

Q.Bell



QT32WY8A INSTRUCTION MANUAL

Please read this manual carefully before using, and keep it for future reference.

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GENERAL SAFETY

Read this manual thoroughly before you start using the TV.

Store this manual, the completed warranty card, your receipt and the product packaging. The safety precautions instructions reduces the risk of fire, electric shock and injury when correctly complied to.

Please follow all instructions and take notice of all warnings.



The cover (or back) of the unit should not be removed to prevent risk of electric shock.

This unit must be serviced by a qualified service personnel only.



The lightning flash with symbol within the triangle is intended to warn you of a non-insulated dangerous voltage in the product's enclosure that could be of sufficient magnitude to generate a risk of electric shock to persons.



The exclamation point within the triangle is intended to warn you to the presence of important operating and maintenance instructions in the documents included with the product.

IMPORTANT INFORMATION

The lightning flash symbol within the triangle is intended to warn you of non-insulated dangerous voltage the product's enclosure that could be of sufficient magnitude to generate a risk of electric shock to persons.

- Using Cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the Products.
- Ensure the Product is not overhanging the edge of the supporting furniture.
- Do not place the product on a high furniture without securing both the furniture and the product to a stable support.
- Do not place the product on cloth or other conductive materials.
- Warn children of the dangers of climbing on furniture to reach the television or its controls and to call for an adult to assist.

GENERAL SAFETY INSTRUCTIONS (Cont.)

IMPORTANT INFORMATION

- Do not expose this appliance to rain or moisture as it may result in fire or an electric shock hazard
- Do not temper or change or modify the product in any way.
- Only use Accessories outlined and recommended by the manufacturer.
- Please do not expose the product to splashing or water contact
- Please do not place any object on top of the product including objects filled with liquids such as vases.
- Danger of explosion if battery is incorrectly placed. Replace with same or equivalent type.

Installation

Please follow instruction when installing this product in accordance with the instruction manual. This product must be positioned in a sufficiently stable location, it can be potentially hazardous due to falling and can cause injury, particularly to children if it positioned incorrectly.

- Before installing this TV set, make sure your outlet voltage corresponds to the voltage stated on the product rating label
- Do not use a damaged power cord, plug or loose outlet. Doing so may cause an electric shock.
- Do not plug several devices into the same outlet. Doing so may cause the outlet to overheat and start a fire. Make sure the outlet is readily accessible during operation of the equipment.
- Do not bend, twist or kink the power cord excessively.
- Do not allow anything to rest on or roll over the power cord and antenna cable. Doing so may cause a fire or an electric shock.
- Do not run the power cord near heat-producing appliances such as radiators, stoves or irons. The excessive heat could melt the insulation and expose live wires, resulting in fire or electric shock.
- Unplug this TV during lightning storms or when unused for long periods of time. Not doing so may result in fire or electric shock.
- Do not cover the ventilation openings of the product with items such as newspapers, tablecloths, curtains etc or insert objects into the slots available on the products. As this could result in the product temperature rising and could cause a fire.
- If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center. Failure to do so may result in fire or electric shock.
- When not using the unit for long periods of time or when you are moving the unit please ensure to disconnect the power cord from the wall socket.

GENERAL SAFETY INSTRUCTIONS (Cont.)

- Please beware that Dust could accumulate over time on the unit and cause it to generate heat and or deteriorate insulation, which in turn may result in an electrical fire.
- The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or young children of any age, They must be supervised product by a person responsible for their safety.
- Batteries from the remote control must be only removed by an adult, the adult must ensure to keep them out of reach of infants and children. Seek medical attention immediately if a child has swallowed a battery.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- To maintain the product do not use any chemical or cleaning agent or wet cloth, please only ensure to utilize a dry cloth to wipe it down from marks or dust and only after unplugging the product from the power socket.
- Please ensure to contact our call center for any repair or service required for the products.

WARNING!

It is STRONGLY RECOMMENDED that you ANCHOR this product.

Toppling furniture and TV's can cause serious injury or death.

TO HELP AVOID ANY SERIOUS OR FATAL INJURY, WE STRONGLY RECOMMEND THAT THIS PRODUCT BE PERMANENTLY FIXED TO THE WALL OR OTHER SUITABLE SURFACE. FIXING DEVICES ARE NOT INCLUDED SINCE DIFFERENT SURFACE MATERIALS REQUIRE DIFFERENT ATTACHMENTS. PLEASE SEEK PROFESSIONAL ADVICE IF YOU ARE IN DOUBT WHAT FIXING DEVICE TO USE.

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 of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of 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 television 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.

GENERAL SAFETY INSTRUCTIONS (Cont.)

Please make sure upon positioning this product, the place is:

- Not wet or damp and Well ventilated
- Away from direct sunlight or heaters.
- Away from splashes or food.
- Protected from excessive dust or grease.
- Do not install this equipment in a confined space such as a bookcase or similar unit.
- Do not install the TV set near heat sources such as radiators, stoves or other audio visual equipment that produce heat.
- Do not place containers with liquids, if liquid falls inside the products it may result in short-circuit, fire or electric shock.
- Do not place small metallic objects on top of the unit. Metal object falls inside the product it may result in short-circuit, fire or electric shock.
- Do not use or store flammable or combustible materials near the unit. Doing so may result in fire or explosion. Do not place any naked flame sources, such as lit candles, cigarettes or incense sticks on top of the TV set.
- The antenna must be installed away from high-voltage power line,
- Please contact an antenna professional installer to install the antenna to avoid incorrect installation which could result in fire, electric shock or serious injury.
- Install the unit at a reasonable distance from the wall to ensure sufficient ventilation.
- If mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



“HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.”

ANCHOR STRAPS

IT IS STRONGLY RECOMMENDED THAT YOU ANCHOR YOUR TV.

Toppling furniture and TV's can cause serious injury or death.

TO HELP AVOID ANY SERIOUS OR FATAL INJURY, WE STRONGLY RECOMMEND THAT THIS PRODUCT BE PERMANENTLY FIXED TO THE WALL OR OTHER SUITABLE SURFACE BY A PROFESSIONAL INSTALLER. FIXING DEVICES ARE NOT INCLUDED SINCE DIFFERENT SURFACE MATERIALS REQUIRE DIFFERENT ATTACHMENTS.

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:

- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of 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 television on cloth or other materials placed between the television and supporting furniture.
- Educate children about the dangers of climbing on furniture to reach the television or its controls.



- 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 product life span.
- Any damage or injuries caused by using unapproved items are not covered by the manufacturers warranty.
- Make sure that the screws are inserted correctly and fastened securely. (If they are not fastened securely enough, the TV may tilt forward after being installed.) Do not use too much force and over tighten the screws; otherwise screw may be damaged and not tighten correctly.
- Depending on the material of the furniture stand or wall, the performance of the anchor strap may vary. In this case, apply appropriate supplement to increase stability and strength.
- The anchor straps are recommended to reduce the risk of injury however it does not guarantee full protection against toppling. Please supervise and educate children about the danger of toppling televisions.

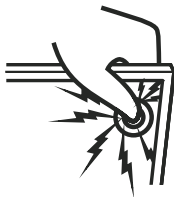
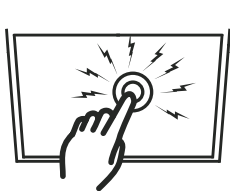
TV STAND INSTALLATION

CAUTION! LIFT TV FROM THE BOTTOM SIDE

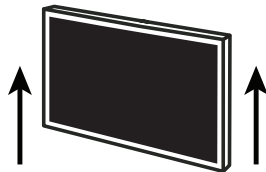
TEAM LIFT REQUIRED, 2 OR MORE PERSONS

ALWAYS Lift the TV by the **BOTTOM** side when removing from the box.

DO NOT Lift from the **TOP/MIDDLE/SIDES**.
Lifting from the **TOP/MIDDLE/SIDES** will damage the TV or its screen



LIFT FROM BOTTOM SIDE



When lifting the TV, DO NOT grip, grab or press on the TV Screen. Doing so will damage the screen.

Install the stand as described below, or if you want to mount it to a wall, please contact a professional installer.

Please ensure the TV is not plugged into the wall socket and furthermore we recommend to get another person to assist in the following task.

TV STAND INSTALLATION (Cont.)

Attaching the stand

Step 1

Place a soft cushioned material on top of a flat surface to prevent damaging the screen panel. Then place the TV screen flat on top, with the screen side facing up,

Step 2

Align the stand leg to the installation point, as illustrated below

Step 3

Tighten the screws (supplied) with a screwdriver to affix the stand to the panel.



WALL MOUNTING

Wall-Mounting Instructions

Please ensure the TV is not plugged into the wall socket and furthermore we recommend to get another person to assist in the following task.

- We recommend you use a professional installer as we assume no liability for any eventual damage to the product or injury to yourself if you mount the TV on your own.

