VESA WALL MOUNTING

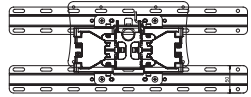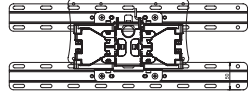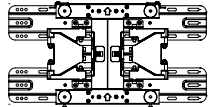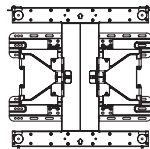Install your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest installer.

If installed on a ceiling or slanted wall, it may fall and result in severe personal injury.

We recommend that you use an LG brand wall mount when mounting the TV to a wall.

LG recommends that wall mounting be performed by a qualified professional installer.

| Model	VESA (A * B)	Standard Screw	Quantity	Wall Mounting Bracket (sold separately)
19LE5300, 22LE5300, 22LE5500, 26LE5300, 26LE5500	100 * 100	M4	4	LSW100B, LSW100BG
32LE5300, 32LD420, 32LD450, 32LD520, 32LD452C	200 * 100	M4	4	LSW100B, LSW100BG
37LE5300, 37LD450, 37LD450C, 37LD452C, 42LE5300, 42LE530C, 42LE7300, 42LD450, 42LD450C, 42LD420, 42LD520, 42LD630, 42LD451C, 42LD452C 47LE5300, 47LE530C, 47LE7300, 47LD450, 47LD450C, 47LD420, 47LD520, 47LD630, 47LD451C, 47LD452C	200 * 200	M6	4	LSW200B, LSW200BG
55LE5300, 55LE530C, 55LE7300, 55LD520, 55LD520C, 55LD630	400 * 400	M6	4	LSW400B, LSW400BG, DSW400BG

🛈 NOTE

▶ Screw length needed depends on the wall mount used. For further information, refer to the instructions included with the mount.

▶ Standard dimensions for wall mount kits are shown in the table.

▶ When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.

▶ Do not use screws longer than the standard dimension, as they may cause damage to the inside to the TV.

▶ For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on their specifications.

▶ Do not use screws that do not comply with the VESA standard screw specifications.

Do not use fasten the screws too strongly, this may damage the TV or cause the TV to a fall, leading to personal injury. LG is not liable for these kinds of accidents.

▶ LG is not liable for TV damage or personal injury when a non-VESA or non specified wall mount is used or the consumer fails to follow the TV installation instructions.

⚠ CAUTION

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

For 26LE5300, 26LE5500
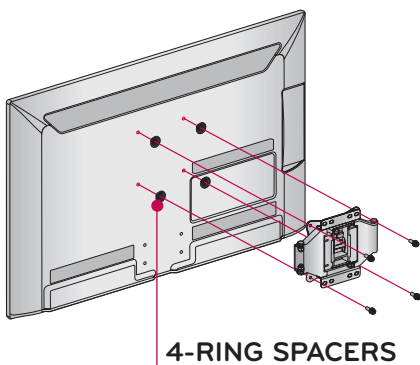
Place the ring spacers on the set before installing the wall mounting bracket so that the inclination of the backside of the set can be adjusted perpendicularly.

4-RING SPACERS

PREPARATION
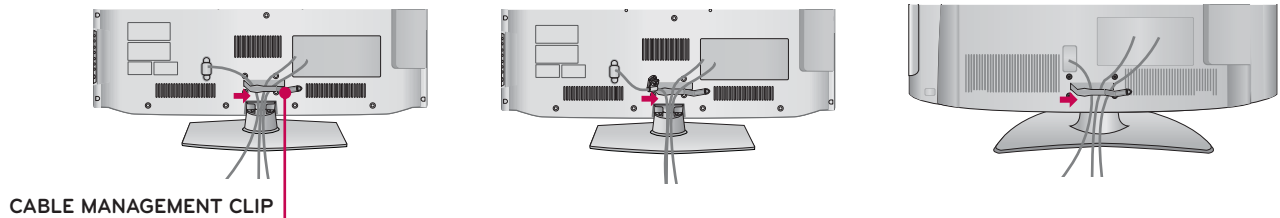
CABLE MANAGEMENT

■ Image shown may differ from your TV.

32/37/42/47LD450, 37/42/47LD450C, 32/42/47LD420, 32/42/47/55LD520, 55LD520C, 42/47/55LD630, 42/47LD451C, 32/37/42/47LD452C
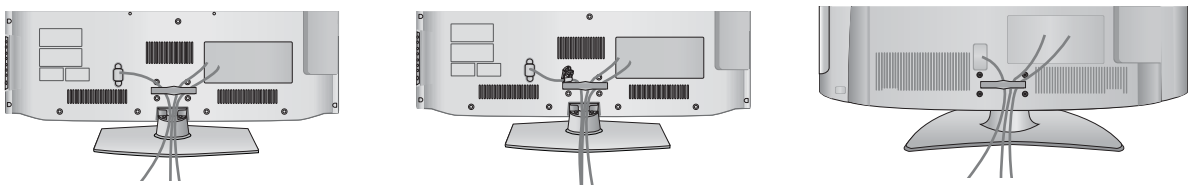
1 Connect the cables as necessary.
To connect additional equipment, see the **EXTERNAL EQUIPMENT SETUP** section.
For 37/42/47LD450C, 55LD520C, 32/37/42/47LD452C: Secure the power cord with the **PROTECTIVE BRACKET/SCREW** on the TV back cover. It will help prevent the power cable from being removed by accident.

PROTECTIVE BRACKET/SCREW
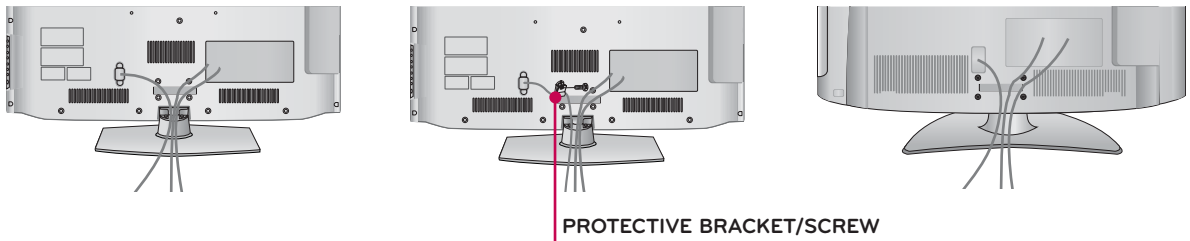
2 Open the **CABLE MANAGEMENT CLIP** as shown.
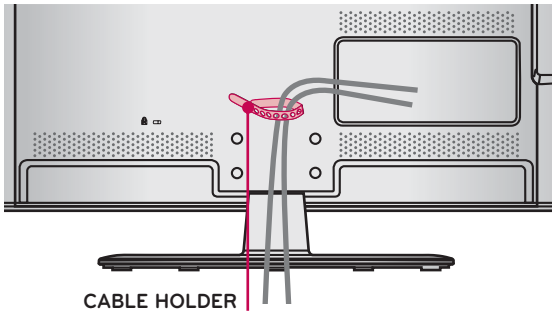
CABLE MANAGEMENT CLIP

3 Put the cables inside the **CABLE MANAGEMENT CLIP** and snap it closed.

19/22/26LE5300, 22/26LE5500

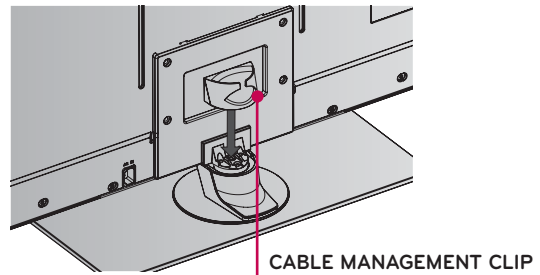**1** After connecting the cables as necessary, install the **CABLE HOLDER** as shown and bundle the cables.
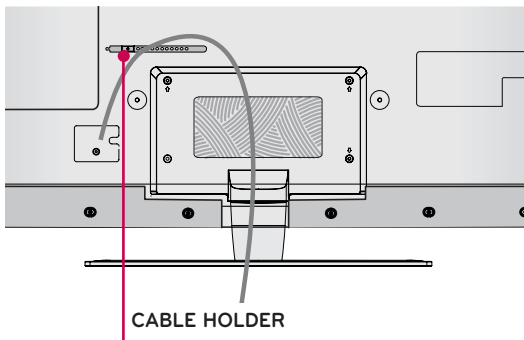
CABLE HOLDER

32/37/42/47/55LE5300, 42/47/55LE530C

**1** Secure the power cord with the **CABLE HOLDER** on the TV back cover.

It will help prevent the power cable from being removed by accident.

CABLE HOLDER

2 After connecting the cables as necessary, install the **CABLE HOLDER** as shown and bundle the cables.

CABLE HOLDER

42/47/55LE7300

FOR DESK-TYPE STAND

1 Install the **CABLE MANAGEMENT CLIP** as shown.
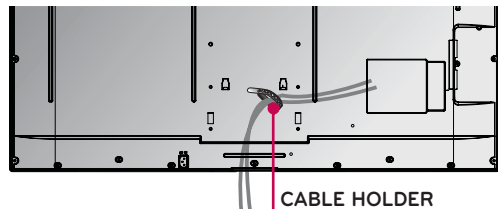
CABLE MANAGEMENT CLIP
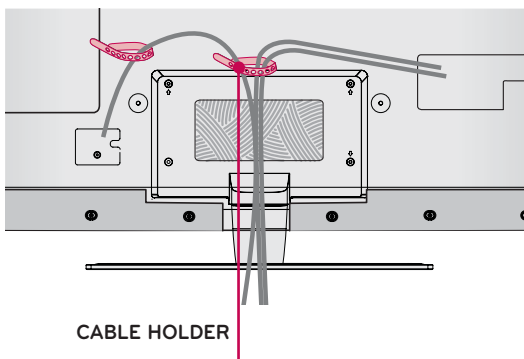
2 Connect the cables as necessary.

To connect additional equipment, see the **EXTERNAL EQUIPMENT SETUP** section.
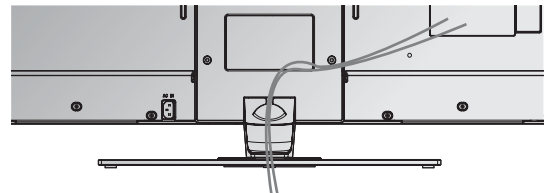
FOR WALL MOUNT

1 Connect the cables as necessary.

To connect additional equipment, see the **EXTERNAL EQUIPMENT SETUP** section.
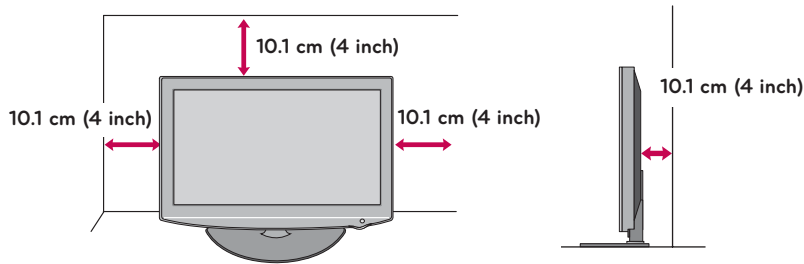
Install CABLE HOLDER as shown and bundle the cables.

