

Preparing

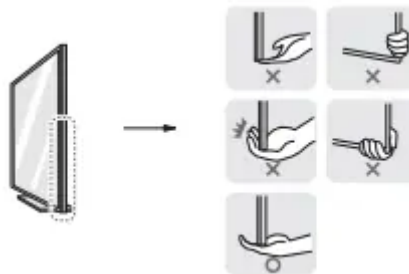
Lifting and moving the TV

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.

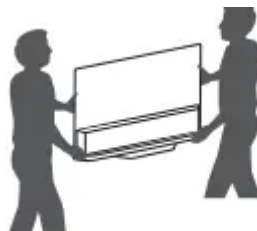
- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to avoid damage.



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

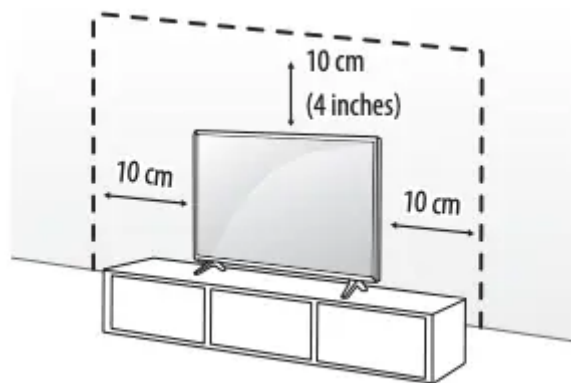


Avoid touching the screen at all times, as this may result in damage to the screen.

- 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.
- 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.

Mounting on the Table

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



(Depending on model)



Do not apply foreign substances (oils, lubricants, etc.) to the screw parts when assembling the product. (Doing so may damage the product.)

- If you install the TV on a stand, you need to take actions to prevent the product from overturning. Otherwise, the product may fall over, which may cause injury.
- 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.
- 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 strip and become loose.

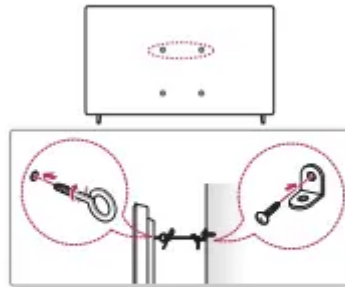
Securing TV to the Wall

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.

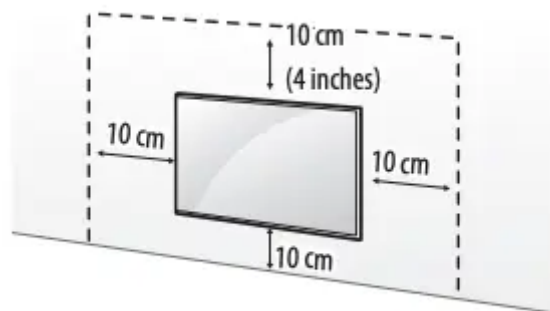
- Use a platform or cabinet that is strong and large enough to support the TV securely.
- Brackets, bolts and ropes are optional. You can obtain additional accessories from your local dealer.



(Depending on model)

Mounting to the Wall

Attach an optional wall mount bracket at the rear of the TV carefully and install the wall mount bracket on a solid wall perpendicular to the floor. When you attach the TV to other building materials, please contact qualified personnel. LG recommends that wall mounting be performed by a qualified professional installer. Please use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices. It is advised to connect all the cables before installing fixed wall mounts.

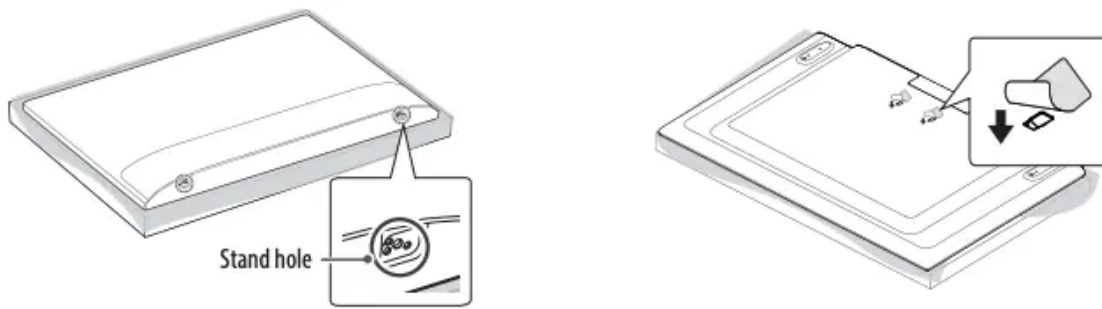


(Depending on model)



Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.