BACK OF TV

VESA PATTERN: 100 (w) x 100 (h) mm



NOTE: If you are wall-mounting the TV, this should ONLY be done by a qualified installer.

CONTROLS AND CONNECTIONS (Cont.)



HDMI : (HIGH-DEFINITION MULTIMEDIA LNTERFACE) PROVIDES AN UNCOMPRESSED DIGITAL CONNECTION.

USB : CONNECT THE USB DEVICE SUCH AS THE FLASH DISK TO ACCESS THE TV MEDIA FUNCTION.

EARPHONE : CONNECT A 35MM HEADSETFOR PERSONAL AUDIO.

OPTICAL : DIGITAL TV SOUND OUTPUT.

CVBS : CONNECT AN AV DEVICE THAT HAS COMPOSITE VIDEO JACKS, SUCH AS A VCR OR DVD PLAYER.

L : LEFT AUDIO CHANNEL CONNECTION, THE LEFT AUDIO CONNECTOR IS USUALLY WHITE.

R : RIGHT AUDIO CHANNEL CONNECTION. THE RIGHT AUDIO CONNECTOR IS USUALLY RED.

RJ45 : CONNECT THE INTERNET.

RF : CONNECT TO RECEIVE THE SIGNAL FROM YOUR ANTENNA OR CABLE THROUGH A COAXIAL CABLE.

USB connection

Insert a USB storage device into the USB port to play video/photo/music

STANDARD REMOTE CONTROL



POWER: ON/OFF.

TV/RAD: Switch to TV or Radio.

: Search.

SUBTITLE: Enable/disable subtitles.

: Enters the Quick Settings menu.

: Selects an input source.

0-9: Number selection key.

LIST: The QUICK ACCESS edit screen appears.

... : It displays the additional buttons on the remote control.

: It adjusts the volume level.

: You can change the programme.

AD: Turn the AD switch on or off.

GUIDE: You can check the programme.

: Mutes the sound.

: Play.

: Displays the Home menu.

: Pause.

BACK : Move to the previous step.

EXIT: Closes the menu.

: Select current option that's highlighted.

: RIGHT/LEFT UP/DOWN buttons to navigate the on-screen menus.

TEXT: Open the TEXT.

T.OPT: Open the function menu of TEXT.

MOVIES: Search Movies

REC: Non-Function

: Launch Live Playback.

NETFLIX : go to Netflix.

: go to prime video.

: Corresponds to various colour functions in the menu or teletext.

Universal Remote Control Code: 40BF

STANDARD REMOTE CONTROL (CONT.)


OPENING REMOTE BATTERY COMPARTMENT TO REPLACE BATTERIES

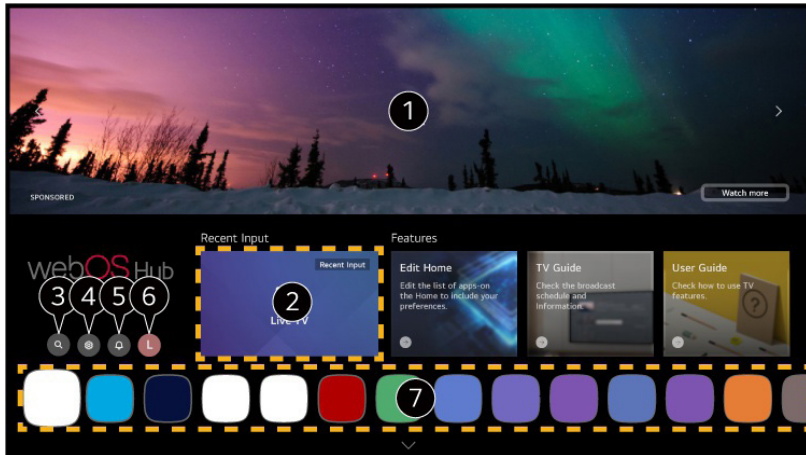
1. Turn the remote control over to its back.
2. Press and slide the battery compartment to open the cover.
3. Place 2x AAA batteries (provided) into the battery compartment and be sure to match the polarities (+/-) marked on battery compartment.
4. Close and shut the battery compartment.
Make sure it clicks when completely closing it.







webOS GUIDE

webOS HUB - HOME

You can open the Home screen by pressing the  button on your remote control. You can combine frequently used apps on a single screen and use whichever you want at any time.







1. Advertisements are displayed.
You can turn advertisements on or off in  ->  -> General -> System -> Additional Settings -> Home Settings -> Home Promotion.
2. Returns to the most recently used TV or external input.
3. Launch Search.
To see the details, click the Apps and Content -> Content Search in User Guide.
4. Launch Quick Settings.
To see the details, click the Settings -> Quick Settings -> To Use Setting Function Quickly in User Guide.
5. Launch Notifications.
To see the details, click the Making the Most of Smart TV -> Notifications in User Guide.
6. Launch LG Account.
For more information, see Getting Started with webOS TV -> Managing Your LG Account in User Guide.
7. You can run, move, and delete the apps installed on your TV.

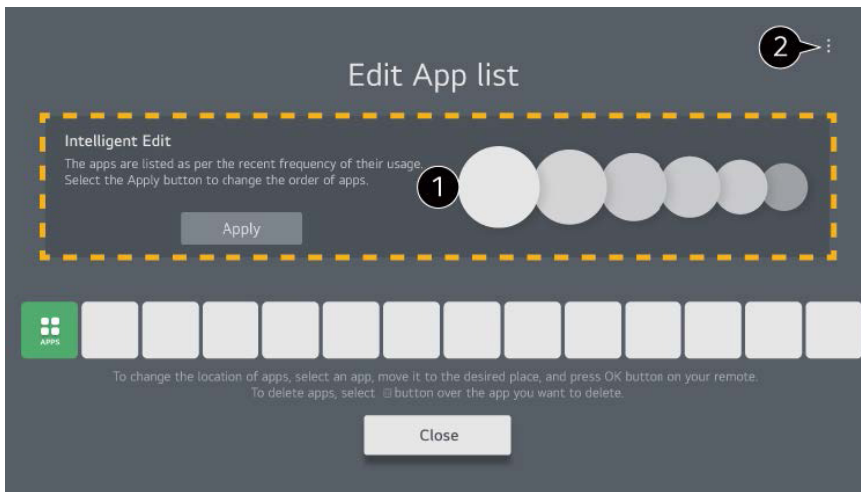
- The Home screen is automatically displayed whenever you turn on the TV. To disable this feature, go to  ->  -> General -> System -> Additional Settings Home Settings and set Power On Screen to Recent Input.
- The availability of and access to Contents and Services in the device are subject to change at any time without prior notice.
- Available features vary depending on the region or service.

webOS GUIDE (Cont.)

MANAGING webOS HOME

You can change the order of the displayed apps or content lists by pressing the  button on the remote control.





1. Select the app you want to edit, and then press and hold the Wheel (OK) button on the remote control to enter the Edit App List mode.
Alternatively, you can press the Edit App List button located at the end of the App List.
2. Move to the desired position and press the Wheel (OK) button to change the position of the app.
To delete an app, select the  icon above the app.
 - You can also move apps with the   buttons on your remote control.
3. After editing is complete, click Close at the bottom of the screen to exit the Edit App mode.
 - Default TV apps cannot be deleted.



1. The apps will be automatically arranged according to their frequency of use.
2. 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.

webOS GUIDE (Cont.)

TUNE LIVE TV - PREPARATION (RF ANTENNA)

1. Connect the broadcast antenna/cable to the TV. You must check the markings on the antenna terminal and connect it to the terminal appropriate for your country.
2. Launch  ->  -> General -> Programmes -> Programme Tuning (Programme Tuning & Settings) -> Auto Tuning.
Finds and adds only programmes being broadcast.
- You can also connect a piece of equipment that can receive broadcasting such as a set-top box instead of the antenna.
Launch  ->  -> General -> Devices External Devices -> Universal Control Settings.
- To solve a problem related to this function, refer to the Troubleshooting section of User Guide.

webOS GUIDE (Cont.)

CONNECTING TO THE NETWORK



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

SELECTING A WIRED NETWORK

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



1. Connect the RJ45 port of the TV and the Router using a LAN/RJ45/ETHERNET cable.
The router should be already be connected to the Internet beforehand.
If the router supports DHCP, the TV will automatically connected to the network when you connect the TV to the network with a RJ45 cable.

If the Network Is Not Automatically Connected

2. Press the  button on the remote control.
3. Select  > Network > Wired Connection (Ethernet).

To see the details, click the Settings -> Network -> Wired Connection (Ethernet) in User Guide.

SELECTING A WIRELESS NETWORK

1. Press the Settings  button on the remote control.
2. Select  -> General -> Network -> Wi-Fi Connection.
3. When the network search is complete, the list of networks available for connection is shown.
4. Select a network to connect.
If your wireless LAN router is password protected, enter the password configured for the router.

webOS GUIDE (Cont.)

