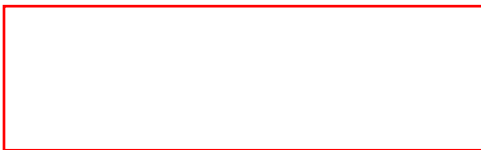# LG
Life's Good

OWNER'S MANUAL

LED LCD TV / LCD TV

Please read this manual carefully before operating
your set and retain it for future reference.

WARNING / CAUTION

WARNING / CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER 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 to persons.

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/CAUTION

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

NOTE TO CABLE/TV INSTALLER

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

WARNING / CAUTION

To prevent fire or shock hazards, do not expose this product to rain or moisture.

FCC Notice

Class B digital device
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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION

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

SAFETY INSTRUCTIONS

Important Safety Instructions

Read these instructions.

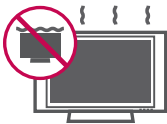Keep these instructions.

Heed all warnings.

Follow all instructions.

1 Do not use this apparatus near water.

2 Clean only with dry cloth.

3 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

4 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

5 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.

6 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

7 Only use attachments/accessories specified by the manufacturer.

8 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.

S3125A

9 Unplug this apparatus during lighting storms or when unused for long periods of time.
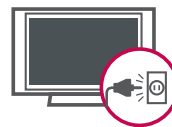
10 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

SAFETY INSTRUCTIONS

11 Never touch this apparatus or antenna during a thunder or lighting storm.

12 When mounting a TV on the wall, make sure not to install the TV by the hanging power and signal cables on the back of the TV.

13 When mounting a TV on the wall, make sure not to install the TV by the hanging power and signal cables on the back of the TV.

14 CAUTION concerning the Power Cord:

It is recommend that appliances be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain.

Do not connect too many appliances to the same AC power outlet as this could result in fire or electric shock.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous . Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

Do not use a damaged or loose power cord. Do not pull on the power cord to unplug the TV. Grasp the plug when unplugging the power cord.

15 WARNING - To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids. Do not touch the TV with wet hands. Do not install this product near flammable objects such as gasoline or candles or expose the TV to direct air conditioning.

16 Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).

17 GROUNDING

Ensure that you connect the earth ground wire to prevent possible electric shock (i.e. a TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet). If grounding methods are not possible, have a qualified electrician install a separate circuit breaker.

Do not try to ground the unit by connecting it to telephone wires, lightening rods, or gas pipes.

Power Supply

Short-circuit Breaker
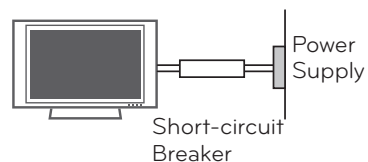
18 DISCONNECTING DEVICE FROM MAINS

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

19 As long as this unit is connected to the AC wall outlet, it is not disconnected from AC power even if you turn off the power switch on the unit.
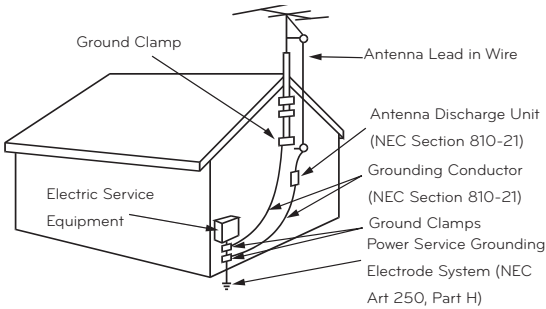
20 ANTENNAS

Outdoor antenna grounding

If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits as death or serious injury can occur.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.

Section 810 of the National Electrical Code (NEC) in the U.S.A. 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.

Antenna grounding according to the National Electrical Code, ANSI/NFPA 70

Ground Clamp

Antenna Lead in Wire

Antenna Discharge Unit (NEC Section 810-21)

Grounding Conductor (NEC Section 810-21)

Electric Service Equipment

Ground Clamps
Power Service Grounding Electrode System (NEC Art 250, Part H)

21 Cleaning

When cleaning, unplug the power cord and rub gently with a soft cloth to prevent scratching. Do not spray water or other liquids directly on the TV as electric shock may occur. Do not clean with chemicals such as alcohol, thinners or benzene.

22 Moving

Make sure the product is turned off, unplugged and all cables have been removed. It may take 2 or more people to carry larger TVs. Do not press against or put stress on the front panel of the TV.

23 Ventilation

Install your TV where there is proper ventilation. Do not install in a confined space such as a bookcase. Do not cover the product with cloth or other materials (e.g.) plastic while plugged in. Do not install in excessively dusty places.

24

Take care not to touch the ventilation openings. When watching the TV for a long period, the ventilation openings may become hot.

25

If you smell smoke or other odors coming from the TV or hear strange sounds, unplug the power cord contact an authorized service center.

26

Do not press strongly upon the panel with hand or sharp object such as nail, pencil or pen, or make a scratch on it.
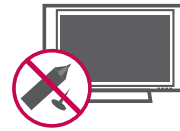
27

Keep the product away from direct sunlight.

28

If the TV feels cold to the touch, there may be a small "flicker" when it is turned on. This is normal, there is nothing wrong with TV.

Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the monitor's performance.

Avoid touching the LCD screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.

ON DISPOSAL

(Only Hg lamp used LCD TV)

The fluorescent lamp used in this product contains a small amount of mercury. Do not dispose of this product with general household waste. Disposal of this product must be carried out in accordance to the regulations of your local authority.

Contents

PREPARATION

Accessories

Ensure that the following accessories are included with your TV. If an accessory is missing, please contact the dealer where you purchased the TV.

The accessories included may differ from the images below.
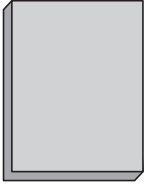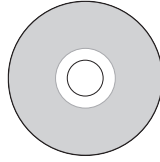
Owner's Manual	CD Manual	Remote Control, Batteries (AAA)
Polishing Cloth	Power cable	D-sub 15 pin cable
AV cable	Screw for stand fixing	
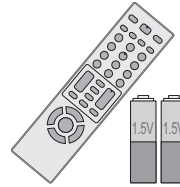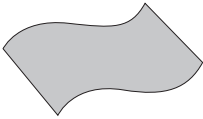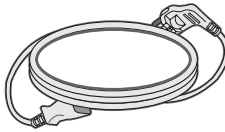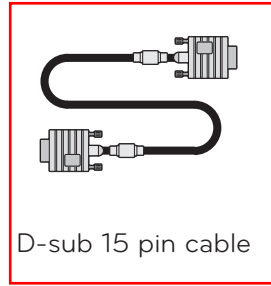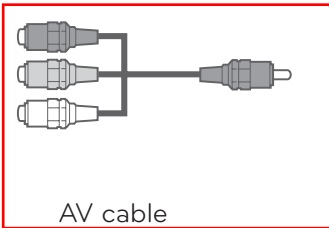
Front Panel Information

❐ Image shown may differ from your TV.

POWER button — ⏻/❘

MENU button — MENU

CHANNEL buttons — CH ∧
CH ∨

VOLUME buttons — VOL +
VOL ─

INPUT button — INPUT / ENTER

Speaker

Remote Control Sensor

Power/Standby Indicator
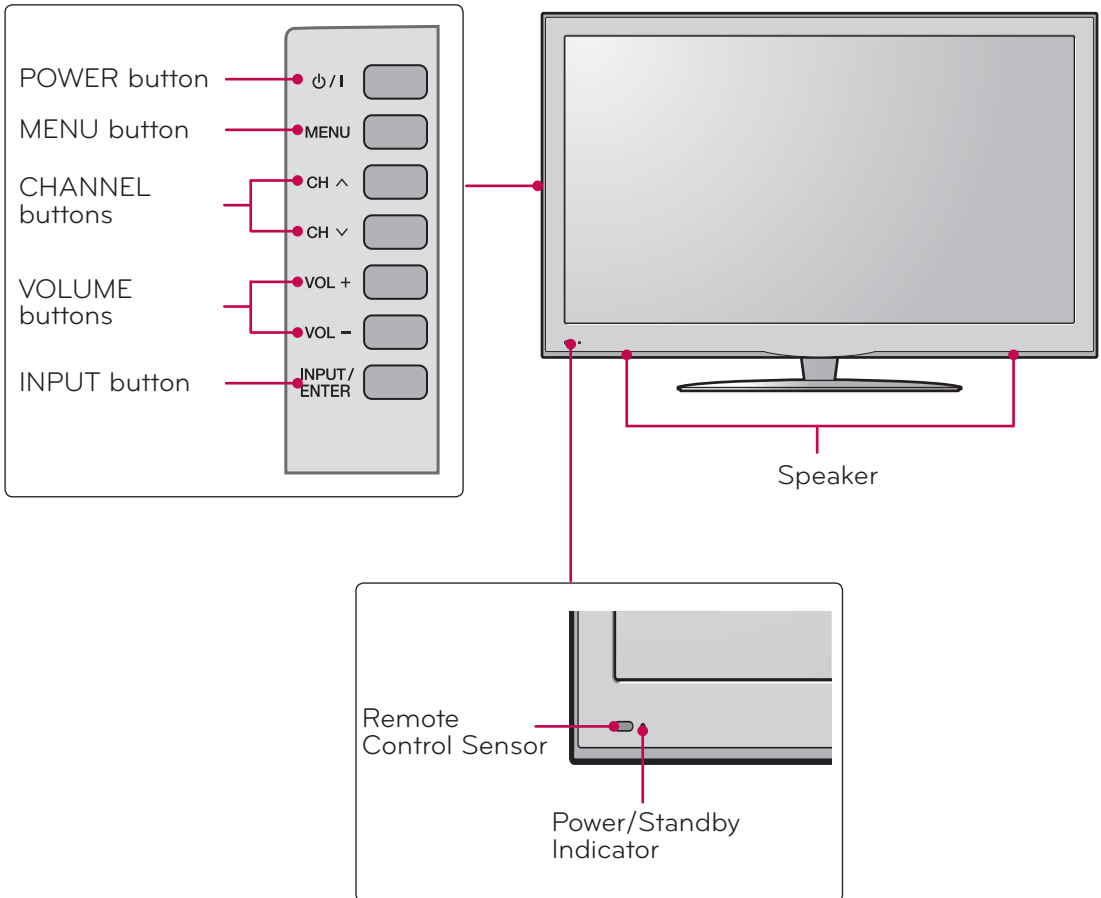
⚠ **NOTE**

⇨ Do not step on the glass stand or subject it to any impact.It may break, causing possible injury from fragments of glass, or the TV may fall.

⇨ Do not drag the TV. The floor or the product may be damaged.

Back Panel Information

❒ Image shown may differ from your TV.