CABLE HOLDER

DESKTOP PEDESTAL INSTALLATION

■ Image shown may differ from your TV.

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

10.1 cm (4 inch)

10.1 cm (4 inch)

10.1 cm (4 inch)

10.1 cm (4 inch)

⚠ CAUTION

► Ensure adequate ventilation by following the clearance recommendations.

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

SWIVEL STAND (Except 19/22LE5300, 22LE5500)

After installing the TV, you can adjust the TV set manually to the left or right direction by 20 ° to suit your viewing position.
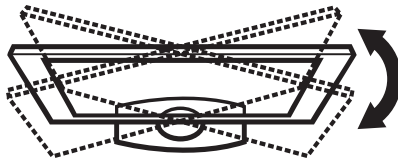
KENSINGTON SECURITY SYSTEM

■ This feature is not available for all models.

- The TV is equipped with a Kensington Security System con-nector on the back panel. Connect the Kensington Security System cable as shown below.
- For the detailed installation and use of the Kensington Security System, refer to the user's guide provided with the Kensington Security System.

  For further information, contact **http://www.kensington.com**, the internet homepage of the Kensington company. Kensington sells security systems for expensive electronic equipment such as notebook PCs and LCD projectors.

NOTE: The Kensington Security System is an optional accessory.
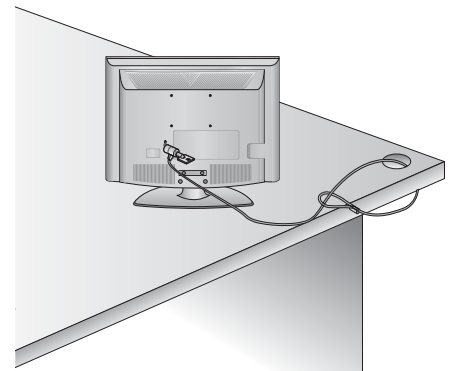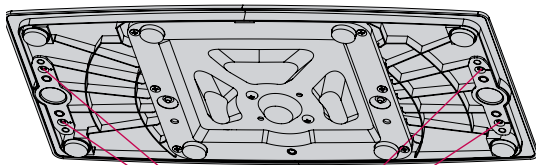
ATTACHING THE TV TO A DESK

(For 32/42LD420, 32/37/42LD450, 37/42LD450C, 32/42LD520, 42LD630, 32LE5300, 42LD451C, 32/37/42LD452C)

■ Image shown may differ from your TV.

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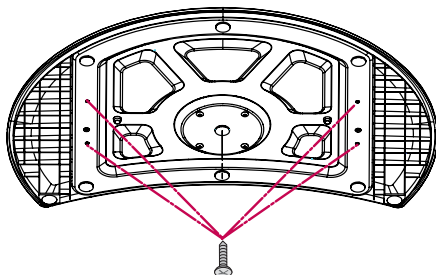
Stand

Desk

1-Screw
 (provided as parts of the product)
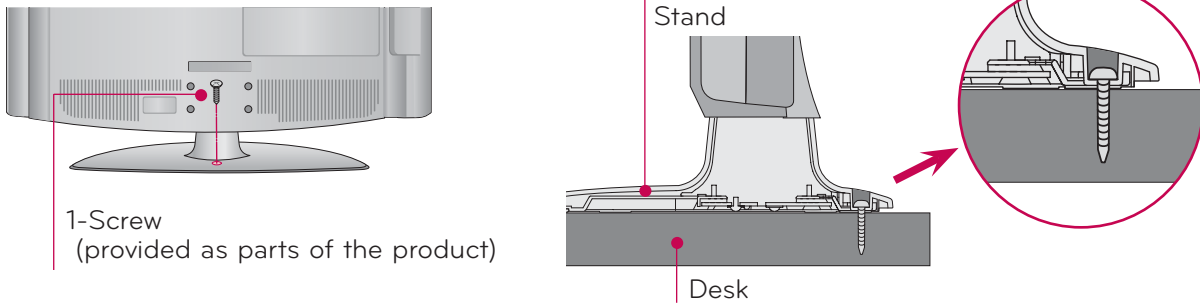
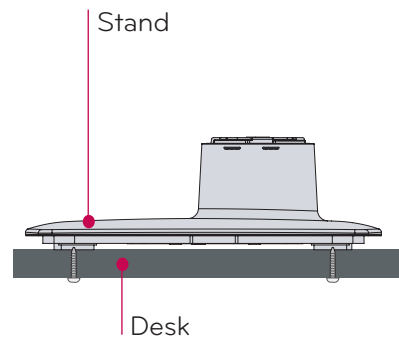
For 37/42/47LD450C, 32/37/42/47LD452C

4-Screws
(not provided as parts of the product)

Stand

Desk

For 55LD520C

4-Screws
(not provided as parts of the product)

▶ Recommended screw size: M5 x L (*L: Table depth + 8~10 mm)

ex) Table depth: 15mm, Screw: M5 x 25

⚠ WARNING

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

PREPARATION

## SECURING THE TV TO THE WALL TO PREVENT FALLING WHEN THE TV IS USED ON A STAND

■ You should purchase necessary components to prevent the TV from tipping over (when not using a wall mount).

■ Image shown may differ from your TV.

We recommend that you set up the TV close to a wall so it cannot fall over if pushed backwards.

Additionally, we recommend that the TV be attached to a wall so it cannot be pulled in a forward direction, potentially causing injury or damaging the product.

Caution: Please make sure that children don't climb on or hang from the TV.
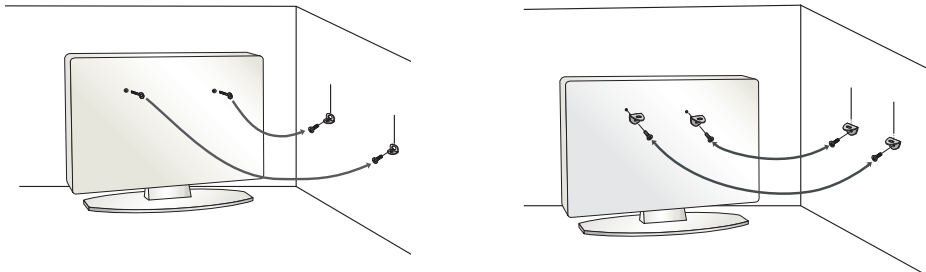
■ Insert the eye-bolts (or TV brackets and bolts) to tighten the product to the wall as shown in the picture.

* If your product has the bolts in the eye-bolts position before inserting the eye-bolts, loosen the bolts.

* Insert the eye-bolts or TV brackets/bolts and tighten them securely in the upper holes.

Secure the wall brackets with the bolts (sold separately) to the wall. Match the height of the bracket that is mounted on the wall to the holes in the product.

Ensure the eye-bolts or brackets are tightened securely.
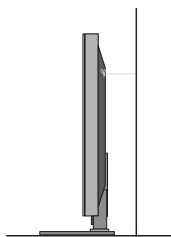
■ Use a sturdy rope (sold separately) to tie the product. It is safer to tie the rope so it becomes horizontal between the wall and the product.

🛈 NOTE

► Use a platform or cabinet strong enough and large enough to support the size and weight of the TV.

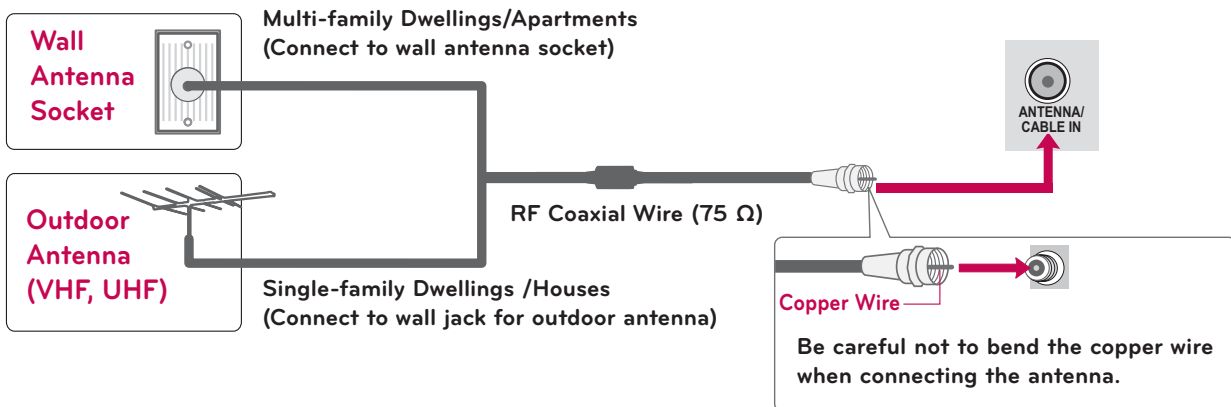► To use the TV safely make sure that the height of the bracket on the wall and the one on the TV are the same.

■ To prevent damage do not connect to the power outlet until all connections are made between the devices.

■ Image shown may differ from your TV.
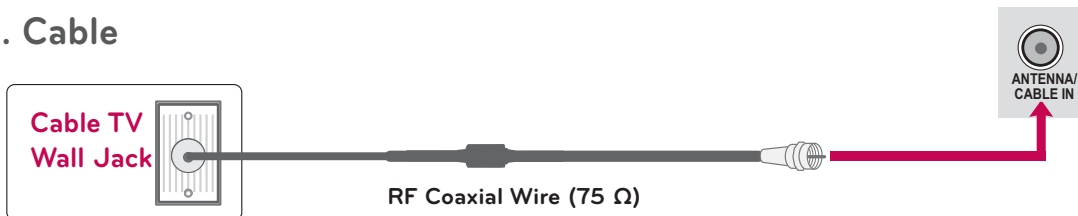
ANTENNA OR CABLE CONNECTION

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.

Wall Antenna Socket

Outdoor Antenna (VHF, UHF)

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

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

RF Coaxial Wire (75 Ω)

ANTENNA/ CABLE IN

Copper Wire

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

2. Cable

Cable TV Wall Jack

RF Coaxial Wire (75 Ω)

ANTENNA/ CABLE IN

■ 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

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, P_B, P_R) of the digital set-top box to the **COMPONENT IN VIDEO** or **1/2*** jacks on the TV. Match the jack colors (Y = green, P_B = blue, and P_R = red).

2 Connect the audio output of the digital set-top box to the **COMPONENT IN AUDIO** or **1/2*** jacks on the TV.
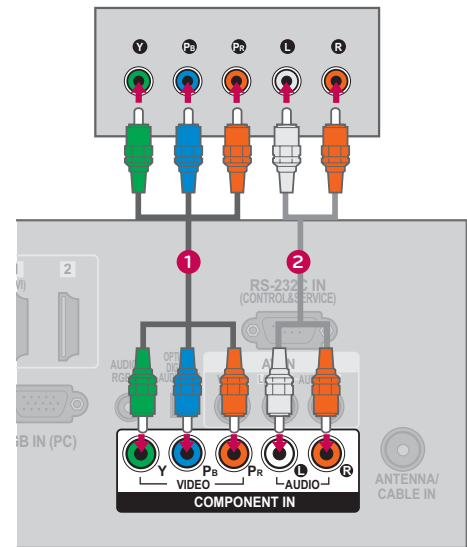
2. How to use

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

■ Select the **Component** or **Component1/2*** input source on the TV using the **INPUT** button on the remote control.

