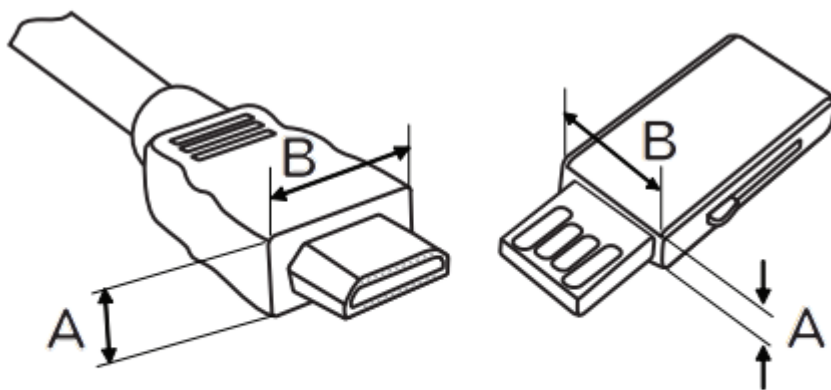


Preparing

- When the TV is turned on for the first time after being shipped from the factory, initialization of the TV may take approximately one minute.
- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this TV in the future.
- The items supplied with your product may vary depending upon the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm (0.39 inches) thick and 18 mm (0.7 inches) width.
- Use an extension cable that supports USB 2.0 if the USB cable or USB flash drive does not fit into your TV's USB port.
- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types (3 m or less)
 - High-Speed HDMI®/™ cable
 - High-Speed HDMI®/™ cable with Ethernet



***A ≤ 10 mm (0.39 inches)**

***B ≤ 18 mm (0.7 inches)**

- Do not use any unapproved items to ensure the safety and lifespan of the product.
- Any damages or injuries by using unapproved items are not covered by the warranty.

- Some models appear to have a thin film on the screen. It is actually part of the screen; do not remove it.
- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.
- Make sure that the screws are fastened tightly. (If they are not fastened securely enough, the TV may tilt forward after being installed.)
- Do not fasten the screws with excessive force otherwise they may be worn out and become loose.
- Make sure to wring any excess water or cleaner from the cloth.
- Do not spray water or cleaner directly onto the TV screen.
- Make sure to spray just enough of water or cleaner onto a dry cloth to wipe the screen.

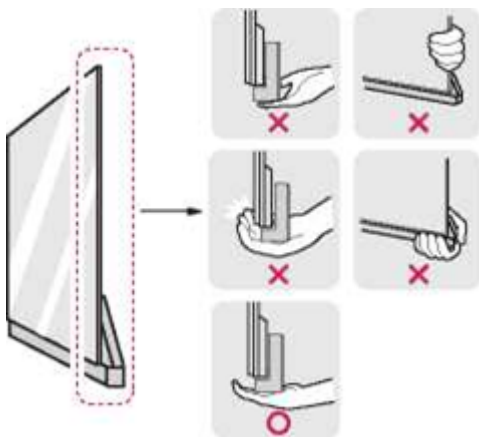
Lifting and Moving the TV

When moving or lifting the TV, read the following to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.

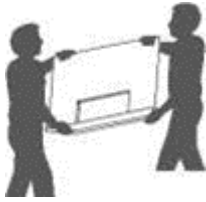
- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to avoid damage.



- Hold the top and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grille area.



- Use at least two people to move a large TV.
- When transporting the TV by hand, hold the TV as shown in the following illustration.



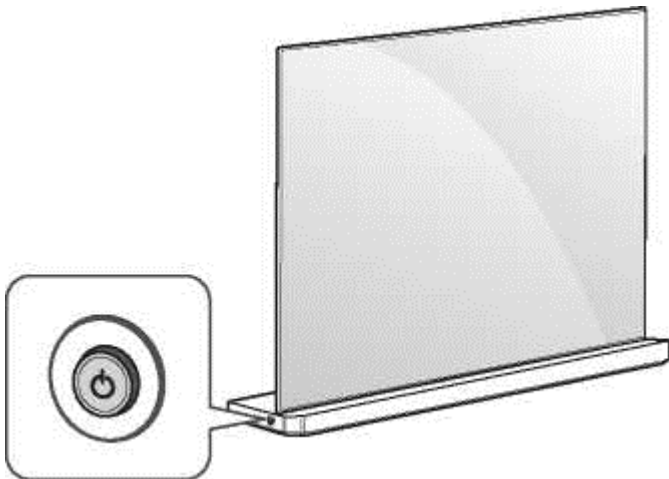
- When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright; never turn the TV on its side or tilt towards the left or right.
- When handling the TV, be careful not to damage the protruding buttons.