32LD400,
42LD400

47LD500

10 HDMI IN 3

9 USB IN ⟷

9 USB IN ⟷

11

2   3   4

HƏMI/ DVI IN   RGB IN   AV IN   ANTENNA/
CABLE IN

RGB (PC)   AUDIO   VIDEO ⓛ AUDIO ⓡ

5

OPTICAL
DIGITAL
AUDIO OUT

1

COMPONENT IN

ⓛ   ⓡ   Y   PB   PR   ⓛ   ⓡ   ⓛ   ⓡ
└─DVI AUDIO─┘ └──VIDEO──┘ └─AUDIO─┘ └─AUDIO OUT─┘

8   7   6
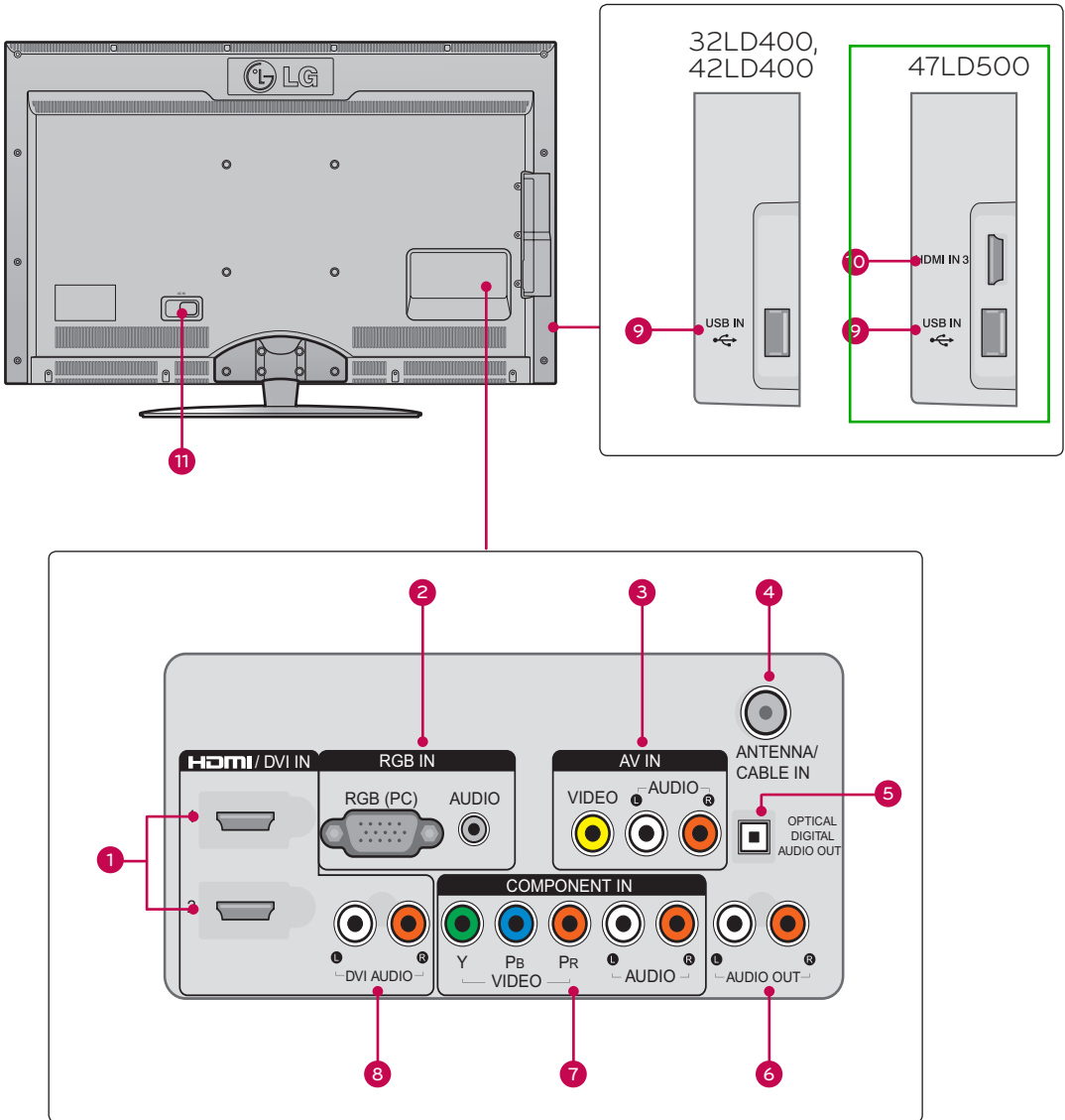
1 HDMI/DVI IN, HDMI IN

Digital Connection.

Supports HD video and Digital audio.
Doesn't support 480i.

Accepts DVI video using an adapter
or HDMI to DVI cable (not included).

3 AV (Audio/Video) IN

Analog composite connection.
Supports standard definition video
only (480i).

2 RGB IN (PC)

Analog PC Connection. Uses a D-sub
15 pin cable (VGA cable).

AUDIO IN

0.32 cm (1/8 inch) headphone jack
for analog PC audio input.

4 ANTENNA/CABLE IN

Connect over-the-air or cable signals
to this jack.

5 **OPTICAL DIGITAL AUDIO OUT**

Digital optical audio output for use with amps and home theater systems.

Note: In standby mode, this port doesn't work.

6 **AUDIO OUT**

For use with external speakers.

7 **COMPONENT IN**

Analog Connection.

Supports HD.

Uses a red, green, and blue cable for video & red and white for audio.

8 **DVI AUDIO IN**

Digital Connection.

9 **USB INPUT**

Used for viewing photos and listening to MP3s.

10 **HDMI IN 3**

Digital Connection.

Supports HD video and Digital audio. Doesn't support 480i.

11 **Power Cord Socket**

For operation with AC power.

Caution: Never attempt to operate the TV on DC power.

⚠ CAUTION

For HDMI IN 3 and USB INPUT

⇨ For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm (0.39 inches) thick.
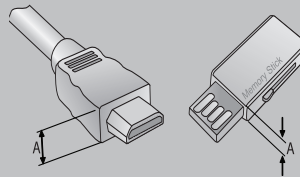
*A is smaller or equals to 10 mm (0.39 inches)

Stand Instructions

❒ Image shown may differ from your TV.

INSTALLATION

1 Carefully place the TV screen side down on a cushioned surface to protect the screen from damage.
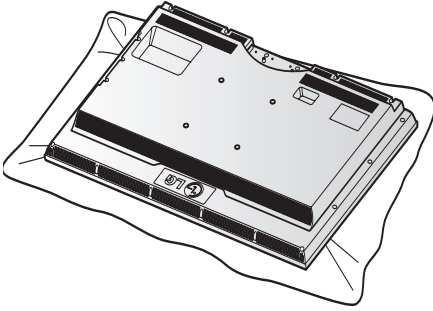
2 Assemble the TV and install the 6 screws into the holes as shown.
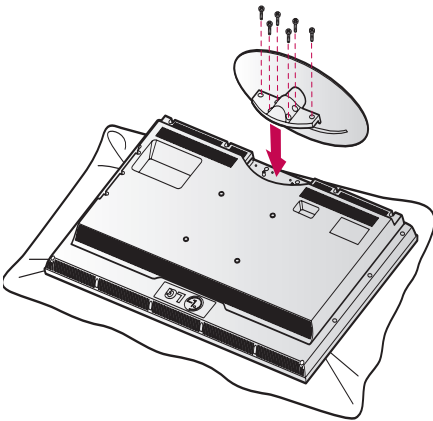
DETACHMENT

1 Carefully place the TV screen side down on a cushioned surface to protect the screen from damage.
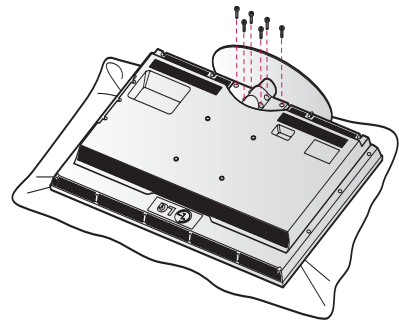
2 Remove the screws and detach the stand from the TV.
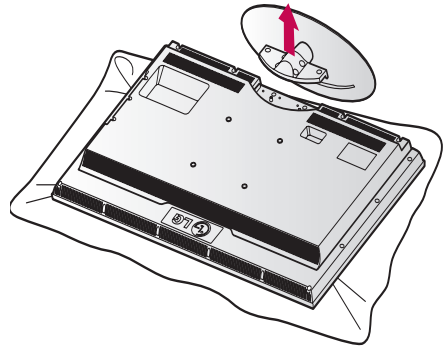
⚠ NOTE

⇨ When assembling the desk type stand, make sure the screws are fully tightened (If not tightened fully, the TV can tilt forward after the product installation). Do not over tighten.

Desktop Pedestal Installation

❒ Image shown may differ from your TV.

For proper ventilation, allow a clearance of 10.1 cm (4 inches) on all four sides from the wall.

10.1 cm (4 inches)

10.1 cm
(4 inches)

10.1 cm (4 inches)

10.1 cm
(4 inches)
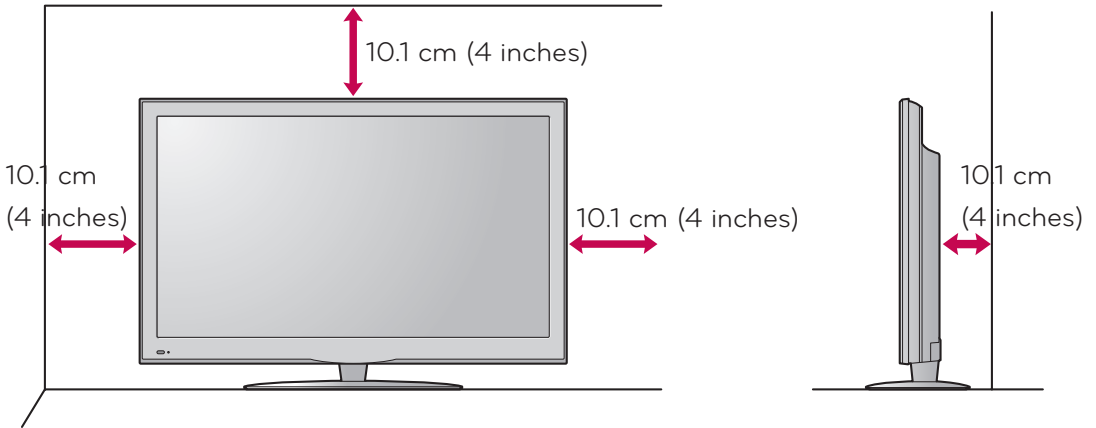
⚠ CAUTION

⇨ Ensure adequate ventilation by following the clearance recommendations.

⇨ Do not mount near or above any type of heat source.

Swivel Stand

After installing the TV, you can adjust the TV set manually to the left or right direction by 20° to suit your viewing position.
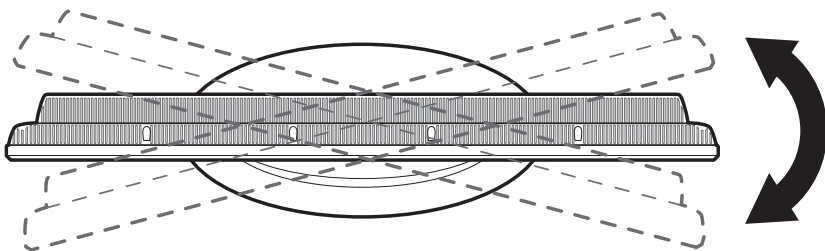
Antenna or Cable Connection

1. Antenna (Analog or Digital)

Wall Antenna Socket or Outdoor Antenna without a Cable Box Connections.