* Component2: For 32/37/42/47/55LE5300, 42/47/55LE7300, 42/47/55LE530C

Y, C_B/P_B, C_R/P_R

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

For 32/37/42/47/55LE5300, 42/47/55LE7300, 42/47/55LE530C

HDMI Connection

1. How to connect

1 Connect the digital set-top box to **HDMI/DVI IN 1**, **2**, **3***, or **4**** 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.)

■ Select the **HDMI1**, **HDMI2**, **HDMI3***, or **HDMI4**** input source on the TV using the **INPUT** button on the remote control.

* HDMI3: For 26LE5300, 26LE5500, 32/42/47/55LD520, 55LD520C, 42/47/55LD630
** HDMI4: For 32/37/42/47/55LE5300, 42/47/55LE7300, 42/47/55LE530C

ⓘ 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)
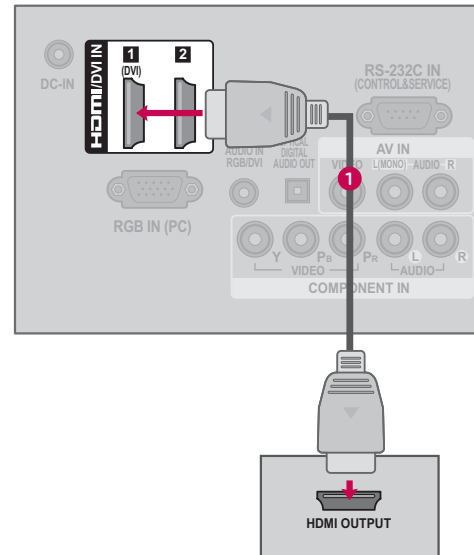
HDMI-DTV

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

EXTERNAL EQUIPMENT SETUP

DVI to HDMI Connection

1. How to connect

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

2 Connect the digital set-top box audio output to the **AUDIO IN (RGB/DVI)** 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.)
■ Select the **HDMI1** or **HDMI2*** input source on the TV using the **INPUT** button on the remote control.

* HDMI2: For 32/42/47/55LD520, 55LD520C, 42/47/55LD630

!️ 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.

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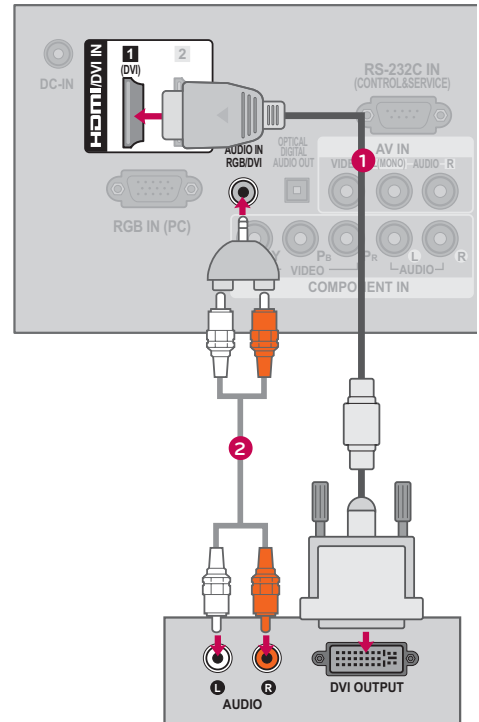
DVD SETUP

Component Connection

1. How to connect

1 Connect the video outputs (Y, P$_B$, P$_R$) of the DVD to the **COMPONENT IN VIDEO** or **1/2*** jacks on the TV. Match the jack colors (Y = green, P$_B$ = blue, and P$_R$ = red).

2 Connect the audio outputs of the DVD to the **COMPONENT IN AUDIO** or **1/2*** jacks on the TV.
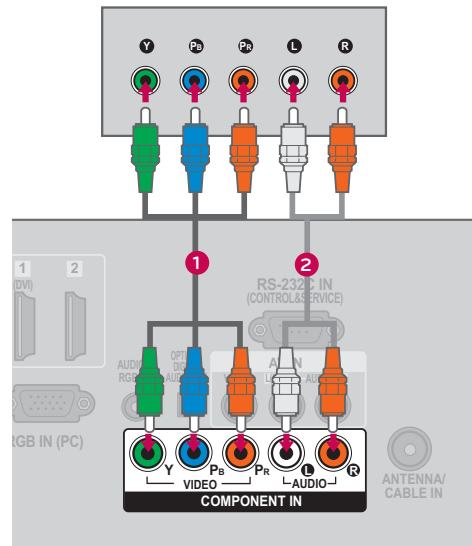
2. How to use

- Turn on the DVD player, insert a DVD.
- Select the **Component** or **Component1/2*** input source on the TV using the **INPUT** button on the remote control.
- Refer to the DVD player's manual for operating instructions.

* Component2: For 32/37/42/47/55LE5300, 42/47/55LE7300, 42/47/55LE530C

Component Input ports

To get better picture quality, connect a DVD player to the component input ports as shown below.

Component ports on the TV	Y	P$_B$	P$_R$
Video output ports on DVD player	Y	P$_B$	P$_R$
	Y	B-Y	R-Y
	Y	Cb	Cr
	Y	Pb	Pr

For 32/37/42/47/55LE5300, 42/47/55LE7300, 42/47/55LE530C
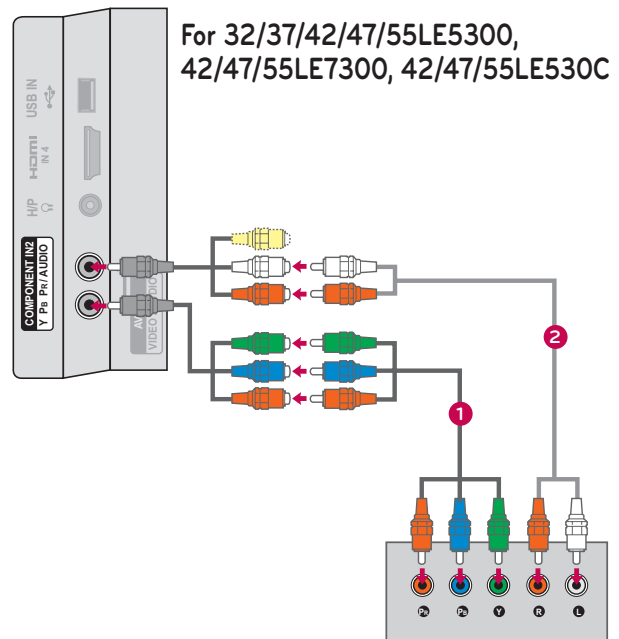
EXTERNAL EQUIPMENT SETUP

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)
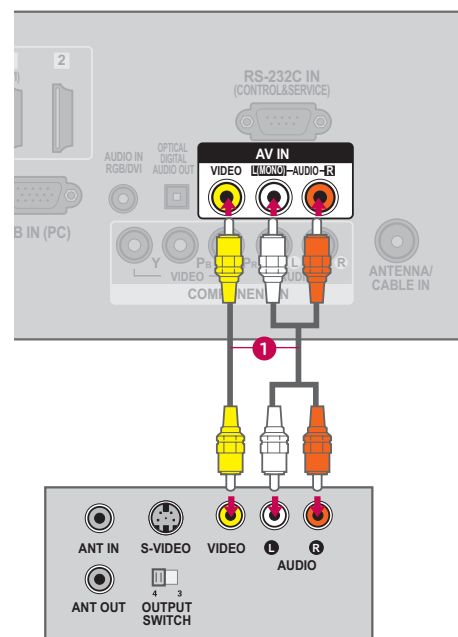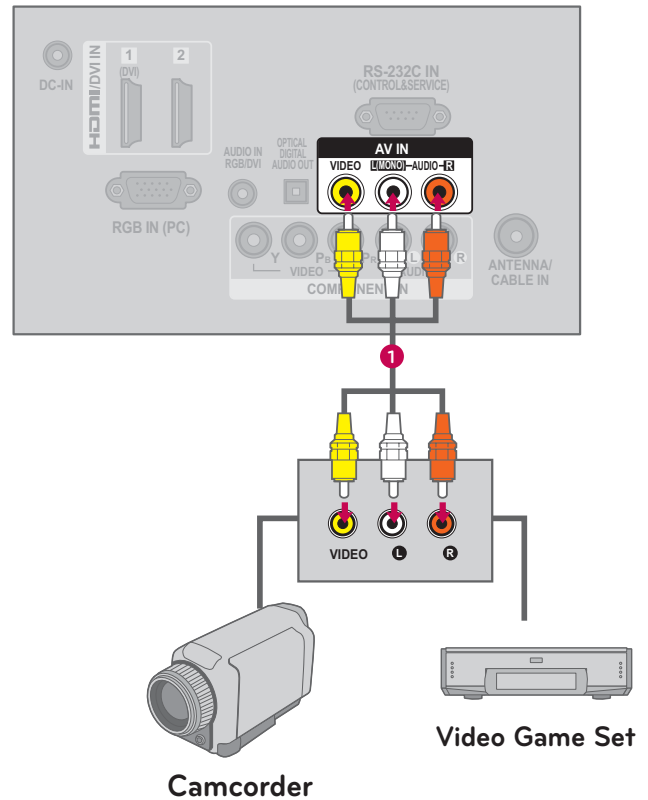
2. How to use

- Turn on the DVD player, insert a DVD.
- Select the **AV** or **AV1/2*** input source on the TV using the **INPUT** button on the remote control.
- Refer to the DVD player's manual for operating instructions.

* AV2: Except 19/22/26LE5300, 22/26LE5500
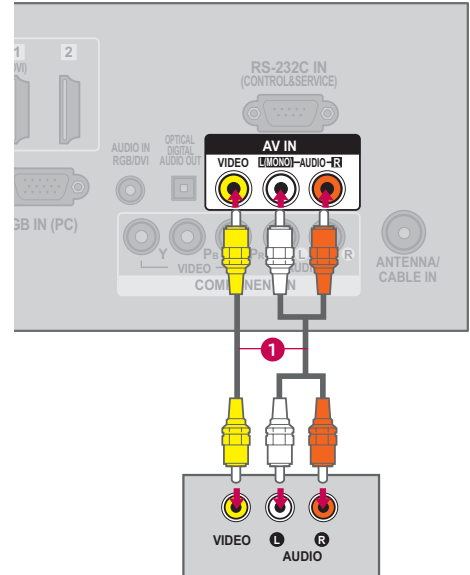
HDMI Connection

1. How to connect

1 Connect the HDMI output of the DVD to the **HDMI/DVI IN 1**, **2**, **3***, or **4**** jack on the TV.

2 No separate audio connection is necessary. HDMI supports both audio and video.

2. How to use

- Select the **HDMI1**, **HDMI2**, **HDMI3***, or **HDMI4**** input source on the TV using the **INPUT** button on the remote control.
- Refer to the DVD player's manual for operating instructions.

