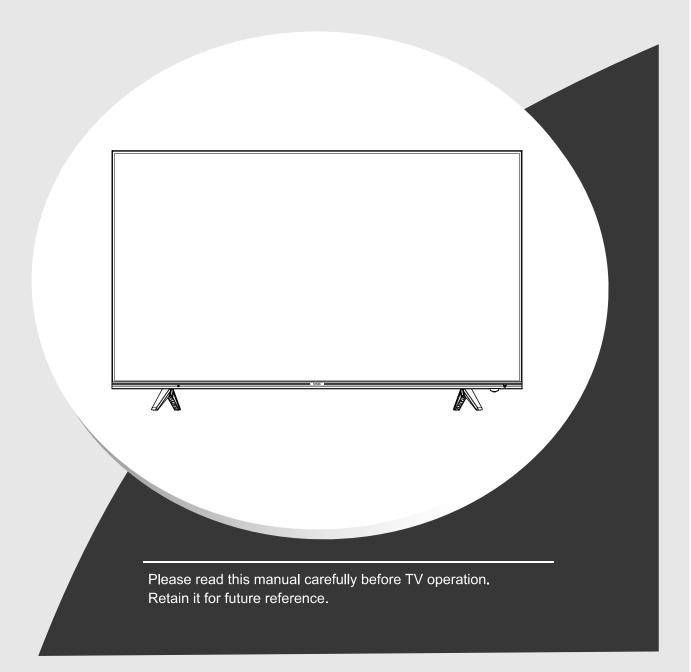




KUD50WT702AN KUD55WT702AN



Important Safety Instructions and Maintenance

Important Safety Instructions





CAUTION

Risk of electronic shock, do not open.Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

The screen and cabinet get warm when the TV is in use. This is not a malfunction. In case of smoke, strange noise or strange smell from the unit:

- Turn off the power switch immediately;
- Disconnect the power plug from the power outlet;
- Contact your dealer or service centre. Never attempt to make repairs yourself because this could be dangerous.



If the following problems occur: Turn off the TV set and unplug the AC power cord immediately if any of the following problems occur. Ask your dealer or service centre to have it checked by qualified service personnel.

When:

- AC power cord is damaged.
- Poor fitting of AC power outlet.
- TV set is damaged by being dropped, hit or having something thrown at it.
- Any liquid or solid object falls through openings in the cabinet.

Never push objects of any kind into the set through the cabinet slots as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the set. Use special caution in households where children are present. The apparatus is not suitable for children under 3-year to operate.



Do not overload wall outlets, extension cords or adaptors beyond their capacity, this can result in fire or electrical shock. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plug end, adaptors and the point where they exit from the appliance. The mains plug is used as the disconnect device. It shall remain readily accessible and should not be obstructed during intended use. Make sure to plug the power cord in until it is firmly inserted. When removing the power cord, make sure to hold the power plug when pulling the plug from the outlet, do not pull the plug out by the wire. NEVER touch the plug or power cord with wet hands. To disconnect the apparatus from the mains power, the plug must be pulled out from the mains socket, therefore make sure the mains plug is always easily accessible.

Do not push or scratch the front filter, or place any objects on top of the TV set. The image may be uneven or the screen may be damaged.

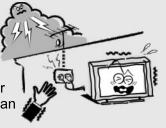
To avoid the fire, no naked flame source, such as lighted candles, should be placed on the apparatus.



Important Safety Instructions and Maintenance

Important Safety Instructions

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power



lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal. Ensuring the television is not overhanging the edge of the supporting furniture.



Do not pull the plug out by the wire; Never touch the plug with wet hands.



When not in use

If you will not be using the TV set for several days, the TV set should be disconnected from the AC mains for environmental and safety reasons. As the TV set is not disconnected from the AC power when the TV is turned off at the standby switch, pull the plug from the AC power outlet to disconnect the TV completely. However, some TV sets may have features that require the TV set to be left in standby to function correctly. In the case of lightning, unplug the TV set from the outlet immediately. Never touch the antenna wire during lightning.

Excessive volume from earphones and headphones can cause hearing loss.



Installation



The ventilation should not be impeded by covering the ventilation opening with items, such as newspapers, tablecloths, curtains, etc. At least 10 cm space should be left around the apparatus for sufficient ventilation.



The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat. Place the apparatus in such a position that the screen

is not exposed to direct sunlight. It is best to have soft indirect lighting while watching and avoid completely dark environments and reflection from the screen as these may cause eye fatigue. Keep the TV set away from any equipment emitting electromagnetic radiation.



Do not place the set on an unstable cart, stand, table or shelf. The set may fall, causing serious personal injury as well as damage to the product. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



Do not place this apparatus near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or a swimming pool; and the like;

Important Safety Instructions and Maintenance

Installation



When the TV being moved in from cold place, it needs some right time for dew inside unit evaporating fully before turn on the unit;



To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

LED Screen

Although the LED screen is made with high precision technology and 99,99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue or green) may appear constantly on the LED screen. This is a structural property of the LED screen and is not a malfunction. If the surface of the LED panel cracks, do not touch it until you have unplugged the AC power cord. Otherwise electric shock may result. Do not throw anything at the TV set. The LED panel may break from the impact and cause serious injury.

Precautions When Displaying a Still Image

A still image may cause permanent damage to the TV screen.

Do not display still images and partially still images on the LED panel for more than 2 hours as it can cause screen image retention. This image retention is also known as "screen burn". To avoid such image retention, reduce the degree of brightness and contrast of the screen when displaying a still image.

Watching the LED TV in 4:3 format for a long period of time may leave traces of borders displayed on the left, right and centre of the screen caused by the difference of light emission on the screen. Playing a DVD or a game console may cause a similar effect to the screen. Damages caused by the above effect are not covered by the Warranty.

Displaying still images from Video games and PC for longer than a certain period of time may produce partial after-images. To prevent this effect, reduce the 'brightness' and 'contrast' when displaying still images.

Cleaning

Cleaning and handling the screen surface and cabinet. Disconnect the unit from the AC outlet before cleaning. To remove dust, wipe gently with a soft, lint free cloth. If required use a slightly damp cloth.



MAINS PLUG

Wipe the mains plug with a dry cloth at regular intervals. Moisture and dust may lead to fire or electrical shock.





Use care not to subject the TV's surfaces to detergent. (A liquid inside the TV could lead to product failure, fire or electrical shock.)
Use care not to subject surfaces to bug repellent, solvent, thinner, or other volatile substances as this may deteriorate the surface and finish of the cabinet.

Important Information

If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer os the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge os the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.
- · Keep small accessories out of reach of children so they are not mistakenly swallowed.

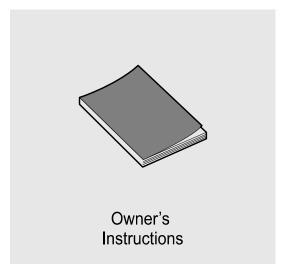
Table of Contents

Accessories	5
Introduction	6
Features	6
Specifications	7
Stand and wall-mounting instructions (optional)	8
General Description	9
Overview of front panel	9
Overview of back panel	10
Installing Batteries in the Remote Control	11
Registering Magic Remote Control	11
Overview of remote control	12
External Connection	13
Antenna connection	13
Basic operation	13
Turning the TV on and off	13
Getting Started with webOS TV	14
How to Operate TV	16
Enjoy Live TV	18
Connecting External Devices	23
Settings	28
Troubleshooting	46

Accessories

Please make sure the following items are included with your LED TV. If any items are missing, contact your dealer.