For optimum picture quality, adjust antenna direction if needed. For proper ventilation, allow a clearance of 10.1 cm (4 inches) on all four sides from the wall.

Wall Antenna Socket

Multi-family Dwellings/Apartments
(Connect to wall antenna socket)

ANTENNA/
CABLE IN

Outdoor Antenna (VHF, UHF)

RF Coaxial Wire (75 Ω)

Single-family Dwellings /Houses
(Connect to wall jack for outdoor antenna)

Copper Wire

Be careful not to bend the copper wire when connecting the antenna.

2. Cable

Cable TV Wall Jack

ANTENNA/
CABLE IN

RF Coaxial Wire (75 Ω)
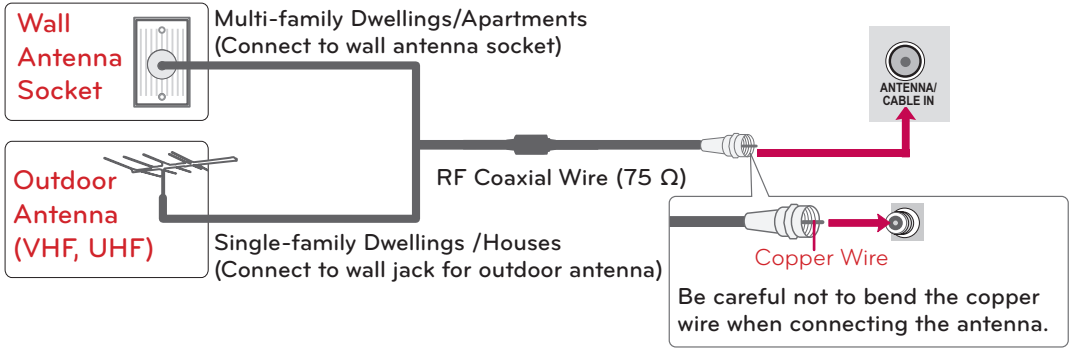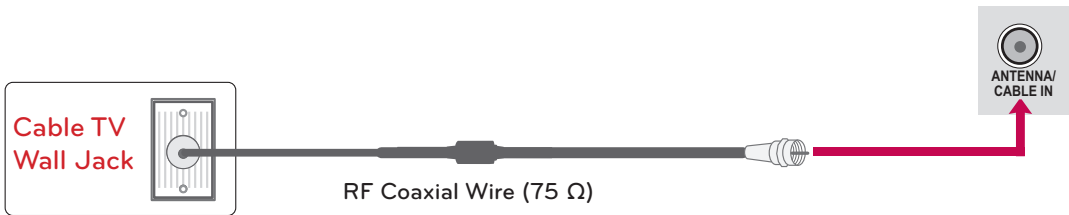
> ## ! NOTE
> ⇨ If the antenna needs to be split for two TV's, install a 2-Way Signal Splitter.
>
> ⇨ For much more information about antennas visit our Knowledgebase at **http://lgknowledgebase.com**. Search for antenna.

EXTERNAL EQUIPMENT SETUP

❐ To prevent the equipment damage, never plug in any power cords until you have finished connecting all equipment.

❐ This part of EXTERNAL EQUIPMENT SETUP mainly use picture of for 32LD400/42LD400.

HD Receiver Setup

This TV can receive digital over-the-air/digital cable signals without an external digital set-top box. However, if you do receive digital signals from a digital set-top box or other digital external device.

Component Connection

1. How to connect

① Connect the video outputs (Y, PB, PR) of the digital set-top box to the **COMPONENT IN VIDEO** jack on the TV. Match the jack colors (Y = green, PB = blue, and PR = red).

② Connect the audio output of the digital set-top box to the **COMPONENT IN AUDIO** jack on the TV.
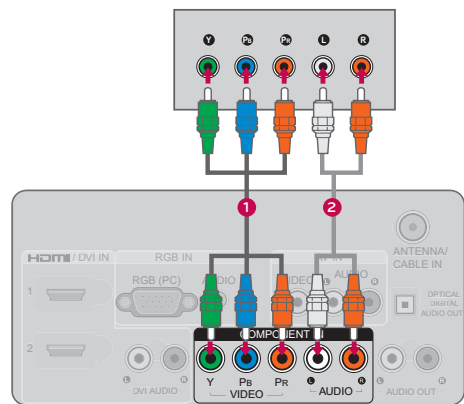
2. How to use

❐ Turn on the digital set-top box.

(Refer to the owner's manual for the digital set-top box operation.)

❐ Select the Component input source on the TV using the INPUT button on the remote control.

Y, CB/PB, CR/PR

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480i	15.73 15.73	59.94 60.00
720x480p	31.47 31.50	59.94 60.00
1280x720p	44.96 45.00	59.94 60.00
1920x1080i	33.72 33.75	59.94 60.00
1920x1080p	26.97 27.00 33.71 33.75 67.432 67.50	23.976 24.00 29.97 30.00 59.94 60.00

HDMI Connection

1. How to connect

1 Connect the digital set-top box to **HDMI/DVI IN 1**, **2**, or **3*** jack on the TV.

2 No separate audio connection is necessary.

HDMI supports both audio and video.

2. How to use

❑ Turn on the digital set-top box.

(Refer to the owner's manual for the digital set-top box operation.)

❑ Select the HDMI 1, HDMI 2, or HDMI 3* input source on the TV using the INPUT button on the remote control.

* HDMI 3: For 47LD500

> ## ! NOTE
>
> ⇨ If an HDMI cable doesn't support High Speed HDMI, it can cause flickers or no screen display. In this case use the latest cables that support High Speed HDMI.
>
> ⇨ HDMI Audio Supported Format: Dolby Digital (32 KHz, 44.1 KHz, 48 KHz), Linear PCM (32 KHz, 44.1 KHz, 48 KHz)

HDMI-DTV

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480p	31.47 31.50	59.94 60.00
1280x720p	44.96 45.00	59.94 60.00
1920x1080i	33.72 33.75	59.94 60.00
1920x1080p	26.97 27.00 33.71 33.75 67.432 67.50	23.976 24.00 29.97 30.00 59.94 60.00

DVI to HDMI Connection

1. How to connect

1 Connect the digital set-top box to **HDMI/DVI IN 1** or **2** jack on the TV.

2 Connect the digital set-top box audio output to the **DVI AUDIO** jack on the TV.
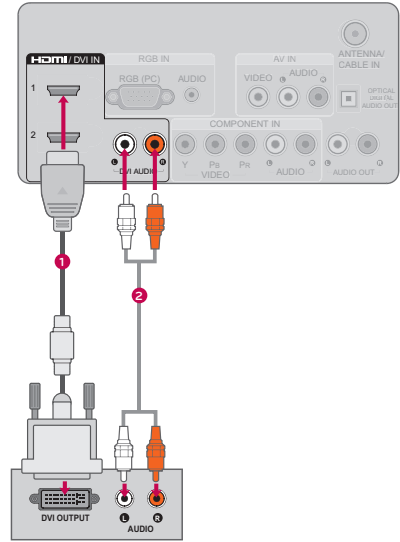
2. How to use

❑ Turn on the digital set-top box.

(Refer to the owner's manual for the digital set-top box operation.)

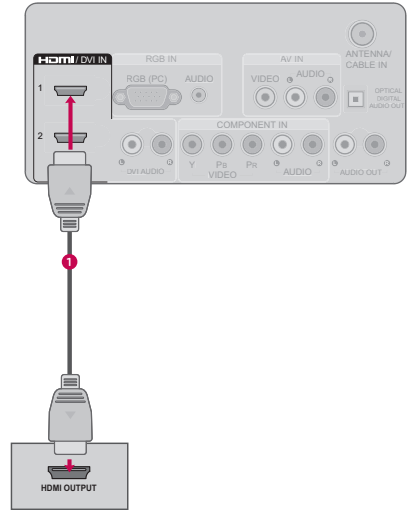❑ Select the HDMI 1 or HDMI 2 input source on the TV using the INPUT button on the remote control.

> ### ! NOTE
>
> ➪ A DVI to HDMI cable or adapter is required for this connection.
>
>   DVI doesn't support audio, so a separate audio connection is necessary.

DVD Setup

Component Connection

1. How to connect

1 Connect the video outputs (Y, PB, PR) of the digital set-top box to the **COMPONENT IN VIDEO** jack on the TV. Match the jack colors (Y = green, PB = blue, and PR = red).

2 Connect the audio output of the digital set-top box to the **COMPONENT IN AUDIO** jack on the TV.
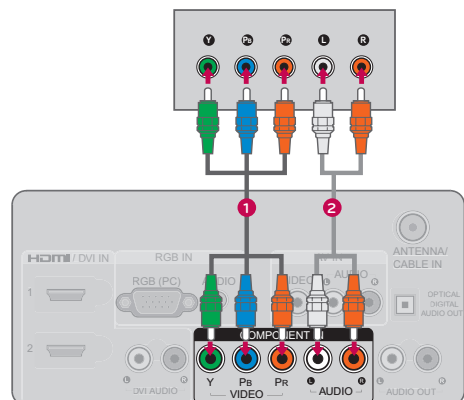
2. How to use

❑ Turn on the DVD player, insert a DVD.

❑ Select the Component input source on the TV using the INPUT button on the remote control.

❑ Refer to the DVD player's manual for operating instructions.

Composite (RCA) Connection

1. How to connect

1 Connect the **AUDIO/VIDEO** jacks between TV and DVD. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
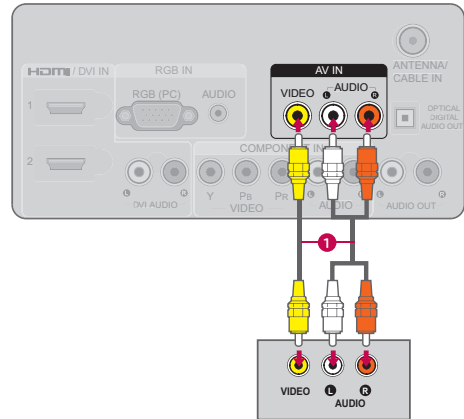
2. How to use

❏ Turn on the DVD player, insert a DVD.

❏ Select the AV input source on the TV using the INPUT button on the remote control.

❏ Refer to the DVD player's manual for operating instructions.

HDMI Connection

1. How to connect

1 Connect the digital set-top box to **HDMI/DVI IN 1**, **2**, or **3***** jack on the TV.

2 No separate audio connection is necessary.

HDMI supports both audio and video.

2. How to use

❏ Select the HDMI 1, HDMI 2, or HDMI 3***** input source on the TV using the INPUT button on the remote control.

❏ Refer to the DVD player's manual for operating instructions.