* HDMI3: For 26LE5300, 26LE5500, 32/42/47/55LD520, 55LD520C, 42/47/55LD630

** HDMI4: For 32/37/42/47/55LE5300, 42/47/55LE7300, 42/47/55LE530C

> **ⓘ 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)

40
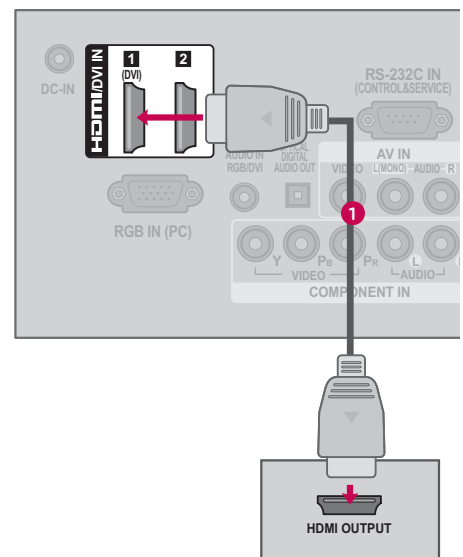
VCR SETUP

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.
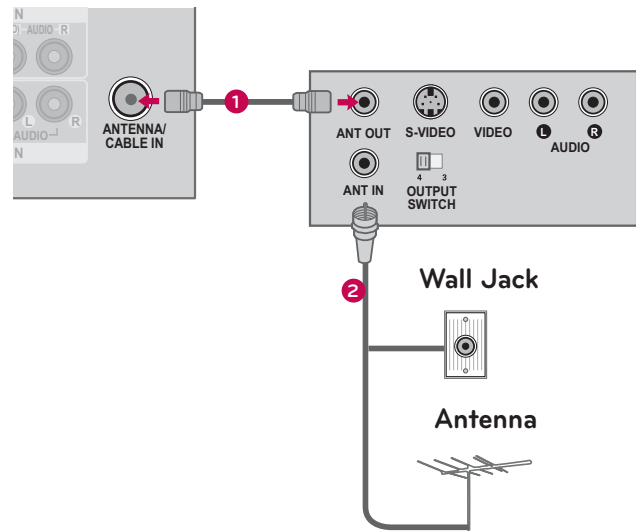
2. How to use

- 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** or **AV1/2*** input source on the TV using the **INPUT** button on the remote control.

* AV2: Except 19/22/26LE5300, 22/26LE5500

ⓘ 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

EXTERNAL EQUIPMENT 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** or **AV1/2*** input source on the TV using the **INPUT** button on the remote control.
■ Operate the corresponding external equipment.

* AV2: Except 19/22/26LE5300, 22/26LE5500

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. (▶ **p.78**)

USB IN

HDMI IN 3

H/P

or

Memory Key
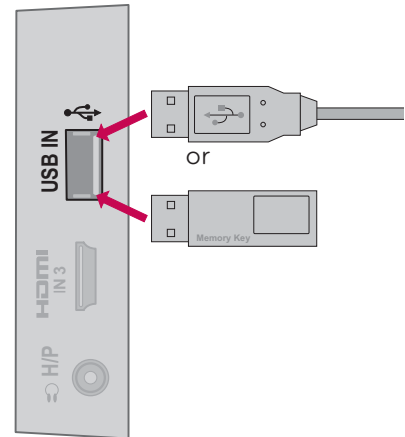
HEADPHONE SETUP (Except 37/42/47LD450C, 32/37/42/47LD452C)

You can listen to the sound through the headphone.

1. How to connect

1 Plug the headphone into the head-phone socket.

2 To adjust the headphone volume, press the **VOL +/-** button. If you press the **MUTE** button, the sound from the headphone is switched off.

H/P
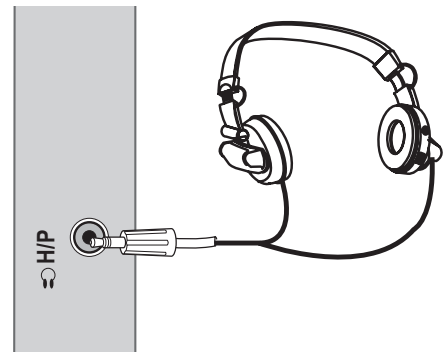
ⓘ NOTE

▶ AUDIO menu options are disabled when connecting a headphone.
▶ When changing AV MODE with a headphone connected, the change is applied to video but not to audio.
▶ Optical Digital Audio Out is not available when connecting a headphone.

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. (▶**p.119**). 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. (▶**p.119**)

⚠ 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.
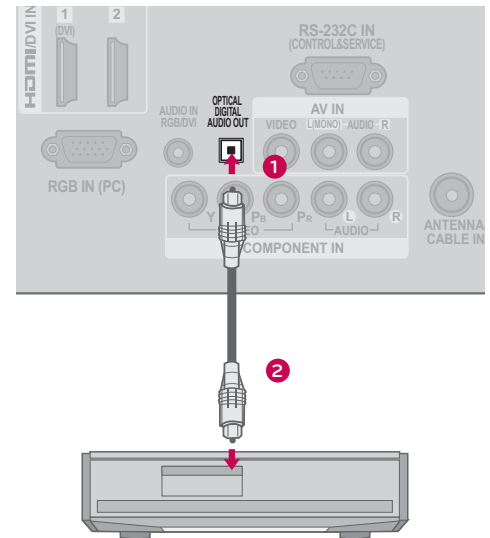
PC SETUP

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 **AUDIO IN (RGB/DVI)** 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.
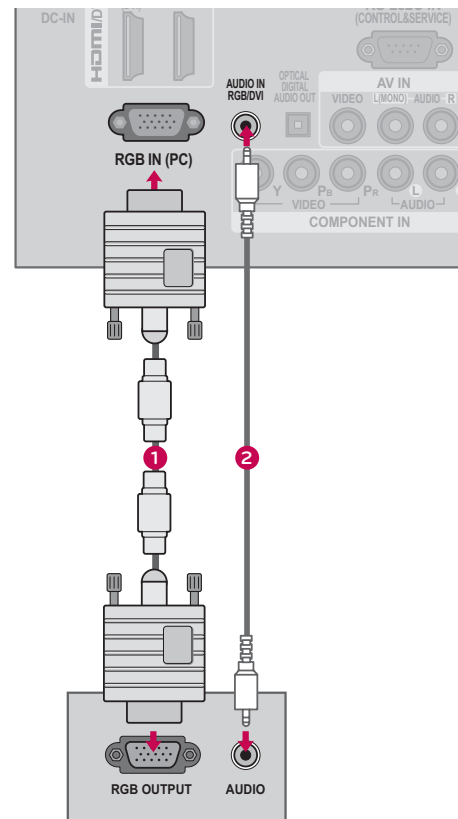
EXTERNAL EQUIPMENT SETUP

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 **AUDIO IN (RGB/DVI)** jack on the TV.

2. How to use

■ Turn on the PC and the TV.
■ Select the **HDMI1** or **HDMI2*** input source on the TV using the **INPUT** button on the remote control.

* HDMI2: For 32/42/47/55LD520, 55LD520C, 42/47/55LD630

46
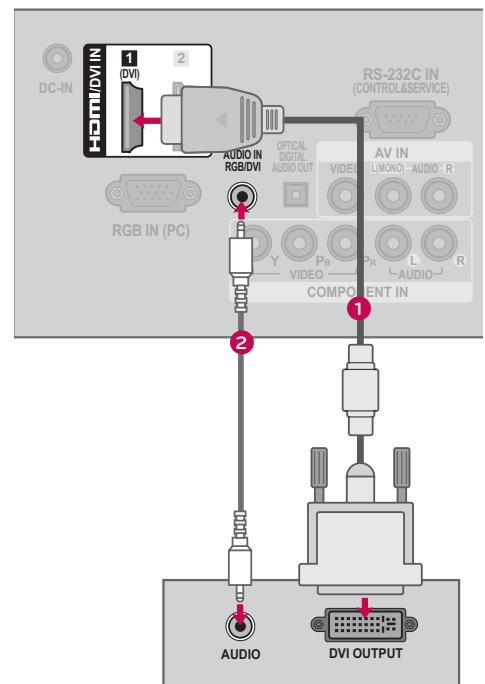
NOTE

▶ To get the the best picture quality, adjust the PC graphics card to **1360 x 768** (19/22/26LE5300, 22/26LE5500) or **1920 x 1080** (Other models).

▶ 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.

▶ When selecting HDMI-PC, set the "Input Label - PC" in the OPTION menu.

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
1280x1024	63.981	60.02
1600x1200	75.00	60.00
1920x1080 RGB-PC	66.587	59.934
1920x1080 HDMI-PC	67.50	60.00

Except 19/22/26LE5300, 22/26LE5500

Except 32/37/42/47/55LE5300, 42/47/55LE7300, 42/47/55LE530C

47

Screen Setup for PC mode

Selecting Resolution

You can choose the resolution in RGB-PC mode.
The Position, Phase, and Size can also be adjusted.
You can choose this option only when the PC resolution is set to 1024X768, 1280X768 or 1360X768.

PICTURE	◇ Move ◉ Enter
• Brightness	50
• Sharpness	70
• Color	60
• Tint	0 R||||||||||||||||G
• Color Temp.	0 W||||||||||||||||C
• Advanced Control	
• Picture Reset	
• Screen (RGB-PC)	

➡

SCREEN	◇ Move ↺ Prev.
Resolution	☑ 1024 x 768
Auto Config.	☐ 1280 x 768
Position	☐ 1360 x 768
Size	
Phase	
Reset	
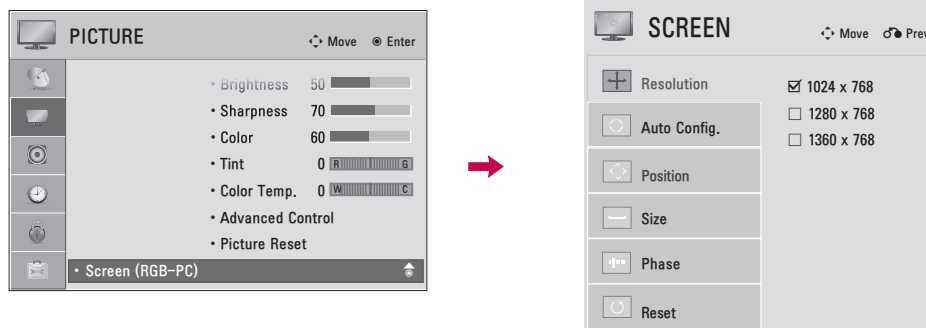
1 MENU Select **PICTURE**.