NETWORK SETTING WARNINGS



1. Use standard LAN cable (connect to Cat7 or higher with RJ45 connector, 10 Base-T, or 100 Base TX LAN port).
2. Resetting the modem may fix some network connection problems. Turn the power OFF, disconnect and reconnect it, and then turn the power on to solve the problem.
3. The manufacturer is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
4. The network connection may not work properly because of network settings or the Internet service provider.
5. DSL service must use a DSL modem; and cable service must use a cable modem. Since only a limited number of network connections may be available, TV network setting may not be used depending on the contract with Internet service provider. (If the contract does not allow more than one device per line, only the already-connected PC may be used.)
6. A wireless network can experience interference from other devices that use the 2.4 GHz frequency (wireless phone, Bluetooth device, or microwave oven). Although interference can also happen when using the 5 GHz frequency, it is less likely to occur.
7. The wireless environment can make wireless network service run slowly. Failure to turn off all local home networks may cause excessive traffic on some devices. The access point device must support wireless connections and wireless connection feature must be enabled on the device to have AP (access point) connection. Contact the service provider for availability of wireless connections on the access point.
8. Check SSID and security settings of the AP. Refer to the appropriate documentation for SSID and security settings of the AP.
9. Invalid settings of network devices (wired/wireless line sharer, hub) can cause the TV to operate slowly or not operate properly. Install the devices correctly according to the appropriate manual and network.
10. The connection method may differ depending on the AP manufacturer.
11. To solve a problem related to this function, refer to the Troubleshooting section of User Guide

HOW TO OPERATE TV


CONNECTING TO SIMPLINK (HDMI-CEC)


With a single remote control, you can easily manage various devices such as a soundbar or set-top box connected to a TV with HDMI.

Up to three devices can be connected and used simultaneously.

1. Connect the SIMPLINK HDMI Output port to the TV HDMI IN port with an HDMI cable.
2. Press the  button on the remote control.
3. Select  > General > HDMI Settings
4. Set SIMPLINK (HDMI-CEC) to On.
5. Turn on the connected device. When the TV automatically connects to the device, the input will change.



If the device is not automatically connected to the TV, click the Input  button. This feature works only with devices with the SIMPLINK logo. Check for the SIMPLINK logo on the external device.

- This feature works only with devices with the  logo. Check for the SIMPLINK logo on the external device. Use of any product other than those specified may cause problems during operation.
- To use SIMPLINK, you need to use a high-speed HDMI® cable with CEC (Consumer Electronics Control) function. The High-Speed HDMI® cable has the pin 13 for enabling information exchange between devices.
- To output sound from an external audio device, connect the audio device to the TV's HDMI (eARC/ARC) port with an HDMI cable. Set Sound Out to HDMI(ARC) Device and set SIMPLINK (HDMI-CEC) to On.

SHORTCUT TO ACCESSIBILITY MENU

You may go directly to Accessibility without entering the Advanced Settings menu.

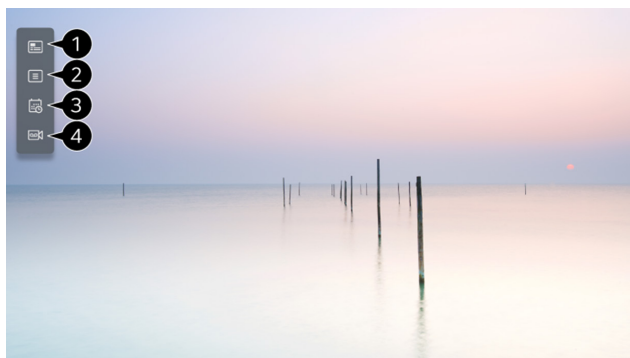
1. Press and hold the MUTE button on your remote control.
2. You can set High Contrast, Grayscale, Invert Colours, etc.

ENJOY LIVE TV

LIVE TV 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. To see the details, click the Enjoy Live TV -> Viewing Guide in User Guide.
 - 2. Programmes: View a list of broadcast content that is currently being broadcast.
-
- The menu appears only if an external storage device is connected and the recorded video can be viewed.
 - The programmes displayed in Programme List are a configuration of programmes provided by the broadcast service provider. Therefore, if the broadcast service provider has changed its programme configuration without notice, the programmes displayed in Programme List may differ from the actual TV programmes.
 - Because programme information displayed in programme List includes information provided by external Electronic Programme Guide (EPG) providers, it may differ from the actual TV programmes.
 - You must complete the settings of the network, region, and auto-programme to receive normal live broadcast service.
 - The configurable items differ depending on model.



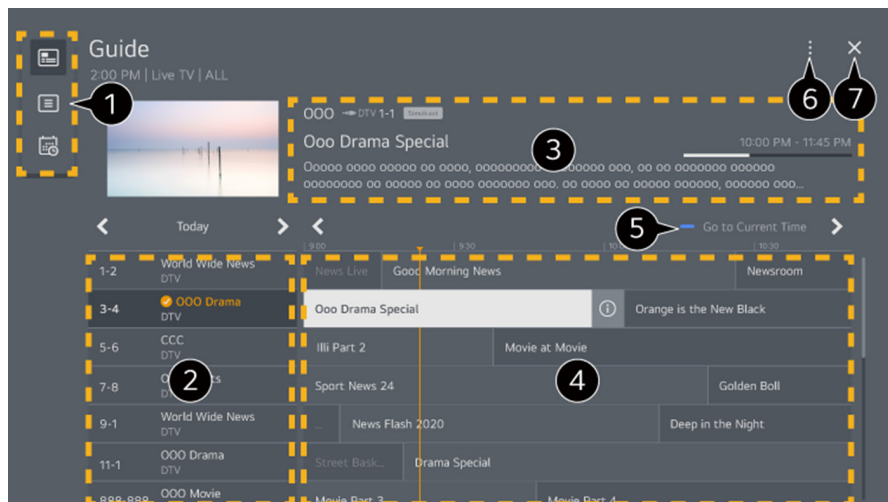
ENJOY LIVE TV (Cont.)


VIEWING TV GUIDE

You can view programmes and the schedule of each programmes.

1) Run Live TV by pressing .

2) Press the  button on the remote control and select Guide.

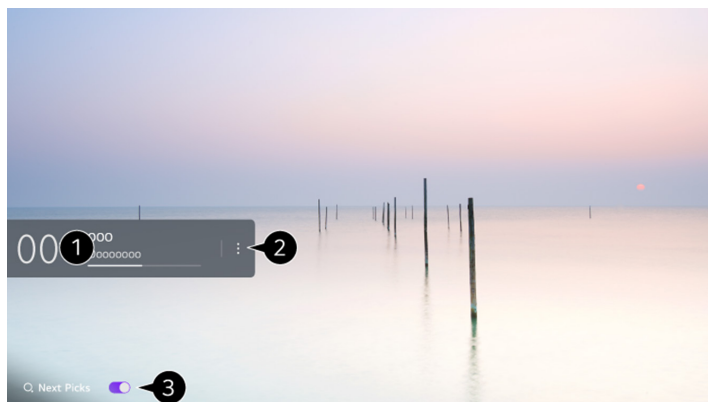


1. Select each area to access the corresponding feature.
2. You can view information on the programme and broadcaster.
3. You can view information about the programme you are currently watching as well as the focused programme information.
4. Select the  button or the title of the desired programme. You can view more information on the programme and perform Watch/Record (only available on certain models) or Reminder/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.

ENJOY LIVE TV (Cont.)

CHECKING PROGRAM INFORMATION

During watch the Live broadcast, press the WHEEL (OK) button which is located in middle of the direction arrows. The Programme Banner appears.



1. It displays the information about the programme you are watching. Select a programme banner to enter the detailed information pop-up to see the detailed programme information or run additional features related to the banner.
You can view broadcast information about other programmes using the UP/DOWN buttons.
You can view broadcast information about the programme you are currently watching using the UP/DOWN buttons.
 - The features can be controlled only within the detailed information pop-up.
2. Launch More Actions.
For more information, see How to Operate TV -> To View More Features of the Remote Control in User Guide.
3. You can get recommendations for what to watch next by setting Next Picks to On.
 - This feature may not be available in some countries.
 - Available features may vary depending on the broadcast signal.

WATCHING LG CHANNEL

WATCHING INTERNET CHANNELS

You can watch real-time broadcasts through this service over the Internet.




You can see information on new Internet Programmes or manage the programmes you like in LG Channels.

Press the  button on the remote control and select LG Channels.

You can also watch LG Channels by pressing the  (Programmes) UP/DOWN buttons on the remote control.

You can use the 'Interactive Programme' service that enables users to conveniently enjoy content related to the current programme without having to switch apps.