Avoid touching the screen at all times, as this may result in damage to the screen.




- Do not place the product on the floor with its front facing down without padding. Failure to do so may result in damage to the screen.
- Do not move the TV by holding the cable holders, as the cable holders may break, and injuries and damage to the TV may occur. (Depending upon model)
- Make sure to attach the AV box fixing supporter to the AV box before you lift the product and move. Moving the product without attaching the AV box fixing supporter to the AV box first may cause injury to your fingers.

Using the Button

You can operate the TV functions, using the button.








Basic Functions

	Power On (Press) Power Off ¹ (Press and Hold)
	Volume Control
	Channels Control

All running apps will close.

Adjusting the Menu

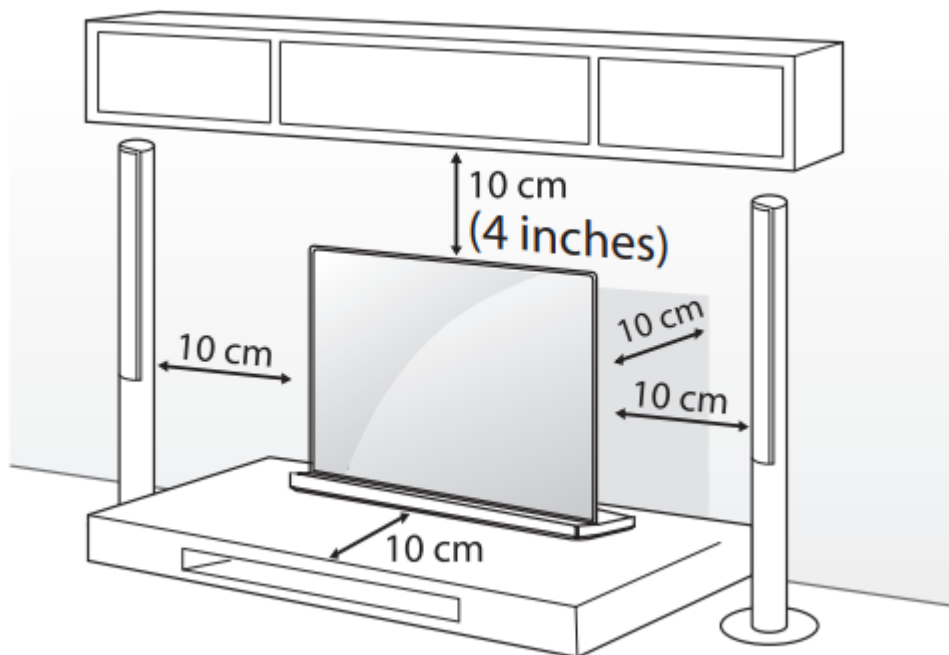
When the TV is turned on, press the  button one time. You can adjust the Menu items using the button. (Depending upon model)

	Turns the power off.
	Accesses the setting menu.
	Clears on-screen displays and returns to TV viewing.
	Changes the input source.

Mounting on a Table

(Depending upon model)

