and user accessible parts. When servicing, use only identical replacement parts.
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.			
	This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.		This symbol indicates important instructions accompanying the product.

WARNING To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. This product should not be exposed to dripping or splashing. No objects filled with liquids, such as vases, should be placed on the component.	WARNING The TV is unstable if it is not properly attached to the base or mounted to the wall. Please follow the base or wall mounting instructions provided in the User's Guide to ensure your safety.
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WARNING The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

 This symbol indicates that this product contains mercury. Special disposal of this product for environmental reasons may be required under the laws applicable to your jurisdiction. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage. FCC regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground should be connected to the grounding system of the building as close to the point of cable entry as practical.

Important: This television is a table model and is designed to sit on a firm, flat surface. Don't place the TV on soft carpeting or similar surface because the ventilation slots on the bottom of the unit will be blocked, resulting in reduced lifetime from overheating. To assure adequate ventilation for this product, maintain a spacing of 4 inches from the top and side of the TV receiver and 2 inches from the rear of the TV receiver and other surfaces.

Also, make sure the stand or base you use is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage to the TV. Refer to the Important Safety Instructions on the next page.

The Power button (followed by the power symbol) on this TV and your remote control puts the TV into a very low-power standby mode but will not completely turn the power off. In order to completely shut the power off, you will need to disconnect the power cord from the outlet. The mains plug/appliance coupler is used as disconnect device, the disconnect device shall remain readily operable. Therefore, you should ensure that the TV is installed in a manner that allows you to disconnect the power cord when desired.

Product Information

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

Model No. _____ **Serial No.** _____
Purchase Date _____ **Dealer/Address/Phone** _____

Important Safety Instructions

1. Read and follow all instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Do not negate the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.
7. Protect the power cord from being walked on or pinched particularly at plugs, receptacles, and the point where it exits from the component.
8. Do not use this component near water.
9. Only use the attachments/accessories specified by the manufacturer.
10. Clean only with dry cloth.
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the component. When the TV is placed on a cart, use caution when moving the cart to avoid injury from tip-over.
12. Unplug this component during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Service is required when the component is damaged in any way, such as power supply cord or plug damage, liquid spilled on or objects falling onto the component, rain or moisture exposure, abnormal operation, or if the component has been dropped.
14. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984 (Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See following example:

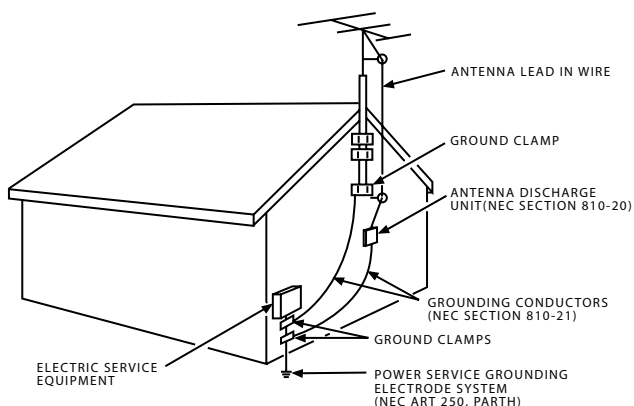


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Chapter 1 - Connections and Setup

Before Initial Setup

Protect Against Power Surges

- Connect all components before you plug any power cords into the wall outlet or power strip.
- NEVER plug your TV into an outlet that is controlled by a wall switch.
- Turn off the TV before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions.

Safety Information

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

Avoid Audio Interference

- Position cables properly; insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down one side of the back of the TV instead of straight down the middle.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables.
- Keep twin lead cables away from audio/video cables.

Avoid Direct Light

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

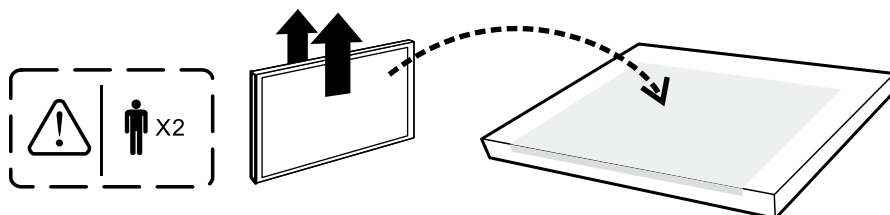
Check Supplied Parts

Check that the following parts were packed with your product.

- 1 Remote Control and 2 AAA Batteries;
- User's Guide;
- Quick Start Guide;
- Parts List for Table Stand (see page 6)

Attaching Your TV to the Table Stand

Your TV comes without the table stand attached so that you can choose to mount your TV either to its table stand or to a wall (wall mount sold separately). If you want to mount your TV to the wall, don't attach the table stand, remove the hinge cover and hinge. Follow the Mounting Your TV to the Wall instructions on page 7.