* HDMI 3: For 47LD500

ⓘ NOTE

⇨ If an HDMI cable doesn't support High Speed HDMI, it can cause flickers or no screen display. In this case use the latest cables that support High Speed HDMI.

⇨ HDMI Audio Supported Format: Dolby Digital (32 KHz, 44.1 KHz, 48 KHz), Linear PCM (32 KHz, 44.1 KHz, 48 KHz)

VCR Setup

Antenna Connection

1. How to connect

1 Connect the RF antenna out socket of the VCR to the **ANTENNA/CABLE IN** socket on the TV.

2 Connect the antenna cable to the RF antenna in socket of the VCR.
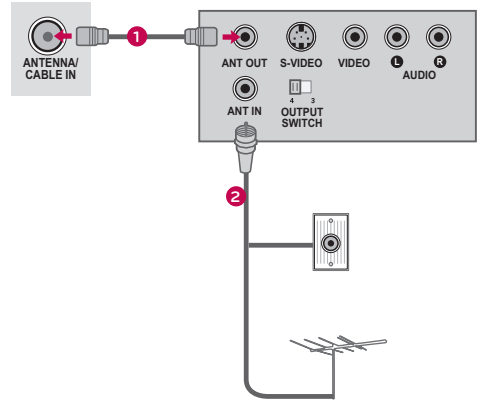
2. How to use

❒ Set VCR output switch to 3 or 4 and then tune TV to the same channel number.

❒ Insert a video tape into the VCR and press PLAY on the VCR (Refer to the VCR owner's manual).

Composite (RCA) Connection

1. How to connect

1 Connect the **AUDIO/VIDEO** jacks between TV and VCR. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
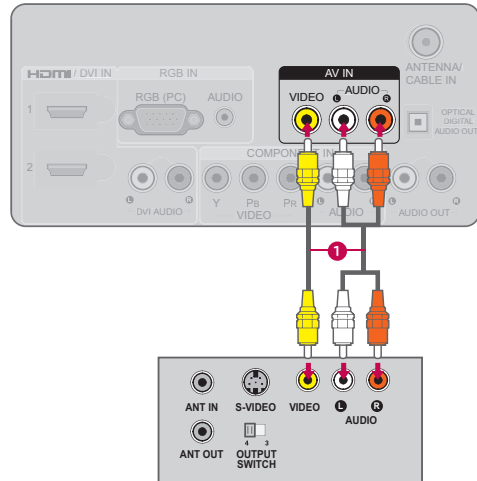
2. How to use

❒ Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
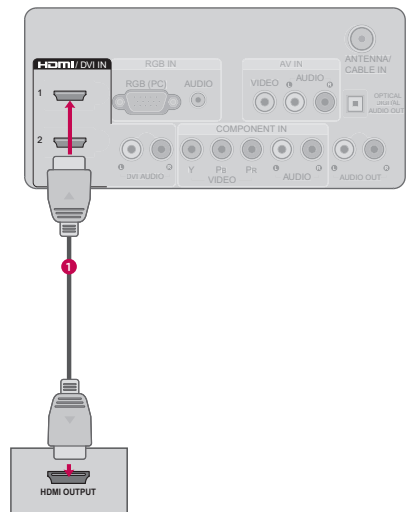
❒ Select the AV input source on the TV using the INPUT button on the remote control.

> **! NOTE**
>
> ⇨ If you have a mono VCR, connect the audio cable from the VCR to the **AUDIO L(MONO)** jack of the TV.

Other A/V Source Setup

1. How to connect

1 Connect the **AUDIO/VIDEO** jacks between TV and external equipment. Match the jack colors. (Video = yellow, Audio Left = white, and Audio Right = red)

2. How to use

❒ Select the AV input source on the TV using the INPUT button on the remote control.

❒ Operate the corresponding external equipment.

Camcorder

Video Game Set
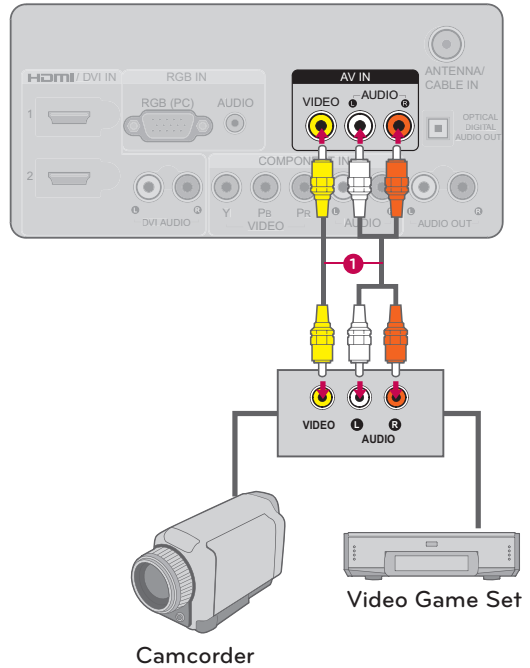
USB Connection

1. How to connect

1 Connect the USB device to the **USB IN** jack on the side of TV.

2. How to use

❒ After connecting the **USB IN** jack, you use the USB function.

Memory Key
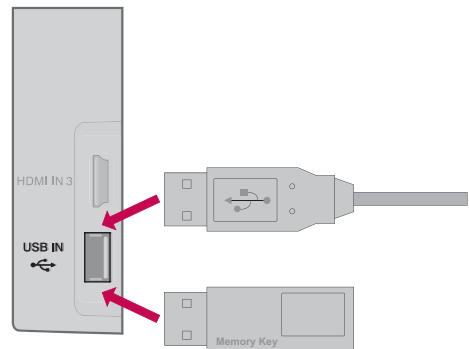
Audio Out Connection

Send the TV's audio to external audio equipment via the Audio Output port.

If you want to enjoy digital broadcasting through 5.1-channel speakers, connect the OPTICAL DIGITAL AUDIO OUT terminal on the back of TV to a Home Theater (or amp).

1. How to connect

1 Connect one end of the optical cable to the TV port of **OPTICAL DIGITAL AUDIO OUT**.

2 Connect the other end of the optical cable to the digital audio input on the audio equipment.

3 Set the "TV Speaker option - Off" in the AUDIO menu. See the external audio equipment instruction manual for operation.
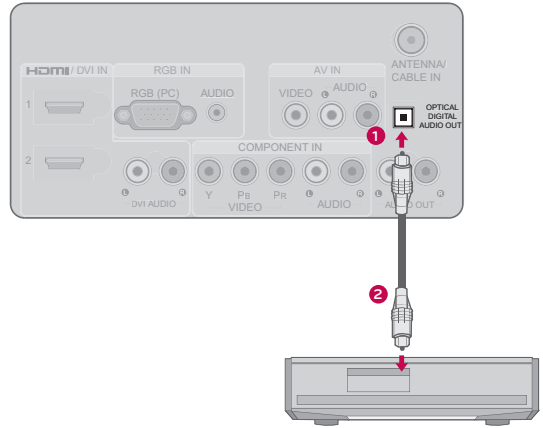
! NOTE

⇨ When connecting with external audio equipment, such as amplifiers or speakers, you can turn the TV speakers off in the menu.

⚠ CAUTION

⇨ Do not look into the optical output port. Looking at the laser beam may damage your vision.

⇨ Audio with ACP (Audio Copy Protection) function may block digital audio output.

PC Setup

This TV provides Plug and Play capability, meaning that a PC adjusts automatically to the TV's settings.

VGA (D-Sub 15 Pin) Connection

1. How to connect

1 Connect the VGA output of the PC to the **RGB IN (PC)** jack on the TV.

2 Connect PC audio output to the **RGB IN (AUDIO)** jack on the TV.
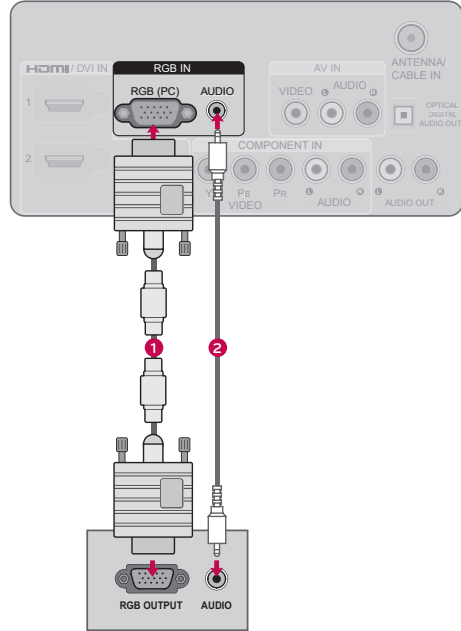
2. How to use

❏ Turn on the PC and the TV.

❏ Select the RGB-PC input source on the TV using the INPUT button on the remote control.

DVI to HDMI Connection

1. How to connect

1 Connect the DVI output of the PC to the **HDMI/DVI IN 1** or **2** jack on the TV.

2 Connect the PC audio output to the **DVI AUDIO** jack on the TV.
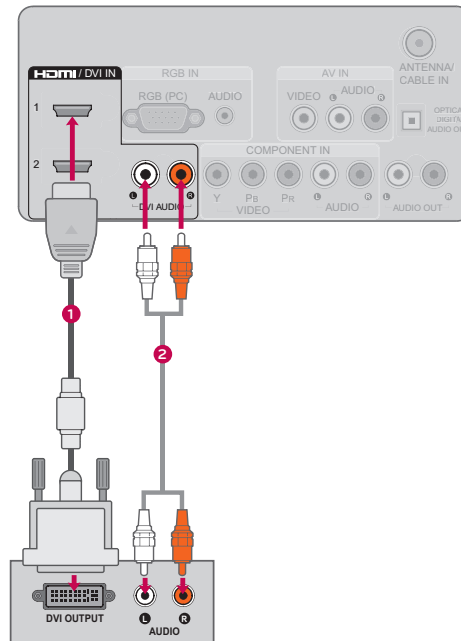
2. How to use

❏ Turn on the PC and the TV.

❏ Select the HDMI 1 or HDMI 2 input source on the TV using the INPUT button on the remote control.

ⓘ NOTE

⇨ To get the the best picture quality, adjust the PC graphics card to 1360 x 768 or 1920 x 1080.

⇨ Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use.

⇨ In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness.

⇨ If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the PICTURE menu until the picture is clear.

⇨ Avoid keeping a fixed image on the screen for a long period of time. The fixed image may become permanently imprinted on the screen.

⇨ The synchronization input form for Horizontal and Vertical frequencies is separate.

⇨ Depending on the graphics card, some resolution settings may not allow the image to be positioned on the screen properly.

Supported Display Specifications (RGB-PC, HDMI-PC)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
640x350	31.468	70.09
720x400	31.469	70.08
640x480	31.469	59.94
800x600	37.879	60.31
1024x768	48.363	60.00
1280x768	47.776	59.87
1360x768	47.712	60.015
1360x768	63.981	60.02
1600x1200	75.00	60.00
1920x1080 RGB-PC	66.587	59.934
1920x1080 HDMI-PC	66.587	59.934

WATCHING TV/ CHANNEL CONTROL

Remote Control Functions

When using the remote control, aim it at the remote control sensor on the TV.