You can use the 'Interactive Programme' by pushing the buttons on your remote control or clicking your screen according to the instructions that appear on the Internet programme screen.

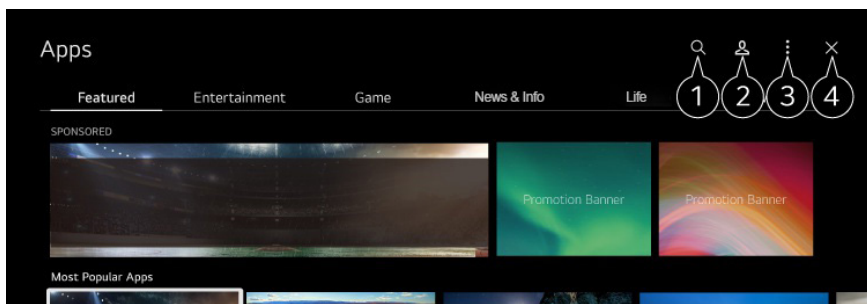
- Some models may not be supported.
- You must connect to the network and agree to User Agreements before you use it.
- In the  ->  -> General -> System -> Location, the Broadcast Country and the Services Country must be the same. If you change any of them, you cannot use the service.
- While watching an Internet Programme, click the  button on the Remote control. You can start the LG Channels.
- Some content can cause a switch from Live TV app to a different app.
- Some Internet programmes may not support this service.
- Internet Programme services may be stopped or changed without prior notice by the broadcasting company.


ENJOY CONTENT STORE

INSTALLING APPS

You can install various apps on your TV from the Content Store.

1. Press the  button on the remote control.
2. Launch Apps.
3. Select a category or press the  button to search for an app.
4. Select an app to install.
5. Read the details of the app and then press Install.
6. When the installation is complete, you can run the app immediately.



1. Searches for content.
To see the details, click the Apps and Content -> Content Search in User Guide.
2. You can log in to your LG account.
3. You can manage apps, such as updating or deleting installed apps.
4. Closes the app.
To turn off the app from running in the background, press the  button on the remote control and select Quit App.

- Available categories may vary depending on the country or service status.
- If the storage on your TV is insufficient, you can install the apps by connecting an external memory device.
- Some USB storage devices may not be supported or may not work properly.
- USB stick containing apps from other TVs may not be used.
- Exercise caution when in use by children. Children may have access to inappropriate online content through this product. You can block inappropriate online content by restricting access to some apps.



Configure the settings in  ->  -> General -> System -> Safety -> Application Locks.

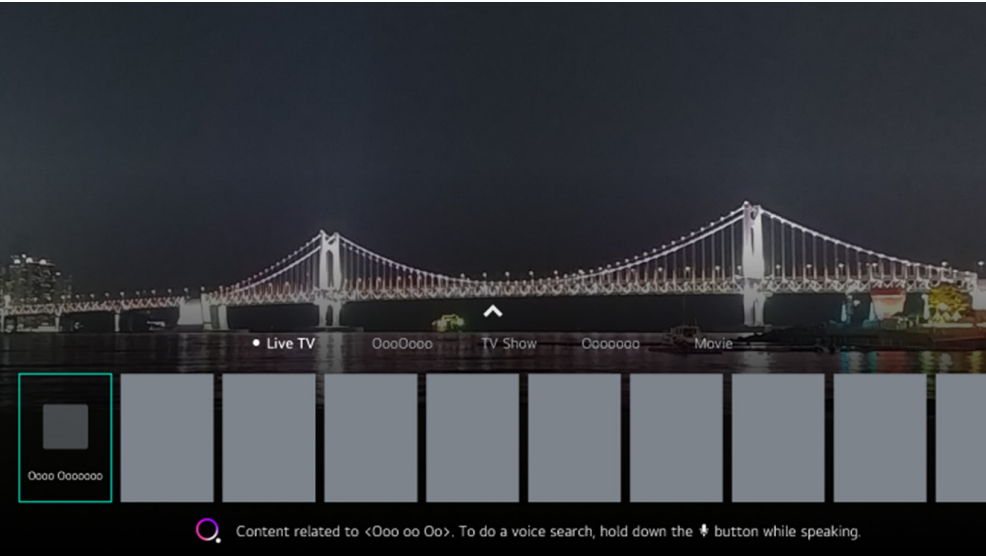
ENJOY CONTENT STORE (Cont.)

CONTENT RECOMMENDATION

You can get content recommendations based on the programme you are watching or TV viewing patterns.

If you are watching the TV using a set-top box, you must complete the setup of the universal remote control to use the recommendation feature normally. For more information, see How to Operate TV > Using Universal Remote Control in User Guide.

- 1) When using a standard remote control, press the  button on it.
- 2) You can view more content by pressing the  icon on the screen.





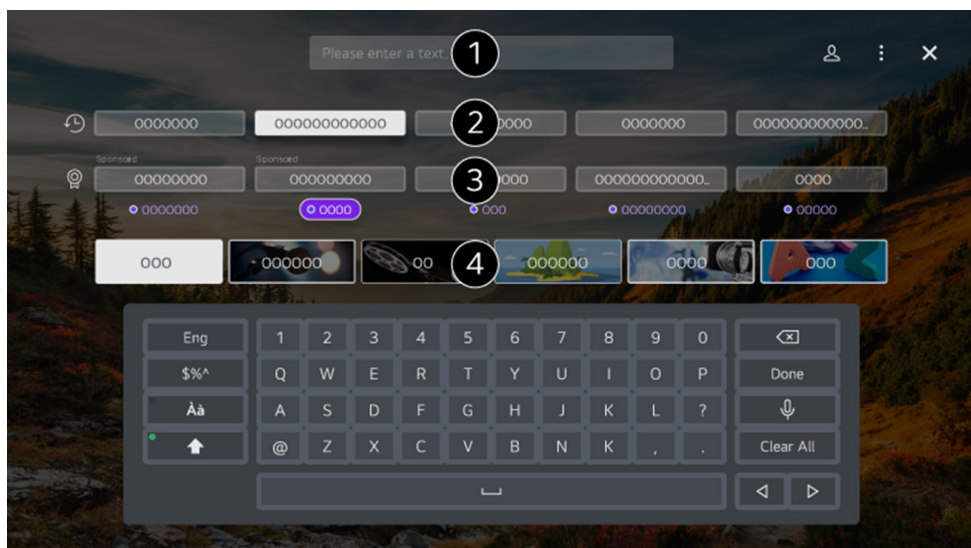
- Some models may not be supported.
- You must connect to the network to use the recommendation feature.
- The supported services vary depending on countries, so the recommendations may be provided differently.
- The list of the recommendations may be less relevant or irrelevant, depending on the information of the programme you are watching.

ENJOY CONTENT STORE (Cont.)

CONTENT SEARCH

You can receive recommendations for content based on viewing patterns or search by yourself for the content you want.


1. Press the  button on the remote control.
2. Launch Search. 
3. Search for a variety of content and information using the desired search terms.

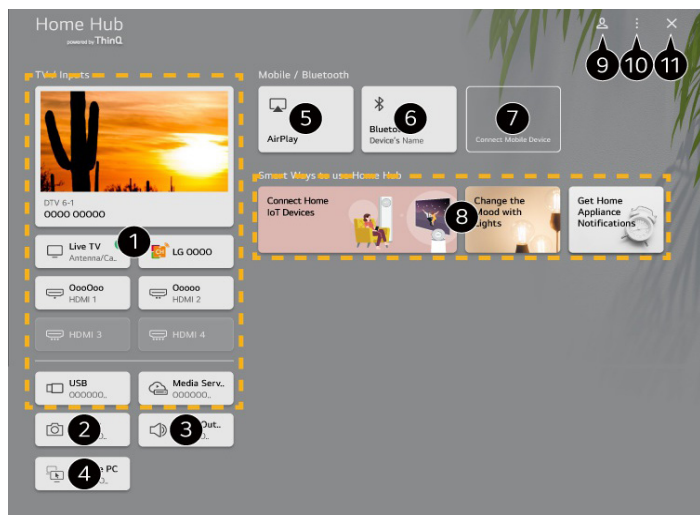


1. Enter a search term.
2. Shows recent searches.
3. You can select one from the suggested keywords and proceed to search.
4. You can browse content by genre.
 - You must connect to the network to use the search feature.
 - Search results may vary depending on the programme, region, network settings, and whether you have agreed to the terms and conditions.

CONNECT EXTERNAL DEVICES

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.