Introduction

Features

- TV adopts 50"/55" TFT LED display screen
- Zero X radiation complies to green environment protection requirement
- Connect to computer directly to realize TV/monitor combo.
- Support USB
- Auto tuning and fine tuning
- Support HDMI
- Programmable sleep timer
- Wide range voltage input
- No-signal automatic power off

Input terminals used for external equipment connection

- 1x AV Input
- 2x USB Inputs
- 1x Earphone Output
- 1x RF Input
- 1x DVB-S/S2 Input
- 3x HDMI Inputs
- 1x Network Input
- 1x SPDIF

Introduction

Specifications

Model		KUD50WT702AN	KUD55WT702AN
Display size		50" Diagonal (max.)	55" Diagonal (max.)
LED panel resolution		3840X2160	
Speaker outp	out power	≥8Wx2	
Power supply	/	110-240V~, 50/60Hz	
TV receive sy	ystem	Analog: PAL: DK I BG SECAM: DK BG Digital: DVB-T/T2/C/S DVBS/S2	
Frequency ra	inge	Analog:Antenna: 48.25MHz~863.25MHz Digital: DVB-T/T2/C: 174~862MHz DVBS/S2: 950MHZ-2150MHZ	
Video in		PAL/NTSC	
Power consu	Power consumption 140W 150W		150W
Standby com	sumption	≤0.5W	
Antenna inpu	ıt	75 ohms	
Controller po	wer	DC 3V (Two AA size batteries)	
Dimensions (LxWxH)	TV with stand	1111.2x237x709.3mm	1226.8x266x777mm
	TV without stand	1111.2x83x647.4mm	1226.8x88x712.8mm
Weight (Net weight)	TV with stand	9.6kg	11.95kg
	TV without stand	9.45kg	11.79kg
Work temperature		0°C-40°C	

NOTES:

- Design and specifications are subject to change without notice.
 Weight and Dimension shown are approximate.

Stand and wall-mounting instructions (optional)

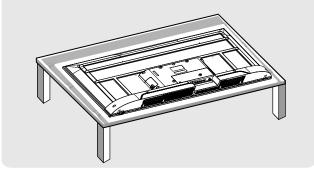
How to assemble the stand

If you need to remove or assemble the stand please read the following instructions.

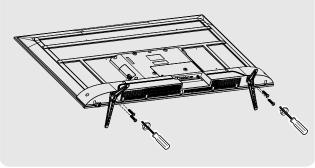
- -Before attaching/detaching the stand, make sure to turn off the TV.
- -Lay the TV face down on a soft cloth or a towel to prevent scratches.

Assembling instruction:

Step1: Before performing work, spread cushioning over the base area to lay the LED TV on. Put the television on the table.



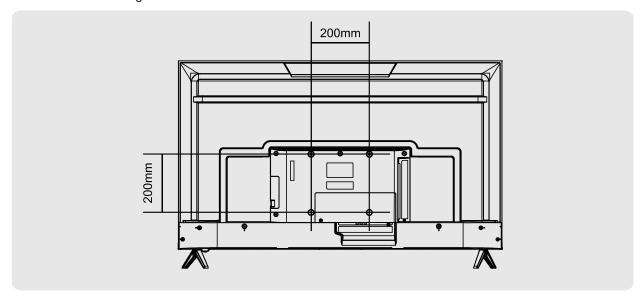
Step2: Align the Base against the corresponding screw holes on the bottom of the TV. Insert and tighten the screws to attach the Base to the TV.



- To disconnect the stand from the TV, perform the above steps in reverse order.

Stand and wall-mounting instructions (optional)

- 1. Fasten mounting screws and sleeves together into the 4 screw holes on the rear cover
- 2. Fasten wall mounting bracket with screws on the wall
- 3. Left the TV and hang it on the wall



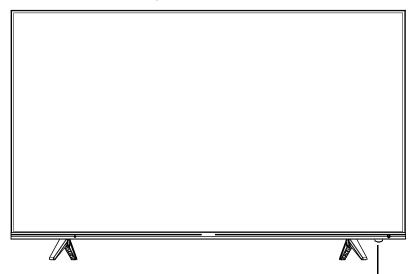
Note:

- 1. Please mount your TV on the strength of the wall for withstanding the TV's weight.
- 2. Be careful not to scratch panel and TV cabinet when your fasten the screws on the TV.

The illustrations and on-screen displays in this manual take 55" as an example, they are for explanation purposes and may vary slightly from actual product.

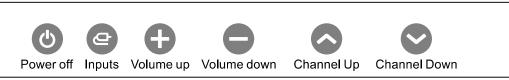
Overview of front panel

The buttons on the lower-right panel control your TV's basic features, including the on-screen menu. To use the more advanced features, you must use the remote control.



Note: The key instructions are subject to below.

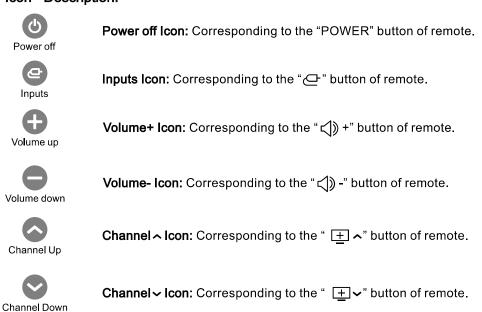
Multifunction Button POWER(power on / key function) Remote Control Sensor



Display/Hide key icons: Press the Multifunction Button once to display the icons shown above. The icons will be hidden after 5 seconds of inactivity. Long press the key 3 seconds, the TV will enter standby mode.

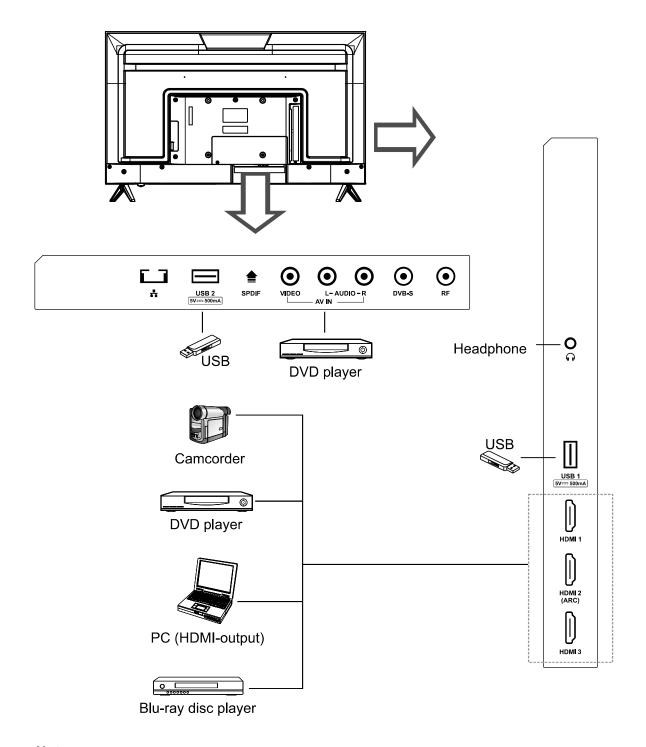
Icon selection: Short press the button, move the loop to the right, select the icon. **Icon function selection**: Long press the key to achieve the function of the selected icon.

Icon Description:



Overview of back panel

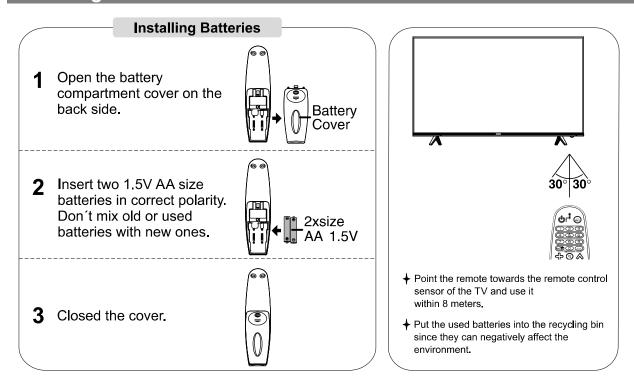
You can connect the TV with video devices such as DVD/VCD player, VCR and video camera to enjoy the high quality picture.



Note:

The product and illustrations in this user's manual is only for explanation purposes and may vary depending on model.

Installing Batteries in the Remote Control



NOTES:

- One loading of batteries will last for 1 year under normal use.
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leskage.
- · Do not use old and new batteries together.
- The batteries (battery pack or batteries installed) shall not exposed to excessive heat such as sunshine, fire or the like.

Registering Magic Remote Control

1 How to register the Magic Remote Control

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

2 How to deregister the Magic Remote Control

Press the ← (**BACK**) and ん (**HOME**) buttons at the same time, for five seconds, to unpair the Magic Remote with your TV.

*Press and hold the Total button for more than 5 seconds to disconnect and re-register and Magic Remote at the same time.