The remote control may differ from the images below.
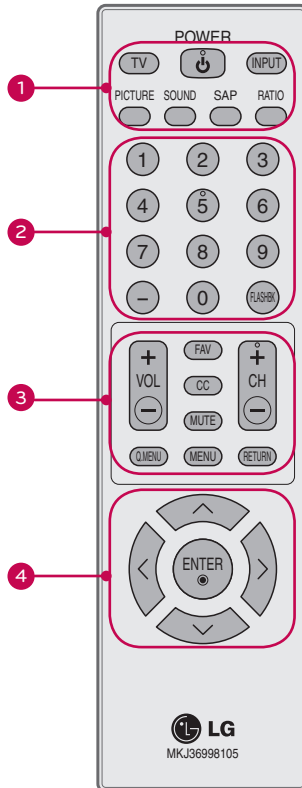
Group No.	Item	Description
1	TV	Returns to the last TV channel.
	POWER	Turns the TV on from standby or off to standby.
	INPUT	Rotates through inputs. Also switches the TV on from standby.
	RATIO	Changes the aspect ratio.
	SAP	Selects MTS sound.
	SOUND	Changes the sound model
	PICTURE	Changes the picture mode.
2	NUMBER buttons	Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.
	FLASHBK	Tunes to the last channel viewed.

Group No.	Item	Description
3	CHANNEL (UP/DOWN)	Changes the channel.
	RETURN	Allows the user to move return one step in an interactive application or other user interaction function.
	FAV	Scroll through the programmed Favorite channels.
	CC	Switches the caption on or off.
	MUTE	Switches the sound on or off.
	MENU	Displays the main menu or clears all on-screen displays and return to TV viewing.
	VOLUME (UP/DOWN)	Adjusts the volume.
	Q.MENU	Opens the list of Quick Menu options.
4	THUMBSTICK (Up/Down/Left/Right/ENTER)	Navigates the on-screen menus and adjusts the system settings to your preference.

Installing Batteries

❐ Open the battery compartment cover on the back side and install the batteries matching correct polarity.

❐ Install two 1.5V AAA batteries. Don't mix old or used batteries with new ones.

❐ Close cover.
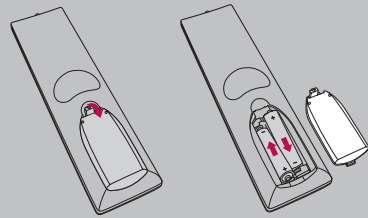
Turning on the TV

1 First, connect power cord correctly.

At this moment, the TV switches to standby mode.

⇨ In standby mode to turn TV on, press the POWER button.

2 Select the viewing source by using the INPUT button on the remote control.

3 When finished using the TV, press press the POWER button. on the remote control. The TV reverts to standby mode.

> ⓘ **NOTE**
>
> ⇨ If you intend to be away on vacation, disconnect the power plug from the wall power outlet.

Channel Selection

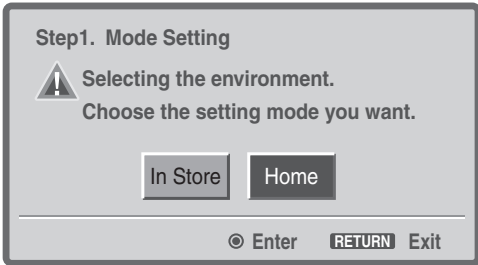**1** Press the CHANNEL or NUMBER buttons to select a channel number.

Volume Adjustment

1 Press the VOLUME button to adjust the volume.

2 If you want to switch the sound off, press the MUTE button.

3 You can cancel the Mute function by pressing the MUTE or VOLUME button.

Initial Setting

This Function guides the user to easily set the essential items for viewing the TV for the first time when purchasing the TV. It will be displayed on the screen when turning the TV on for the first time. It can also be activated from the user menus.

❐ Default selection is "**Home**". We recommend setting the TV to "**Home**" mode for the best picture in your home environment.

❐ "**In Store**" Mode is only intended for use in retail environments. Customers can adjust the "P**icture** menu - **Picture mode**" manually while inspecting the TV, but the TV will automatically return to preset in-store mode after 5 minutes.

❐ "**In Store**" Mode is an optimal setting for displaying at stores. "**In Store**" mode initializes the TV to set the image quality.

1. Mode Setting

Step1. Mode Setting
⚠ **Selecting the environment.**
Choose the setting mode you want.

In Store   Home

◉ **Enter**   **RETURN** **Exit**

1 Select **Setting Mode** option.

2 ENTER Press the ENTER button.

2. Time Setting

Step2. Time Setting

Current Time Setting	◄ Auto ►
Year	----
Month	--
Date	--
Hour	--
Minute	--
Time Zone	Eastern
Daylight Saving	Auto

◉ **Enter**   **RETURN** **Exit**
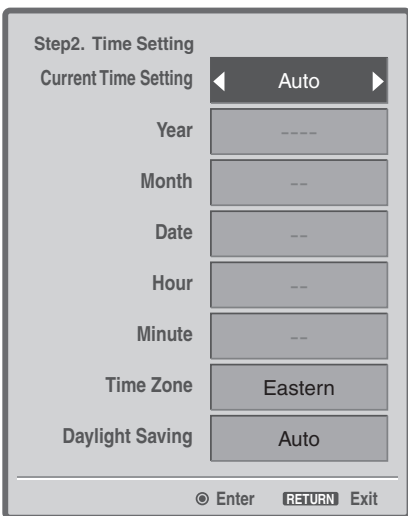
1 Select **Current Time Setting** option.
❐ If you select "**Manual**", enter the data for **Year**, **Month**, **Date**, **Hour**, **Minute**.

2 Select **Time Zone** option.

3 Select **Daylight Saving** option.

4 ENTER After all settings are completed, press the ENTER button.

3. Option Setting

Step3. Option Setting	
1.OSD Language Setting	◄ English ►
2.Audio Language Setting	English
	◉ Enter **RETURN** Exit
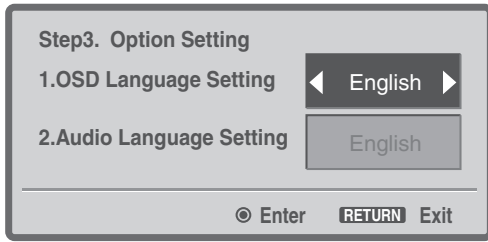
1	⟨ ⟩	Select **OSD Language Setting** option.
2	⟨ ⟩	Select **Audio Language Setting** option.
3	ENTER ◉	Press the ENTER button.

4. Auto Tuning

Step4. Auto Tuning

Auto Tuning can change channel map.
Do you want to start Auto Tuning?

Enter

◉ Enter **RETURN** Exit
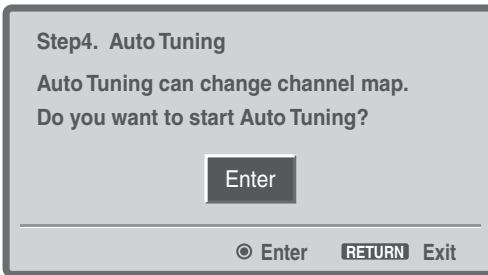
1	ENTER ◉	Check your antenna connection and press the ENTER button to start **Auto Tuning**.
2	⌃ ⌄	Select **Yes** to begin auto tuning.
3	ENTER ◉	Press the ENTER button.

CHANNEL   ◆ Move   ◉ Enter

Auto Tuning
Manual Tuning
Channel Edit

ANTENNA   CABLE

ANTENNA

Press 'Yes' button to begin auto tuning.

Yes

No
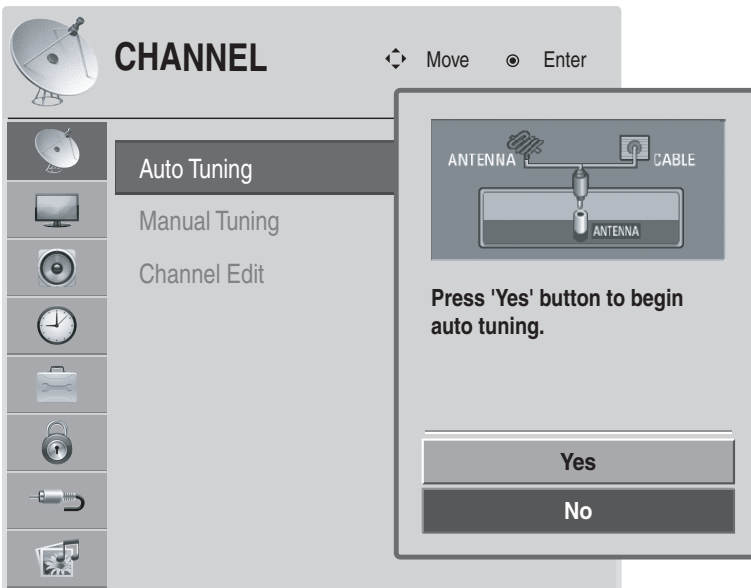
MENU ADJUSTMENTS

On-Screen Menus Selection

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

1 MENU ⌄⌃⟨⟩   Display each menu.

3 ENTER   Accept the current selection.

2 ENTER ⌄⌃   Select a menu item.

4 RETURN   Return to TV viewing.

CHANNEL
CHANNEL   ✛ Move   ◉ Enter

Auto Tuning
Manual Tuning
Channel Edit

PICTURE
PICTURE   ✛ Move   ◉ Enter

Aspect Ratio	: Full
Energy Saving	: Auto
Picture Mode	: Vivid
• Backlight	100
• Contrast	100
• Brightness	50
• Sharpness	70
• Color	70

AUDIO
AUDIO   ✛ Move   ◉ Enter

Balance	0
Sound Mode	: Standard
• Treble	50
• Bass	50
• Reset	
TV Speakers	: On
Digital Audio Out	: PCM
Analog Audio Out	: Variable

TIME
TIME   ✛ Move   ◉ Enter

Clock	-- -- ---- --:-- --
Off Time	: Off
On Time	: Off
Sleep Timer	: Off
Auto Sleep	: Off

OPTION
OPTION   ✛ Move   ◉ Enter

Language	English
Input Label	
Key Lock	: Off
Caption	: Off
Initial Setting	

LOCK
LOCK   ✛ Move   ◉ Enter

Lock System	: Off
Set Password	
Block Channel	
Movie Rating	
TV Rating-Children	
TV Rating-General	
Downloadable Rating	
Input Block	

Input ⬦ Move ◉ Enter

TV
AV
Component
RPG-PC
HDMI1
HDMI2

USB ⬦ Move ◉ Enter

PHOTO LIST
MUSIC LIST

* HDMI 3: For 47LD500

Quick Menu

Your TV's OSD (On Screen Display) may differ slightly from what is shown in this manual. Q.Menu (Quick Menu) is a menu of features which users might use frequently.