1. You can check and select the external device connected through the external input port or network.
2. The connected camera is launched.
3. The currently selected output speaker is displayed, and you can navigate to the output speaker settings screen.
4. The PC can be remotely operated from the TV.
Please refer to Connecting External Devices > PC Remote Operation in User Guide for more information on the action.
5. Use Apple Home, AirPlay 2 to control your TV and watch content from your iPad or Mac on the TV screen.
 - The availability of and access to Contents and Services in the device are subject to change at any time without prior notice.
6. You can view the list of connected Bluetooth devices and select one.
7. Connect your mobile device to TV to share the mobile screen and enjoy the stored contents.
8. You can connect and see devices registered with 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.
9. You can log in or out with your LG ThinQ account.

10. Edit Inputs : You can edit the name of the connected device or apply the related settings

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

Edit List : You can hide or show the connected Home IoT Devices and rearrange the list.

Delete devices : You can delete the connected device. You can only delete certain devices from the TV.

Notification : You can turn on or off the notifications on the connected device

User Guide : Move to the User Guide app.

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



5. Closes the app.

- Available settings vary depending on the model or region.

CONNECT EXTERNAL DEVICES (Cont.)

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. Run Home Dashboard by pressing the  button on the remote control.
4. Select the  at the top right.
5. Log in to your LG ThinQ account. A list of the registered LG ThinQ devices will appear.
 - Available settings vary depending on the model or region.
 - If you are in an area where the LG ThinQ app is not in service, LG ThinQ device connection will not be supported.
 - To register your IoT device, select Connect Home IoT Devices and follow the instructions to apply settings.
 - If you are controlling the external device from your mobile app, you might not be able to control the device from your TV.
 - IoT devices that can be connected to a TV are subject to change without notice.
 - Connectable LG ThinQ devices and available functions may differ between mobile and TV.

CONNECT EXTERNAL DEVICES (Cont.)

CONNECTING SMART DEVICES

You can use a variety of features by connecting the TV to a smart device.

Connecting Your Smart Device to a TV Using the LG ThinQ App



1. Download the LG ThinQ app from the app store of your smart device.
You can download the app easily by scanning the QR code

ANDROID



iOS



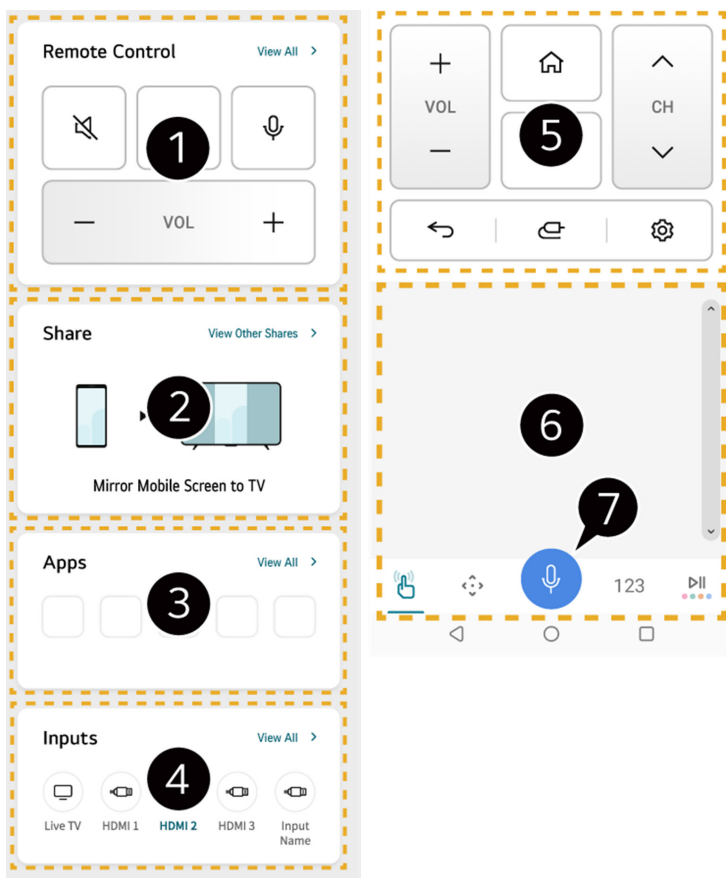
2. Connect your TV and smart device to the same Wi-Fi network.
You can check the Wi-Fi network of TV at  >  > General -> Network -> Wi-Fi Connection.
3. Run the LG ThinQ app installed on your smart device.
4. Follow the instructions from LG ThinQ app to connect your smart device to the TV. When your account information of LG ThinQ is linked to the TV, you can manage the IoT devices linked to your account using Home Dashboard of the TV.

CONNECT EXTERNAL DEVICES (Cont.)

CONTROLLING YOUR TV WITH THE LG THINGQ APP



You can tap the buttons on your smart device's screen to control the TV.

1. Simple remote control operation is possible. Select View All and try using the remote control in full screen.
2. You can share and enjoy the sound, screen, or content on the TV and smart device interactively.
3. Displays a list of apps installed on the TV.
4. Displays a list of devices connected to the TV's external input.
5. When watching a broadcast, you can control the programme, volume, etc. or select the external input with voice commands instead of using the remote control.
6. You can use the same functions as the Magic Remote's pointer and arrow keys.
7. A speech recognition function is available



CONNECT EXTERNAL DEVICES (Cont.)

TO SEE THE MOBILE DEVICE'S SCREEN ON THE TV

1. Enable Screen Share mode on the mobile device.
 2. Your TV will be displayed in the list of available devices.
 3. Select your TV and request connection.
 4. Select Accept in the connection request popup window.
 5. After the connection is established, the TV will display the screen of the connected device.
- When you connect Screen Share for the first time, a popup will appear which allows you to select Decline, Accept or Block.
 - Decline : Do not connect the device. If you try to connect again, the popup will appear.
 - Accept : You can connect the device. No connection popup will appear from the second time.
 - Block : Do not connect the device. Even if you try to connect again, the popup will not appear and the connection will not work.
To cancel Block, go to  >  > General -> External Devices and select Delete Connection History.
 - It is recommended that you always update your device to be connected to your TV to the latest OS version for a reliable connection.
 - A non-LGE device may not be connected even when it is detected.
 - It is recommended that you connect the device to a 5 GHz router because the performance may be affected by your wireless environment.
 - The response rate may vary depending on the user's environment.
 - It's different from devices. For more information on the device you want to connect to, refer to its user guide.
 - If connection fails repeatedly, turn off the TV and the device you want to connect to, then turn them back on and try again.

CONNECT EXTERNAL DEVICES (Cont.)

PLAYING SOUND FROM A SMART DEVICE THROUGH THE TV'S SPEAKERS

Connect a smart device to the TV via Bluetooth to play sound from the smart device through the TV's speakers.

1. Turn the smart device's Bluetooth on, then select the TV from the list of devices.
2. The TV will be connected to the smart device.
 - The TV may not be found in the list of smart devices while searching for a broadcast programme or setting up a Bluetooth speaker.
 - If you connect a smart device to the TV via Bluetooth and listen to the sound of the smart device through the TV speaker, the TV may not be connected to any other smart device.

CONNECT EXTERNAL DEVICES (Cont.)



CONNECTING USB

Connect a USB storage device (USB HDD, USB stick) to the USB port on the TV to enjoy the content files stored on the USB storage device on your TV.

TIPS FOR USING A USB STORAGE DEVICE

- A USB storage device that has a built-in automatic recognition programme or uses its own driver might not be recognisable.
- Some USB storage devices may not be supported or may not work properly.
- If you use a USB extension cable, the USB storage device may not be recognised or may not work properly.
- Please use only USB storage devices formatted with the FAT32 or NTFS file system provided by Windows OS.
- It is recommended that you use an external USB HDD with a rated voltage of 5 V or less and a rated current of 500 mA or less. If you use a device requiring a higher voltage/current than the rated voltage/current, it may not operate properly due to lack of current.
- It is recommended that you use a USB hub or USB storage device with a power supply.
- We recommend using a storage device with a capacity of 32 GB for the USB memory and 2 TB or less for the USB hard disk.
- If a USB HDD with power-saving function does not work, turn the hard drive off and on again to make it work properly. See the owner's manual for the USB HDD for more information.
- Data on a USB storage device may be damaged, so it is recommended that you back up any important files. Users are responsible for data management. The manufacturer bears no responsibility.


CONNECT EXTERNAL DEVICES (Cont.)