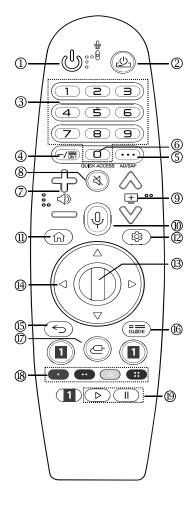
Overview of Remote Control

- ** To use the button, press and hold for more than 1 second.
- (1) (POWER) Turns the TV on or off.
- (STB POWER) You can turn your set-top box on or off by adding the set-top box to the universal remote control for your TV.
- (3) Number buttons Enters numbers.
- (4) -/ s Accesses the saved channels list.
- (5) ••• (MORE ACTIONS) Displays more remote control functions.

 AD/SAP** SAP(Secondary Audio Program) Feature can also be enabled by pressing the ••• button.
- (6) QUICK ACCESS** 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.
- ⑦ ♣Φ Adjusts the volume level.
- (8) ⋈ (MUTE) Mutes all sounds.
 - (MUTE) Accesses the [Accessibility] menu.
- (Voice recognition) Network connection is required to use the voice recognition function.

 Check for recommended content. (Some recommended services may not be available in some countries.)
 - ψ^* (Voice recognition) Speak while pressing and holding the button to use the voice recognition feature.
- (HOME) Accesses the Home menu.
 - (HOME) Shows the previous history.
- (12) (Q. Settings) Accesses the Quick Settings.
- Wheel (0K) Press the center of the Wheel button to select a menu. You can change channels by using the wheel button,
- ⚠ △▽⟨▷⟨up/down/left/right⟩ Press the up, down, left or right button to scroll the menu. If you press △▽⟨□⟩ buttons whils 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.
- \bigcirc (BACK) Returns to the previous screen.
- Displays the program event according to time scheduler.

 1 Streaming Service buttons Connects to the Video Streaming Service.
- (INPUT) Changes the input source.
- (¹) ▷,||(Control buttons) Controls media contents.



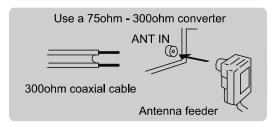
Some buttons and services may not be provided depending upon models or regions.

External Connection

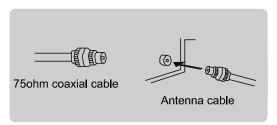
Antenna connection

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly, if the antenna cable is 300ohm parallel flat feeder cable, you need to use the 300ohm/75ohm converter to connect the antenna cable to the antenna jack. For details Please refer to the following drawing.

Antennas with 300 Ω flat twins Leads



Antennas with 75 Ω Round Leads

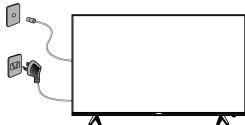


Basic Operation

Turning the TV On and Off

How to turn the TV on or off

- 1. Insert the power cord plug into a polarized AC outlet.
- 2. If TV is in standby mode, press **POWER** button on the remote control or \circlearrowleft button on the back panel of LED TV.



- 3. Normal picture will be displayed on the screen after 10 seconds. If no signal input, "No Signal" will be displayed on the screen.
- 4. If temporary POWER off is required, press POWER button on the remote control or ϕ button on the back panel.
- 5. If you want to completely switch off the power for this unit, unplug the power cord plug for this unit.
- 6. After switching off the unit, you should wait at least 5 seconds before switching on again.

Status indication lamp

Red: In standby mode. Green: In power on mode.

Auto power-off

1. If there is no signal, the TV will automatically enter standby mode after 15 minutes.

Memory before turning TV off

The picture and sound settings and preset channels will be memorized at the point when the TV is turned off. When the TV is started up again it will work accordingly with these settings.

Getting Started with webOS TV

Home Tutorial

You can open the Home screen by pressing the $\widehat{\Box}$ button on your remote control. You can open apps and content or use various features of the smart TV.

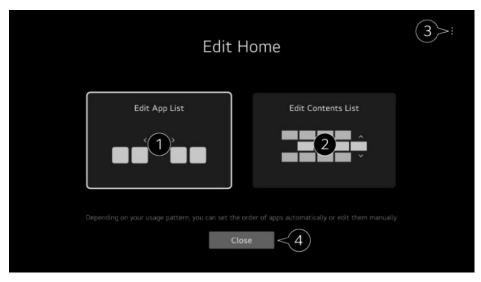


- 1. You can log in to your LG Account or view basic information about the account to which you are currently logged in.
- 2. Launch Search.
- 3. Returns to the most recently used TV or external input.
- 4. You can run, move, and delete the apps installed on your TV.
- Available features vary depending on the region or service.

Manage Home

You can change the order of the displayed apps or content lists by pressing the $\widehat{\Box}$ button on the remote control.

Roll the Wheel (OK) button on the Magic Remote to scroll through the menu, You can enter edit mode by selecting \mathcal{O} located at the bottom of the screen.



Getting Started with webOS TV

Manage Home

- 1. Enters the Edit App List mode.

 Depending on your usage pattern, you can set the app order automatically or edit it yourself.
- 2. Enters the Edit Contents List mode.
 You can directly edit the order of the content list displayed in Home.
- 3. Reset App Order: Resets the order of items in the app list.

 Reset Usage Data: It resets the content view history and the app usage history. If you reset them, it takes some time to receive recommendations for contents again.

Home Settings: When turning the power on, go to the screen that sets the Home behavior or advertising display.

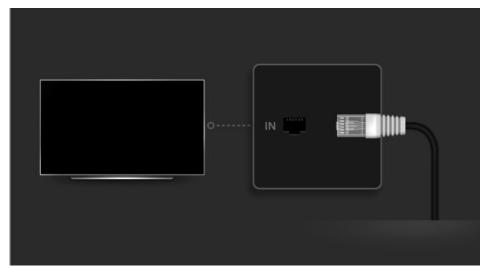
User Guide: Move to the User Guide app.

- Items that can be set may vary depending on the edit mode.
- 4. Exits edit mode.

Connecting to the Network

If you configure settings for the network, you can use various services such as online contents and applications.

Setting a Wired Network



Connect the LAN port of the TV and the router using a LAN cable. The router should be connected to the Internet beforehand.

- If the router supports DHCP, the TV is automatically connected to the network when you connect the TV to the network with a LAN cable.

Getting Started with webOS TV

Connecting to the Network

Setting a Wireless Network



- 1. Turn on the power of the router connected to the Internet.
- 2. Press the () button on the remote control.
- 3. Select (:) → General → Network → Wi-Fi Connection.
- 4. When the network search is complete, the list of networks available for connection is shown.
- 5. Select a network to connect.

If your wireless LAN router is password protected, enter the password configured for the router.

How to Operate TV

Pairing the Magic Remote

Learn More about Magic Remote

You can select the functions you want easily and conveniently by moving and clicking the cursor on the TV screen, just as you would use a mouse on a computer screen.

Pairing the Magic Remote

You must pair the Magic Remote with the webOS TV to use It.

Pair the Magic Remote prior to use as follows:

- 1. Turn on the TV. After about 20 seconds, point the remote toward the TV and then press the Wheel (OK).
- 2. The remote control will automatically be registered, and the pairing completion message is displayed on the TV screen.

If the Magic Remote failed to register, turn the TV off and back on, and then try to register again.

Re-registering the Magic Remote

If the Magic Remote's pointer does not appear on the TV, you must re-register it.

- 1. Hold the remote control towards the TV and long-press GUIDE button until the instruction appears.
- 2. The previously registered remote control is deregistered and then registered again.

How to Operate TV

Using TV Functions through Speech

You can easily and quickly access the TV's various functions through speech recognition.

- 1. Press and hold the $\frac{1}{4}$ button on the remote control and speak out the function you want to launch or the keyword you want to use for your search.
- 2. Once you release the ψ button after your speech input, the corresponding function is launched.



- Some models may not be supported.
- Menu Language must be set as the official language of the country in Location to see correct search results. If Menu Language is not set as the official language, some functions may be limited.
- You can change the language in $\{O\} \rightarrow (:) \rightarrow General \rightarrow System \rightarrow Language \rightarrow Menu Language.$
- The languages available for voice recognition features may be changed in accordance with Service Operation Policy.
- Details of service may vary by model.
- Please note that the services enabling voice commands, voice recognition and other smart features may be changed, removed or terminated, without notice, by the manufacturer or its third party providers.
- You can change the voice-related settings or see which features are available to be used with the voice in (○) → (:) →General →Al Service →Voice Recognition Settings/Voice Recognition Help.

Making the most of live menu

You can use the relevant features with ease when watching TV broadcasts. Press the LIST button on the remote control.