2 ENTER Select **Screen (RGB-PC)**.

3 ENTER Select **Resolution**.

4 ENTER Select the desired resolution.

5 ENTER

Auto Configure

Automatically adjusts picture position and minimizes image instability. After adjustment, if the image is still not correct, try using the manual settings or a different resolution or refresh rate on the PC.

PICTURE   ◇ Move   ⊙ Enter

　　　　　　　• Brightness   50 ▇▇▇
　　　　　　　• Sharpness   70 ▇▇▇
　　　　　　　• Color   60 ▇▇
　　　　　　　• Tint   0 R▐||||||||||||||||G
　　　　　　　• Color Temp.   0 W▐||||||||||||||||C
　　　　　　　• Advanced Control
　　　　　　　• Picture Reset
　　• Screen (RGB-PC)

SCREEN   ◇ Move   ↺ Prev.

  Resolution
  Auto Config.
  Position   Auto Config.
  Size   [Yes]   [No]
  Phase
  Reset

1 MENU ⌃⌄	Select **PICTURE**.
2 ENTER ⌃⌄	Select **Screen (RGB-PC)**.
3 ENTER ⌃⌄	Select **Auto Config.**.
4 ENTER ‹⌄›	Select **Yes**.
5 ENTER	Start Auto Configuration.

■ If the position of the image is still not correct, try Auto adjustment again.

■ If picture needs to be adjusted again after Auto adjustment in RGB-PC, you can adjust the **Position**, **Size** or **Phase**.

Adjustment for screen Position, Size, and Phase

If the picture is not clear after auto adjustment or if text is shaking, adjust the picture phase manually. This feature operates only in RGB-PC mode.

PICTURE ⬧ Move ◉ Enter

- • Brightness 50
- • Sharpness 70
- • Color 60
- • Tint 0 R |||||||||||| G
- • Color Temp. 0 W |||||||||||| C
- • Advanced Control
- • Picture Reset
- • Screen (RGB-PC)

➡

SCREEN ⬧ Move ↶ Prev.

- Resolution
- Auto Config.
- Position
- Size
- Phase
- Reset

---

1 MENU / ⟨◇⟩ Select **PICTURE**.
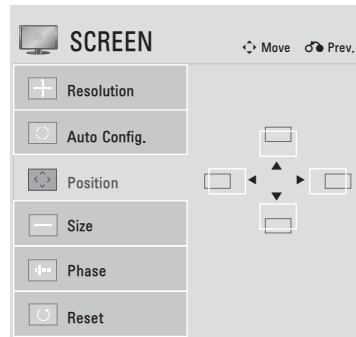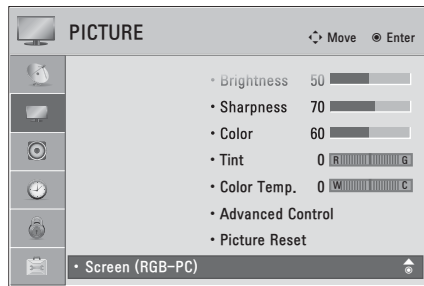
2 ENTER / ⌄◯⌃ Select **Screen (RGB-PC)**.

3 ENTER / ⌄◯⌃ Select **Position**, **Size**, or **Phase**.

4 ENTER / ⟨◇⟩ Make appropriate adjustments.

5 ENTER

- ■ **Position**: This function is to adjust picture to left/right and up/down as you prefer.
- ■ **Size**: This function is to minimize any vertical bars or stripes visible on the screen background. And the horizontal screen size will also change.
- ■ **Phase**: This function allows you to remove any horizontal noise and clear or sharpen the image of characters.

Screen Reset (Reset to original initial values)

Returns **Position**, **Size**, and **Phase** to the default initial settings.
This feature operates only in RGB-PC mode.

PICTURE	◊ Move ◉ Enter
	• Brightness	50
	• Sharpness	70
	• Color	60
	• Tint	0 [R⫶⫶⫶⫶⫶⫶G]
	• Color Temp.	0 [W⫶⫶⫶⫶⫶⫶C]
	• Advanced Control
	• Picture Reset
	• Screen (RGB–PC)

SCREEN	◊ Move ↻ Prev.
Resolution	
Auto Config.	
Position	To Set
Size	Yes No
Phase	
Reset	

1 MENU Select **PICTURE**.

2 ENTER Select **Screen (RGB-PC)**.

3 ENTER Select **Reset**.

4 ENTER Select **Yes**.
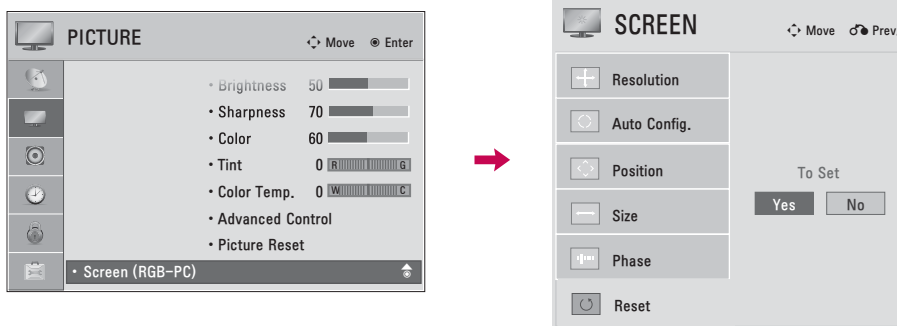
5 ENTER Start **Reset**.

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.

POWER	Turns the TV on from standby or off to standby.
ENERGY SAVING	Adjusts the Energy Saving setting. ▶**p.104**
AV MODE	Toggles through preset Video and Audio modes. ▶**p.75**
INPUT	Rotates through inputs. Also switches the TV on from standby. ▶**p.70**
TV	Returns to the last TV channel.

NUMBER button

— (DASH)	Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.
LIST	Displays the channel table. ▶**p.67**
FLASHBK	Tunes to the last channel viewed.

MENU	Displays the main menu or clears all on-screen displays and return to TV viewing.
INFO	Displays channel information at the bottom of the screen.
Q.MENU	Opens the list of Quick Menu options. ▶**p.59**
THUMBSTICK (Up/Down/Left Right/ENTER)	Navigates the on-screen menus and adjusts the system settings to your preference.
BACK	Allows the user to move return one step in an interactive application or other user interaction function.
SIMPLINK	See a list of AV devices connected to TV. When you toggle this button, the SIMPLINK menu appears at the screen. ▶**p.76**
EXIT	Clears all on-screen displays and return to TV viewing.

ENERGY AV MODE INPUT
SAVING

TV

1 2 3
4 5 6
7 8 9
— 0 FLASHBK

LIST

MARK
FAV
VOL RATIO CH
MUTE

PAGE

MENU INFO Q.MENU

ENTER

BACK SIMPLINK EXIT

52
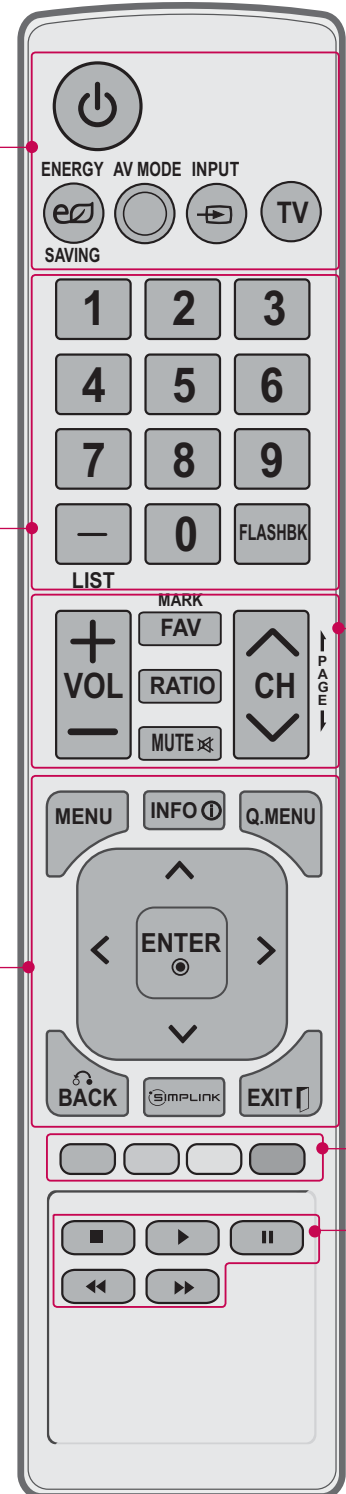
VOLUME UP/DOWN	Adjusts the volume.
FAV	Scroll through the programmed Favorite channels. ▶**p.66**
MARK	Select the input to apply the Picture Wizard settings. ▶**p.103** Use to mark or unmark a photo/music/movie. ▶**p.83, 88, 94**
RATIO	Changes the aspect ratio. ▶**p.100**
MUTE	Switches the sound on or off. ▶**p.54**
CHANNEL UP/DOWN	Changes the channel.
PAGE UP/DOWN	Moves from one full set of screen information to the next one.

| COLOR BUTTON | Access special functions in some menus. |

| USB, SIMPLINK Control buttons | • Controls MY MEDIA menu (Movie List, Photo List, Music List)
• Controls the SIMPLINK compatible devices. |

Installing Batteries
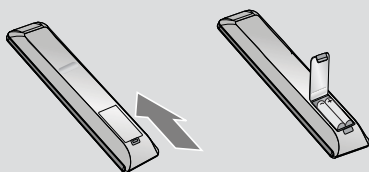
■ Open the battery compartment cover on the back side and install the batteries matching correct polarity.

■ 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 ⏻/ I, **INPUT**, **CH (∧** or **∨)** button on the TV or press
　the ⏻, **INPUT**, **CH (∧** or **∨)**, **Number (0-9)** button on the remote control.

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

3 When finished using the TV, 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.

► If you do not complete the **Initial setting**, it will appear whenever the TV is switched on until the
Initial setting procedure is completed.

CHANNEL SELECTION

1 Press the **CH (∧** or **∨)** or **NUMBER** buttons to select a channel number.

VOLUME ADJUSTMENT

Adjust the volume to suit your personal preference.

1 Press the **VOL (+** or **-)** 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 **VOL (+** or **-)** 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 Use**". We recommend setting the TV to "**Home Use**" mode for the best picture in your home environment.
- "**Store Demo**" Mode is only intended for use in retail environments. Customers can adjust the "**Picture** menu - **Picture mode**" manually while inspecting the TV, but the TV will automatically return to preset in-store mode after 5 minutes.
- "**Store Demo**" Mode is an optimal setting for displaying at stores. "Store Demo" mode initializes the TV to set the image quality.

Step 1. Selecting Language

```
          WELCOME!
      Thank you for choosing LG

Step 1. Language

  English
  Español
  Français
  한국어

                          ◉ Next
```

1 ⌃⌄ Select Menu Language.