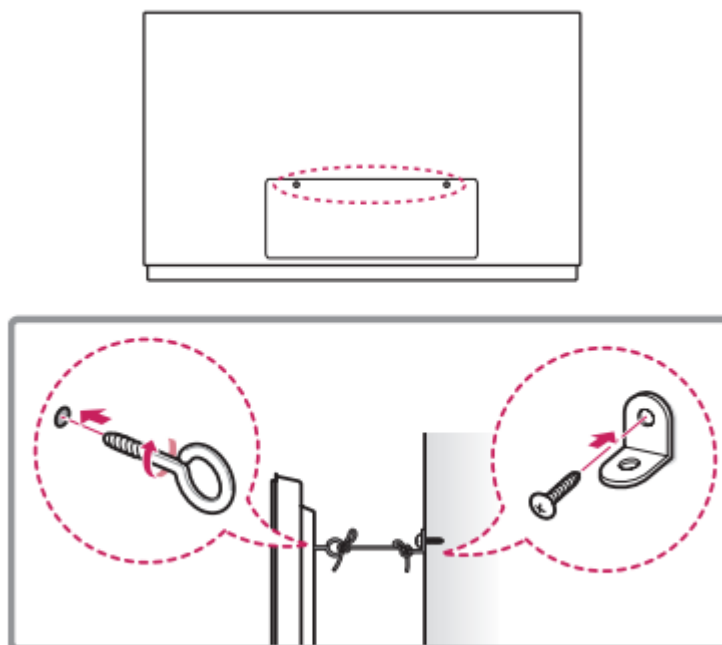
1. Lift and tilt the TV into its upright position on a table.
 - Leave a 10 cm (4 inches) (minimum) space from the wall for proper ventilation.



2. Connect the power cord to a wall outlet.

Securing the TV to a Wall (optional)

(Depending upon model)



1. Insert and tighten the eye-bolts or TV brackets and bolts on the back of the TV.

- If there are bolts inserted at the eye-bolts position, remove the bolts first.

2. Mount the wall brackets with the bolts to the wall. Match the location of the wall bracket and the eye-bolts on the rear of the TV.

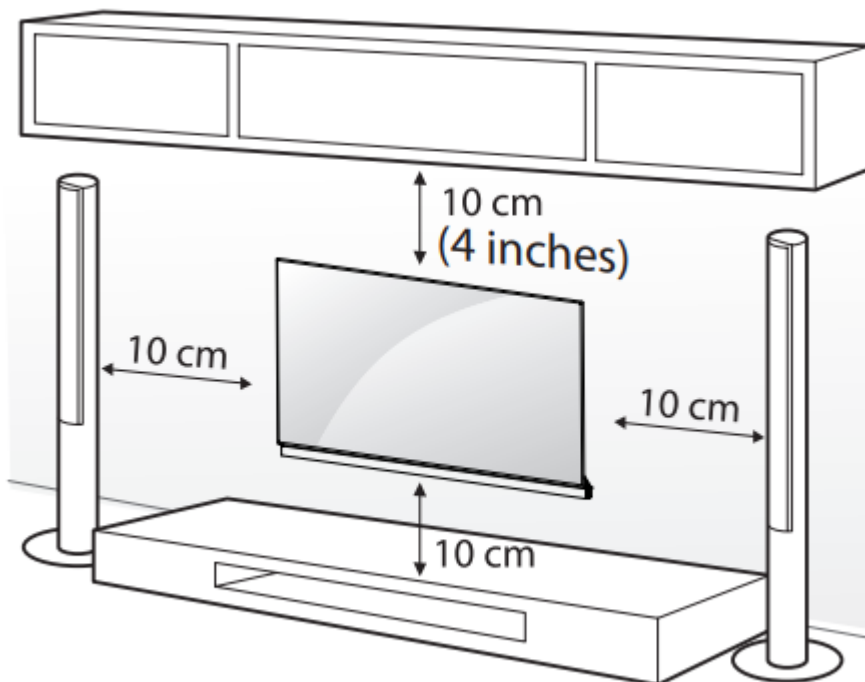
3. Connect the eye-bolts and wall brackets tightly with a sturdy rope or cable. Make sure to keep the rope parallel to the flat surface.



- Make sure that children do not climb on or hang on the TV.
- Use a platform or cabinet that is strong and large enough to support the TV securely.
- Brackets, bolts, and ropes are optional. You can obtain additional accessories from your local dealer.

