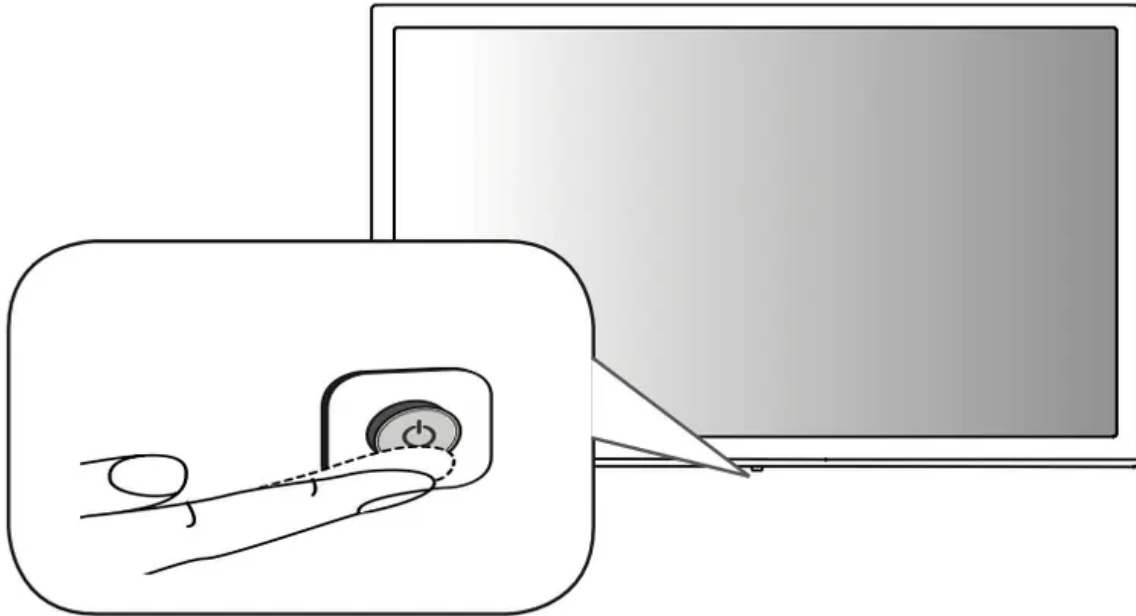



## USING THE BUTTON

- You can operate your TV by pressing the button.
- Image shown may differ from your TV.







### Basic functions

	<p><b>Power On (Press)</b></p> <p><b>Power Off<sup>1</sup> (Press and Hold)</b></p> <p><b>Menu Control (Press<sup>2</sup>)</b></p> <p><b>Menu Selection (Press and Hold<sup>3</sup>)</b></p>
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1. All running apps will close.
2. You can access and adjust the menu by pressing the button when TV is on.
3. You can use the function when you access menu control.

### Adjusting the menu

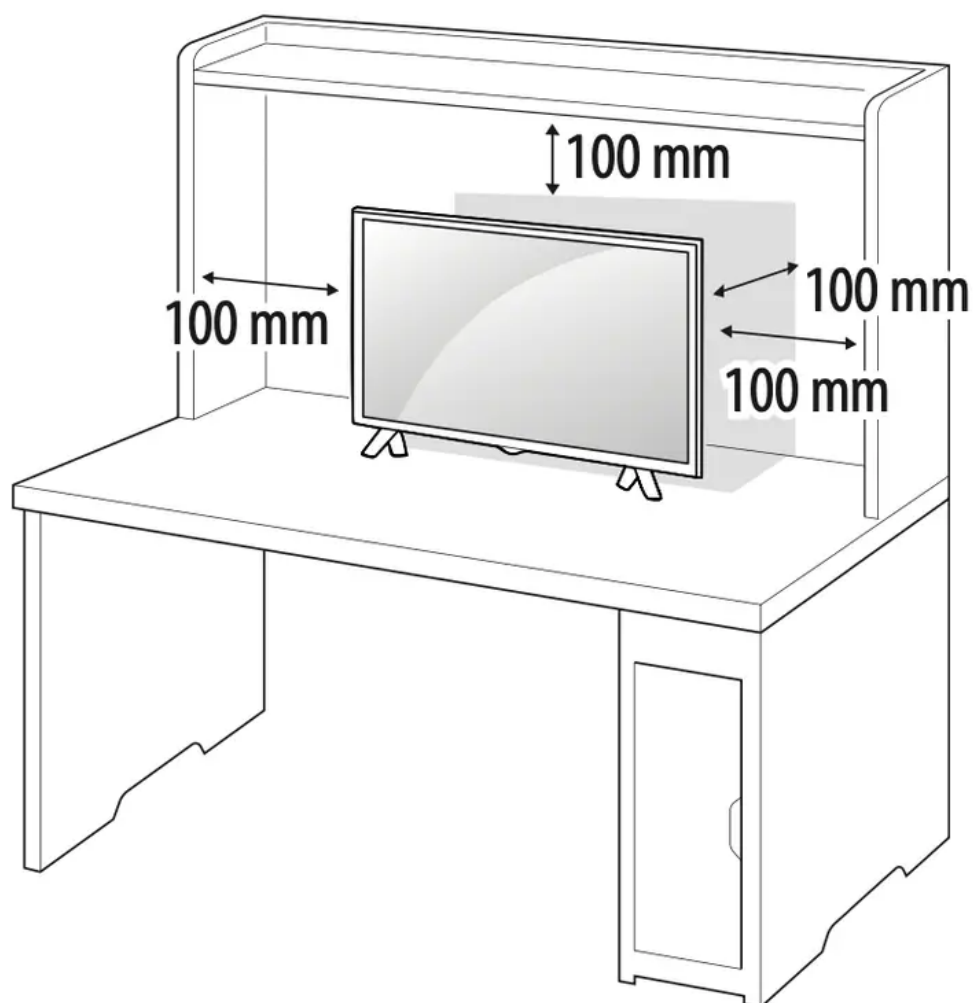
When the TV is turned on, press the button one time. You can adjust the Menu items using the button.