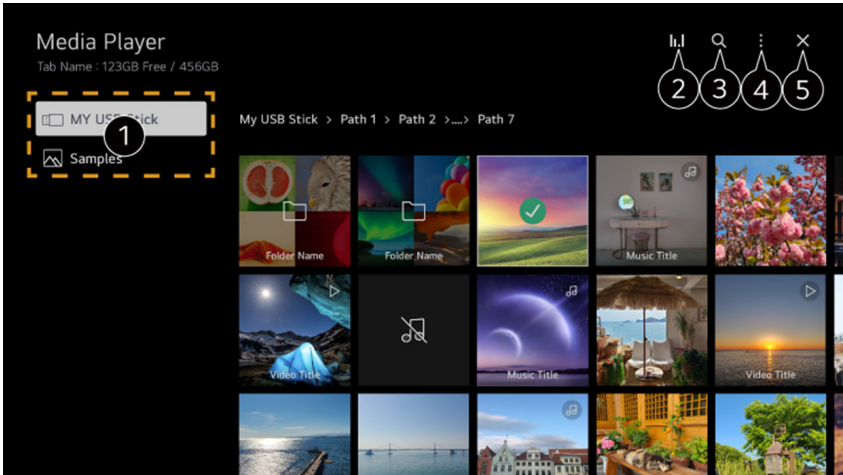
- Press the  button on the remote control. To remove the USB storage device, press the Eject button, which appears at the top when you focus on the USB storage device you want to remove.
- If you disconnect the USB storage device without selecting Eject, an error may occur in your TV or storage device.
- When you connect a USB storage device of a file system not supported by the TV to the USB IN port, the format message appears. To use the connected USB storage device, you should format the device first.
- After format, all the data of USB storage device will be deleted and formatted as NTFS or FAT32 file system.
- Press and hold the  button on your remote control. Select the connected USB from HomeDashboard > Storage and select the Format button to format the USB storage device.
- When connecting a USB storage device, a random file/folder can be created to provide Smart TV services such as the saving and retrieving of thumbnail images.


CONNECT EXTERNAL DEVICES (Cont.)

USING THE MEDIA PLAYER

You can view photos and videos using the Photo & Video app.

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



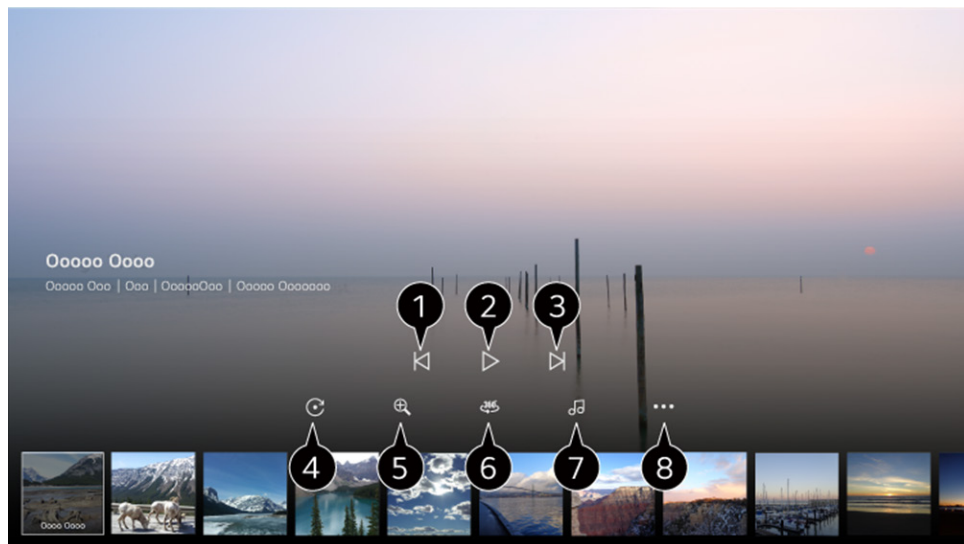
1. You can select a device connected to your TV.
2. Displayed only when music is playing. Press the  to access the Play Music screen.
3. Launch Search.
4. View Type : Selects a content display mode.
Sort : Select the option to sort content.
Group : If you filter by Music, you can group content into categories such as Artist and Album.
Selection Play : You can select and play multiple pieces of content.
Copy : You can copy content to a USB storage device.
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. Closes the app.
 - You cannot delete files that are shared from other devices.
 - Different settings items are available depending on the filtering or model you selected.
 - Certain content may not be displayed on the list if the number of all content exceeds 40,000.

CONNECT EXTERNAL DEVICES (Cont.)

VIEWING PHOTOS

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

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



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.
 - Using the 360° VR Play on a normal photo may distort the image.
 - Some models may not be supported.
7. Plays a music file selected from the storage device as background music.
8. Sets the photo size or changes the speed or effects for the slideshow.
 - Some models may not be supported.

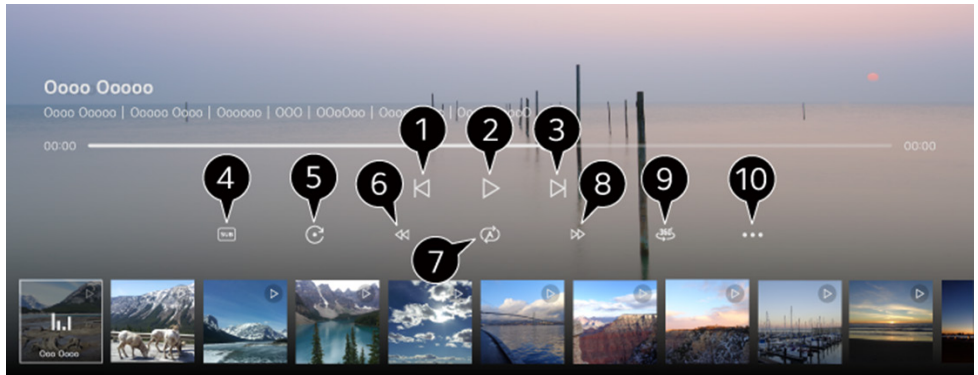
CONNECT EXTERNAL DEVICES (Cont.)

PLAYING VIDEOS

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

Pressing the LEFT/RIGHT buttons on the remote control allows you to skip backward/forward 10 seconds.

You can access more features by pressing the DOWN button on the remote control while playing a video.



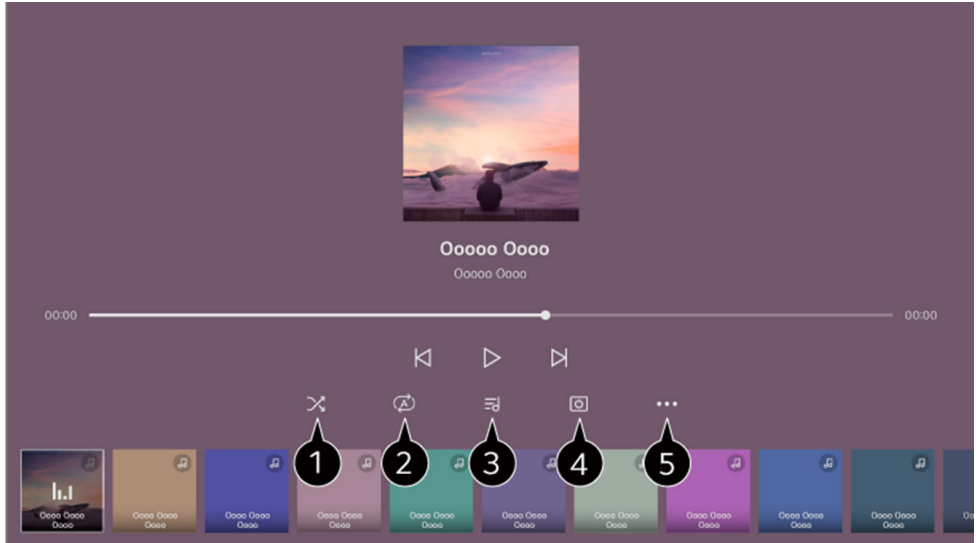
1. Shows the previous video.
2. Plays or pauses the video.
3. Shows the next video.
4. You can change subtitle settings.
5. Rotates videos.
6. Fast-rewinds the video at higher speeds.
7. You can do the settings related to play on repeat of the video.
8. Fast-forwards the video at higher speeds.
9. 360-degree videos can be viewed in 360 degrees.
 - Using the 360° VR Play on a normal video may distort the image.
 - Some models may not be supported.
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.

CONNECT EXTERNAL DEVICES (Cont.)

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 DOWN 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 play back position.
 - The lyrics feature is only supported on some devices.
 - The lyrics may not be displayed in sync depending on the lyrics data in the music file.
 4. You can listen to music with the screen turned off.
 5. Lyrics Sync : You can set the lyric speed.
 - This feature may not be supported depending on the music.
- User Guide : Move to the User Guide app.
- Quit App : Turns off the app from running in the background.

CONNECT EXTERNAL DEVICES (Cont.)

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.

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.

CONNECT EXTERNAL DEVICES (Cont.)