Q.Menu

⬌ Aspect Ratio	◄ **Full** ►
☀ Backlight	**5**
👁 Picture Mode	**Standard**
♪ Sound Mode	**Standard**
▢ Caption	**Off**
⦿ SAP	**Mono**
🕙 Sleep Timer	**Off**
CH Del/Add/Fav	**Add**

Close
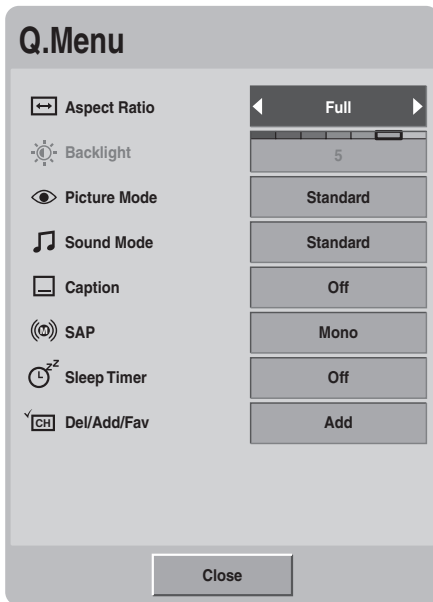
① **Q.MENU** Display Quick menu.

② ⌄⌃ Select a menu item.

③ ‹ › Choose the setting.

④ **ENTER** Accept the current selection and return to TV viewing.

⇨ **Aspect Ratio:** Selects your desired picture format.

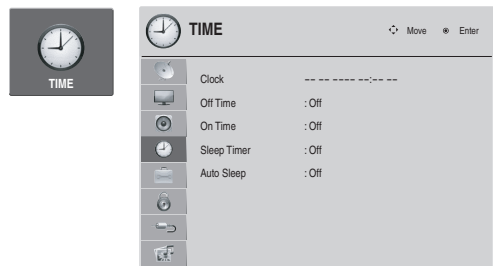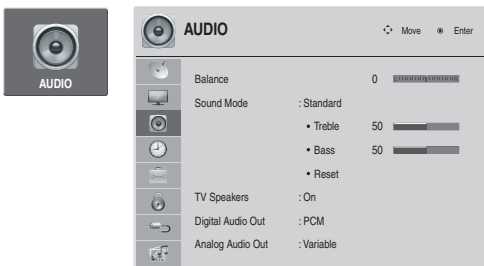⇨ **Picture Mode:** Selects the desired preset picture setting.

⇨ **Sound Mode:** Selects the desired preset sound setting.

⇨ **Caption:** Sets the caption mode to on or off.

⇨ **SAP:** Selects MTS sound.

  ❏ Analog TV: Mono / Stereo / SAP

  ❏ Digital TV: English / French / Spanish / Korean / Japanese / Chinese / German / Italian / Russian

⇨ **Sleep Timer:** Turns the TV off at the preset time.

⇨ **Del/Add/Fav:** Selects channel you want to add, delete, or add to the Favorite list.

MENU ADJUSTMENTS

Channel Menu

The Channel menu offers options to setup of your television to receive TV channels.

CHANNEL ✧ Move ◉ Enter	**CHANNEL** ✧ Move ◉ Enter
Auto Tuning	Auto Tuning
Manual Tuning	Manual Tuning
Channel Edit	Channel Edit
	ANTENNA / CABLE ANTENNA
	Press 'Yes' button to begin auto tuning.
	Yes
	No
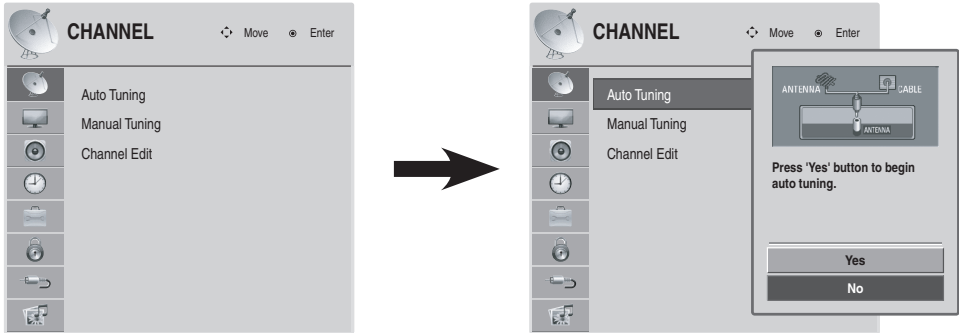
1	MENU ENTER ◉	Display **CHANNEL** menu.
2	∧ ∨ ENTER ◉	Select a menu item.
3	∧ ∨ < > ENTER ◉	Set the setting.
4	RETURN	Return to TV viewing.

⇨ **Auto Tuning**

❒ Automatically finds all channels available through antenna or cable inputs, and stores them in memory on the channel list.

❒ Run this function if you change your residence or move the TV.

❒ Auto Tuning memorizes only the channels available at the time.

❒ Found channels are grouped in the order of DTV, TV, Cable DTV (CADTV) and Cable TV (CATV).

⇨ **Manual Tuning**

❒ When selecting DTV or Cable DTV input signal in Manual Tuning, you can view the on-screen signal strength monitor to see the quality of the signal being received.

❒ Select the channel type and RF-channel number. Then select **Add** or **Delete**.

⇨ **Channel Edit**

❒ The channels in the Channel Edit List are displayed in black and the channels deleted from the Channel Edit List are displayed in gray.

❒ When a channel number is deleted, it means that you will be unable to select it using CHANNEL button during TV viewing. If you wish to select the deleted channel, directly enter the channel number with the NUMBER buttons or select it in the **Channel Edit** menu.

Picture Menu

The Picture menu offers options to enhance and refine the picture displayed on your TV based on ambient room light and personal preferences.

PICTURE	⟷ Move ⊚ Enter
Aspect Ratio	: Full
Energy Saving	: Auto
Picture Mode	: Vivid
• Backlight	100
• Contrast	100
• Brightness	50
• Sharpness	70
• Color	70

PICTURE	⟷ Move ⊚ Enter	
Aspect Ratio	: Full	
Energy Saving	: Auto	Set By Program
Picture Mode	: Vivid	4:3
• Backlight	100	16:9
• Contrast	100	Full ⊚
• Brightness	50	Zoom1
• Sharpness	70	Zoom2
• Color	70	Just Scan
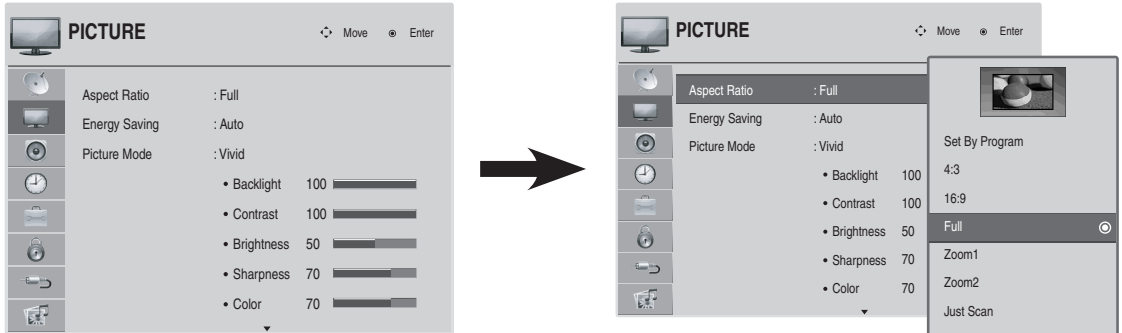
1 MENU / ENTER — Display **PICTURE** menu.

2 ENTER — Select a menu item.

3 / ENTER — Set the setting.

4 RETURN — Return to TV viewing.

⇨ **Aspect Ratio**

❑ This feature lets you choose the way an analog picture with a 4:3 aspect ratio is displayed on your TV. You can select a different aspect ratio depending on input source (analog broadcasting, digital broadcasting, aux).

⇨ **Energy Saving**

❑ It reduces the TV's power consumption by lowering the backlight level.

❑ You can increase the brightness of your screen by adjusting the Energy Saving level.

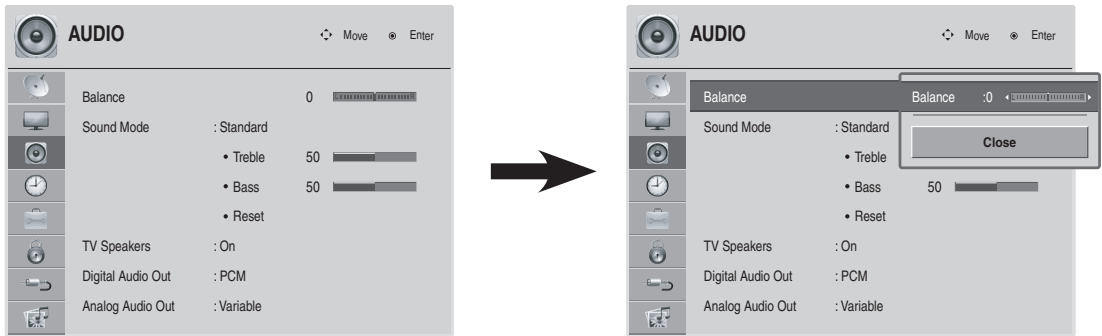❑ **Backlight** feature will only work if you adjust "**Energy Saving- Off**".

⇨ **Picture Mode**

❑ **Vivid**, **Standard**, **Cinema**, **Sport**, and **Game** settings are preset for the optimum picture quality at the factory.

❑ You can use a preset, change each setting manually.

⇨ **Backlight:** This function adjusts the brightness of the backlight behind the LCD screen. Adjusting the backlight is recommended when setting the brightness of the TV. When decreasing the backlight, the brightness of the black becomes darker without any loss in video signal and the power consumption is reduced.

⇨ **Contrast:** Increases or decreases the gradient of the video signal. You may use Contrast when the bright part of the picture is saturated.

⇨ **Brightness:** Adjusts the base level of the signal in the picture. You may use Brightness when the dark part of the picture is saturated.

MENU ADJUSTMENTS

⇨ **Sharpness:** Adjusts the level of crispness in the edges between the light and dark areas of the picture. The lower the level, the softer the image.

⇨ **Color:** Adjusts intensity of all colors.

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

⇨ **Advanced Control:** Allows you to adjust some of the advanced features of your LG display such as **Color Temperature**, **Fresh Contrast**, **Fresh Color**, **Noise Reduction**, **Gamma**, **Black Level**, and **Real Cinema** settings.

⇨ **Reset:** Returns to factory default settings.

Audio Menu

The Audio menu offers options to enhance and refine the sound setting on your TV based on personal preferences.

AUDIO		⟡ Move ◉ Enter
Balance	0	
Sound Mode	: Standard	
• Treble	50	
• Bass	50	
• Reset		
TV Speakers	: On	
Digital Audio Out	: PCM	
Analog Audio Out	: Variable	

AUDIO		⟡ Move ◉ Enter
Balance	Balance	:0
Sound Mode	: Standard	**Close**
• Treble		
• Bass	50	
• Reset		
TV Speakers	: On	
Digital Audio Out	: PCM	
Analog Audio Out	: Variable	

1 MENU / ENTER — Display **AUDIO** menu.

2 ENTER — Select a menu item.

3 ENTER — Set the setting.

4 RETURN — Return to TV viewing.

⇨ **Balance**

❒ Adjusts the left/right sound of speaker to suit your taste and room situations.