	Turns the power off.
	Changes the input source.
	Adjusts the volume level.
	Scrolls through the saved programmes.

## MOUNTING ON A TABLE

- Image shown may differ from your TV.

1. Lift and tilt the TV into its upright position on a table.  
Leave a 100 mm (minimum) space from the wall for proper ventilation.



2. Connect the AC-DC Adapter and power cord to a wall outlet.

### CAUTION

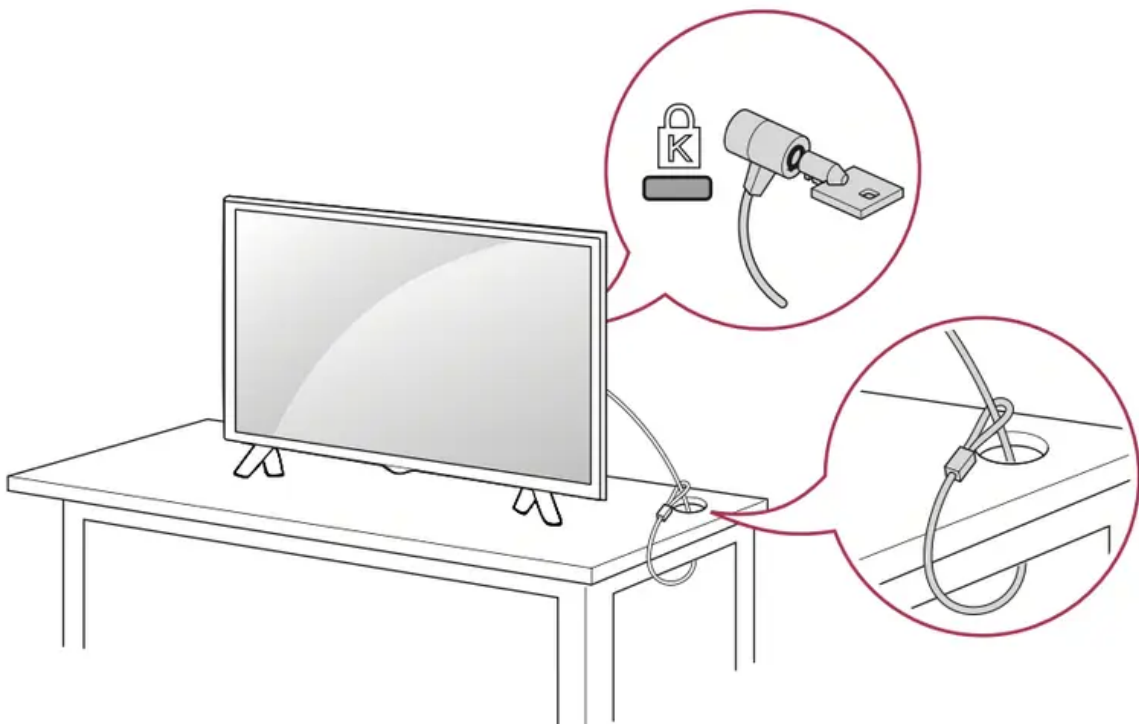
- Do not place the TV near or on sources of heat, as this may result in fire or other damage.
- Please be sure to connect the TV to the AC/DC power adapter before connecting the TV's power plug to a wall power outlet.