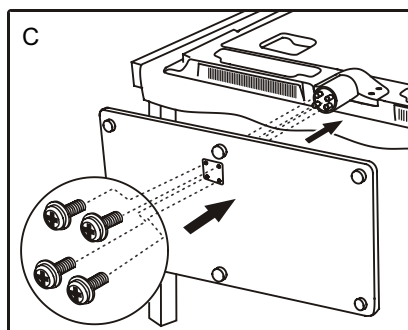
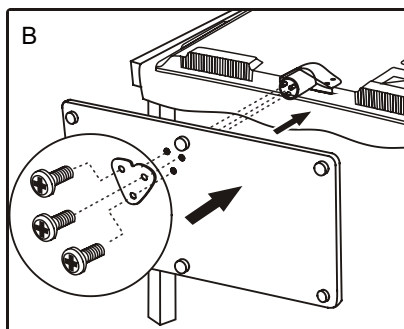
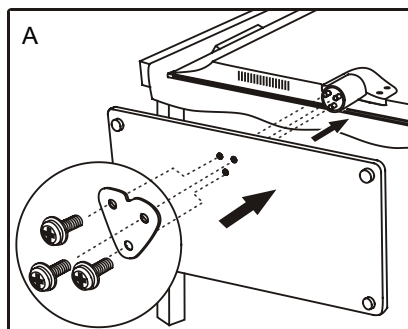
First, remove the TV bag and place it on a large, flat surface such as a table or countertop. Remove the TV from the carton and place it face down on the TV bag. Be sure that the TV is face down to avoid scratching the screen.

Then follow the steps below:

Note: A for model 26LEDF3200B.

B for model 32LEDF3200B.

C for models 40LEDF3200B / 46LEDF3200B.



Mounting Your TV to the Wall

If you are mounting your TV to the wall, don't attach the table stand, remove the hinge cover and hinge.

To mount your TV to the wall, purchase a VESA wall mount.

Model 26LEDF3200B	Purchase a VESA 100 x 100, M4 screw
Model 32LEDF3200B	Purchase a VESA 200 x 100, M4 screw
Model 40LEDF3200B	Purchase a VESA 200 x 200, M6 screw
Model 46LEDF3200B	Purchase a VESA 400 x 400, M6 screw

The VESA number is the horizontal and vertical measurement of the mounting holes. For example, 200x100 refers to the fact that the mounting measurements are 200mm horizontally and 100mm vertically.

Notes: Follow the directions included with the wall mount to mount the TV to the wall.

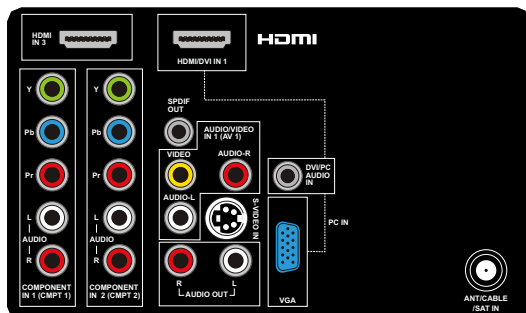
Caution: Your wall mount must be able to bear a minimum of five times the TV's net weight to avoid causing damage.

Explanation of Jacks and Buttons on TV

This section describes the jacks on the back panel of your TV. There are several ways to connect components.

For model 26LEDF3200B

Rear Panel



ANT/CABLE/SAT IN Lets you connect a coaxial cable to receive the signal from your antenna, cable, or cable box, or satellite receiver.

AUDIO (R/L) OUT Use an RCA audio cable to connect your TV to a compatible audio receiver. (not available in USB mode)

AUDIO/VIDEO IN 1 (AV 1) Lets you connect a component that has composite video jacks, such as a VCR or DVD player.

- **L AUDIO** Provides left audio connection when using the VIDEO IN jack. The left audio connectors are usually white. For mono audio sources, be sure to use the L AUDIO IN .
- **R AUDIO** Provides right audio connection when using the VIDEO IN jack. The right audio connector is usually red.

COMPONENT IN 1 and IN 2 Lets you connect a component that has component video jacks, such as a DVD player.

- **CMPT Y Pb Pr (Component Video)** Provides good picture quality because the video is separated into three signals. Use three video-grade or component video cables for the connection.
- **CMPT L AUDIO** Provides left audio connection when using the CMPT VIDEO inputs. The left audio connector is usually white. For mono audio sources, be sure to use the left AUDIO input.
- **CMPT R AUDIO** Provides right AUDIO connection when using the CMPT VIDEO inputs. The right audio connector is usually red.

SPDIF OUT - DIGITAL AUDIO OUT (coaxial) Use a digital coaxial cable to connect your TV to a compatible audio receiver.

HDMI IN 3 Lets you connect a component, such as a digital cable box, with an HDMI output for the best picture quality.

HDMI/DVI IN 1 (High-Definition Multimedia Interface/Digital Visual Interface) Provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your TV is also compatible with DVI components.

(PC IN) VGA Connect your computer or other component with a VGA output to this jack using a 15-pin, D-sub cable.

DVI/PC AUDIO IN (used for DVI/PC only) Provides audio connection when using HDMI/DVI INPUT 1 jack for DVI or when using PC IN.

Note: If using a DVI component, remember to connect the audio cable because the DVI cable carries only the picture signal, not the sound.

S-VIDEO IN Allows you to connect an S-VIDEO cable from another component. Make sure you also connect audio cables from the component to the TV (share the same AUDIO input jacks of AV 1). To access a component connected to the S-VIDEO jack, press the **INPUT** button on your remote until you select **S-VIDEO**.

Side AV

Side Input Jacks

(HEADPHONE) Allow you to connect headphones to listen to the sound coming from the TV.

USB Allows you to connect a compatible mass storage device using a USB jack.

HDMI IN 2 Lets you connect a component, such as a digital cable box, with an HDMI output for the best picture quality.

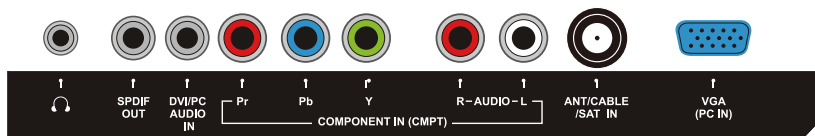
AUDIO/VIDEO IN 2 (AV 2) Lets you connect a component that has composite video jacks, such as a VCR or DVD player.