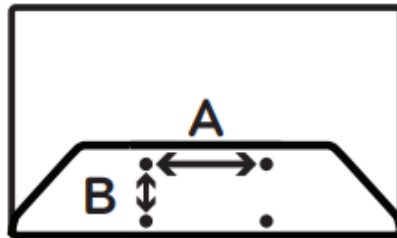
Mounting on a Wall

An optional wall mount can be used with your LG Television. Consult with your local dealer for a wall mount that supports the VESA standard used by your TV model. Carefully attach the wall mount bracket at the rear of the TV. Install the wall mount bracket on a solid wall perpendicular to the floor. If you are attaching the TV to other building materials, please contact qualified personnel to install the wall mount. Detailed instructions will be included with the wall mount. We recommend that you use an LG brand wall mount. The LG wall mount is easy to adjust or to connect the cables. When you do not use LG's wall mount bracket, use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices. If you are using a non-adjustable mount, attach the mount to the wall. Attach the cables to the TV first, then attach the TV to the mount.

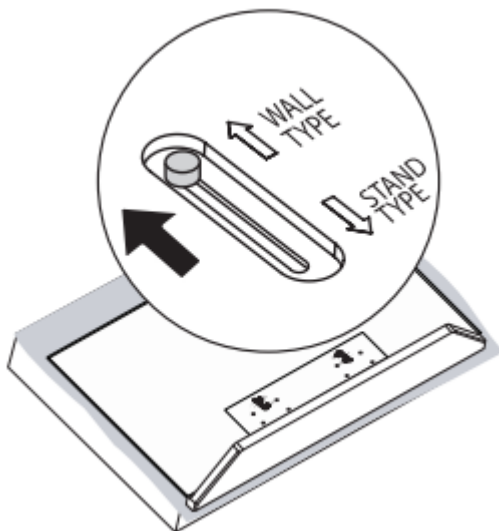


Make sure to use screws and wall mounts that meet the VESA standard. Standard dimensions for the wall mount kits are described in the following table.

Model	OLED65G7P	OLED77G7P
VESA (A x B)	400 x 200	600 x 300
Standard screw	M6	M8 (4 EA) / M4 (2 EA)
Number of screws	4	6
Wall mount bracket (optional)	OTW420B	OTW630B

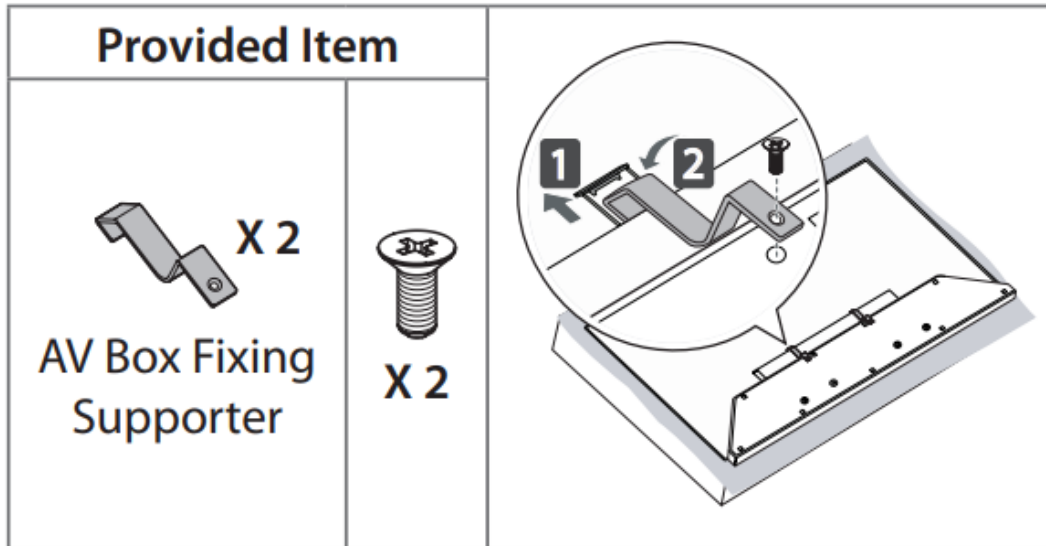


- Fold the AV box before installing the TV on a wall mount by performing the stand attachment in reverse.
- To install the wall mount, switch the selector to **WALL TYPE** as shown in the following illustration. (For OLED77G7P).