2 ENTER ◉

Step 2. Mode setting

```
Step 2. Mode Setting

  ⓘ Selecting the environment.
    Choose the setting mode you want.

  [ENERGY STAR]  Select [Home Use] when setting TV up
                 in-home. You can adjust picture quality
                 accordingly through Picture Mode menu
                 option.

   Home Use        Store Demo
  • Demo Mode         Off

  ♂ Previous              ◉ Next
```
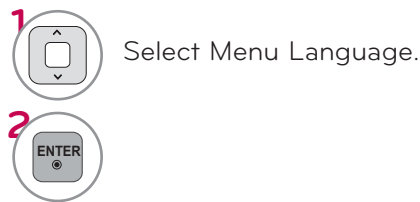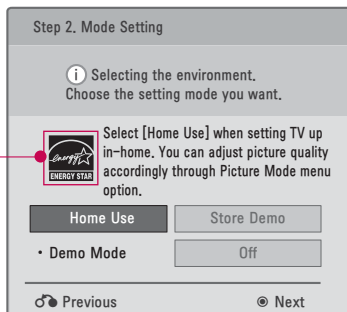
For 19/22/26/32/37/42/47/55LE5300,
22/26LE5500, 42/47/55LE7300,
37/42/47LD450C, 55LD520C,
32/42/47/55LD520, 42/47/55LD630,
42/47/55LE530C, 32/37/42/47LD452C

1 ‹ › Select **Home Use**.

2 ENTER ◉

Step 3. Power Indicator (For LED LCD TV)

```
Step 3. Power Indicator

Standby Light          ◄   Off   ►

↺ Previous                    ◉ Next
```

1 Select **On** or **Off**.

2 ENTER
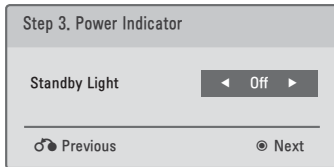
■ This function is disable in "Step2. Mode Setting - Store Demo".

Step 4. Time Zone

```
Step 4. Time Zone

Time Zone          ◄   Eastern   ►
Daylight Saving         Auto

↺ Previous                    ◉ Next
```
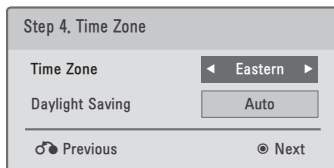
1 Select **Time Zone** option.

2 Select **Daylight Saving** option.

3 ENTER

Step 5. Auto Tuning

```
Step 5. Auto Tuning


        Before starting,
        be sure that the
   TV antenna is connected.


↺ Previous                    ◉ Next
```
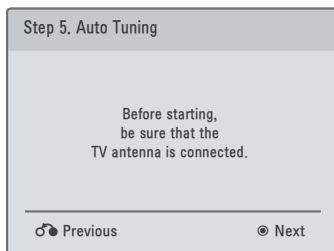
1 ENTER Check your antenna connection and start **Auto Tuning**.

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.

2 ENTER / ◇ — Select a menu item.

3 ENTER — Accept the current selection.

4 EXIT — Return to TV viewing.

CHANNEL
◇ Move ◉ Enter
- Auto Tuning
- Manual Tuning
- Channel Edit

PICTURE
◇ Move ◉ Enter
- Aspect Ratio   : 16:9
- Picture Wizard
- ◎ Energy Saving : Off
- Picture Mode   : Standard
    - Backlight   70
    - Contrast   100
    - Brightness   50
    - Sharpness   70

AUDIO
◇ Move ◉ Enter
- Auto Volume   : Off
- Clear Voice II : Off ◆3
- Balance   0 [L ██████████ R]
- Sound Mode   : Standard
    - Infinite Sound: Off
    - Treble   50
    - Bass   50
    - Reset

TIME
◇ Move ◉ Enter
- Clock
- Off Time   : Off
- On TIme   : Off
- Sleep Timer : Off

For USA

LOCK
◇ Move ◉ Enter
- Set Password
- Lock System   : On
    - Block Channel
    - Movie Rating
    - TV Rating–Children
    - TV Rating–General
    - Downloadable Rating
    - Input Block

OPTION
◇ Move ◉ Enter
- Language
- Caption   : Off
- Power Indicator
- Initial Setting
- Set ID   : 1
- Mode Setting   : Home Use

For Canada

- Set Password
- Lock System   : On
    - Block Channel
    - TV Rating–English
    - TV Rating–French
    - Downloadable Rating
    - Input Block
- Key Lock   : Off

i.e)

Input List					⬧ Move ⊙ Enter
TV	USB	AV	Component	RGB-PC	HDMI1
HDMI2	HDMI3				

■ Input Label   ↻ Exit

INPUT

MY MEDIA

MY MEDIA

Movie List   Photo List   Music List   Extra Contents

Except 32/42/47LD420,
32/37/42/47LD450,
37/42/47LD450C,
32/42/47/55LD520,
55LD520C,
42/47/55LE530C,
42/47LD451C,
32/37/42/47LD452C

For 32/37/42/47LD452C
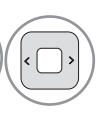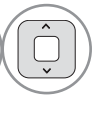
QUICK MENU

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.

◄ **Aspect Ratio** ►

🔁
⤷   🖼
🅰🔲   **16:9** ◎   《◻
CH   ((◉))
⏱ᶻ

🏃 Exit
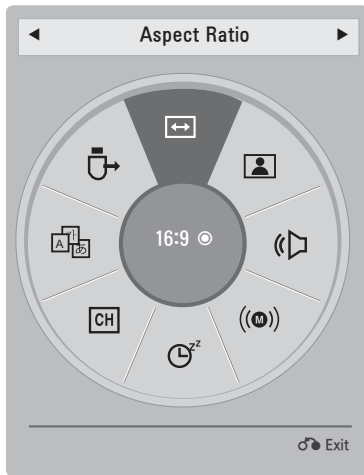
↔ **Aspect Ratio**: Selects your desired picture format.

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

《◻ **Sound Mode**: Selects the desired preset sound setting.

((◉)) **Multi Audio**: Changes the audio language (Digital signal).

((◉)) **SAP**: Selects MTS sound (Analog signal).

⏱ᶻ **Sleep Timer**: Select the amount of time before your TV
     turns off automatically.

CH **Del/Add**: Select channel you want to add or delete.

🅰🔲 **Caption**: Select on or off.

⤷ **USB Device**: Select "Eject" in order to eject a USB device.

WATCHING TV / CHANNEL CONTROL

1
Q.MENU   ‹ ◻ ›   Display each menu.

2
ENTER ⦿   ◻   Make appropriate adjustments.

3
EXIT ▯   Return to TV viewing.
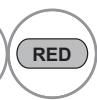
CUSTOMER SUPPORT

Picture Test / Sound Test

This function is a customer support function that can execute picture and sound tests.

☑ Picture Test
☐ Sound Test
☐ Product/Service Info.

Close

❓ Do you have a problem in this test screen?

Yes   No

☐ Picture Test
☑ Sound Test
☐ Product/Service Info.

Close

❓ Do you have a sound problem in this screen?

Yes   No
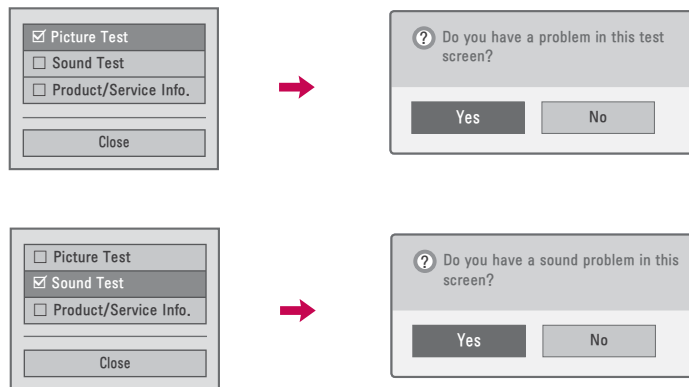
1 MENU   RED   Select **Customer Support**.

2 ⌄̂   ENTER   Select **Picture Test** or **Sound Test**.

3 ‹ ›   ENTER   Select **Yes**.

4 BACK   Return to the previous menu.

EXIT   Return to TV viewing.

Product/Service Info.

This function shows support and product information.
Customer Service Center can differ by country.

| ☐ Picture Test |
| ☐ Sound Test |
| ☑ Product/Service Info. |
| Close |

1
MENU **RED**   Select **Customer Support**.
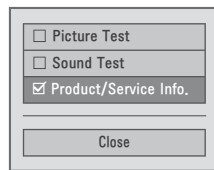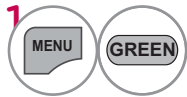
2
^ v **ENTER**   Select **Product/Service Info.**.
You can check the various
product/Service infomation
based on your model.

3
BACK   Return to the previous menu.

EXIT   Return to TV viewing.

SIMPLE MANUAL

You can easily and effectively access the TV information by viewing a simple manual on the TV. During the Simple Manual operation, audio will be muted.

1
MENU (GREEN) Select **Simple Manual**.

2
Select the part of the manual you would like to see.

RED Go to the **Index** page.

BLUE Play the **Simple Manual** automatically or manually.

3
EXIT Return to TV viewing.

CHANNEL SETUP
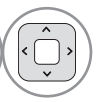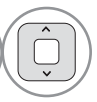
Auto Scan (Auto Tuning)

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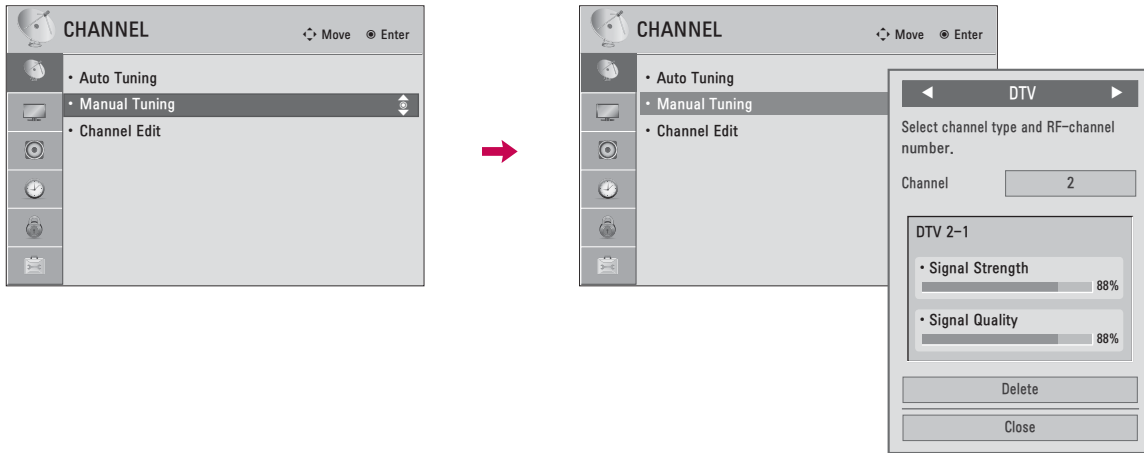Auto Tuning memorizes only the channels available at the time.

CHANNEL	◈ Move ◉ Enter
• Auto Tuning	
• Manual Tuning	
• Channel Edit	

➡

CHANNEL	◈ Move ◉ Enter
• Auto Tuning	
• Manual Tuning	
• Channel Edit	

Antenna   Cable

Check your antenna connection.
The previous channel information
will be updated during Auto Tuning.