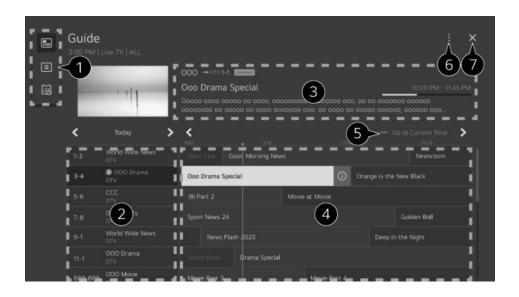


- 1. Guide: You can view programmes and the schedule of each programmes.
- 2. Programmes: View a list of broadcast content that is currently being broadcast.
- 3. TV Scheduler: You can enter the time and date of a programme to schedule watching or recording it at the set time.
- 4. Recordings: You can check the recordings stored in the storage device and play the recordings.

Viewing guide

You can view programmes and the schedule of each programmes.

- 1. Run Live TV by pressing 句.
- 2. Press the (:) button on the remote control and select Guide.



Viewing guide

- 1. Select each area to access the corresponding feature.
- 2. You can view information on the programme and broadcaster.
- 3. You can view information about the programme you are currently watching as well as the focused programme information.
- 4. Select the ① button or the title of the desired programme. You can view more information on the programme and perform Watch/Record (only available on certain models) or Rerminder/Scheduled Recording (only available on certain models),etc.
- 5. You will be taken to the programme list for the current date and time.
- 6. Programme Manager: Launch Programme Manager.

Programme Row: You can change the size of the programme list to adjust the number of programmes displayed on the screen.

Filters: Sets the filter.

Mini TV: You can turn on/off Mini TV.

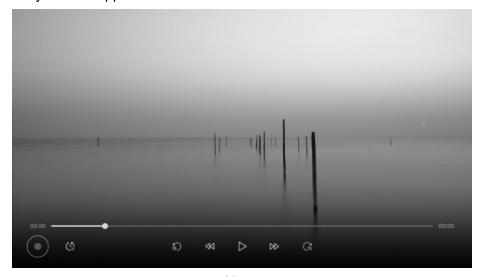
User Guide: Move to the User Guide app.

- 7. Closes the app.
- Programme information is not displayed for programmes with no provided broadcast information.
- Some models may not be supported.
- The configurable items differ depending on model.

Live playback

It is a function you can use to temporarily save the programme you are currently watching to a USB HDD, so you can play back any scenes you might miss while watching TV. This function allows you to continue watching from where you were previously if you go out for a while.

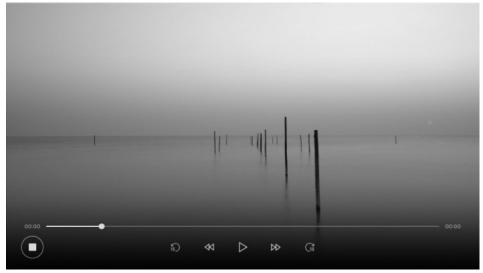
- 1. Input the USB HDD in the USB port.
- 2. Press the (:) button on the remote control and select Live Playback.
- 3. The Live Playback setting confirmation screen appears. Complete the settings and press the OK button.
- 4. During watch the live broadcast, select a point on the progress bar which you want by the pointer. You can also press the ◀/▶ buttons on your remote control to use this feature. Select a previous point than the current point on the progress bar.
- Some models may not be supported.



Recording

- 1. Connect a USB HDD or USB stick to a USB port. It is recommended that you record to a USB HDD.
- 2. Press the (:) button on the remote control and select Record.

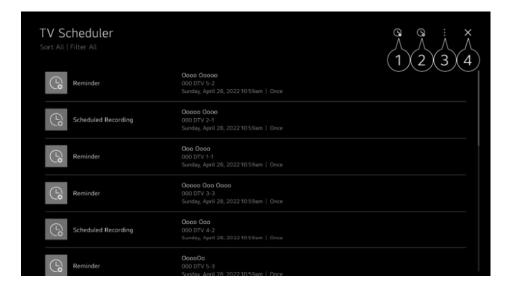
- To end the recording, press the \odot button on the remote control during recording and select Record.



Using TV Scheduler

You can enter the time and date of a programme to schedue walching or recsinn it at the set time.

- 1. Press 🕠 on the remote control to select live TV and view the live broadcast.
- 2. Press the : button on the remote control and select TV Scheduler. The TV Scheduler screen will be displayed.



Using TV Scheduler

1. You can set the New Scheduled Recording.

2. You can set the New Reminder.

3. Sort: You can sort the list.

Filter: Sets the filter.

Delete: You can set the Delete Mode.

Guide: Launch Guide.

User Guide: Launch User Guide.

Quit App: Turns off the app from running in the background.

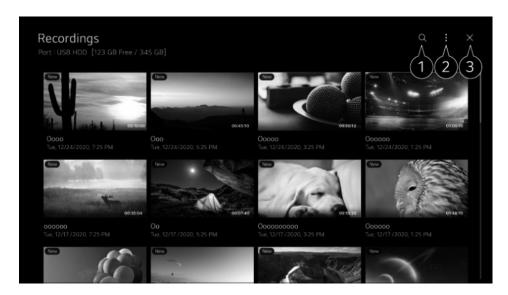
4. Closes the app.

Playing Recorded TV programs

Managing Recordings

You can view and play recordings stored on storage devices by using the Recordings app.

- 1. Run Live TV by pressing 🙃 .
- 2. Press the (:) button on the remote control and select Recordings



- 1. Launch Search.
- 2. You can apply settings, such as storage devices and sort options, for the content list.
- 3. Closes the app.
- You can only play recordings made on the current TV in Recordings.
- When playing an HFR (High Frame Rate) recording, the motion of the screen may differ from that of the original recording.
- Some models may not be supported.

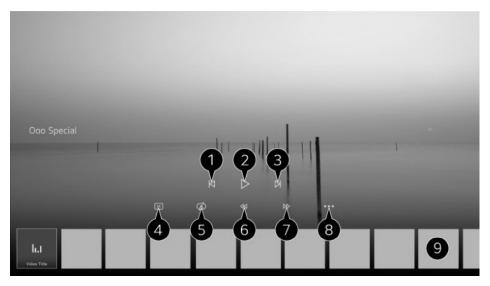
Playing Recorded TV programs

Playing Recordings

You can access and operate basic features such as playback and pause on the playback screen.

- 1. Select your desired recording from the Recordings app.
- 2. Pressing the **◄/▶** buttons on the remote control allows you to skip backward/forward 10 seconds. You can control the playback of your desired recording by pressing the Wheel(OK) button during playback.

You can access more features by pressing the ▼ button on the remote control while using the playback control.



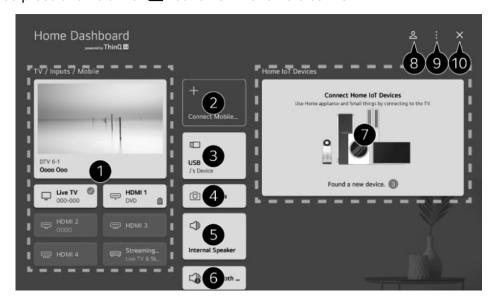
- 1. Shows the previous recording.
- 2. Plays or pauses the recording.
- 3. Shows the next recording.
- 4. Turn subtitles on or off.
- 5. You can set continuous playback.
- 6. Fast-rewinds the video at higher speeds.
- 7. Fast-forwards the video at higher speeds.
- 8. You can set features such as Resume and the audio language that can be outputted.
- 9. A list of recordings is shown below.
- The configurable itens differ depending on model.

Using Home Dashboard

You can select or control a device (mobile, external device, Home IoT Devices, etc.) connected to the TV.

Run Home Dashboard by pressing the $\ \ \ \ \ \ \ \$ button on the remote control .

You can also press and hold the 🕒 button on the remote control.



- 1. You can check and select the external device connected through the external input port or network.
- 2. Connect your mobile device to TV to share the mobile screen and enjoy the stored contents.
- 3. It can only be selected if you have connected a USB storage device or a media server.
- 4. The connected camera is launched.
- 5. The currently selected output speaker is displayed, and you can navigate to the output speaker settings screen.
- 6. You can view the list of connected Bluetooth devices and select one.
- 7. You can check and control the device connected via the Home IoT.
- 8. You can log in or out with your LG ThinQ account.
- 9. Edit Inputs: You can edit the name of the connected device or apply the related settings.