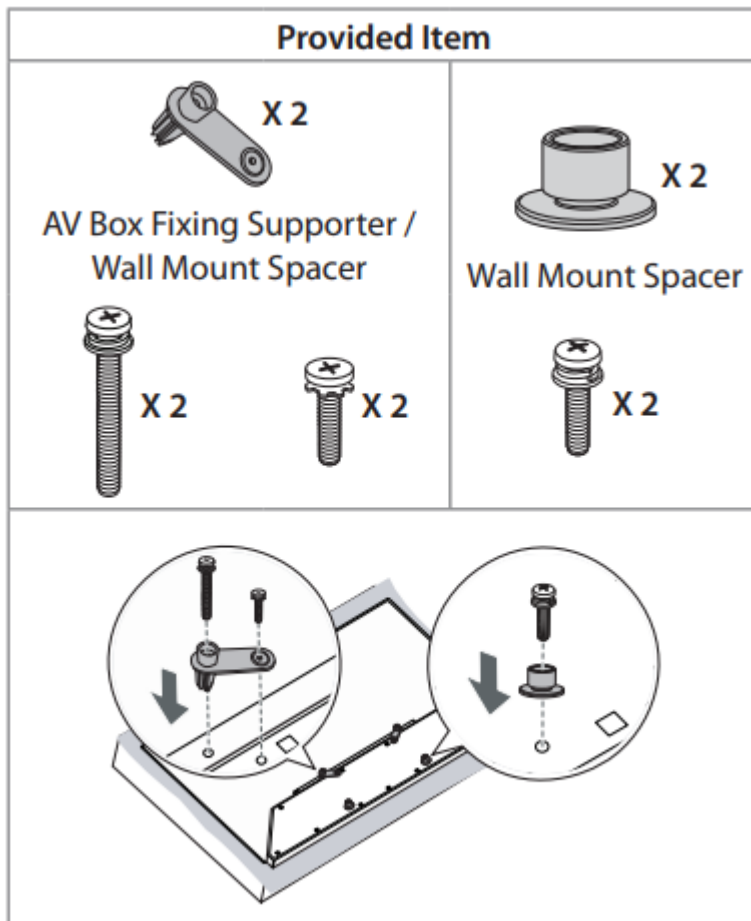


- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.
- Fold the AV box and attach the AV box fixing supporter / wall mount spacer to the AV box before installing the product on a wall mount.

(For OLED65G7P)



(For OLED77G7P)



Connections (Notifications)

You can connect various external devices to the TV. Supported external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices. For more information on external device's connection, refer to the manual provided with each device.

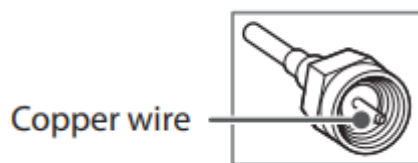
- If you record a TV program on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information about recording, refer to the manual provided with the connected device.
- The external device connections shown may differ slightly from illustrations in a manual.
- Connect external devices to the TV regardless about the order of the TV port.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- Refer to the external equipment's manual for operating instructions.
- 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. Depending upon the graphics card, some resolution settings may not allow the image to be positioned on the screen properly.

- Some USB Hubs may not work. If a USB device connected through a USB Hub is not detected, connect it directly to the USB port on the TV.
- The TV may be capable of operating without a set-top-box from a multichannel video programming distributor (MVPD).
- When connecting via a wired LAN, it is recommended to use a CAT 7 cable.

Connecting to an Antenna or Cable

Connect an antenna, cable, or cable box to watch TV while referring to the following. The illustrations may differ from the actual items and an RF cable is optional.

- Make sure not to bend the copper wire of the RF cable.



- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your TV.
- Use a signal splitter to use 2 TVs or more.
- DTV Audio Supported Codec: MPEG, Dolby Digital
- This TV cannot receive ULTRA HD (3840 x 2160 pixels) broadcasts directly because the related standards have not been confirmed. (Depending upon model)

Other Connections

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable.

•  >  >  > **General > HDMI ULTRA HD**

Deep Color:

- On : Support 4K @ 60 Hz (4:4:4, 4:2:2, 4:2:0)
- Off : Support 4K @ 60 Hz 8bit (4:2:0)

- If the device connected to Input Port also supports ULTRA HD Deep Color, your picture may be clearer. However, if the device doesn't support it, it may not work properly. In that case, connect the device to a different HDMI port or change the TV's **HDMI ULTRA HD Deep Color** setting to off.