- For more information of screws and wall mount bracket, refer to the Separate Purchase.
- If you intend to mount the product to a wall, attach VESA standard mounting interface (optional parts) to the back of the product. When you install the set to use the wall mounting bracket (optional parts), fix it carefully so as not to drop.
- When mounting a TV on the wall, make sure not to install the TV by hanging the power and signal cables on the back of the TV.
- When installing the wall mounting bracket, it is recommended to cover the stand hole using tape, in order to prevent the influx of dust and insects. (Depending on model)

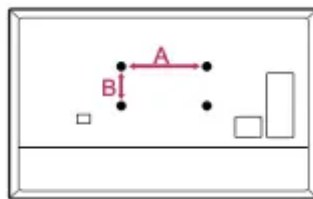


(Depending on model)

Wall Mounting Bracket

(Depending upon model)

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



| Model | 43/50/55UP70* | 65UP70* |
|-------------------------------|--|-----------|
| VESA (A x B) (mm) | 300 x 300 | 400 x 300 |
| Standard screw | M6 | M6 |
| Number of screws | 4 | 4 |
| Wall mount bracket (optional) | Buy a suitable wall mount kit in the market by referring to this table for each model. | |

Antenna/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.

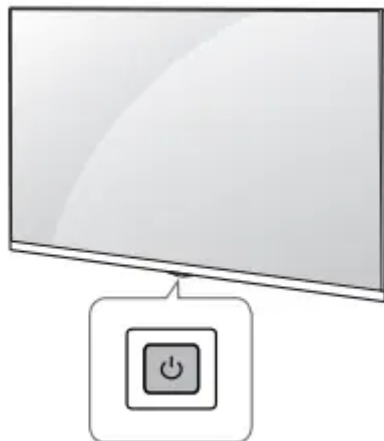


- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your TV.
- Use a signal splitter to use 2 TVs or more.
- DTV Audio Supported Codec: MPEG, Dolby Digital
- This TV cannot receive Ultra HD (3840 x 2160 pixels) broadcasts directly because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

Starting TV

Turning on the TV

You can simply operate the TV functions, using the button.




Using button





| | |
|-----------------------------------|---|
| Power On (Press) | 1) All running apps will close. |
| Power Off1) (Press and Hold) | 2) You can access and adjust the menu by pressing the button when TV is on. |
| Menu Control (Press2)) | |
| Menu Selection (Press and Hold3)) | 3) You can use the function when you access menu control. |

Note

- 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.

Adjusting the menu



When the TV is turned on, press the  button one time. You can adjust the Menu items using the button.

| | |
|---|--|
|  Turns the power off. |  Changes the input source. |
|  Adjusts the volume level. |  Scrolls through the saved channels |

Note

- 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 device must be easily accessed to a location outlet near the access. Some devices are not made by turning on / off button, turning off the device and unplugging the power cord.

Inserting the battery

- To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching the  and  ends to the label inside the compartment, and close the battery cover.




















Do not mix new batteries with old batteries. This may cause the batteries to overheat and leak.

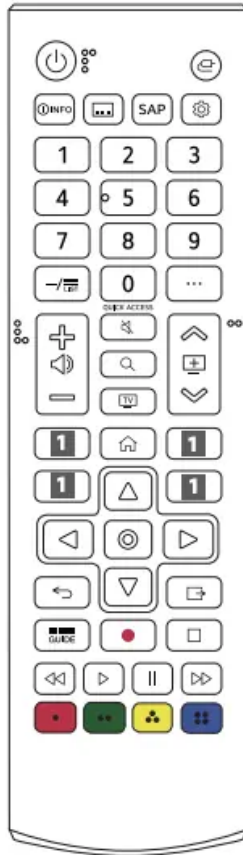
- Failure to match the correct polarities of the battery may cause the battery to burst or leak, resulting in fire, personal injury, or ambient pollution.
- This apparatus uses batteries. In your community there might be regulations that require you to dispose of these batteries properly due to environmental considerations. Please contact your local authorities for disposal or recycling information.
- Batteries inside or inside the product shall not be exposed to excessive heat such as sunshine, fire or the like.












Using Remote Control

(Depending on model)

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

-  **Power** Turns the TV on or off
-  **Dash** Inserts a — between numbers such as 2-1 and 2-2.
-  **LIST** Accesses the saved channel list
-  Displays the program event according to time scheduler.
-  Shows information on the current program.
-  Recalls your preferred subtitle in digital mode.
-  Enables SAP (Secondary Audio Program) Feature.
-  **QUICK ACCESS** Accesses the [Edit Quick Access].
- [Edit Quick Access] is a feature that allows you to enter a specified app or Live TV directly by pressing and holding the number buttons.
-  **Volume buttons** Adjusts the volume level.
-  **Channel buttons** Scrolls through the saved channels.
-  **Home** Accesses the Home menu..
-  **Home** Launches the last used apps.
-  **Input** Changes the input source.
-  **OK** Selects menus or options and confirms your input.
-  **OK** Accesses the [Magic Explorer]. When using [TV Guide], [Settings], [Sports Alert], or [Art Gallery], press and hold down on the text.