- **L AUDIO** Provides left audio connection when using the VIDEO IN jack. The left audio connectors are usually white. For mono audio sources, be sure to use the L AUDIO IN.
- **R AUDIO** Provides right audio connection when using the VIDEO IN jack. The right audio connector is usually red.



For models 32LEDF3200B / 40LEDF3200B / 46LEDF3200B

Rear Panel (bottom)



(HEADPHONE) Allow you to connect headphones to listen to the sound coming from the TV.

SPDIF OUT - DIGITAL AUDIO OUT (coaxial) Use a digital coaxial cable to connect your TV to a compatible audio receiver.

DVI/PC AUDIO IN (used for DVI/PC only) Provides audio connection when using HDMI/DVI INPUT 1 jack for DVI or when using PC IN.

Note: If using a DVI component, remember to connect the audio cable because the DVI cable carries only the picture signal, not the sound.

COMPONENT IN Lets you connect a component that has component video jacks, such as a DVD player.

- **CMPT Y Pb Pr (Component Video)** Provides good picture quality because the video is separated into three signals. Use three video-grade or component video cables for the connection.
- **CMPT L AUDIO** Provides left audio connection when using the CMPT VIDEO inputs. The left audio connector is usually white. For mono audio sources, be sure to use the left AUDIO input.
- **CMPT R AUDIO** Provides right AUDIO connection when using the CMPT VIDEO inputs. The right audio connector is usually red.

ANT/CABLE/SAT IN Lets you connect a coaxial cable to receive the signal from your antenna, cable, or cable box, or satellite receiver.

(PC IN) VGA Connect your computer or other component with a VGA output to this jack using a 15-pin,D-sub cable.

Rear Panel (right)

AUDIO (R/L) OUT Use an RCA audio cable to connect your TV to a compatible audio receiver. (not available in USB mode)

AUDIO/VIDEO IN 2 (AV 2) Lets you connect a component that has composite video jacks, such as a VCR or DVD player.

- **L AUDIO** Provides left audio connection when using the VIDEO IN jack. The left audio connectors are usually white. For mono audio sources, be sure to use the L AUDIO IN .
- **R AUDIO** Provides right audio connection when using the VIDEO IN jack. The right audio connector is usually red.

HDMI/DVI IN 1 (High-Definition Multimedia Interface/Digital Visual Interface) Provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your TV is also compatible with DVI components.

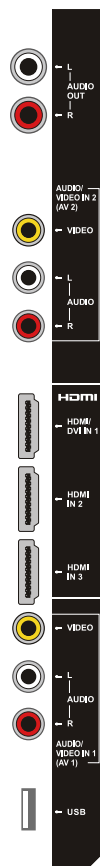
HDMI IN 2 and HDMI IN 3 Lets you connect a component, such as a digital cable box, with an HDMI output for the best picture quality.

AUDIO/VIDEO IN 1 (AV 1) Lets you connect a component that has composite video jacks, such as a VCR or DVD player.

- **L AUDIO** Provides left audio connection when using the VIDEO IN jack. The left audio connectors are usually white. For mono audio sources, be sure to use the L AUDIO IN .
- **R AUDIO** Provides right audio connection when using the VIDEO IN jack. The right audio connector is usually red.

USB Allows you to connect a compatible mass storage device using a USB jack.

Rear Panel (right)



TV Panel Buttons

If you cannot locate your remote, you can use the TV panel buttons on your TV to operate many TV features.

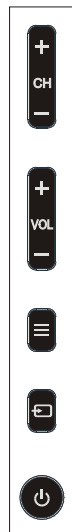
CH+/- Press **CH+/-** to select channels stored in the channel list or to act as up/down arrow (▲/▼) through the menu items.

VOL+/- Press **VOL +/-** to increase or decrease the volume or to act as the right/left arrow(▶/◀) through the menu items. **VOL+** also to act as **OK** button when in the menu system.

MENU (≡) Press the **MENU** button to bring up the TV's Main menu.

INPUT (⏮) Press the **INPUT** button to select the signal source.

POWER (⏻) Press the **POWER** button to turn the TV on and off.



Side Panel Button

Obtain the Signal

The first step in connecting your TV is obtaining the signal. The back panel of your TV allows you to receive analog and/or digital channels by using the ANTENNA/CABLE INPUT.

Before you connect your TV, you have to determine whether you will be using an antenna or a cable service to obtain the signal.

What You Need

Antenna (Rabbit Ears) Or Outdoor Antenna with Coaxial Cable

Plug the antenna or coaxial cable from the wall outlet into the **ANT/CABLE/SAT IN** on the back of the TV. You are ready to receive off-air local digital and analog channels.

Cable Service

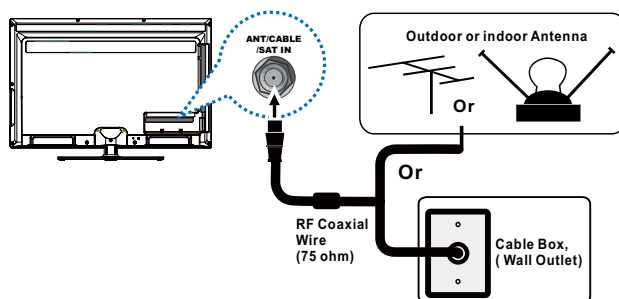
Plug the coaxial cable from the wall outlet into the ANT/CABLE/SAT IN on the back of the TV. You are ready to receive your cable channels.