 Edit home IoT devices: You can hide of show connected Home IoT Devices and rearrange the list.

 Notification: You can turn on or off the notification on the connected device.

Universal Control Settings: Move to the Universal Control Settings app.

User Guide: Move to the User Guide app.

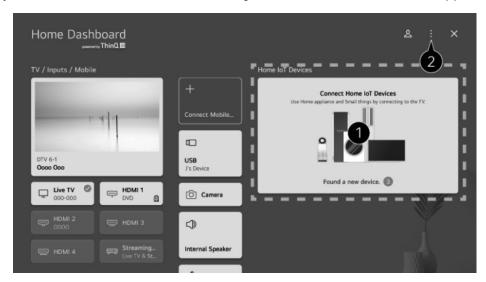
Quit App: Turns off the app from running in the background.

- 10. Closes the app.
- -Available settings vary depending on the model or region.

Connecting Home IoT Devices

You can check and control the status of the connected Home IoT Devices.

- 1.Install LG ThinQ app on your smartphone.
- 2.Log in to your LG ThinQ account, and register your own LG ThinQ device.
- 3. Press the button on the remote control and select Home Dashboard.
- 4. Press the \triangle at the top right to select the Sign In.
- 5.Log in to your LG ThinQ account. A list of the registered LG ThinQ devices will appear.



1. You can check the connection guide for Home IoT Devices. You can connect and display the devices registered to your LG ThinQ account. Once the device is connected, the card will be changed to a smaller size and appear at the bottom of the device connection list.

2.Select (:) → Edit home IoT devices.

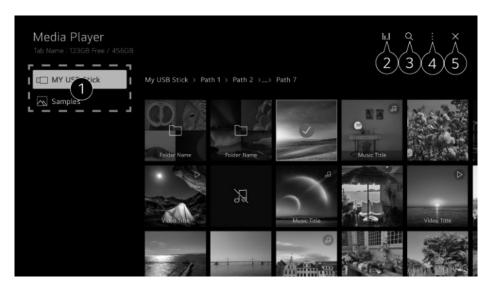
Edit List: You can Show/Hide or change the order of the devices connected to Home IoT Devices. Connectable LG ThinQ devices and available functions may differ between mobile and TV.

Using the Media Player

You can search and view photos or play videos and songs with the Media Player app.

- 1.Press the 向 button on the remote control.
- 2.Run the Media Player app.
- 3. Select a device to use from the device list.
- 4. Select the content to play.

Using the Media Player



- 1. You can select a device connected to your TV.
- 2. Displayed only when music is playing .Press the to access the Play Music screen.
- 3. Launch Search.
- 4. View Type: Selects a content display mode.

Sort: Select the option to sort content.

Group: If you filter by Music, you can group content into categories such as Artist and Album.

Selection Play: You can select and play multiple pieces of content.

Delete: You can select and delete multiple pieces of content.

User Guide: Move to the User Guide app.

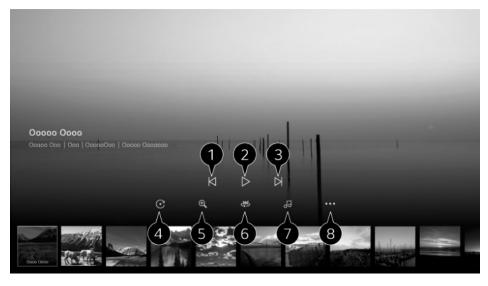
Quit App: Turns off the app from running in the background.

5. Close the app.

Viewing Photos

You can select a photo from the Media Player app and view the photo.

You can use more features by pressing the ▼ button on the remote control while viewing a photo.



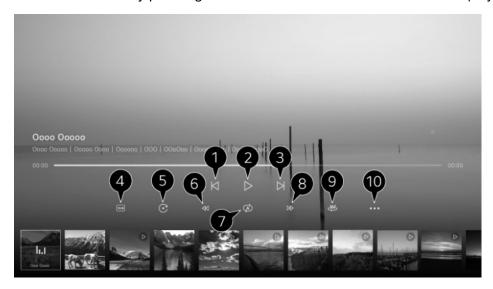
Viewing Photos

- 1. Shows the previous content.
- 2. Starts the slide show.
- 3. Shows the next content.
- 4. Rotates photos.
- 5. Enlarges or reduces the photo.
- 6. 360-degree photos can be viewed in 360 degrees.
- 7. You can set the size of a photo or change the speed and effect of a slide show.
- 8. Plays a music file selected from the storage devices as background music.

Playing Videos

You can select a video from the Media Player app and play the video.

Pressing the ◀/▶ buttons on the remote control allows you to skip backward/forward 10 seconds. You can access more features by pressing the ▼ button on the remote control while playing a video.



- 1. Shows the previous video.
- 2. Plays or pauses the video.
- 3. Shows the next video.
- 4. You can change subtitle settings.
- 5. Rotates videos.
- 6. Fast-forwards the video at higher speeds.
- 7. 360-degree videos can be viewed in 360 degrees.
- 8. You can do the settings related to play on repeat of the video.
- 9. Fast-rewinds the video at higher speeds.
- 10. Resume Play: You can set continue watching to resume playing from the last viewed scene.

Play Speed: Sets the playback speed.

Audio Track: You can set audio tracks.

User Guide: Move to the User Guide app.

Quit App: Turns off the app from running in the background.

Listening to Music

You can select a song from the Media Player app and play the song.

You can use more features by pressing the ▼ button on the remote control while playing a song.



- 1. You can set the random play mode.
- 2. You can set the repeat play mode.
- 3. Lyrics are available for music files that provide them. In some music files, you can choose a lyric section and move the playback position.
- 4. You can listen to music with the screen turned off.
- 5. Lyrics Sync: You can set the lyric speed.

User Guide: Move to the User Guide app.

Quit App: Turns off the app from running in the background.

Sharing PC Content

Watch content saved in your PC on the TV

You can enjoy videos/music/photos stored on your PC on the TV when these devices are connected to the same network.

Browse the content on your PC to watch on TV (Windows 10)

- 1. Connect your TV and PC to the same network.
- 2. Right-click the file you want to play and select "Cast to Device".
- 3. Select the name of the TV you want to watch from the displayed list, and playback will start on that TV.
- -Even when multiple TVs or devices are connected, the selected file is only played through one device. The playback rate may vary depending on the network connection.
- -To play on other operating systems or devices, refer to the manual of the operating system/device.

Sharing PC Content

Browse and watch the content stored on the PC using the TV (Windows 10)

- 1. Connect your TV and PC to the same network.
- 2. Open the "Start" menu on your PC screen, search for "media streaming options" and then select the result that appears.
- 3. Select the "Turn on media streaming" button in the window that opens.
- 4. Allow all of the "media streaming options".
- 5. Select "OK" to save the settings.
- 6. Select the connected PC in the Home Dashboard app on the TV, and then select and play the file you want.
- -To play on other operating systems or devices, refer to the manual of the operating system/device.

Watching PC Screen on TV

Connect Wireless (Windows 10)

- 1. Enable Screen Share mode on the PC. Your TV will be displayed in the list of available devices.
- 2. Select your TV and request connection.
- 3. After the connection is established, the TV will display the screen of the connected device.

Connect wired

- 1. Connect the PC with TV by HDMI cable.
- 3. After the connection is established, the TV will display the screen of the connected PC.

SETTINGS

Quick Settings

To Use Setting Function Quickly

Set of light-weight controls quickly and simply such as Picture Mode, Sound Out, Game Optimiser and so on. _

Press the 🔯 button on the remote control.

Quick Settings



- 1. You can set Picture Mode.
- 2. You can set Sound Mode.
- 3. You can choose Sound Out.
- 4. Directs to the Game Optimiser settings.
- 5.Directs to the Network settings.
- 6. You can set more options.
- 7. You can add/delete the quick setting items or change their order.

Picture

Selecting picture Mode



Select the picture mode that is best suited to your viewing environment, preferences or video type. Select a picture mode. By adjusting and setting each item in more detail based on the mode, your video is better optimised for its characteristics.

- The configurable items differ depending on model.

When You Use Normal Signals, You can select Vivid/Standard/Eco/Cinema/Sports/Game Optimiser. When You Use the HDR/Dolby Vision Signals, You can select Vivid/Standard/Cinema/Game Optimiser.