### Using the Kensington security system (optional)

(This is not available for all models.)

- Image shown may differ from your TV.

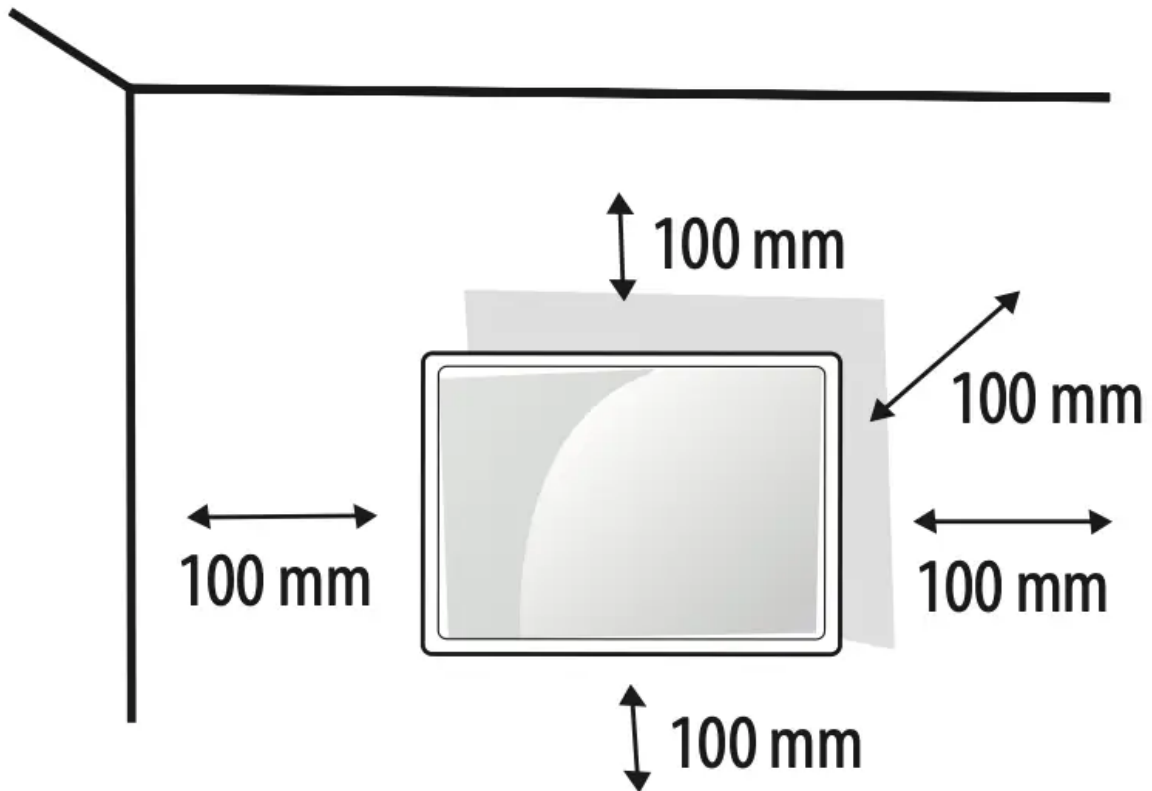
The Kensington security system connector is located at the rear of the TV. For more information of installation and using, refer to the manual provided with the Kensington security system.



**NOTE:** The Kensington security system is optional. You can obtain additional accessories from most electronics stores.

## MOUNTING ON A WALL

For proper ventilation, allow a clearance of 100 mm on each side and from the wall. Detailed installation instructions are available from your dealer, see the optional Tilt Wall Mounting Bracket Installation and Setup Guide.

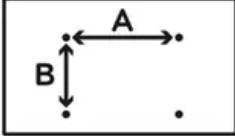


If you intend to mount the TV to a wall, attach Wall mounting interface (optional parts) to the back of the TV.

When you install the TV using the wall mounting interface (optional parts), attach it carefully so it will not drop.