Set-Top Box

If you have a set-top box, you may need to call your cable company or satellite service provider. They may recommend special cables to allow you to view digital channels.

What You Need to Know

- Visit www.antennaweb.org for help in deciding what type of antenna to use in order to receive the local digital channels available to you. Enter your location, and the program will list local analog and digital stations available using your antenna.
- When you watch TV, the **Channel Banner** displays the type of channel currently viewed.



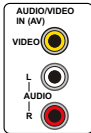

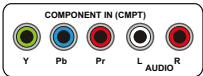







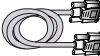
Connect the RF coaxial cable on your home outlet to the **ANT/CABLE/SAT IN** jack of this unit.

Once all connections are complete, turn on the unit and begin the initial setup process, scanning for channels in your area.

Choose Your Connections

There are several ways to connect components, such as DVD players and set-top boxes, to your TV. Please use the following chart to determine which connections are best for you. Proceed to the appropriate pages to connect your components.

Note: No cables are supplied with this unit. Please purchase the necessary cables. A high-speed HDMI cable is recommended for better compatibility.

Jacks Used	Cable Needed	Go to...
 <p>Video</p> <p>Audio L and R</p>	 <p>Audio/Video</p>	page 12
 <p>Y Pb Pr Audio L and R</p>	 <p>Component Video</p>  <p>Audio</p>	page 12
 <p>HDMI/DVI</p> <p>Audio</p>	 <p>HDMI™</p> <p>OR</p>  <p>HDMI™ + HDMI/DVI Adapter + Audio</p>	page 13
 <p>Audio</p> <p>VGA</p> <p>PC IN</p>	 <p>Audio</p>  <p>VGA</p>	page 14

HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Input	Signal Compatability
Antenna/Cable	480i, 480p, 720p, 1080i (NTSC, ATSC, and QAM formats)
Composite Video	480i
Component Video	480i, 480p, 720p/60Hz, 1080i/60Hz, 1080p/60Hz
HDMI	480i, 480p, 720p/60Hz, 1080i/60Hz, 1080p/60Hz
PC	VGA SVGA XGA

Composite Video Connection (Good)

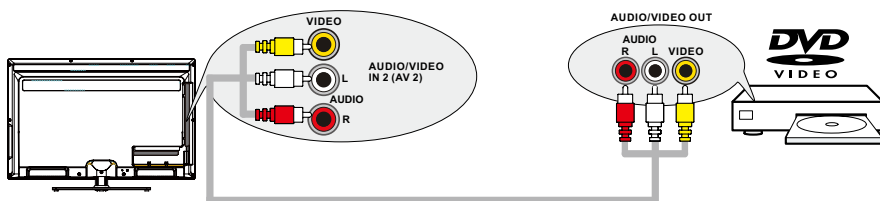
To connect a component with a video output jack, such as a DVD player, follow these steps:

Example: DVD Player

1. Connect your cable and/or off-air antenna as described on page 10.
2. Connect the yellow video cable to the **(AV2) VIDEO** jack on the TV and to the video output jack on the DVD player.
3. Connect the red and white audio cables to the **(AV2)** right and left audio jacks on the TV and to the audio output jacks on the DVD player.
4. Turn on your TV; then turn on the DVD player.
5. Press the **INPUT** button on the remote control to open the Input list. Once open, press the **INPUT** button repeatedly to select **AV2**.

Note: same operation for connection to the **AV1** on the TV.

This is an example of a connection using the composite video jack. And the location and names of the jacks on the TV may vary according to TV model.



Component Video Connection(Better)

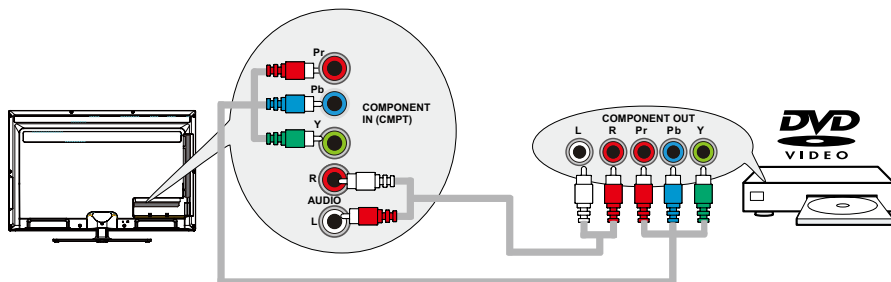
Component video connection offers better picture quality for video devices connected to the unit. To connect a component that has Y Pb Pr jacks, such as a DVD player, follow these steps:

Example: DVD Player

1. Connect your cable and/or off-air antenna as described on page 10.
2. Connect three video cables or special Y Pb Pr cables to the **COMPONENT IN(CMPT) Y Pb Pr** jacks on the TV and to the Y Pb Pr outputs on the DVD player.
3. Connect your red and white audio cables to the **COMPONENT IN (CMPT) R and L AUDIO** jacks on the back of the TV and to the audio output jacks on the DVD player.
4. Turn on your TV; then turn on the DVD player.
5. Press the **INPUT** button on the remote control to open the Input list. Once open, press the **INPUT** button repeatedly to select **CMPT**.

Note: For model **26LED3200B**, same operation for connection to the **COMPONENT IN 1 (CMPT 1)** and **COMPONENT IN 2 (CMPT 2)** on the TV.