Aspect Ratio



You can change the screen size according to the type of content you are watching. You can select 16:9/Original/Full Wide/4:3/Vertical Zoom/4-Way Zoom/Just Scan.

- The configurable items differ depending on model.
- Selecting a different screen size from the original size may cause the image to look different. Depending on the combination of picture format and screen size, the edges may be hidden or shown in black, or both sides of the picture may flicker. Also, when selecting an item shown on the broadcast screen, the outline may not be aligned correctly.
- Depending on the input signal, the available screen sizes may be different.

Picture

Brightness

You can adjust the brightness of the entire screen.

The options include Panel Brightness/LED Pixel Brightness/Adjust Contrast/Black Level/Auto Dynamic Contrast/Gamma(Adjust Brightness)/Video Range.

- The configurable items depending on model.
- Depending on the input signal or the selected picture mode, the available options may differ.

Colour



The options include Colour Depth/Tint/Fine Tune/Color Adjustment/White Balance/Color Temperature.

- Depending upon the input signal or the selected picture mode, the available options may differ
- The configurable items differ depending upon model.

Clarity



You can adjust the contrast of a Picture to show it more clearly.

The options include Adjust Sharpness/Super Resolution/Noise Reduction/Real Cinema/TruMotion

- -The advanced settings can be changed only in User Selection mode.
- -Depending upon the input signal or the selected picture mode, the available options may differ.
- -The configurable items differ depending upon model.

Apply to All Inputs



The settings you specify only applies to the currently selected input mode.

To apply your current picture settings to all input modes, select Apply to All Inputs.

Reset

If you want to reset the image settings to the factory defaults after configuring the image settings, select reset for each image mode.

Sound

Select Mode



You can select the most suitable sound mode for each genre: Standard / Cinema/Clear Voice / Clear Voice Pro / Sports / football / Cricket / Music.

- -This setting is only available for Internal TV Speaker.
- -The configurable items differ depending on model.

Sound

Sound Out

The options include Use TV Speaker/Use Wireless Speaker/Use Wired Speaker/Use External Speakers with TV speaker.

Balance

You can adjust the volume of the left and right speakers.

-This setting is only available for Internal TV Speaker.

Equalizer

You can adjust the sound by increasing or decreasing the output of the specific frequency range of the voice signal.

- This option can be enabled if Sound →Select Mode is set to Standard.
- This setting is only available for internal TV speaker.

Apply to All Inputs

The settings you specify only applies to the currently selected input mode.

To apply your current sound settings to all input modes, select Apply to All Inputs.

Reset

Restores the detailed effect settings for the Standard sound mode to the initial settings.

-This setting is only available for Internal TV Speaker.

Installation Type

This mode optimises the sound based on the TV setup.

The options include Stand / Wall-mounted.

-This setting is only available for Internal TV Speaker.

Sound

Automatic Volume Adjustment

Sound—Advanced Settings— Automatic Volume Adjustment

If it is set to On, the volume will be automatically adjusted to a suitable level for each content you watch to help you enjoy watching more comfortably.

-This setting is only available for Internal TV Speaker.

Match Screen and Sound

Outputs the broadcast signals or the sound from external devices without any audio delay. The audio may be output before the video because of the time the TV takes to process the video input. -Available options vary by Sound Out setting.

Select HDMI Input Audio Format

♦ Sound→Additional Settings→Select HDMI Input Audio Format
You can set the audio format for each HDMI input. When connected to devices or content that support the latest surround sound technology, setting to Bitstream will enable you to listen to the intended sound quality. When the voice delivered through the HDMI port is not synchronized, set it to PCM.

LG Sound Sync

Connect the LG Sound Sync device to the optical digital input port and set Sound Out to Optical Out Device. By setting this feature to On, you can adjust the volume of the connected LG Sound Sync device using a TV remote control.

-If the auto-power feature of the sound bar that supports LG Sound Sync is set to On, the sound bar will be turned on or off together when the TV is turned on or off.

Digital Sound Output

You can configure the Digital Sound Output settings.

The options include PCM and Auto / Pass Through.

-This setting is only available when ﴿ → Sound → Sound Out → Use Wired speaker is set to Optical out device / HDMI ARC device.

eARC Support

eARC is a technology that can send and receive more sound information faster thanks to its wider bandwidth than that of the conventional ARC. You can enjoy TV sound with higher quality than ARC through a connected audio device.

- -Connect an audio device that supports eARC to the HDMI(eARC/ARC) port.
- -Go to Sound Out →Use Wired Speaker and choose HDMI(ARC) Device.
- -Set eARC Support to On.

Al Service



② → ○ → General → Al Service → Voice Recognition Help It shows a list of voice commands the TV can perform.

Using Recognition Settings

☐ → ☐ → General → Al Service → Voice Recognition Settings You can apply settings for voice recognition features.

Al Recommendation

You can get content recommendation messages according to your content viewing history and appusage history.

Game Optimiser

Sets up the features for an immersive experience when you play with a video game console.

- 1.Press the (button on the remote control.
- 2. Select Game Optimiser.
- 3. Selecting On turns on all related settings.
- 4. The options include Game and Picture.

Game options include Game Genre / LED Motion / Reduce Blue Light / Dark Room Mode / Prevent input delay(input lag) / Game Dashboard / VRR / Fine Tune Dark Areas / Menu Colour / User Guide.

Picture options include Black Stabiliser / White Stabiliser / Adjust Contrast / Black Level / Adjust Sharpness / Colour Depth / Reset / Wide Aspect Ratio / Screen Position / Advanced Picture Settings.

- -It only works with HDMI inputs.
- -If you set ♀ : →Picture →Select Mode to a mode other than Game Optimiser, some items in Game Optimiser cannot be set.
- -If you turn this feature On, you cannot change some video settings items.
- -When Game Optimiser is set to On, audio delays may occur if you set Sound Out to Bluetooth Device/Optical Out Device / HDMI(ARC)Device. Switch to Use TV Speaker or change $\{O\} \rightarrow \{O\}$
- →Sound →Advanced Settings →Select HDMI Input Audio Format to PCM.
- -The configurable items differ depending on model.

Auto Tuning

 ⇔ General → Programmes → Programme Tuning (Programme Tuning & Settings)
 → Auto Tuning.

Automatically tunes the Programmes.

- 1.Select Country where the TV is used. Programme settings change depending on the country you choose.
- 2.Initiate Auto Tuning.
- Select programme tuning modes.
- 4. Set Auto Tuning following screen instructions.

Programmes

Manual Tuning

→ General → Programmes → Programme Tuning (Programme Tuning & Settings) → Manual Tuning.

This function is for manually searching and saving programmes.

For digital broadcasting, signal strength and signal quality can be checked.

Transponder Edit

- -This function only works when the programme mode is satellite.
- -If the System Operator provides 'user home TP edit' feature, it will show the $\ \Box$ on the screen. So that you can set the desired Transponder as Home by pressing the $\ \Box$. (This feature is available on certain service provider only.)

Regional Programme

- -Some models may not be supported.
- -Service providers or regions are subject to change, and the services can be terminated without prior notice.

Programme List Update

→ : → General → Programmes → Programme Tuning & Settings → Programme List Update It updates the changed Programme List information by based on country broadcasting circumstance and satellite.

It updates the Programme List when the TV is turned off.

After updates, the Programme List may be changed. If not want, select Off.

-Some models may not be supported.

Programmes

Signal Test

→Signal Test

Shows the MUX and Service information etc.

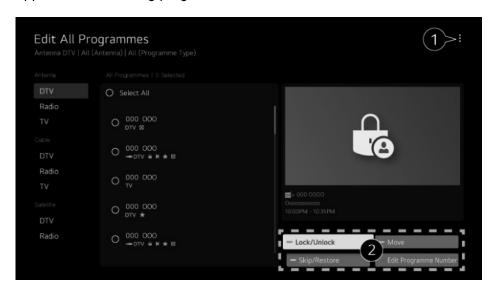
- -Signal test is only available in Antenna or Cable mode.
- -Some models may not be supported.

Programme Manager

You can edit the selected programmes from all the stored programmes or add/delete them to/from the favourite programmes..

Edit All Programmes List

You can lock or unlock the selected programmes from all the stored programmes, or you can set them to be skipped when switching programmes.