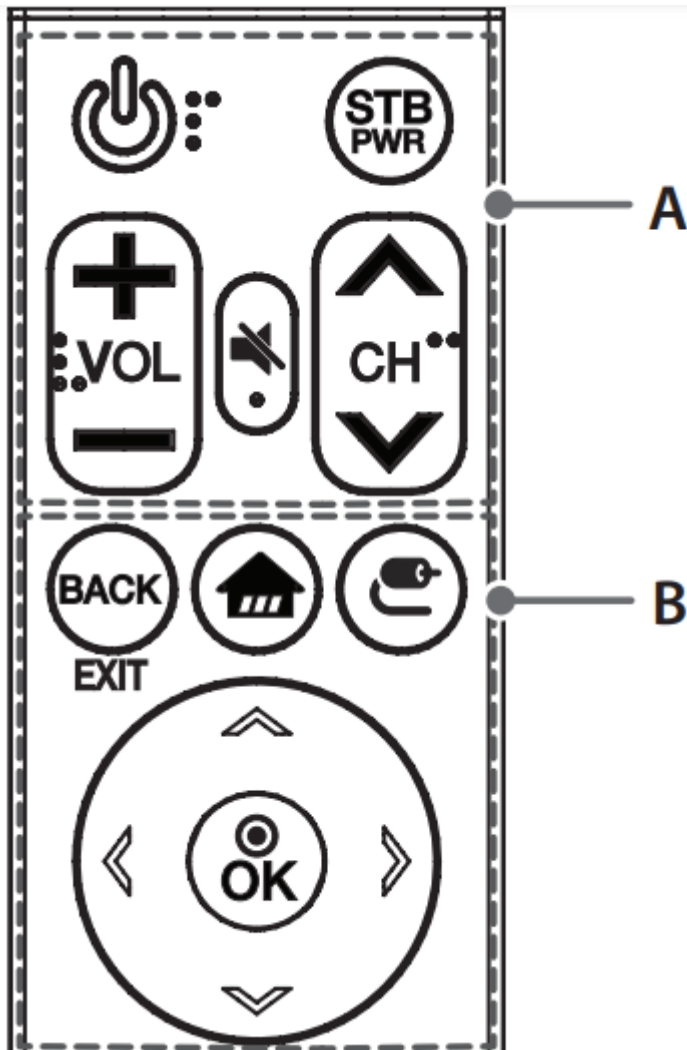
- HDMI Audio Supported Format: DTS (44.1 kHz / 48 kHz), Dolby Digital / Dolby Digital Plus (32 kHz / 44.1 kHz / 48 kHz), PCM (32 kHz / 44.1 kHz / 48 kHz / 96 kHz / 192 kHz) (Depending on model)

Slim Remote Control


(Some buttons and services may not be provided depending upon models or regions.)

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly.

To replace coin batteries, turn the battery cover counterclockwise by using a coin. Then, take the battery cover. Insert and fix the battery (CR2032) with the \oplus facing forward. And, Put the battery cover on the remote control and turn it clockwise to close. To remove the coin batteries, perform the installation actions in reverse. When in use, it should be pointed in the direction of the TV's remote sensor.




A

 **(Power)** Turns the TV on or off.

STB
PWR You can turn your set-top box on or off by adding the set-top box to the universal remote control for your TV.

+ VOL — Adjusts the volume level.


 **(Mute)** Mutes all sounds.


^ CH v Scrolls through the saved channels.


B

BACK Returns to the previous screen.

EXIT* Clears all on-screen displays and returns to TV viewing.

 **(Home)** Accesses the Home menu.

 **(Input)** Changes the input source.

- Pressing and holding the  **(Input)** button displays all the lists of external inputs.

^ v <> **(Navigation buttons)** Scrolls through menus or options. (up/down/left/right)

⊙ OK Selects menus or options and confirms your input.

* To use the button, press and hold for more than 3 seconds.

Battery Installation





DO NOT INGEST BATTERY. CHEMICAL BURN HAZARD.