This is an example of a connection using the component video jacks. And the location and names of the jacks on the TV may vary according to TV model.



HDMI Connection (Best)

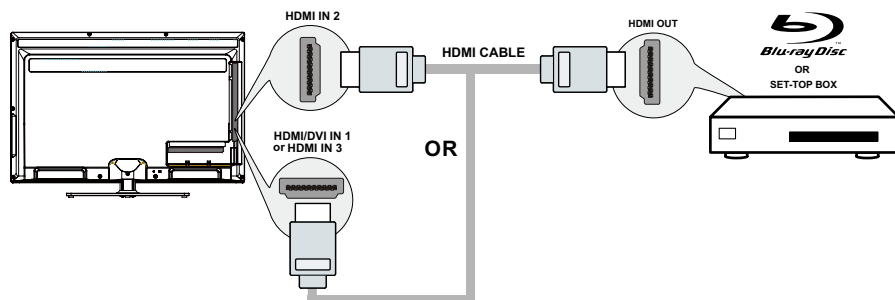
High-Definition Multimedia Interface (HDMI) technology is an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.

Example: Component with HDMI jack.

1. Connect an HDMI cable to the **HDMI IN 2** jack on the TV (or the **HDMI/DVI IN 1** jack or **HDMI IN 3**) and to the HDMI output jack on the component.
2. Turn on your TV; then turn on the component.
3. Press the **INPUT** button on the remote control to open the Input list. Once open, press the **INPUT** button repeatedly to select **HDMI 2** (or **HDMI 1** or **HDMI 3**).

Note: You can use HDMI connection as alternative to cable input.

This is an example of a connection using the HDMI jacks. And the location and names of the jacks on the TV may vary according to TV model.



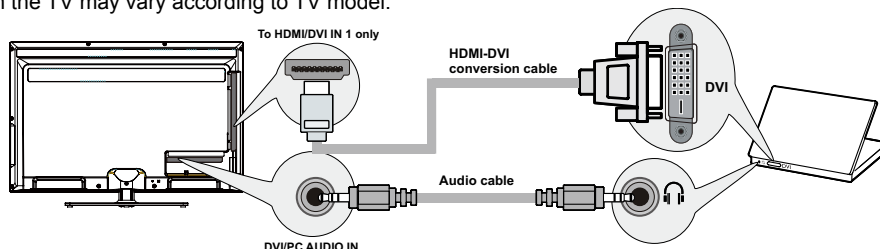
HDMI/DVI Connection

Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your TV is also compatible with components that have a DVI output jack.

Example: Personal Computer (PC)

1. Connect an HDMI cable to the **HDMI/DVI IN 1** jack on the TV.
2. Attach an HDMI/DVI adapter on the other end of the HDMI cable, then connect it to the DVI output jack on the PC.
3. Since you're using an HDMI/DVI adapter, you need to connect a separate audio cable to the **DVI AUDIO IN** jack on the TV and the audio output jack on the PC.
4. Turn on your TV; then turn on the PC.
5. Press the **INPUT** button on the remote control to open the Input list. Once open, press the **INPUT** button repeatedly to select **HDMI 1**.

This is an example of a connection using the HDMI/DVI jacks. And the location and names of the jacks on the TV may vary according to TV model.



Don't forget:

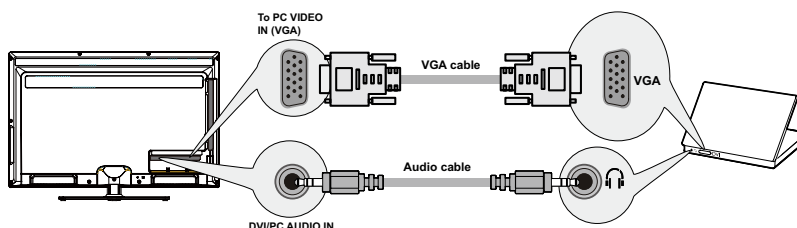
If necessary, connect antenna or cable to get a picture. Go to page 10 for instructions.

PC Connection

To connect a personal computer and use your TV as a monitor, follow these steps:

1. Connect one end of a 15-pin monitor cable (VGA cable) to the **PC IN VGA** jack on the TV and the other end to the PC's video output jack.
2. Connect an audio cable to the **PC AUDIO IN** jack on the TV and the other end to the audio output jack on the PC.
3. Turn on your TV; then turn on the PC.
4. Press the **INPUT** button on the remote control to open the Input list. Once open, press the **INPUT** button repeatedly to select **PC**.

This is an example of a connection using the PC Connection jacks. And the location and names of the jacks on the TV may vary according to TV model.



Plug in the TV

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

Put Batteries in the Remote

- Remove the battery compartment cover from the back of the remote control by pushing the tab and lifting off the cover.
- Insert 2 AAA batteries, making sure the polarities (+ and -) are aligned correctly.
- Replace the cover.

Turn on the TV

Turn on your TV by pressing the **⏻** button on the TV or the **⏻** button on the remote control.

Using the Remote Control to Complete the Initial Setup

You will need to use the remote control to complete the setup of your TV. The remote control allows you to navigate through and select items that appear in the on-screen menus. The process works the same on all menu screens: highlight your choice and select it.

To highlight an item in the menu list, press the up or down arrow (**▲/▼**) to move up or down. Use the **OK** button or right arrow (**▶**) to view other selections for the highlighted menu choice or to display a sub-menu.

Note: Highlighted items stand out from other menu items on the list (appear darker, brighter, or a different color).