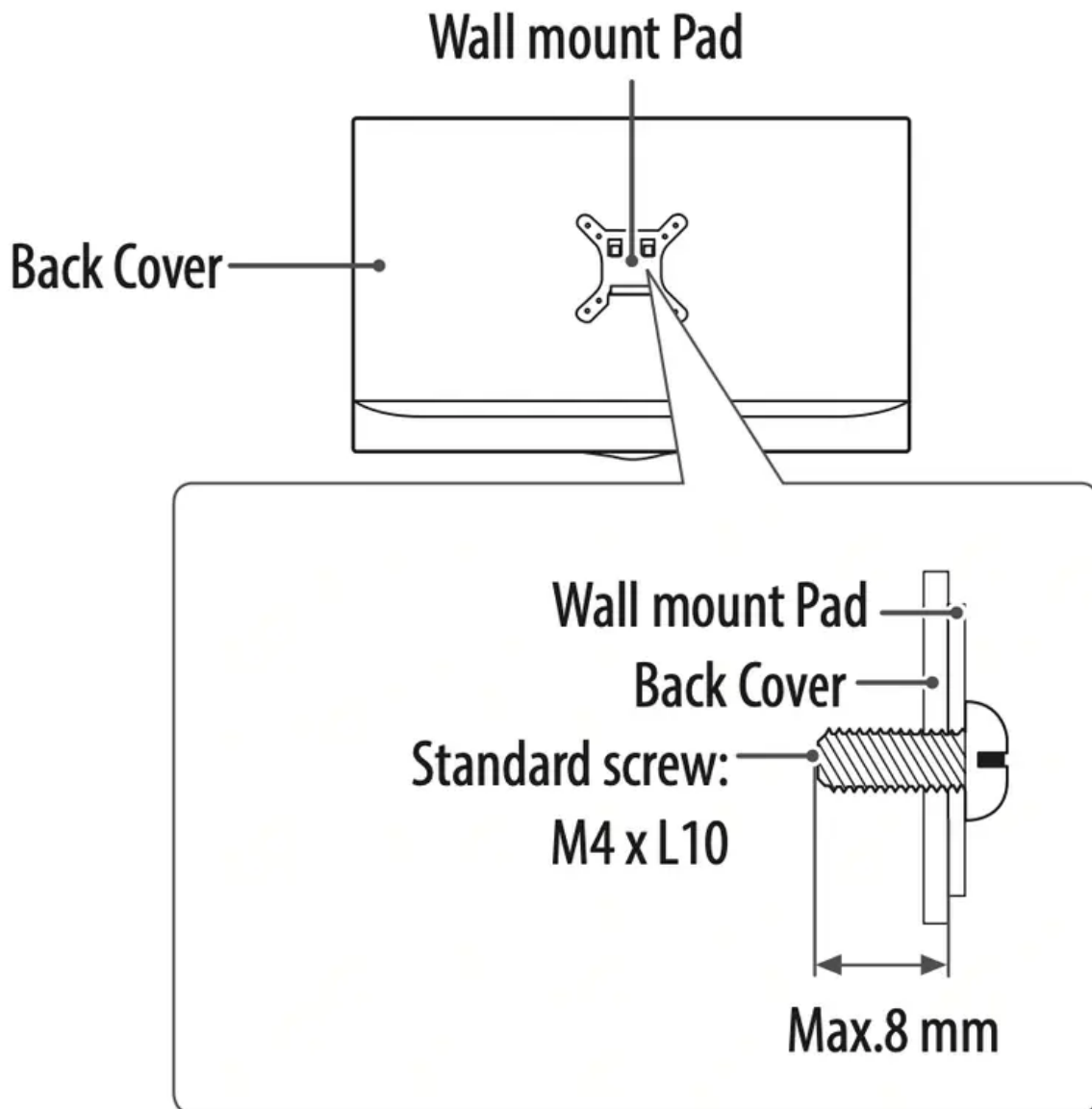
1. If you use screw longer than standard, the TV might be damaged internally.
2. If you use improper screw, the product might be damaged and drop from mounted position. In this case, LG Electronics is not responsible for it.

**Separate purchase (Wall mounting bracket)**

<b>Model</b>	<b>24TN520S 24TN510S</b>	<b>28TN525S 28TN515S</b>
<b>Wall mount (A x B) (mm)</b> 	75 x 75	100 x 100
<b>Standard screw</b>	M4 x L10	
<b>Number of screws</b>	4	
<b>Wall mount bracket (optional)</b>	LSW149	

#### CAUTION

- Must use the enclosed screw in the box. (Depending on model)
- Disconnect the power first, and then move or install the TV. Otherwise electric shock may occur.
- If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury.
- Use an authorized LG wall mount and contact the local dealer or qualified personnel.
- Do not over tighten the screws as this may cause damage to the TV and void your warranty.
- Use the screws and wall mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.
- Screw length from outer surface of back cover should be under 8 mm.