- 1. Set the sorting option.
- 2. Lock / Unlock: Lock the selected programmes or unlock the locked programmes.

Skip / Restore: Set the selected programmes to be skipped when switching programmes, or disable the skipping option of the programmes previously set to be skipped.

Move: Move the selected programmes.

Edit Programme Numbers: Change the numbers of the selected programmes.

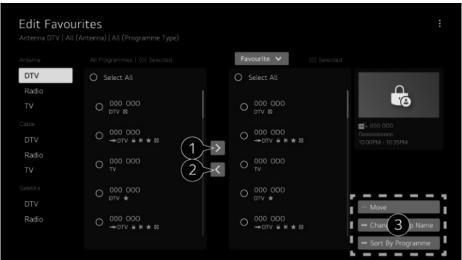
Delete: Delete the selected programmes.

- -Available features may vary depending on the broadcast signal.
- -For a model that supports satellite programmemes, you can manage the satellite programmes in Edit Satellite Programmes (Advanced).

Programmes

Edit Favourite Programmes List

→ : → General → Programmes → Programme Manager → Edit Favourites
You can add/delete desired programmes to/from the favourite programmes, change their positions, etc.



- 1. Select the desired programmes from the all programmes list and press the button to add them to the favourite programmes list.
- 2. Delete the selected programmes from the favourite programmes list.
- 3. Move: Select one or more programmes in the Preferred Programmes list, press the Move button, and then select the position to move it to. The selected programmes will move to the position you selected.

Change Group Name: Change the name of the favourite programmes list. Sort by Programme: Sorts the list of favourite programmes by programme.

Multi Feed

You can watch the desired angle on the TV through the broadcast that filmed from various angles. -Some models may not be supported.

HbbTV

HbbTV (Hybrid Broadcast Broadband TV) is a new broadcasting standard that enables super-teletext type services, delivered by a broadcast TV programme, to be integrated or linked to online services delivered over broadband to a connected Smart TV.

-Some models may not be supported.

Copy Programmes

Export your TV's programme list information to a connected USB storage device or Import your TV's programme list information from a connected USB storage device.

-For Satellite models

Network

Setting a Wired Network

→ : → General → Network → Wired Connection (Ethernet)

If the router connected to the network supports the DHCP feature, connecting the TV and router by wire will automatically connects to the network. If the automatic setup is not supported, you can select Edit to manually set up the network connection.

Setting a Wireless Network

 \bigcirc \rightarrow \bigcirc \rightarrow General \rightarrow Network \rightarrow Wi-Fi Connection

If you have set the TV up for a wireless network, you can check and connect to the available wireless Internet networks. Select the wireless router to connect.

Devices

TV Management

1. Home/Store Mode

You can choose between Home Mode and Store Mode.

To use the TV at home, select Home Mode.

Select Store Mode only when the TV will be displayed in store.

The Store Mode provide settings optimised for store display.

2. Quick Start+

This setting puts your TV in standby mode when it's turned off so it will help using TV's functions quicker when you turn the TV back on.

Set Quick Start+ to On.

- -Some models may not be supported.
- -Turning this option on may increase energy consumption.

3. TV Information

You can view information including Model, Serial Number, Device Name.

External Devices

② → ① → General → Devices → External Devices

You can set to use a smart device connected to the TV to control the TV or manage the connection history. The Options include Connect Bluetooth Controller/Camera/Universal Control Settings/TV On With Mobile/Delete Connection History

-The configurable items differ depending on model.

Devices

HDMI Settings

You can apply settings to ensure a clear picture and easy control for the HDMI connected devices.

1. HDMI Deep Colour

If you connect a device that supports HDMI Deep Colour, you can enjoy a clearer image.

After connecting the playback device, set HDMI Deep Colour to 4K.

If the connected device does not support this function, it may not work properly.

When a screen problem occurs, change the HDMI Deep Colour setting to Off.

- -You can only change the settings of the HDMI IN you are watching at the time.
- -You can specify a different setting for each HDMI port.

2. SIMPLINK (HDMI-CEC)

You can conveniently control and use various multimedia devices connected through HDMI with the TV remote control.

System

Language

You can choose the menu language displayed on the screen and the audio language of the digital broadcast.

1. Menu Language

You can select one of the menu languages to be displayed on the screen.

The language for the speech recognition will be automatically set to the selected language for the

-The speech recognition is only applied to some models.

2. Primary Audio Language / Secondary Audio Language

You can choose the language you want when watching a digital broadcasting programme, which includes multiple audio languages.

For programmes that do not support multiple languages, the default will be used.

-Applies to Digital broadcasting.

3. Keyboard Languages

Select the language to use the on-screen keyboard.

4. To Set Teletext Language

Sets Teletext language.

-In Digital Mode Only

System

HDMI Settings

You can apply settings to ensure a clear picture and easy control for the HDMI connected devices.

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- -You can specify a different setting for each HDMI port.

2. SIMPLINK (HDMI-CEC)

You can conveniently control and use various multimedia devices connected through HDMI with the TV remote control.

Location

You can change the location setting of your Smart TV.

You can set Address Setting/Broadcast Country/Postcode/Services Country.

- -You must set the country manually when you are not connected to the network.
- -The configurable items differ depending on model.

Time & Timer

You can check the time or configure related settings.

1. Set Automatically

The TV time is automatically set to the time of digital broadcasting information sent from the broadcasting station or the time sent from the server.

2. Time / Date / Time Zone

You can manually set the time and date if the automatically set current time is incorrect.

-If you set the time manually with the antenna connected, schedule information, programme guide, etc. may not function correctly.

3. Custom Time Zone

When select the Custom in Time Zone, Custom Time Zone menu is activated.

System

4. Timers

(1) Sleep Timer

Sets the TV to turn off at a specified time.

(2) Power On Timer

The TV is turned on and displays the set programme at the set time.

You can set Time / Timer Repeat / Input / Timer Programme / Volume.

(3) Power Off Timer

The TV is turned off at the set time. You can set Time / Timer Repeat.

(4) Auto Power Off after 4 Hours

If you do not press any button for 4 hours after the TV is turned on by a feature such as Power On Timer, the TV will be turned off automatically.

Location



You can change the location setting of your Smart TV.

You can set Address Setting/Broadcast Country/Postcode/Services Country.

- -You must set the country manually when you are not connected to the network.
- -The configurable items differ depending on model.

Safety

You can put a lock on TV broadcasts or apps. Set it to On to apply the lock.

1. TV Rating Locks

This function operates according to information from the broadcasting station. Therefore if the signal has incorrect information, this function does not operate. Prevents children from watching certain adult's TV programmes, according to the ratings limit set. Enter a password to watch a blocked programme. Rating differs by country.

- -Supported only in the digital mode.
- -Some models may not be supported.

2. Programme Locks

Blocks the programmes that contain inappropriate contents for children. The programmes can be selected but the screen is blank and the audio is muted. To watch a locked programme, enter the password.

3. Application Locks

You can lock or unlock the application.

-The lock function is not immediately available for the currently running application.

4. Input Locks

You can lock or unlock the Inputs.

System

Reset Password

Set or change the password for the TV.

-The default password is set as "0000". When France, Norway or Belgium is selected for Country, the password is not "0000" but "1234".

Resetting a Lost Password

If you lose the password you set, you can reset it as follows:

- 1. Press the 🖏 button on the remote control.
- 2. Select (i) → General →System → Safety.
- 3. Press $\pm \wedge$ (Programmes) $\rightarrow \pm \wedge$ (Programmes) $\rightarrow \pm \wedge$ (Programmes) $\rightarrow \pm \wedge$ (Programmes) on the remote control. The master password input window will appear.
- 4. Enter the numbers "0313" in the master password input window, then press OK. The password will be reset.

LG Account

You can sign up for LG membership and log in with your email address in LG Account.

Notifications

Graduations → General → System → Additional Settings → Notifications You can view or delete notifications from TV apps and services.

For notifications that support shortcuts, you can go directly to that app or website.



- 1. You can check the details by selecting the desired item. If it supports shortcuts, you can launch the app.
- 2. You can delete notifications.
- 3. Closes the app.

To turn off the app from running in the background, press the More Actions button on the remote control and select Quit App.

System

Notifications

You can view or delete notifications from TV apps and services.

For notifications that support shortcuts, you can go directly to that app or website.

Home Settings

1. Home Auto Launch

You can set Home to launch automatically when turning on the TV.