Complete the Initial Setup

The menu system in your TV allows all of the TV's features to work properly. The first time you turn on your TV, the Initial Setup Wizard opens, which guides you through the setup process, including Language, TV Location, Time Zone, Tuner and Channel Scan.

Set the Menu Language

The first step of the setup requires you to select your preferred language for the menu system. If **English** is your preferred language, press the **OK** button on the remote control. To select another language use the down arrow button (▼) until that language is selected then press **OK** or the right arrow button (▶) to proceed to the next screen.

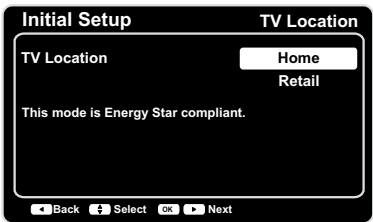


Set the TV Location Mode

After choosing the language, a menu screen asks you to set the TV Location.

- Choosing “**Home**” for the TV Location assigns the optimal picture settings for most home environments.
- Choosing “**Retail**,” which is not Energy Star compliant, sets the unit up with predefined settings for retail displays. In this setting, the power consumption may exceed the requirements of the Energy Star® qualification.

Use the up or down arrow (▲/▼) to select the desired location setting (**Home/Retail**); then press the **OK** button or right arrow (▶) to continue to the next screen.



Set the Time Zone

Use the up or down arrows (▲/▼) to select the current local time zone. Press the **OK** button or right arrow (▶) to continue to the next screen.



Auto Channel Scan

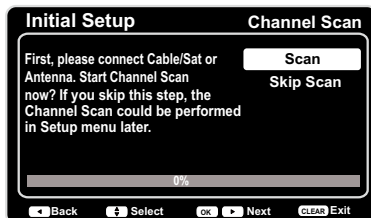
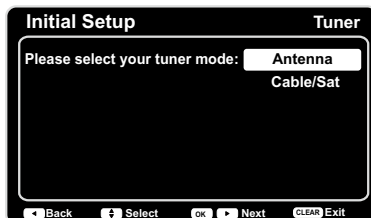
1. On the **Tuner** screen, select either **Antenna** or **Cable/Sat**. Press the **OK** button or right arrow (▶) to continue to the next screen.

Note: If you are using a satellite or cable set-top box, you do not have to complete the Channel Search.

2. The **Channel Scan** screen is now displayed. The default choice is to scan. Press the **OK** button or the right arrow (▶) to begin the channel scan for available channels to be stored in the TV's memory.

Note: If you do not want to scan for channels at this time, press the **OK** button or right arrow (▶) to stop the scanning process.

3. The screen will change to show the progress of the scanning process.
4. When the scanning is finished, the unit has completed the Initial Setup.
5. Press **CLEAR** to exit the Wizard and begin watching TV.



Skip Scan

If you select to skip the Auto Scanning process by choosing **Skip Scan** or by pressing the **CLEAR** button, you will need to follow this process the next time you decide to complete this procedure.

1. Select the **TV** as input (using the **INPUT** key).
2. Go through the menu options to select the **Signal Type**, which will display the option of scanning the channels again.
3. If you are using a satellite or cable set-top box, you do not have to complete the Channel Search.

Note: See the **Setup** Menu to:



- Scan channels automatically again (page 23).
- Add desired channels not memorized by the **Channel Skip** (page 24).
- Reset the time zone (page 27).

See the **Language** Menu to:

- Change to another language (page 32).



Chapter 2 - Understanding the Basics

Turning the TV On and Off

1. Plug the power cord from the TV into an AC power outlet.
2. Press  to turn on the TV.
3. Press  to turn off the TV. When you turn the TV off, it automatically goes into Standby Mode.

Note: When your TV is in Standby Mode, it is still receiving some power. To completely disconnect the power, unplug the power cord.

Selecting the Video Input Source

1. Turn on the TV; then, press **INPUT** on the remote control. The INPUT list appears.
2. To select an input source, press the **INPUT** button repeatedly or use the up and down arrows (/) to highlight the video source and press **OK** to select.

Input	
TV	
AV1	No Label
AV2	No Label
S-VIDEO	No Label
CMPT1	No Label
CMPT2	No Label
PC	No Label
HDMI1	No Label
HDMI2	No Label
HDMI3	No Label

FOR MODEL
26LED3200B

Input	
TV	
AV1	No Label
AV2	No Label
CMPT	No Label
HDMI1	No Label
HDMI2	No Label
HDMI3	No Label
PC	No Label

FOR MODELS
32LED3200B /
40LED3200B /
46LED3200B

Selecting a Channel

1. Select the desired channel by using the **CH+/-** or the numeric keypad.
The **CH+/-** can select only memorized channels.
Select non-memorized channels using the numeric keypad.
2. To use the numeric keypad:
Analog TV Channels – When selecting an analog channel, such as channel 12, press the 1, then the 2, then press **OK**.
DTV – When selecting digital channels, such as 12.3, be sure to press the dot (•) in the appropriate place. So, for 12.3, you would press 1, then 2, then dot, then 3. Press **OK** to select.
3. Press **GO BACK** to return to the previously viewed channel.

What is a Sub-channel?

A sub-channel is a channel such as 12.3. By using high-compression technology, digital broadcasting enables multiple signals to be sent simultaneously. Therefore, you can select more than one program per main channel, since digital broadcasting technology can distinguish between multiple channels on a single network.