-  **Number buttons** Enters numbers.
Accesses the [Quick Help].
-  **More actions** Displays more remote control functions.
-  **Mute** Mutes all sounds.
-  **Mute** Accesses the [Accessibility] menu.
-  **Navigation button** (up / down / left / right) Scrolls through menus or options.
-  **Q. Settings** Accesses the Quick Settings
-  **Back** Returns to the previous screen
-  **Search** Check for recommended content. (Some recommended services may not be available in some countries.) Shows the search mode.
You can watch TV or LG Channels.
Clears on-screen displays and returns to last input viewing.
-  **Control buttons** Control buttons for media contents.
These access special functions in some menus.
-  Starts to record. (Only Time Machine^{Ready} supported model)
-  **Streaming Service buttons** Connects to the Video Streaming Service.

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

Note To use the button, press and hold for more than 1 second.

Connections

Connect various external devices to the TV and switch input modes to select an external device. For more information of external device's connection, refer to the manual provided with each device.

HDMI

- When connecting the HDMI cable, the product and external devices should be turned off and unplugged.





- Supported HDMI Audio format (Depending on model):



True HD (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)

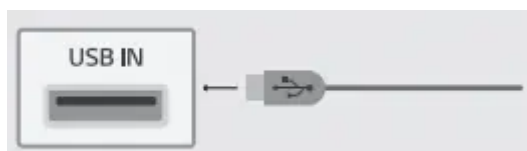
Note

If the device connected to Input Port also supports HDMI 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 Deep Color] setting to off.

-   → [General] → [Devices] → [HDMI Settings] → [HDMI Deep Color]
 - On : Support 4K @ 50/60 Hz (4:4:4, 4:2:2, 4:2:0)
 - Off: Support 4K @ 50/60 Hz (4:2:0)
- 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 (9.84 feet) or less)
- Ultra High Speed HDMI®/™ cable

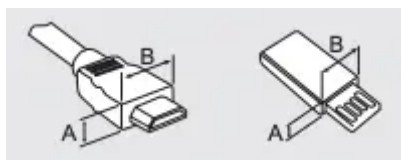
USB

Some USB Hubs may not work. If a USB device connected using a USB Hub is not detected, connect it to the USB port on the TV directly



Note

- 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 if the USB cable or USB flash drive does not fit into your TV's USB port.



* A ≤ 10 mm (0.39 inches)

* B ≤ 18 mm (0.7 inches)

External Devices

Supported external devices are: Blu-ray player, HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices.

Note

- If you record a TV program on a Blu-ray/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.
- When connecting via a wired LAN, it is recommended to use a CAT 7 cable.
- The TV may be capable of operating without a set-top-box from a multichannel video programming distributor (MVPD).

Remote RS-232C setup

To obtain the RS-232C external control setup information, please visit www.lg.com. Download and read the manual, (Depending upon model).



Do not drop the product or let it fall over when connecting external devices. Otherwise, this may result in injury or damage to the product.

- When connecting external devices such as video game consoles, make sure the connecting cables are long enough. Otherwise, the product may fall over, which may cause injury or damage the product.

Troubleshooting



| | |
|--|---|
| <p>Cannot control the TV with the remote control.</p> | <ul style="list-style-type: none"> • 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. |
| <p>No image display and no sound is produced.</p> | <ul style="list-style-type: none"> • 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. |
| <p>The TV turns off suddenly.</p> | <ul style="list-style-type: none"> • Check the power control settings. The power supply may be interrupted. • Check if the auto-off function is activated in the settings menu. • If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity. |
| <p>Abnormal Display</p> | <ul style="list-style-type: none"> • 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. |
| <p>Generated Sound</p> | <ul style="list-style-type: none"> • 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 high-speed 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. |

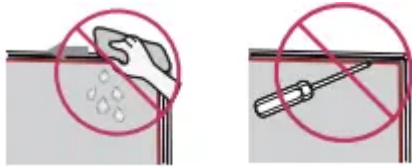




- When cleaning the product, be careful not to allow any liquid or foreign objects to enter the gap between the upper, left or right side of the panel and the guide panel, (Depending upon model).



- 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.



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.