⇨ **Sound Mode**

❒ **Standard**, **Music**, **Cinema**, **Sport**, and **Game** are preset for optimum sound quality at the factory.

⇨ **Treble:** Adjusts the high frequency intensity setting.

⇨ **Bass:** Adjusts the low frequency intensity setting.

⇨ **Reset:** Returns to factory default settings.

⇨ **TV Speakers**

❒ If you wish to use an external Hi-Fi system, turn off the TV's internal speakers.
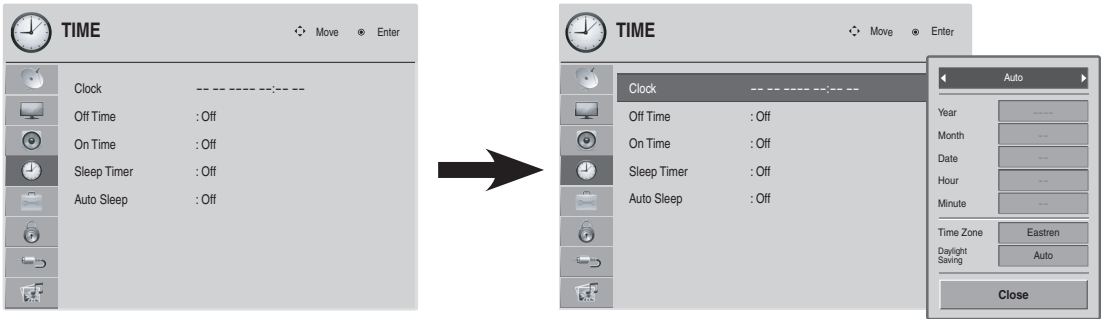
⇨ **Digital Audio Out**

❒ Sets the digital audio out setting.

⇨ **Analog Audio Out**

❒ Sets the analog audio out setting.

Time Menu

The Time menu offers options to adjust the time setting, set the TV turn/off time, sleep timer, and auto sleep.

1	MENU ∧ ⟨ ⟩ ∨ ENTER	Display **TIME** menu.
2	∧ ∨ ENTER	Select a menu item.
3	∧ ⟨ ⟩ ∨ ENTER	Set the setting.
4	RETURN	Return to TV viewing.

⇨ **Clock**

❒ Adjusts the time settings on your TV.

❒ With **Auto** setting, the time is set automatically from a digital channel signal.

❒ If the current time setting is wrong, reset the clock manually.

⇨ **Off Time**

❒ Sets the time the TV will automatically be turned off.

❒ This function operates only if the current time has been set.

⇨ **On Time**

❒ Sets the time the TV will automatically be turned on.

❒ This function operates only if the current time has been set.

❒ The TV must be in standby mode for the **On Time** to work.

❒ If you do not press any button within 2 hours after the TV turns on with the **On Time** function, the TV will automatically revert to standby mode.

⇨ **Sleep Timer**

❒ Turns the TV off at the preset time.

⇨ **Auto Sleep**
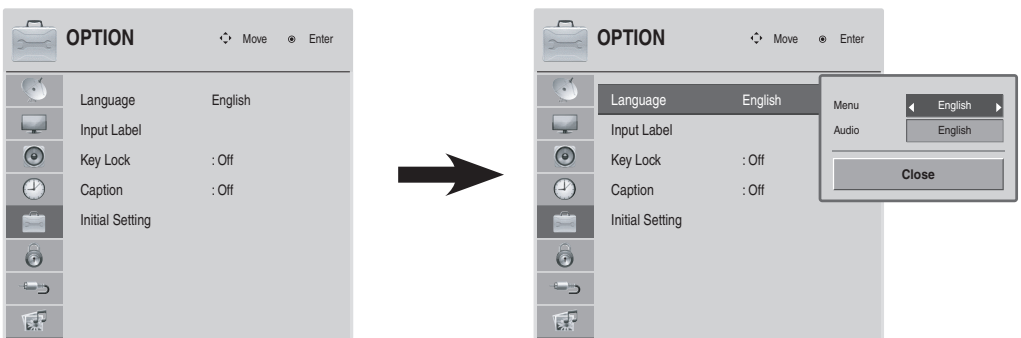
❒ If sets "Auto Sleep" to "On", the TV will automatically turn off in case of:

⇨ TV without signal: You do not press any remote control / TV buttons within 10 minutes.

⇨ TV with signal: You do not press any remote control / TV buttons within 2 hours.

Option Menu

The Option menu offers options to set the TV operating environment.

	OPTION	◇ Move ◉ Enter
	Language	English
	Input Label	
	Key Lock	: Off
	Caption	: Off
	Initial Setting	

	OPTION	◇ Move ◉ Enter
	Language	English
	Input Label	
	Key Lock	: Off
	Caption	: Off
	Initial Setting	

Menu ◀ English ▶
Audio English
Close

1 MENU ∧∨<> ENTER — Display **OPTION** menu.

2 ∧∨ ENTER — Select a menu item.

3 ∧∨<> ENTER — Set the setting.

4 RETURN — Return to TV viewing.

⇨ **Language**

❒ Sets the on-screen menus and audio languages.

⇨ **Input Label**

❒ Sets the label for each input source.

⇨ **AV:** Input source from a VCR or other external equipment.

⇨ **Component:** Input source from DVD or a Digital set-top box.

⇨ **RGB-PC:** Input source from a computer.

⇨ **HDMI1/HDMI2/HDMI3*:** Input source from high definition (HD) devices.

* HDMI 3: For 47LD500

⇨ **Key Lock**

❒ Sets the key lock on or off.

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❒ If this function is set to **On**:
⇨ A password is required to gain access to this menu.
⇨ The TV is set up with the initial password "0-0-0-0".

⇨ **Caption**
❒ Captions are provided to help the hearing impaired watch TV. Select a caption mode for displaying captioning information if provided on a program. Analog caption displays information at any position on the screen and is usually the program's dialog. Caption/Text, if provided by the broadcaster, would be available for both digital and analog channels on the Antenna/Cable. This TV is programmed to memorize the caption/text mode which was last set when you turned the power off.
❒ This function is only available when **Caption Mode** is set **On**.
⇨ **Caption (CC1-4):** The term for the words that scroll across the bottom of the TV screen; usually the audio portion of the program provided for the hearing impaired.
⇨ **Text (Text1-4):** The term for the words that appear in a large black frame and almost cover the entire screen; usually messages provided by the broadcaster.
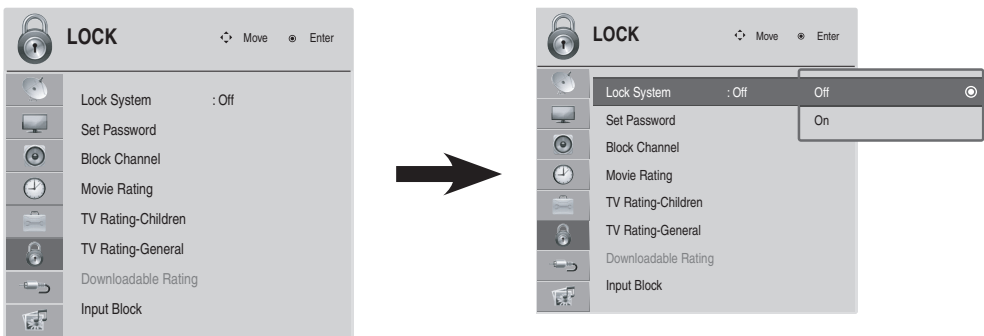
⇨ **Initial Setting**
❒ See "Initial Setting" (page 28).

Lock Menu

The Lock menu offers options to set up blocking schemes to block specific channels, ratings, and external viewing sources. A password is required to gain access to this menu.

⇨ The TV is set up with the initial password "0-0-0-0".

1. MENU / ENTER — Display **LOCK** menu.
2. Input the password.
3. ENTER — Select a menu item.
4. ENTER — Set the setting.
5. RETURN — Return to TV viewing.

⇨ **Lock System**

❒ Enables or disables the blocking scheme you set up previously.

⇨ **Set Password**

❒ Change the password by inputting a new password twice.

⇨ The TV is set up with the initial password "0-0-0-0".

⇨ **Block Channel**

❒ Blocks any channels that you do not want to watch or that you do not want your children to watch.

⇨ **Movie Rating**

❒ Blocks movies according to the movie ratings limits specified, so children cannot view certain movies. You can set the ratings limit by blocking out all the movies with the ratings above a specified level. Keep in mind that the movie ratings limit only applies to movies shown on TV, not TV programs, such as soap operas.

❒ **Movie Rating** block options:

⇨ **G** (General audience)

⇨ **PG** (Parental guidance suggested)

⇨ **PG-13** (Parents strongly cautioned)

⇨ **R** (Restricted)

⇨ **NC-17** (No one 17 and under admitted)

⇨ **X** (Adult only)

⇨ **Blocking Off** (Permits all programs)

⇨ If you set **PG-13**: **G** and **PG** movies will be available, **PG-13**, **R**, **NC-17** and **X** will be blocked.

⇨ **TV Rating-Children**

❒ Prevents children from watching certain children's TV programs, according to the ratings limit set. The children rating does not apply to other TV programs. Unless you block certain TV programs intended for mature audiences in the TV Rating - sub menu, your children can view those programs.

❒ **TV Rating-Children** block options:

⇨ **Age** (applies to TV-Y, TV-Y7)

⇨ **Fantasy Violence** (applies to TV-Y7)

⇨ **TV Rating-General**

❒ Based on the ratings, blocks certain TV programs that you and your family do not want to view.

❒ **TV Rating-General** block options:

⇨ **Age** (applies to TV-G, TV-PG, TV-14, TV-MA).

⇨ **Dialogue**-sexual dialogue (applies to TV-PG, TV-14).

⇨ **Language**-adult language (applies to TV-PG, TV-14, TV-MA).

⇨ **Sex**-sexual situations (applies to TV-PG, TV-14, TV-MA).

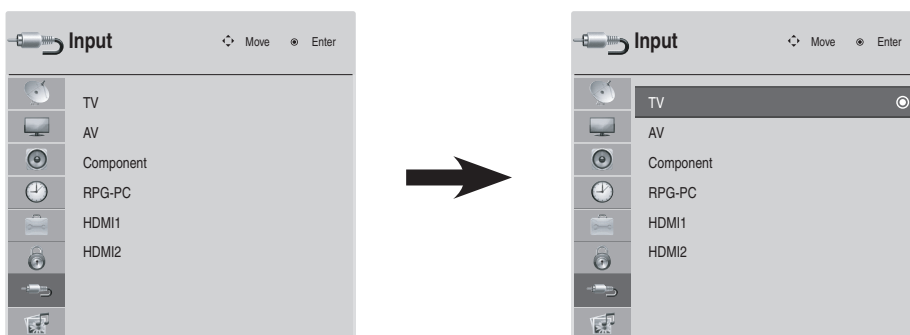⇨ **Violence** (applies to TV-PG, TV-14, TV-MA).