Adjusting/Muting the Volume

1. Use the **VOL +/-** to adjust the volume. The volume bar will be displayed at the bottom part of your TV screen when you are adjusting the volume. The volume bar disappears a few seconds after you have completed the adjustment.
2. Press **MUTE** to turn the sound on and off. The MUTE mark is displayed on the TV screen for a few seconds.
3. When you press **MUTE** again, the volume reverts to its previous level. Or you can press the **VOL +** to cancel the mute function.

Screen Formats

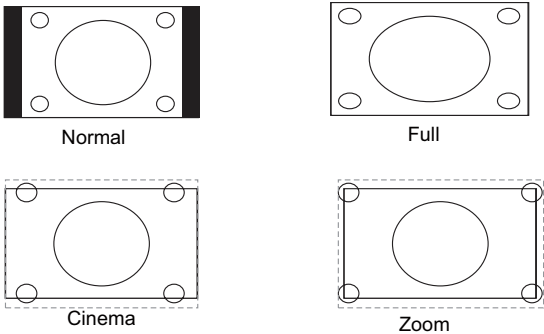
Screen format refers to the way the picture is displayed on your TV. Press the **ZOOM +/-** button on your remote to see if a different format is available for the video you are viewing. The format changes as you press the **ZOOM +/-** button, and the format type is displayed at the bottom left of the screen.

Analog video is sent in a 4/3 format, which your TV displays in a 16/9 format. Most digital video is sent in a 16/9 format which fills your screen, but it sometimes is sent in 4/3, which does not fill your screen. It depends on how the station or component connected to your TV is formatting the video. If there are bars on the screen, press the **ZOOM +/-** button to try a different format that may eliminate the bars.

Some bars can't be removed because of the way the format is sent by the broadcaster. Press **ZOOM +/-** repeatedly to cycle through the available display formats.

Examples of the different formats appear below. Each format is available for analog video, but it might not be available for digital video.

Note: For HD Video, press **ZOOM +/-** to choose from Full, Expand, Normal and Zoom. For HDMI and CMPT inputs, there is also a No Overscan format.



Channel Banner

There are several indicators that may appear when you press the **INFO** button on the remote control, such as channel number, channel name, rating information, cureent time, effective dcanning lines and etc., these information vary depending on the different program. This display is called the **Channel Banner**. The following is an example describing the items on the **Channel Banner** screen.

SD channel 1, Event 844			D 42.1	
4:00 AM - 7:00 AM			ATLC-DT	
No Rated	FAV	704x480i	English1	Cable/Sat
No Information			06:55 AM	

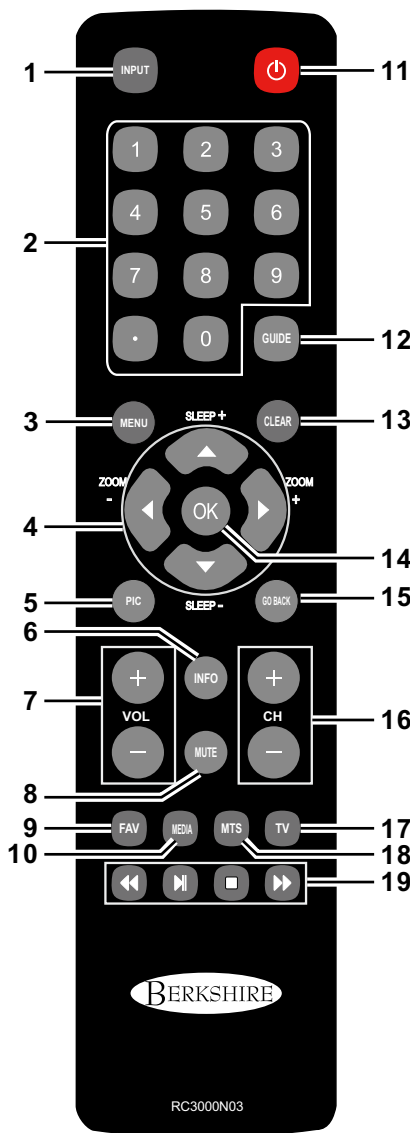
Chapter 3 - Using the Remote Control

Remote Control Buttons

1. **INPUT** – Press the **INPUT** button to open the **Input** list; then press the **INPUT** button repeatedly to select the video input, or press the up and down arrows (▲/▼) to highlight options, and press **OK** to select the desired option.
2. **Alphanumeric Buttons** – Using these buttons, enter channel numbers. To enter a channel, press the number buttons and press **OK** (or let the entry timeout). To enter a digital channel with a sub-channel, enter the main channel; then, press the dot (*), the sub-channel, and then the **OK** button.
3. **MENU** – Press the **MENU** button to display the Main Menu.
4. **Arrows** (▲/▼/◀/▶) – Use the four arrows to highlight different items in the TV menu and to adjust the menu controls.
ZOOM +/- (◀/▶) – Press to select the desired screen format.
SLEEP +/- (▲/▼) – Press to set the TV to turn off after a given amount of time.

Note: In USB mode, the up or down arrow (▲/▼) can also be used for rotating a photo when showing the photo.