**NOTE**

- Use the screws that are listed on the VESA standard screw specifications.
- The wall mount kit includes an installation manual and necessary parts.
- The wall mount bracket is optional. You can obtain additional accessories from your local dealer.
- The length of screws may differ depending on the wall mount. Be sure to use the proper length.
- For more information, refer to the instructions supplied with the wall mount.

**CONNECTIONS (NOTIFICATIONS)**

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



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

#### **NOTE**

- The external device connection may differ from the model.
- Connect external devices to the TV regardless of the order of the TV port.
- 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 of recording, refer to the manual provided with the connected device.
- Refer to the external equipment's manual for operating instructions.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- 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.
- In PC mode, some resolution settings may not work properly depending on the graphics card.
- When connecting via a wired LAN, it is recommended to use a CAT 7 cable. (Only when port is provided.)
- Ethernet only supports 100 Base-T.
- HDR (High Dynamic Range) pictures can be viewed over the Internet or via USB and HDMI 1.4 compatible devices.

#### **Antenna connection**

Connect the TV to a wall antenna socket with an RF cable (75 Ω) (Not Provided).

- Use a signal splitter to use more than 2 TVs.
- If the image quality is poor, install a signal amplifier properly to improve the image quality.
- If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction.
- An antenna cable and converter are not supplied.

#### **Satellite dish connection**

(Only satellite models)

Connect the TV to a satellite dish to a satellite socket with a satellite RF cable (75 Ω).

#### **CI module connection**

(Depending on model) View the encrypted (pay) services in digital TV mode.

- Check if the CI module is inserted into the PCMCIA card slot in the right direction. If the module is not inserted properly, this can cause damage to the TV and the PCMCIA card slot.
- If the TV does not display any video and audio when CI+ CAM is connected, please contact to the Terrestrial/Cable/Satellite Service Operator.

### PC connection

Switch the input mode to connect with the PC using the HDMI input.



(INPUT) (Remote control) > [Home Dashboard] > [EDIT] > Select ICON > [SAVE]

### 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. Some separate cable is not provided.



- USB port supports 0.5 A electric current. If you need more electric current in case of HDD, use the separate power adaptor.

### NOTE:

- Supported HDMI Audio format:  
(Depending on model)  
DTS (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz),  
DTS HD (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz / 176.4 kHz / 192 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)

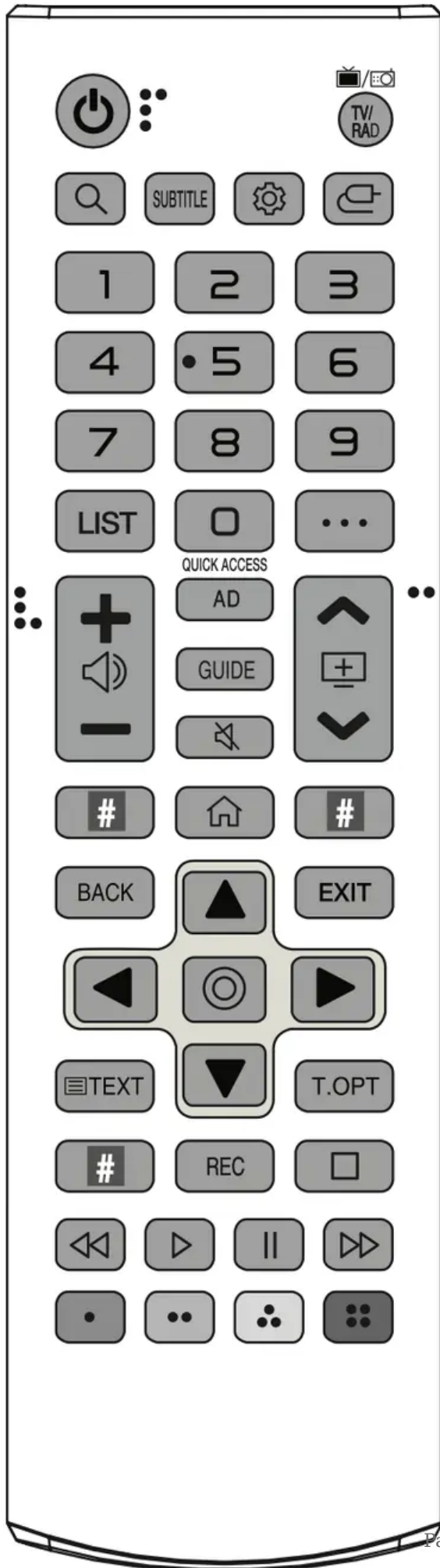
## REMOTE CONTROL

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


### CAUTION


- Do not mix old and new batteries, as this may damage the remote control.
- The remote control will not be included for all sales market. Make sure to point the remote control toward the remote control sensor on the TV.