Start

Close

---
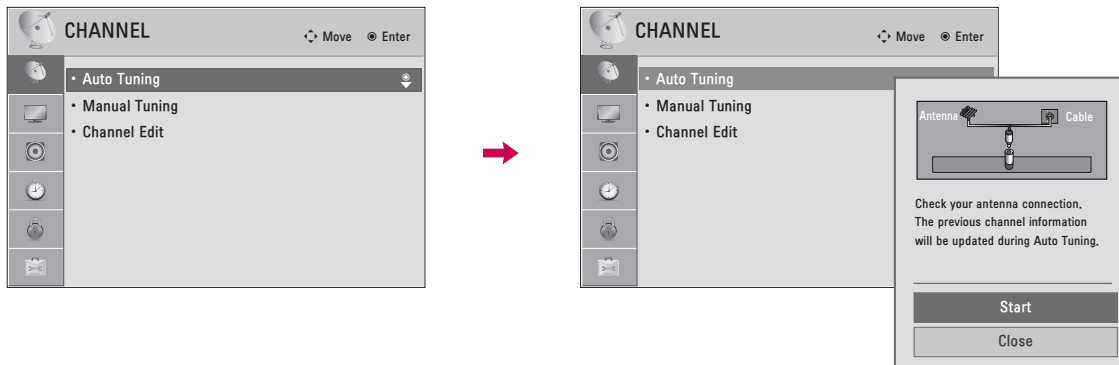
1 MENU / ⌃⌄‹› Select **CHANNEL**.

2 ENTER / ⌃⌄ Select **Auto Tuning**.

3 ENTER / ⌃⌄ Select **Start**.

4 ENTER Run **Auto tuning**.

5 BACK Return to the previous menu.

EXIT Return to TV viewing.

- ■ The TV will ask for a password if parental control has been activated (LOCK Menu). Use the password you set up in the LOCK Menu to allow a channel search.
- ■ The maximum number of channels the TV can store is 1000.
- ■ Found channels are grouped in the order of DTV, TV, Cable DTV and Cable TV.

Add/Delete Channel (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.
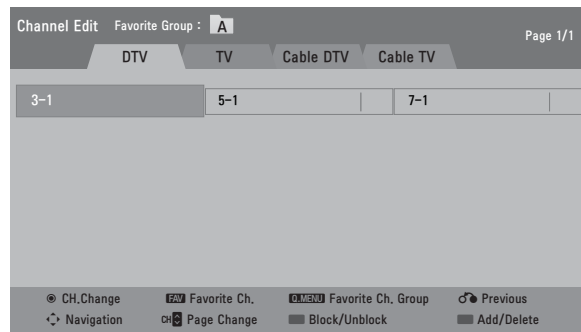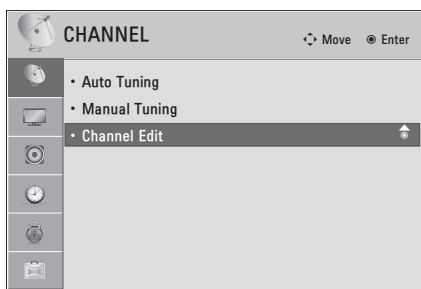
```
CHANNEL                    ⟷ Move   ◉ Enter
  • Auto Tuning
  • Manual Tuning                          ◉
  • Channel Edit
```

➡

```
CHANNEL                    ⟷ Move   ◉ Enter
  • Auto Tuning
  • Manual Tuning
  • Channel Edit

                  ◀         DTV          ▶
                  Select channel type and RF-channel
                  number.
                  Channel              2

                  DTV 2-1
                    • Signal Strength
                                            88%
                    • Signal Quality
                                            88%

                         Delete
                         Close
```

1 MENU / ∧∨<>   Select **CHANNEL**.

2 ENTER / ∧∨   Select **Manual Tuning**.

3 ENTER / <>   Select **DTV**, **TV**, **Cable DTV**, or **Cable TV**.

4 ∨ / <>   Select channel you want to add or delete.

5 ∨ ENTER   Select **Add** or **Delete**.

6 BACK   Return to the previous menu.

   EXIT   Return to TV viewing.

- ■ The TV will ask for a password if parental control has been activated (LOCK Menu). Use the password you set up in the LOCK Menu to allow a channel search.
- ■ The maximum number of channels the TV can store is 1000.

Channel Editing

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

When a channel number is deleted, it means that you will be unable to select it using **CH∧∨** 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.

CHANNEL ⟷ Move ◉ Enter

• Auto Tuning
• Manual Tuning
• Channel Edit

Channel Edit   Favorite Group : A   Page 1/1
               DTV   TV   Cable DTV   Cable TV

3-1   5-1   7-1

◉ CH.Change   FAV Favorite Ch.   Q.MENU Favorite Ch. Group   ↺ Previous
⟷ Navigation   CH Page Change   ■ Block/Unblock   ■ Add/Delete

1
MENU / ∧∨⟨⟩   Select **CHANNEL**.

2
ENTER / ∧∨   Select **Channel Edit**.

3
ENTER / ∧∨⟨⟩   Select a channel.

4
BLUE   Add or delete a channel.

YELLOW   Block or unblock the channel.
You can block/unblock channels even if you select "Lock system-Off" in the LOCK menu.

ENTER   Switch to the chosen channel number.

CH   Move the pages when the channel list is too long.

5
BACK   Return to the previous menu.

EXIT   Return to TV viewing.

■ Keep pressing the ∧ button and use the ⟨ or ⟩ buttons to move between DTV, TV, Cable DTV and Cable TV.
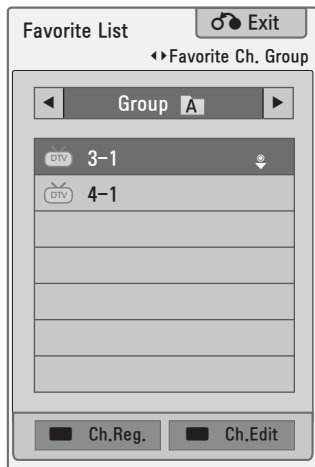
FAVORITE CHANNEL SETUP

Favorite Channels are a convenient feature that lets you quickly select channels of your choice without waiting for the TV to select all the in-between channels.

Favorite List	♂⟳ Exit
◀▶ Favorite Ch. Group	

◀ **Group** A ▶

DTV 3-1
DTV 4-1

■ Ch.Reg.   ■ Ch.Edit
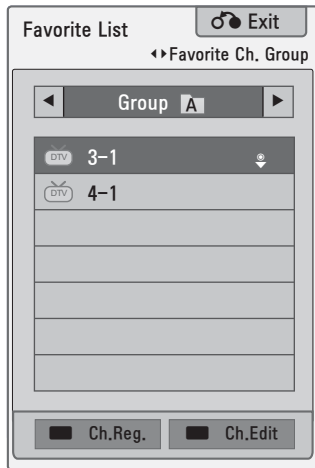
1
CH ^∨ or [1 2 3 / 4 5 6 / 7 8 9 / 0]   Select your desired channel.

2
MARK FAV   ‹◻›   Select your desired favorite channel group from A to D.

3
YELLOW   Register or cancel the current channel in favorite channel list.

BLUE   Go to the "**CHANNEL** menu **- Channel Edit**".

4
EXIT ⟮   Return to TV viewing.

■ You can also setup **Favorite List** in the **CHANNEL** menu **- Channel Edit**.

FAVORITE CHANNEL LIST

Favorite List	♂⟳ Exit
◀▶ Favorite Ch. Group	

◀ **Group** A ▶

DTV 3-1
DTV 4-1

■ Ch.Reg.   ■ Ch.Edit

Displaying the favorite channel list

1
MARK FAV   Display the Favorite channel list.

Selecting a channel in the favorite channel list

1
^◻∨   Select a channel.

2
ENTER ⊙   Switch to the chosen channel number.

Paging through a favorite channel list

1
CH ^∨   Turn the pages.

2
EXIT ⟮   Return to TV viewing.

CHANNEL LIST

You can check which channels are stored in the memory by displaying the channel list.

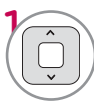| Channel List	⚙ Exit
📺 DTV 3-1	🔒 ⬇
📺 DTV 4-1	
	⬛ Ch.Edit
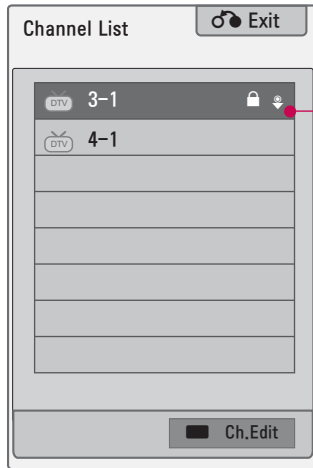
This padlock is displayed when the channel is locked with parental control.

Displaying Channel List

1
LIST   Display the **Channel List**.

BLUE   Tune to the "**CHANNEL** menu **- Channel Edit**".

Selecting a channel in the channel list

1   Select a channel.

2
ENTER   Switch to the chosen channel number.

Paging through a channel list

1
CH PAGE   Turn the pages.

2
EXIT   Return to TV viewing.

CHANNEL INFORMATION

📺 DTV **8**−1 CNN
↕ Ch. Change   ▶ Next   ◉ Watch

Brief Info Title Test... 10:10 AM ━━━━━━━━━━━━ 11:40 AM ◯◯ Multilingual 🅳🅳ᴰ 🆇🆇 Caption 16:9 1080i 🔒 TV−PG D L S V

No information
Sarah Bradley, Steve Gray and Brendon Pongia present the latest in fashion, the arts, entertainment, lifestyle and cooking, with regular and special guests.
Sarah Bradley, Steve Gray and Brendon Pongia present the latest in fashion, the arts, entertainment, lifestyle and cooking,

▼

Up
Down
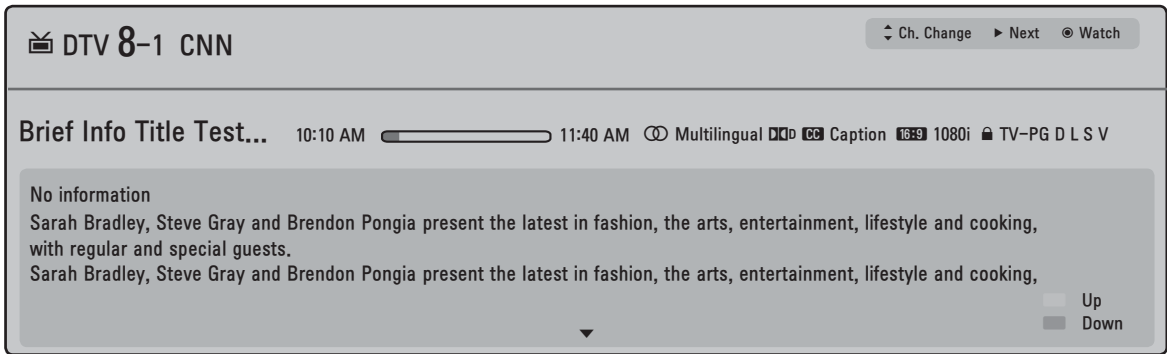
Displaying Channel Information

1
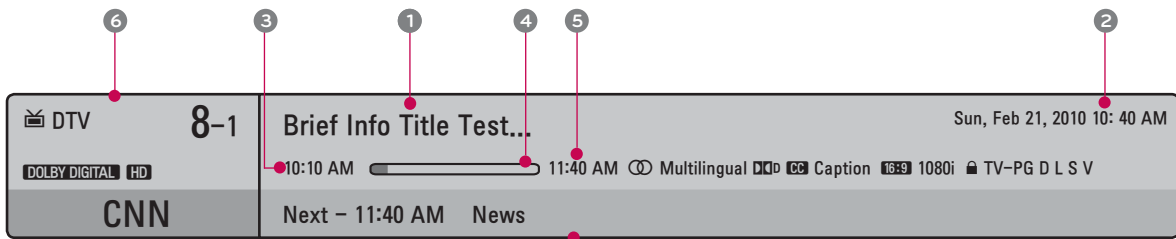(INFO ⓘ)
Show the current channel program Information on the screen.