5. **PIC** – Press to select your desired picture mode.
6. **INFO** – If no menus are currently active, press the **INFO** button to display the **Channel Banner**.
7. **VOL +/-** – Increases or decreases the TV volume.
8. **MUTE** – Press to turn the volume on and off.
9. **FAV** – Press the **FAV** button to browse the channels in your favorite list. Use the up and down arrows (▲/▼) to highlight options, then press **OK** to select.
10. **MEDIA** – Press the **MEDIA** button to enter the USB menu directly.
11. **POWER** (⏻) – Press the **POWER** button to turn the TV on and off.
12. **GUIDE** – Press the **GUIDE** button to display the program guide. Program guide details are only available on digital channels.
13. **CLEAR** – Press the **CLEAR** button to remove any menu or display from the screen and return to normal viewing.
14. **OK** – Press to display Channel List menu. When the TV is in the Menu system, press the **OK** button to confirm your selection.
15. **GO BACK** – Pressing the **GO BACK** button returns you to the previously viewed channel.
16. **CH + or CH -** – Press the **CH +/-** buttons to select channels and external input mode.
17. **TV** – Press to access to the TV mode.
18. **MTS** – Press to select your desired sound mode.
19. These buttons can be used for playing music and photos in the USB menu.



Chapter 4 - Using the TV Menu

Using the Menu System

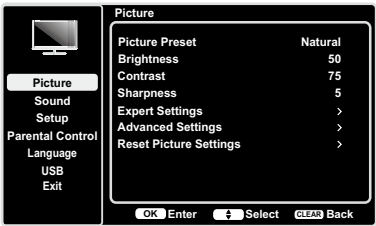
This section explores the menus of your TV. Each menu is outlined and detailed to help you get the most from your TV. To access the menu system, follow these steps:

1. Press the **MENU** button to open the main menu.
2. Use the up and down arrows (▲/▼) to highlight an option and press the **OK** button or the right arrow (▶) to enter its sub-menu.
3. Press the up and down arrows (▲/▼) to highlight an item; then press the left or right arrows (◀/▶) to adjust the selected items, or press the **OK** button or the right arrow (▶) to enter the next screen.
4. Press the **OK** button to confirm your selections.
5. Press the **MENU** button to return to the previous screen, or press the **CLEAR** button to close the menu.

Note:

Use the text at the bottom of the screen to assist you.

Descriptions of each menu are discussed in the order they appear.



Picture Menu

The **Picture** Menu contains menus and controls to configure the way the picture appears. The **Picture** Menu options apply to the video for the main TV and VIDEO INPUT selections.

To access the **Picture** Menu, press the **MENU** button on the remote to open the Main menu. Press the up or down arrow (▲/▼) to select **Picture**; then press the **OK** button or the right arrow (▶) to display options.

Picture Settings:

Picture Preset - Displays a list that lets you select one of the preset picture settings: **Natural**, **Sports**, **Personal** or **ECO**, **Vibrant**, **Cinematic**. Choose the setting that is best for your viewing environment.

Note: *ECO is the default setting, if you select some other options, the power consumption may change.*

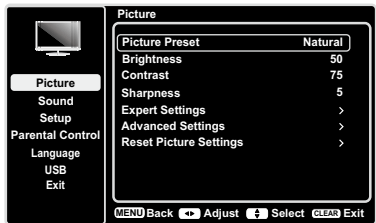
Brightness - Adjusts the brightness of the picture.

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

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

Expert Settings

Backlight - Adjusts the backlight level. the menu line is grayed out by default. Only when "**Dynamic Backlight**" and "**Light Sensor**" are both set to "**Off**", the menu line can be adjustable.



Color - Adjusts the richness of the color.

Tint - This option adjusts the balance between the red and green levels.

Color Temperature - Adjusts the color temperature from cool to warm.

Note: *Color and Tint are not available in PC mode.*

Advanced Settings

Light Sensor – When activated, this feature monitors the ambient light conditions in the room and adjusts the TV's backlight for optimum viewing. It also serves as an energy-saving feature by lowering the backlight power level when appropriate (typically in darker conditions).

Dynamic Backlight – This option automatically adjusts the brightness of the backlight according to the content of the incoming signal. **Dynamic Backlight** optimizes the picture quality and decreases power consumption.

Note: *When **Light Sensor** or **Dynamic Backlight** is set to Off, the power consumption may exceed the requirements of the Energy Star® qualification.*

Noise Reduction – This setting reduces picture “static” or any type of interference. This feature is especially useful for providing a clearer picture in weak analog signal conditions. Choose between these options:

Low for a softer, smoother picture that retains picture sharpness and detail.

Middle for a slightly softer picture than the Low setting.

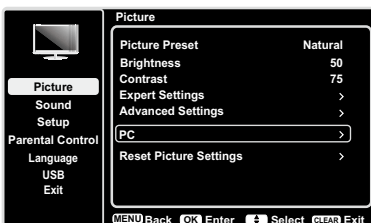
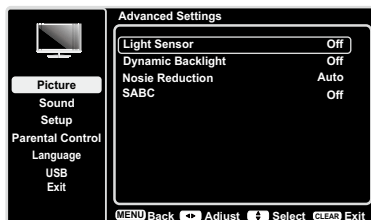
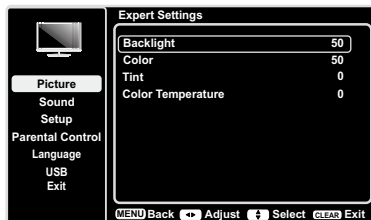
High for an even softer, smoother picture than the other settings (the picture detail is somewhat decreased).

SABC (Scene Adaptive Brightness Control) –

Option: **On/Off**. If set to **On** mode, distribution of brightness every scene is picked out automatically, TV always adjusts appropriate brightness by full automation.

PC Settings - This option allows you to adjust the PC settings when in PC mode.

Reset Picture Settings - This function allows you to reset all the picture settings to the factory default settings.



Only in PC mode