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


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


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

**TV/RAD,**  Selects Radio, TV and DTV programme.


 **(SEARCH)** Search for content such as TV programmes, movies and other videos, or perform a web search by entering text in the search bar.

**SUBTITLE** Recalls your preferred subtitle in digital mode.

 **(Q. Settings)** Accesses the Quick Settings.

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

**Number buttons** Enters numbers.


 **9<sup>1</sup>** Accesses the [QUICK HELP].

**LIST** Accesses the saved programmes list.

**••• (MORE ACTIONS)** Displays more remote control functions.

**QUICK ACCESS<sup>1</sup>** Edits QUICK ACCESS.

QUICK ACCESS is a feature that allows you to enter a specified app or Live TV directly by pressing and holding the number buttons.


 Adjusts the volume level.

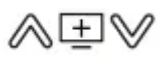
**AD** Audio descriptions function will be enabled.

**FAV** Accesses your favorite channel list.


**GUIDE** Shows programme guide.


 **(MUTE)** Mutes all sounds.

 **(MUTE)<sup>1</sup>** Accesses the [Accessibility] menu.

 Scrolls through the saved programmes.

 **Streaming Service buttons** Connects to the Video Streaming Service.

 **(HOME)** Accesses Home menu.


 **(HOME)<sup>1</sup>** Shows the previous history.

**SLEEP** Set the sleep timer.

**BACK** Returns to the previous level.


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

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


 **(OK)** Selects menus or options and confirms your input.

 **TEXT, T.OPT (Teletext buttons)** These buttons are used for teletext.

**REC** Starts to record and displays record menu. This TV does not support recording function.

 **(Energy Saving)** Adjusts the brightness of the screen to reduce energy.

 **(Control buttons)** Control buttons for media contents.

 These access special functions in some menus.

## USER GUIDE

For more information about this TV, read the USER GUIDE embedded in the product.

- To open the USER GUIDE  >  (  ) > [General] > [About This TV] > [User Guide]

## MAINTENANCE

### Cleaning your TV

Clean your TV regularly to keep the best performance and to extend the product lifespan.

- Make sure to turn the power off and disconnect the power cord and all other cables first.
- When the TV is left unattended and unused for a long time, disconnect the power cord from the wall outlet to prevent possible damage from lightning or power surges.

### Screen, frame, cabinet and stand

To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth.

To remove major dirt, wipe the surface with a soft cloth dampened in clean water or a diluted mild detergent. Then wipe immediately with a dry cloth.

- Avoid touching the screen at all times, as this may result in damage to the screen.
- Do not push, rub, or hit the screen surface with your fingernail or a sharp object, as this may result in scratches and image distortions.
- Do not use any chemicals as this may damage the product.

- Do not spray liquid onto the surface. If water enters the TV, it may result in fire, electric shock, or malfunction.

### **Power cord**





Remove the accumulated dust or dirt on the power cord regularly.

### **Preventing “Image burn” or “Burn-in” on your TV screen**

- If a fixed image displays on the TV screen for a long period of time, it will be imprinted and become a permanent disfigurement on the screen. This is “image burn” or “burn-in” and not covered by the warranty.
- If the aspect ratio of the TV is set to 4:3 for a long period of time, image burn may occur on the letterboxed area of the screen.
- Avoid displaying a fixed image on the TV screen for a long period of time (2 or more hours for LCD) to prevent image burn.

## **TROUBLESHOOTING**

### **Cannot control the TV with the remote control.**

- Check the remote control sensor on the product and try again.
- Check if there is any obstacle between the product and the remote control.
- Check if the batteries are still working and properly installed (  to  ,  to  ).

### **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 auto-off function is activated on the settings related time.
- If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.

### **When connecting to the PC (HDMI), no signal is detected.**

- Turn the TV off/on using the remote control.
- Reconnect the HDMI cable.
- Restart the PC with the TV on.

**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.

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