MATTERS THAT REQUIRE ATTENTION OF CONTENT SHARE

- Check your network settings if the content share option does not work properly.
- May not work properly on a wireless network. It is recommended that you connect to a wired network.
- May not work properly depending on the network environment.
- If multiple TVs are connected to one device, the content may not be played properly depending upon server performance.
- To watch a 1080p video through the content sharing function, a router using the 5 GHz frequency is required.
- If you use the existing 2.4 GHz router, the video may be laggy or not play properly.
- The Content Share function may not be supported for a router that does not support multi-cast. For more information, refer to the user guide that came with your router or contact the manufacturer.
- Captions are only supported on some connected devices.
- We recommend using the SmartShare PC software when viewing video subtitles.
- When a subtitle file is added later, disable the shared folder and then enable it again.
- The DRM files in the connected device will not play.
- Even for the file format supported by the TV, the supported file format may differ depending on the connected device environment.
- If there are too many folders or files in a folder, it may not work properly.
- The information on the file imported from the connected device may not be displayed correctly.
- Depending on the encoding, some streams may not play in content sharing mode.

CONNECT EXTERNAL DEVICES (Cont.)

TO SEE THE PC SCREEN ON THE TV

CONNECT WIRELESS

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.
- It is recommended that you always update your device to be connected to your TV to the latest OS version for a reliable connection.
 - It is recommended that you use this function at close range.
 - Start Screen Share faster by having your mobile device or PC connected to the same network as the TV.
 - Though it can be connected without a wireless router, connecting your device to a 5 GHz router is recommended because the performance can be affected by the surrounding wireless environment.
 - The response rate may vary depending on the user's environment.
 - It's different from Windows version. For more information on the device you want to connect to, refer to its user guide.
 - If connection fails repeatedly, turn off the TV and the device you want to connect to, then turn them back on and try again.

CONNECT WIRED


Connect the PC with TV by HDMI cable.

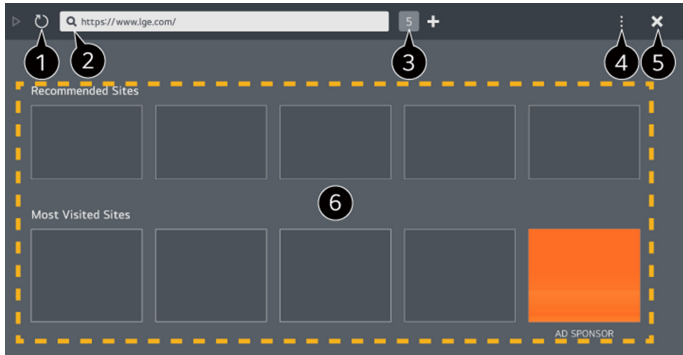
CONNECT EXTERNAL DEVICES (Cont.)



USING THE WEB BROWSER

You can enter the website when you input the web address on the URL bar.



If you input the search word, it will find the information about search word base on the search engine.

- a. Press the  button on the remote control.
- b. Run the Web Browser application.



1. You can refresh the web page you are viewing.
2. You can type in a web address to navigate to a specific website or enter a search term directly.
3. You can view the tabs that are currently open.
4. You can zoom in or out on the screen while browsing the website.
Block Ads : You can block ads within the web page you are viewing. However, this button is only displayed if  -> Settings -> Use Block Ads feature is set to On.
TV View : Split the screen to display the TV screen. You can browse web pages while watching TV.
History : You can view and delete the website visit history.
Add to bookmarks : You can add the website you are currently viewing to your Favourites.
Bookmarks : You can view and delete the list of websites you have added to your Favourites.
Settings : You can change the web browser settings.
User Guide : Launch User Guide.
Quit App : Turns off the app from running in the background.
5. Closes the app.
6. The new tab screen shows a list of Recommended Sites and Most Visited Sites. If you do not want Recommended Sites to be displayed, set  -> Settings -> Show Recommended Sites to Off. Recommended Sites may vary by country and is only available in certain countries.

CONNECT EXTERNAL DEVICES (Cont.)

- The Web Browser app on your TV is a browser for TV, so it may work differently than the browser for your PC.
- Some contents may not be played properly.
 - Flash Plug-in is not supported, and only HTML5 media is supported.
 - Plug-in installation is not supported.
 - Media in formats other than JPEG/PNG/GIF may not be played.
 - Apps may be forced to shut down if the TV runs out of memory.
 - The fonts provided on the TV are used. Depending on the content, characters may look different from PC or mobile browsers.
 - File and font downloads are not supported.
 - Caution is required because malicious or phishing sites are not automatically blocked.
 - Some functions of Web Browser may not be supported temporarily due to external factors.
- The website can be accessed through the TV's Web Browser app, so care needs to be taken about children's access to harmful online contents. You can lock the Web Browser app to prevent access to harmful online contents. Configure the settings in  >  > General -> System -> Safety -> Application Locks.
- If you experience problems while using Web Browser, refer to Troubleshooting in User Guide.

CHANGING WEB BROWSER SETTINGS

Select  Settings at the top of the Web Browser app.

On Startup - When starting the Web Browser app, you can set the app to operate in one of Open the New Tab page/Continue where I left off/Home page: custom websites.


Search Engines - You can select a search engine to search for when entering a keyword in the address bar. Search engine settings may be subject to change without notice based on the supplier's circumstances.

Show Recommended Sites - You can set whether or not to display a list of Recommended Sites on the new tab screen.

CONNECT EXTERNAL DEVICES (Cont.)

Always Show Address Bar - When set to On, the address bar and menu bar area at the top will always be displayed.

Automatic Web Browser Issue Report - When set to On, if a failure occurs due to insufficient memory (operation delay or malfunction, media playback failure, page loading failure, abnormal shutdown, etc.), the information is automatically sent to the LG Electronics (Korea) Web Browser development team. The submitted information will only be used to improve the Web Browser performance.

Use Block Ads - When it is set to On, if you press the  at the top of Web Browser, a button to turn on or off Use Block Ads will appear on the screen. Turning on the Use Block Ads feature speeds up page loading by blocking ads included in the website.

Site Filtering - You can register websites to block or allow.

Approved Sites : You can configure the settings to open the previously registered web pages only.

Blocked Sites : You can configure the settings to block specific websites. To use the Site Filtering function, you should enter the TV password.

Pop-up Blocker - Blocks pop-ups that are automatically displayed by web pages.

Private Browsing - If set to On, a history of website visits will not be stored.

Do Not Track - You can request to not leave a history of your visit on the website. The operation may vary depending on the policy of the website.

Adaptive Streaming using JavaScript - The media streaming technology using JavaScript allows you to view video with optimised resolution. If this is set to Off, the resolution of the videos played in Web Browser is limited to 720p.

Cookies Settings - Enables the website to store and use cookie data.



Clear Browsing Data - Clear Cookies : Deletes cookie data. When deleted, you are logged out of most sites.

Clear All Browsing Data : Deletes all browsing history, including cookies.

LIVE PLUS

USING THE LIVE PLUS FUNCTION

Live Plus provides an enhanced viewing experience related to the content you're watching including looking at additional information, participating in events, interacting with advertisements, etc.

- 1) Press the  button on the remote control.
- 2) Select  -> General -> System -> Additional Settings.
- 3) Set Live Plus to On.
 - Some models may not be supported.
 - You can still access some of the Live Plus features when using external devices such as a set-top box.
 - If you set up a universal remote control, you can use Live Plus even when using external devices.
 - This service is provided for only select content with contracted partner


SETTINGS

QUICK SETTINGS

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.



1. You can set more options.
 - You can also long-press  button of the remote control to run the All settings directly.
2. Directs to the Accessibility settings.
3. Directs to the Network settings.
4. You can add/delete items in Quick Settings and change the order.
5. The most recently selected item in Quick Settings is displayed.
6. You can change the settings for screen, sound, etc. or run functions.
 - You can edit it to any item you wish.
 - The configurable items differ depending on model.


GAMING

GAME DASHBOARD

During a game, you can quickly change the Game Genre and check the settings status in real-time. Press the  button on the remote control.

- When you connect a game console and run a game, General -> Game Optimiser is changed to On, and Picture -> Select Mode is changed to Game Optimiser. If Game Dashboard does not display, please check each setting.





1. You can optimise the screen depending on the genre of the game.
2. Real-time signals and the selected genre's settings values are displayed.
 - The items displayed may vary by model.
3. Dark Room Mode : You can adjust the brightness of the entire screen to reduce eye strain in a dark environment or when watching for a long time to make the screen easier to watch.
Menu Colour : You can change the colour of the menu.
Game Optimiser : Directs to the Game Optimiser settings. To see the details, click the Settings Game Optimiser in User Guide.
All Settings : You can set more options. You can also long-press  button of the remote control to run the All settings directly.
4. Launch User Guide.
 - The configurable items differ depending on model.

SETTINGS - PICTURE

PICTURE

Selecting Picture Mode

1. Press  >  > Picture -> Select Mode
 2. Select the picture mode that is best suited to your viewing environment, preferences or video type.
 3. 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

Vivid - Sharpens the image by increasing the contrast, brightness and sharpness.

Standard - Displays the picture with normal contrast, brightness and sharpness levels.