2
〈◻〉
Show a previous or next channel's program information

3
(EXIT ⫽)
Return to TV viewing.

CHANNEL BRIEF INFORMATION

Brief Info shows the present screen information.

1
ENTER ● Shows the current channel's brief info screen.

2
ENTER ● Return to TV viewing.

⑥ ③ ① ④ ⑤ ②

≘ DTV	**8**–1	Brief Info Title Test...		Sun, Feb 21, 2010 10: 40 AM
DOLBY DIGITAL HD		10:10 AM ▭▭▭▭▭◯ 11:40 AM ◎ Multilingual ▭▭D CC Caption 16:9 1080i 🔒 TV-PG D L S V		
CNN		Next – 11:40 AM News		

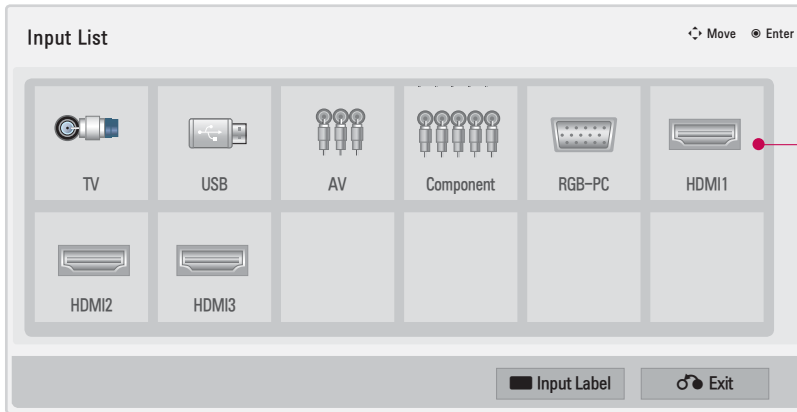| ◎	**Multilingual** : The program contains two or more audio services. Use the **Q.MENU** menu to select wanted Audio.
CC	**Caption** : The program contains one or more caption services. Use the **Q.MENU** menu to select wanted Closed caption.
▭▭D	**Dolby Digital**: The program contains a Dolby Digital audio signal in TV and HDMI input source.
4:3	The original aspect ratio of the video is 4:3
16:9	The original aspect ratio of the video is 16:9 (wide)
480i	The video resolution is 720x480i
480p	The video resolution is 720x480p
720p	The video resolution is 1280x720p
1080i	The video resolution is 1920x1080i
1080p	The video resolution is 1920x1080p
🔒	**V-Chip**: The program contains V-Chip information. Refer to the LOCK menu: A (Age), D (Dialogue), L (Language), S (Sex), V (Violence), FV (Fantasy Violence)

① Program title
② Day, Month, Year, Present time
③ Program start time
④ Program progress bar
⑤ Program finish time
⑥ Banner information

INPUT LIST

Only these input signals which are connected to a TV can be activated and selected.

i.e)

Input List				✛ Move ◉ Enter

TV   USB   AV   Component   RGB–PC   HDMI1

HDMI2   HDMI3

■ Input Label   ♂ Exit

Disconnected inputs are inactive (grayed out)

WATCHING TV / CHANNEL CONTROL
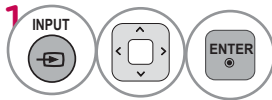
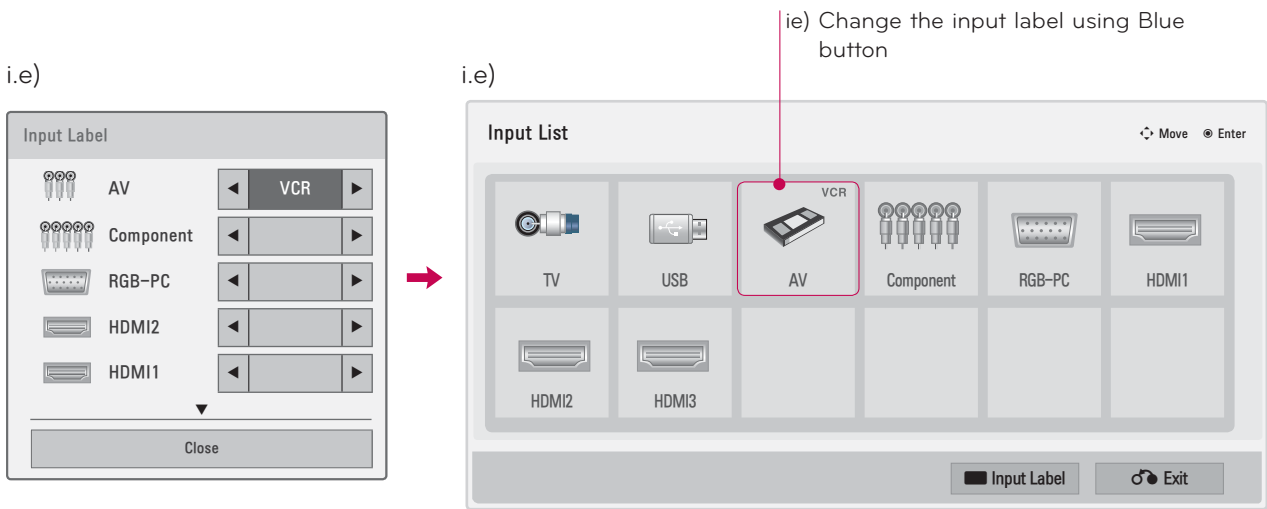**1** INPUT ⊕   ∧<□>∨   ENTER ◉   Select the desired input source.

■ When new external device is connected, this popup menu is displayed automatically.
  If selecting **Yes**, you can select input source that you want to appreciate.
■ But, when selecting "**SIMPLINK** - **On**", popup menu for HDMI input will not be displayed.

New external input is connected. Do you want to use this?
AV
Yes   No
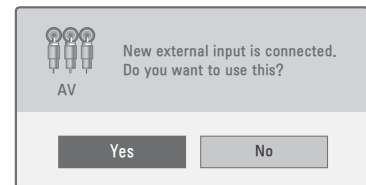
■ **TV**: Select it to watch over-the-air, cable and digital cable broadcasts.
■ **AV**: Select them to watch a VCR or other external equipment.
■ **Component**: Select them to watch DVD or a Digital set-top box.
■ **RGB-PC**: Select it to view PC input.
■ **HDMI**: Select them to watch high definition devices.

INPUT LABEL

This indicates which device is connected to which input port.
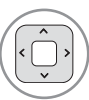
ie) Change the input label using Blue
button

i.e)

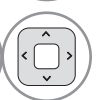| Input Label			
🔌 AV	◄	VCR	►
🔌 Component	◄		►
RGB-PC	◄		►
HDMI2	◄		►
HDMI1	◄		►
▼			
Close			

i.e)

Input List   ✛ Move   ◉ Enter

		VCR			
TV	USB	AV	Component	RGB-PC	HDMI1
HDMI2	HDMI3				

■ Input Label   ↰ Exit

1
INPUT 🔲   ⌃⟨⬚⟩⌄   Select the desired input source.

2
BLUE   ⌃⟨⬚⟩⌄   Select the label.

3
BACK ↰   Return to the previous menu.

EXIT 🔲   Return to TV viewing.

RESET TO FACTORY DEFAULT (INITIAL SETTING)

This function resets the TV to factory default and erases all stored channels.

```
┌─────────────────────────────────────────┐
│ ⊞  OPTION              ⬦ Move  ◉ Enter   │
│ ⚙  • Language                            │
│ ⊡  • Caption          : Off              │
│    • Power Indicator                     │
│ ◎  • Initial Setting              ⬍      │
│ 🕐 • Set ID          : 1                 │
│ ⬜  • Mode Setting     : Home Use         │
│ ⊞                                        │
└─────────────────────────────────────────┘
```

➡

```
┌─────────────────────────────────────────┐
│ ⊞  OPTION              ⬦ Move  ◉ Enter   │
│ ⚙  • Language                            │
│ ⊡  • Caption          : Off              │
│    • Power Indicator     ⚠ All user settings and channel settings will │
│ ◎  • Initial Setting        be reset. Still continue? │
│ 🕐 • Set ID          : 1                 │
│ ⬜  • Mode Setting     : Home U          │
│ ⊞                        [  Yes  ]    [  No  ] │
└─────────────────────────────────────────┘
```
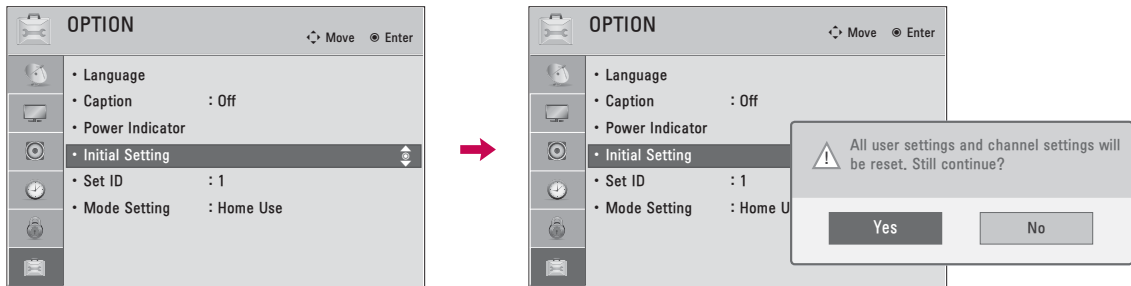
1 MENU / ⬦ — Select **OPTION**.

2 ENTER / ⬍ — Select **Initial Setting**.

3 ENTER / ◄ □ ► — Select **Yes**.

4 ENTER — TV turns off automatically and starts factory reset.

■ When selecting "**Lock System - On**" in the LOCK menu, the message to enter the password appears.

■ If you forget your password, press "0-3-2-5" on the remote control.