⇨ **Downloadable Rating**

❒ This function is available only for digital channels.

❒ This function operates only when TV has received Region5 Rating data.

⇨ **Input Block**

❒ Enables you to block an input.

Input Menu

The Input menu offers options to select the desired input source.

① Display **INPUT** menu.	③ Return to TV viewing.
② Select the desired input source.	

⇨ **TV:** Select it to watch over-the-air, cable and digital cable broadcasts.

⇨ **AV:** Select them to watch a VCR or other external equipment.

⇨ **Component:** Select them to watch DVD or a Digital set-top box.

⇨ **RGB-PC:** Select it to view PC input.

⇨ ~~HDMI1/HDMI2/HDMI3*:~~ Select them to watch high definition devices.

    * HDMI 3: For 47LD500

USB Menu

The USB menu will open automatically when you insert a USB drive. USB can also be accessed by choosing USB in the user menu.
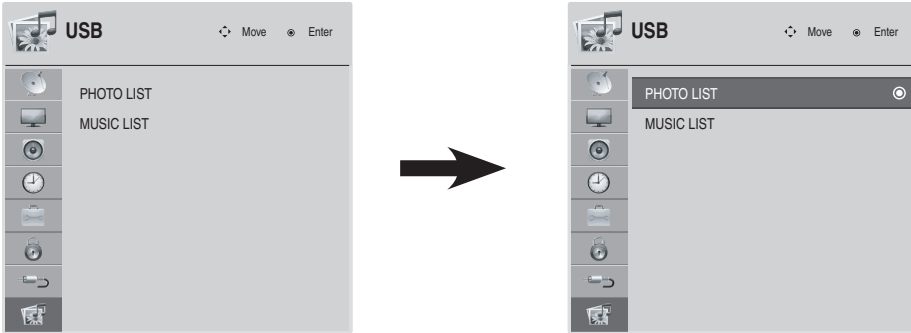
USB	◇ Move ◉ Enter
PHOTO LIST	
MUSIC LIST	

USB	◇ Move ◉ Enter
PHOTO LIST	◉
MUSIC LIST	

1 Connect the USB device to the USB IN jack on the side of TV.

2 MENU / ENTER → Display **USB** menu.

3 ENTER → Select **PHOTO LIST** or **MUSIC LIST**.

4 RETURN → Return to TV viewing.

⇨ **PHOTO LIST**

Supported photo file: *.JPG

🗁 Baseline: 64 pixel (width) x 64 pixel (height) to 15360 pixel (width) x 8640 pixel (height)

🗁 Progressive: 64 pixel (width) x 64 pixel (height) to 1920 pixel (width) x 1440 pixel (height)

🗁 You can play JPEG files only.

🗁 Non-supported files are displayed in the form of predefined icon.

/	P0001001.jpg	0001/0005

P0001001.jpg   P0001002.jpg   P0001003.jpg   P0001004.jpg   P0001005.jpg

◉ Enter   ◀▶▲▼ Select   RETURN Exit   MENU

❒ To display the image on the screen in full size, select the desired image file and press the ENTER button.

MENU ADJUSTMENTS

❒ Press the MENU button to more options:

⇨ **Slideshow Mode:** Selects the slideshow mode.

⇨ **Slideshow With Music:** Selects the slideshow mode with music.

⇨ **Music file list:** Selects the audio file that will be playback during the slideshow.

⇨ **Repeat:** Sets the repeat mode to on or off.

⇨ **Sort By:** Selects the file sorting type.

⇨ **Duration:** Sets the time interval of the slide show.

⇨ **Slideshow Effect:** Selects the slideshow transition effect.

⇨ **Thumbnail Size:** Selects the thumbnail size.

⇨ **Info:** Sets the information to on or off.

P0001001.jpg	0001/0005
Photo ✧ Move ⊙ Enter	P0001004.jpg P0001005.jpg
Slideshow Mode	Sequence ⊙
Slideshow With Music	Off
Repeat	Off
Sort By	Photo Date
Duration	R5
Slideshow Effect	Random
Thumbnail Size	Small
Info	Off
⊙ Enter ◀▶⬆⬇ Select RETURN Exit MENU	
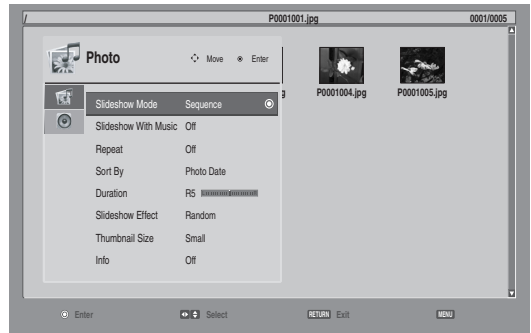
⇨ **MUSIC LIST**

MUSIC (*.MP3) supporting file

Bit rate 32 Kbps - 320 Kbps

🗀 Sampling rate MPEG1 Layer3: 32 kHz, 44.1 kHz, 48 kHz

🗀 Sampling rate MPEG2 Layer3: 16 kHz, 22.05 kHz, 24 kHz

🗀 Sampling rate MPEG2.5 Layer3: 8 kHz, 11.025 kHz, 12 kHz

File Name	Title	Genre	Artist	Album
A Song About U.mp3	A Song About U	Pop	Britney Spears	Blackout
Been A While.mp3	Been A While	Pop	Britney Spears	Blackout
Get Back.mp3	Get Back	Pop	Britney Spears	Blackout
Everybody.mp3	Everybody	Pop	Britney Spears	Blackout

⊙ Enter   ◀▶⬆⬇ Select   RETURN Exit   MENU

❒ To start music playback, select the desired audio file and press the ENTER button.

❒ Press the MENU button to more options:

⇨ **Sort By:** Selects the file sorting type.

⇨ **Play Mode:** Selects the play mode.

⇨ **Repeat:** Sets the repeat mode to on or off.

⇨ **Info:** Sets the information to on or off.

		A Song About U		0001/0008
File Name	Title	Genre	Artist	Album
Music ✧ Move ⊙ Enter		Pop	Britney Spears	Blackout
		Pop	Britney Spears	Blackout
Sort By	Title/File ⊙	Pop	Britney Spears	Blackout
Play Mode	Sequence	Pop	Britney Spears	Blackout
Repeat	Off			
Info	Off			
⊙ Enter ◀▶⬆⬇ Select RETURN Exit MENU				

APPENDIX

Troubleshooting

Abnormal Operation	
The remote control doesn't work	⇨ Check to see if there is any object between the product and the remote control causing obstruction. Ensure you are pointing the remote control directly at the TV. ⇨ Ensure that the batteries are installed with correct polarity (+ to +, - to -). ⇨ Ensure that the correct remote operating mode is set: TV, VCR etc. ⇨ Install new batteries.
TV turns off suddenly	⇨ Is the sleep timer set? ⇨ Check the power control settings. Power interrupted. ⇨ If there is no signal, the TV turns off automatically in 10 minutes.

Video Problems	
No picture &No sound	⇨ Check whether the product is turned on. ⇨ Try another channel. The problem may be with the broadcast. ⇨ Is the power cord inserted into wall power outlet? ⇨ Check your antenna direction and/or location. ⇨ Test the wall power outlet, plug another product's power cord into the outlet where the product's power cord was plugged in.
Picture appears slowly after switching on	⇨ This is normal, the image is muted during the product startup process. Please contact your service center, if the picture has not appeared after five minutes.
No or poor color or poor picture	⇨ Adjust Color in menu option. ⇨ Keep a sufficient distance between the product and the VCR. ⇨ Try another channel. The problem may be with the broadcast. ⇨ Are the video cables installed properly? ⇨ Activate any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	⇨ Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	⇨ Station or cable product experiencing problems, tune to another station. ⇨ Station signal is weak, reorient antenna to receive weaker station. ⇨ Check for sources of possible interference.

Video Problems	
Lines or streaks in pictures	➪ Check antenna (Change the direction of the antenna).
No picture when connecting HDMI	➪ If an HDMI cable doesn't support High Speed HDMI, it can cause flickers or no screen display. In this case use the latest cables that support High Speed HDMI.

Audio Problems	
No output from one of the speakers	➪ Adjust Balance in menu option.
Unusual sound from inside the product	➪ A change in ambient humidity or temperature may result in an unusual noise when the product is turned on or off and does not indicate a fault with the product.
No sound when connecting HDMI/ USB	➪ Check High Speed HDMI cable. ➪ Check USB cable over version 2.0. ➪ Use normal MP3 file. *This feature is not available for all models.

PC Mode Problems	
The signal is out of range	➪ Adjust Balance in menu option.
Screen color is unstable or single color	➪ Check the signal cable. ➪ Reinstall the PC video card.
When connecting the HDMI cable to the PC, there is no audio.	➪ Check the manual for the video card in the PC to see if it supports HDMI audio and how to set it up properly.

APPENDIX

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you can enjoy your new TV.

Caution: Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the Screen

1 Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.

2 Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the Cabinet

❒ To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth.

❒ Please be sure not to use a wet cloth.

Extended Absence

⚠ **CAUTION**

⇨ If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

Product Specifications

Models	32LD400	42LD400	47LD500
Resolution	1920 x 1080		
Brightness (cd/m^2)	500		
Contrast Ratio	1400:1	1450:1	1450:1
Number of Colors	8 bit, 16.7M	8 bit, 16.7M	1.06B colors @ 10 bit Color Depth (D)
Actual Diagonal Viewable Size (in)	31.55	42.02	46.96
Viewing Angle (deg)	178 (horizontal/vertical)		
Display Compatibility	1080P (FHDTV)		
Voltage Range	100~240 Vac at 50/60 Hz		
Power-On Consumption	77W	115W	138W
Standby Power Consumption	< 1W		
Dimensions (Width x Height x Depth) — With stand	791 x 561 x 210mm (31.1" x 22.1" x 8.3")	1018.5 x 692.7 x 245.8mm (40.1" x 27.3" x 9.7")	1136.6 x 759.81 x 245.78mm (44.7" x 29.9" x 9.7")
Dimensions (Width x Height x Depth) — Without stand	791 x 506 x 82mm (31.1" x 19.9" x 3.2")	1018.5 x 632 x 93.6mm (40.1" x 24.9" x 3.7")	1136.6 x 698.83 x 88.1mm (44.7" x 27.5" x 3.5")
Weight — With stand	9.9 kg (21.83 lb)	15 kg (33 lb)	20.3 kg (44.7 lb)
Weight — Without stand	9.36 kg (20.62 lb)	14.2 kg (31.3 lb)	18 kg (39.6 lb)
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)		
Operating Humidity	Less than 80 %		
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)		
Storage Humidity	Less than 85 %		

* The specifications shown above may be changed without prior notice for quality improvement.

APPENDIX

The model and serial number of the TV is located on the back and one side of the TV.
Record it below should you ever need service.

MODEL _____

SERIAL _____