2. Home Promotion

You can turn on or off the advertisements on the Home screen.

-The configurable items differ depending on model

Standby Light

To Set Power Indicator

You can turn the standby light on or off.

-Some models may not be supported.

Pointer Options

You can set the pointer speed and size you want while it is on the screen.

You can set Tracking Speed / Pointer Size.

Advertisement

If your TV is connected to the Internet, WebOS may use a frequency capping cookie to keep track of the number of times an ad is shown on your TV.

This information is used to help limit the number of times the same ad is displayed. You can clear this cookie or turn it on or off at any time by going to the Advertisement setting on your TV. No personally identifiable information is tied to this cookie.

Limit AD Tracking

If set to On, personalised advertisements based on user interests may not be provided.

2. Reset AD ID

User interest information is newly collected, and advertisements are provided according to the information.

-Some models may not be supported.

System

Live Plus

Live Plus is a service that provides various information on the programme you watch.

To see the details, click the Making the Most of Smart TV → Live Plus in User Guide.

-Some models may not be supported.

Settings Help

Set ID

 \bigcirc \rightarrow \bigcirc \rightarrow General \rightarrow System \rightarrow Additional Settings \rightarrow Set ID

You can set a number (ID) to manage multiple TVs.

-This feature is for administrators. It is not recommended for use in a typical home environment.

Restoring the Default Settings

 \bigcirc \rightarrow \bigcirc General \rightarrow System \rightarrow Additional Settings \rightarrow Reset to Initial Settings Return TV to its initial settings. After reset, the TV will automatically turn off and on.

1. Reset All

All items on the TV are changed to their default settings.

2. Reset all except network settings

All items except the network settings are changed to their default settings.

- -If Safety is set to On, you should type the password to Reset to Initial Settings.
- -Do not turn off the power during initialization.
- -We recommend that you reset the TV to Reset to Initial Settings before you sell it or transfer it to a third party.

Accessibility

Audio Guidance

 \bigcirc \rightarrow \bigcirc \rightarrow General \rightarrow System \rightarrow Additional Settings \rightarrow Audio Guidance

If Audio Guidance is set to On, audio guides will be provided in various situations, such as when you change programmes, adjust the volume or change settings and input signals.

1. Speed

Adjust the speed of spoken guide.

2. Volume

Adjust the volume of spoken guide.

3. Pitch

Adjust the tone of spoken guide.

- -This feature is available on certain languages only.
- -The configurable items differ depending on model.
- -For visually impaired users.
- -Setting the Audio Guidance to On automatically switches the TV Power Sound (only available on certain models) to On as well.

Accessibility

High Contrast

Changing the Menu to High-Contrast Screen

 \Leftrightarrow \rightarrow \Leftrightarrow General \rightarrow System \rightarrow Additional Settings \rightarrow High Contrast

When this feature is set to On, it adjusts the background of some of the menus on the screen and font colours to highlight the contrast between the light and dark areas.

Greyscale

Change the colour of the menu on the screen to black and white tone to make its ambiguity very clear. Set to On.

Invert Colours

To enhance the visibility of the menus on the screen, you can invert and calibrate certain colours in some menus. Set to On.

Set Subtitle

View subtitles when the TV station provides subtitled programming. Change Subtitles to On and select subtitle setting.

- -Some models may not be supported.
- -Applies to Digital broadcasting.

Audio Description

Menu for the Visually Impaired

The contents on the screen will be described with voice for visually impaired viewers.

You can use this function if the broadcasting company supports Audio Description for the visually impaired.

-Some models may not be supported.

Audio Type

Audio commentary or subtitles are provided for those who are hard of hearing or visually impaired.

1. Normal

Selects default Audio.

2. Audio Description

For the visually impaired Selects the preferred default Audio combined with Visual Impaired Audio.

3. Spoken Subtitle

For the visually impaired, selects the preferred Visual Impaired Audio only.

4. Any Supplementary Audio

Displays all supplementary audio.

-Some models may not be supported.

Accessibility

Hard of Hearing

- 1. Set Subtitles to On.
- 2. Set Hard of Hearing to On.

A caption will be provided for the hearing-impaired.

- -When the Hard of Hearing is turned On, it will be prioritized over the general captions.
- -Some models may not be supported.

Support

Software Update

Uses software update to check and obtain the latest version.

1. Auto Update

When it is set to On, updates are automatically made without a separate confirmation procedure except for some important updates.

2. Check for Updates

When checking for the latest update version, you can only perform updates if an update file of a later version is available. The TV automatically checks your software version but, if necessary, you can perform a manual check.

- -The configurable items differ depending on model.
- -The latest version can be obtained via digital broadcast signals or internet connections.
- -Changing the programme while downloading the software via digital broadcast signal interrupts the download process. Returning to the initial programme allows downloading to resume.
- -If software is not updated, certain functions may not work properly.
- -In some countries, Auto Update is not displayed if you are not connected to the Internet.
- -Your device will have to occasionally download and install software updates in order to maintain optimal functionality. While the software is updated the screen of your device may, in the absence of any user interaction within 4 hours, turn off, but the device will not completely enter standby mode until the installation is finished.

This can result in an increased power consumption during software update.

Privacy & Terms

1. User Agreements

These are the terms and conditions related to use of the Smart TV service and protection of privacy.

2. Legal Notice

It's a legal notice for services provided via TV.

3. Open Source Software Notice

You can view the instructions for each item.

Troubleshooting

If you have any problem, check the couter measures for each symptom listed below. The following symptoms may have been, caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the Customer Care Centre, see back page for contact details.

Symptoms	Possible solutions
No power	Please check the power cord plugged in and that the power outlet works. Unplug the power cord and plug it in after 60 seconds and restart the TV.
No picture	Please check antenna connection. Station may be experiencing problems, please tune to another station. Please adjust the settings of contrast and brightness.
Good picture but no sound	Please increase the volume. Please check TV is under mute mode, press MUTE button on the remote control. Please check sound settings If external devices are being used, check their volumes are not set too low or turned off. If using AVI or Component inputs, please make sure cables are connected properly and not loose. If using DVI to HDMI cable, a separate audio cable is required. Make sure a headphone jack is not connected.
Good sound but abnormal color or no picture	Please check antenna connection and antenna condition. If using Component input, please check Component connections, incorrect or loose connections may cause colour problems or cause the screen to be blank.
No response to remote control	Batteries of remote control may have exhausted, if necessary, please change the batteries. Clean the remote control lens. The distance between LED TV and remote control should be within 8m, within recommended operating angle and path is free of obstructions.
Colored dots may be present on the screen	Although the LED screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LED screen. This is a structural property of the LED screen and not a malfunction.
Picture is breaking up	Keep the TV away from noisy electrical sources such as cars, hair dryers, welders, and all optional equipment. Electrical atmospheric interference such as local or distant lightning storms may cause picture to break up. When installing optional equipment, leave some space between the optional equipment and the TV. Check the antenna and connection. Keep the antenna away from any power or input/output cables.

Troubleshooting	
After Auto Tuning only some channels are available	Check your area is covered by Digital Video Broadcasts. Try re-tuning or manually tuning missing channels. Check that you are using the correct antenna type.
Channel cannot be selected	Check if the channel has been blocked in the main menu settings.
USB not playing	Please check connecting USB cable and power supply is connected. Hard drive has not been formatted. Please make sure USB disk is compatible and the multimedia data formats are supported.
Picture is distorted, macroblock, small block, dots, pixelization, etc	Compression of video contents may cause distortion especially on fast moving pictures such as sports and action movies.
Noise from speaker	Check cable connections, make sure a video cable is not connected to an audio input. Low signal level may cause sound distortion.
TV turns off automatically	Check if the Off Timer is set to On in the Setup menu. Sleep Timer may have been enabled. If there is no signal for about 10 minutes from an input, the TV will turn off. If connected to your PC, check your PC power settings. Make sure the AC power cord is plugged in securely to the wall outlet and the TV.
TV turns on automatically	Check if the On Timer is set to On in the Setup menu.
Picture is not shown in full screen	Black bars on each side will be shown on HD channels when displaying SD (4:3) contents. Black bars on Top & Bottom will be shown on movies that have aspect ratios different from your TV. Adjust picture size option on your external device or TV to full screen.

WARNING

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safety support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls

If your existing television set is being retained and relocated, the same considerations as above should be applied.

The plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