- The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, incinerate, or heat above 100 °C (212 °F). Replace the battery part no. CR2032 only. Use of another battery may present a risk of fire or explosion. Dispose of used battery.

- Keep battery away from children. Do not disassemble or dispose of in fire.
- [The remote control supplied with] This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- If you have long nails, do not open the battery cover by using your finger. Or else, your nail could break.

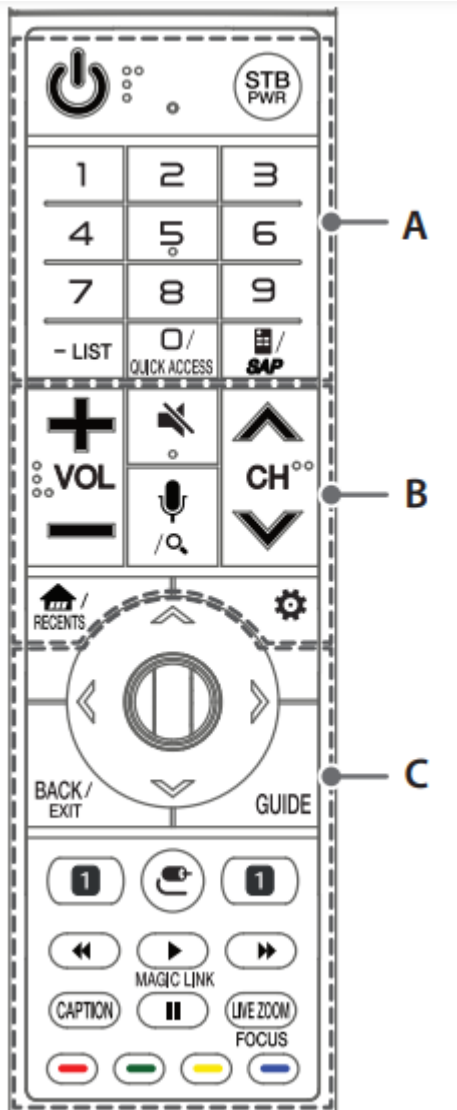
Magic Remote Functions

(Some buttons and services may not be provided depending upon models or regions.)


When the message *Magic remote battery is low. Change the battery.* is displayed, replace the batteries. To install batteries, open the battery cover, replace batteries (1.5 V AA) matching  and  ends to the label inside the compartment, and close the battery cover. Failure to match the correct polarities of the battery may cause the battery to burst or leak, resulting in fire, personal injury, or ambient pollution. Be sure to point the remote control at the remote control sensor on the TV.

To remove the batteries, perform the installation actions in reverse.

This remote uses infrared light. When in use, it should be pointed in the direction of the TV's remote sensor.



A


 (**Power**) Turns the TV on or off.

STB
PWR You can turn your set-top box on or off by adding the set-top box to the universal remote control for your TV.

Number button Enters numbers.

- (**Dash**) Inserts a dash between numbers such as 2-1 and 2-2.

LIST Accesses the saved channel list.

 (**Screen Remote**) Displays the Screen Remote.

- Accesses the Universal Control Menu in some regions.


QUICK ACCESS* You can access the application or Live TV channel by using the number buttons as registered.

SAP* SAP (Secondary Audio Program) Feature can be enabled by pressing the key.


B



+ VOL — Adjusts the volume level.


 **(Mute)** Mutes all sounds.


 **(Voice recognition)** Press the button and speak when the voice display window appears on the TV screen.


- Network connection is required to use the voice recognition function.

 * **(Search)** Shows the search mode.

 **CH**  Scrolls through the saved channels.



 **(Home)** Accesses the Home menu.


 **(Q. Settings)** Accesses the quick settings.

- Pressing and holding the  **(Q. Settings)** button displays the **All settings** menu.

RECENTS* Shows the previous history.

C

 (up/down/left/right) Press the up, down, left or right button to scroll the menu. If you press  buttons while the pointer is in use, the pointer will disappear from the screen and Magic Remote will operate like a general remote control. To display the pointer on the screen again, shake Magic Remote to the left and right,


 **Wheel (OK)** Press the center of the Wheel button to select a menu. You can change channels by using the Wheel button.


BACK Returns to the previous screen.


GUIDE Displays the program event according to time scheduler.

EXIT* Clears all on-screen displays and returns to TV viewing.

1 Streaming Service buttons
Connects to the Video Streaming Service.

 **(Input)** Changes the input source.



- Pressing and holding the  **(Input)** button displays all the lists of external inputs.


 Control buttons for media contents

MAGIC LINK* Provides content related to the program you are currently watching.

CAPTION Activates or deactivates the subtitles.

LIVE ZOOM By zooming in on the selected area, you can view it in full screen.

 (up/down/left/right) Press the up, down, left or right button to scroll the menu. If you press  buttons while the pointer is in use, the pointer will disappear from the screen and Magic Remote will operate like a general remote control. To display the pointer on the screen again, shake Magic Remote to the left and right.


 **Wheel (OK)** Press the center of the Wheel button to select a menu. You can change channels by using the Wheel button.

BACK Returns to the previous screen.

GUIDE Displays the program event according to time scheduler.

EXIT * Clears all on-screen displays and returns to TV viewing.

1. Streaming Service buttons

Connects to the Video Streaming Service.  **(Input)** Changes the input source.

- Pressing and holding the  **(Input)** button displays all the lists of external inputs.

 Control buttons for media contents

MAGIC LINK * Provides content related to the program you are currently watching.

CAPTION Activates or deactivates the subtitles.

UVEZOOM By zooming in on the selected area, you can view it in full screen.

FOCUS * You can zoom in on the area where the remote control is pointed.



These access special functions

in some menus.

- To use the button, press and hold for more than 3 seconds.

Registering Magic Remote

How to Register the Magic Remote


To use the Magic Remote, first pair it with your TV.

1 Put batteries into the Magic Remote and turn the TV on.

2 Point the Magic Remote at your TV and press the  **Wheel (OK)** on the remote control.

- If the TV fails to register the Magic Remote, try again after turning the TV off and back on.

How to Deregister the Magic Remote

- Press the **BACK** and  (**Home**) buttons at the same time, for five seconds, to unpair the Magic Remote with your TV.
- Pressing and holding the **CAPTION** button will let you cancel and re-register Magic Remote at once.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) . This offer is valid for three (3) years from the date on which you purchased the product.

Troubleshooting

- Cannot control the TV with the remote control.

- Check if anything such as tape has been placed over the receiver.
- Check if there is any obstacle between the product and the remote control.
- Replace the batteries with new fresh ones.
- No image display and no sound is produced.
 - Check if the product is turned on.
 - Check if the power cord is connected to a wall outlet.
 - Check if there is a problem in the wall outlet by connecting other products.
- The TV turns off suddenly.
 - Check the power control settings. The power supply may be interrupted.
 - Check if the **Timer Power Off / Sleep Timer** feature is activated in the **Timers** settings.
 - If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.
- **Abnormal Display**
 - 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 TV's performance. Avoid touching the screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.
 - This panel is an advanced product that contains millions of pixels. In a very few cases, you could see fine dots on the screen while you're viewing the TV. Those dots are deactivated pixels and do not affect the performance and reliability of the TV.
 - Displaying a still image for a prolonged period of time may cause an image sticking. Avoid displaying a fixed image on the TV screen for an extended length of time.
 - Some horizontal lines may appear when the **Pixel Refresher** feature is performed. It is normal and there is no need to be concerned.
- **Generated Sound**
 - **Cracking noise** A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal deformation is required.
 - **Electrical circuit humming/panel buzzing** A low level noise is generated from a highspeed switching circuit, which supplies a large amount of current to operate a product. It varies depending upon the product. This generated sound does not affect the performance and reliability of the product.

Specifications

Product specifications may be changed without prior notice due to upgrade of product functions.

Estimated yearly energy consumption indicated on the FTC label is measured in accordance with the Test Procedures for Television Sets (USA only).

The actual energy consumption depends on the usage environment (The content watched, TV settings, etc.).

Television System

ATSC, NTSC-M, 64 & 256 QAM

Program Coverage

VHF 2-13, UHF 14-69, DTV 2-69, CATV 1-135, CADTV 1-135

External Antenna Impedance

75Ω

Environment condition

- **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 %

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.