Eco / APS - The Energy Saver feature changes settings on the TV to reduce power consumption.

- The configurable items differ depending on model.

Cinema - Suitable picture for movies.

Sports / Football / Cricket - Suitable picture for sports games. Sharpens the image of rapid movements such as kicking or throwing a ball.

- The name of the sport may differ depending on region.

Game Optimiser - Suitable picture for gameplay.

WHEN YOU USE THE HDR SIGNALS

Vivid - Sharpens the image by increasing the contrast, brightness and sharpness.

Standard - In a normal viewing environment, it opens a screen that can properly show the expressiveness and brightness of HDR.

Cinema - Suitable picture for HDR video signal.

Game Optimiser - Suitable picture for gameplay.

- If the HDR video signal is input to the models that do not support the HDR, It will be provide normal signals picture mode options.
- Depending on the input signal, the available picture modes may be different.
- When watching online service content, the Picture Mode may be changed to match the content being shown.

SETTINGS - PICTURE (Cont.)

ASPECT RATIO



-> ⋮ -> Picture -> Aspect Ratio -> User Selection

You can change the screen size according to the type of content you are watching.

16:9 - Displays an aspect ratio of 16:9.

Original - The optimal screen ratio changes depending on the input image signal.

4:3 - Displays an aspect ratio of 4:3.

Vertical Zoom - You can adjust the vertical dimension of the screen and align the screen vertically by using Adjust Zoom Ratio and Adjust Screen Position.

4-Way Zoom - You can adjust the horizontal/vertical/diagonal dimensions of the screen and align the screen horizontally/vertically by using Adjust Zoom Ratio and Adjust Screen Position.

- The configurable items differ depending on model.
- The picture may get distorted while zooming in or out.
- 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.

View Screen with Just Scan



-> ⋮ -> Picture -> Aspect Ratio -> Just Scan



If you turn this feature On, you can view the content in the aspect ratio that is in the broadcast signal or content source. If the edge of the screen is not clean, please turn it Off.

If set to Auto, the feature switches between On or Off status depending on the information contained in the video signal.

- The items that can be selected may vary depending on the current input.



SETTINGS - PICTURE (Cont.)

BRIGHTNESS

 ->  -> Picture -> Advanced Settings -> Brightness
You can adjust the brightness of the entire screen.

Panel Brightness

Controls the level of screen brightness by adjusting the backlight. The closer to 100, the brighter the screen.

- Decrease the Panel Brightness to reduce energy consumption.
 - Depending on the Energy Saving (Auto/Maximum), you may not be able to adjust the Panel Brightness.
In this case, navigate to  ->  -> General -> Energy Saving -> Energy Saving Step and set to Off or Minimum.
 - Depending on your TV model, you might not have the Panel Brightness setting.
-
- The configurable items differ depending on model.
 - The picture may get distorted while zooming in or out.
 - Selecting a different screen size from the original size may cause the image to look different.

SETTINGS - PICTURE (Cont.)

ADJUSTING COLOUR



->  -> Picture -> Advanced Settings -> Colour

Colour Depth

Tones down or up the colours displayed on the screen. The closer to 100, the deeper the colour.

Tint

Adjusts the colour balance between red and green displayed on the screen. The closer to Red 50, the more red the colour will be. The closer to Green 50, the more green the colour will be.

Fine Tune

Adjust the colour as you like to fine tune the image.

Colour Adjustment

Adjusts the Colour and saturation of the picture to make the image more Colourful and lively.

White Balance

The function to adjust each colour to be reproduced more accurately based on white allows you to adjust the overall colour tone of the screen to your preference.

Colour Temperature

You can set the colour to make the display look cooler or warmer.

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

SETTINGS - PICTURE (Cont.)

ADJUSTING CONTRAST



->  -> Picture -> Advanced Settings -> Clarity

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

Adjust Sharpness

Adjusts the sharpness of the image. The closer to 50, the sharper and clearer the image.

Noise Reduction



Removes small dots that stand out so as to make the image clean.

Real Cinema



Optimise display for movies.

SETTINGS - PICTURE (Cont.)

APPLYING THE CURRENT PICTURE SETTINGS TO ALL INPUTS

 ->  -> Picture -> Advanced Settings -> Apply to All Inputs
The settings you specify only apply to the currently selected input mode.
To apply your current picture settings to all input modes, select Apply to All Inputs.

RESETTING PICTURE MODE

 ->  -> Picture -> Advanced Settings -> Reset
If you want to reset the image settings to the factory defaults after configuring the image settings, select reset for each image mode.

SETTINGS - SOUND

SELECTING SOUND MODE

 ->  -> Sound -> Select Mode

You can select the most suitable sound mode for each genre.

Standard

Optimises the sound for all types of content.

Cinema

Optimises the sound for cinemas.

Clear Voice / Clear Voice Pro

Boosts voice clarity.

Sports / Football / Cricket

Optimises the sound for sports games.

- The name of the sport may differ depending on region.

Music

Optimises the sound for music.

- This setting is only available for Internal TV Speaker.

- The configurable items differ depending on model.


SETTINGS - SOUND (Cont.)

USE WIRELESS SPEAKER

 ->  Sound -> Sound Out -> Use Wireless Speaker

Bluetooth Device

Wirelessly connect a Bluetooth audio device to enjoy TV sound more conveniently. Refer to the user manual of the Bluetooth audio device for details on how to connect and use the device.

- Press  to view the connected devices or the devices that can be connected to connect any one of them.
- For some Bluetooth devices, the device volume can be controlled by selecting from the connection list.
- LG Sound Sync devices will automatically try to connect to the recently used devices when you turn the TV on.
- We recommend that you connect an LG audio device that supports LG Sound Sync, using LG TV mode or LG Sound Sync mode on device.
- Some models may not be supported.
- The audio codec that can be output via Bluetooth is SBC/aptX™.
- If the device fails to connect, check the power of the device to connect to and check if the audio device is working properly.
- Depending on the type of the Bluetooth device, the device may not connect correctly or an abnormal behavior may occur such as unsynchronized video and audio.
 - The mobile-only headsets may not work.
- Sound may stutter or sound quality may be reduced if:
 - the Bluetooth device is too far from the TV;
 - there are obstacles between the Bluetooth device and the TV; or
 - used together with radio equipment such as a microwave oven or wireless LAN
- If the Picture -> Select Mode is set to Game Optimiser and Sound Out is set to Bluetooth Device, the Picture -> Select Mode changes to Standard.
- If you continue to experience problems, we recommend using a wired connection. (Optical digital, HDMI (eARC/ARC) port)

Mobile Device

If you install the LG ThinQ app on a smart device and connect it to your TV, you can use the device as a speaker for the TV.

SETTINGS - SOUND (Cont.)

USE WIRELESS SPEAKER

 ->  Sound -> Sound Out -> Use Wired Speaker

Optical Out Device

You can connect an audio device that supports Optical to the optical digital audio output port to enjoy your TV's sound in richer quality and greater convenience.

- Only available for models with an optical digital port.
- For some devices, you can adjust the volume using the TV remote control

HDMI(ARC) Device

Sound from the TV can be output through an external audio device connected via a HDMI (eARC/ARC) port.

- Select HDMI(ARC) Device to automatically turn on SIMPLINK. Once SIMPLINK is turned off, the output speaker settings automatically revert to the default settings for uninterrupted audio output.


Audio Out Device / Wired Headphones

Select Wired Headphones or Audio Out Device to optimise audio output according to the device connected.

- Some models may not be supported.
- If you connect the wired headphones while the TV is powered on, it automatically detects the wired headphones and redirects audio through them.

SETTINGS - SOUND (Cont.)

USE EXTERNAL SPEAKERS WITH TV SPEAKER

 ->  Sound -> Sound Out -> Use External Speakers with TV Speaker
Audio can be played through the multiple devices simultaneously.

Optical Out Device + TV Speaker



Audio is played through the TV's built-in speakers and the audio device connected to the digital optical audio output port simultaneously.

Wired Headphones + TV Speaker

Audio is played through the TV's internal speakers and the Wired Headphones simultaneously.



- Some models may not be supported.
- If you connect the wired headphones while the TV is powered on, it automatically detects the wired headphones and redirects audio through them.

BALANCE

 ->  Sound -> Advanced Settings -> Balance
You can adjust the volume of the left and right speakers.

- This setting is only available for Internal TV Speaker.



EQUALIZER

 ->  Sound -> Advanced Settings -> 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

Applying the Current Sound Settings to All Inputs

 ->  Sound -> Advanced Settings -> Apply to All Inputs
The settings you specify only apply to the currently selected input mode. To apply your current sound settings to all input modes, select Apply to All Inputs.

RESET



Initializing Sound Settings

 ->  Sound -> Advanced Settings -> Reset. Restores the detailed effect settings for the Standard sound mode to the initial settings.

- This setting is only available for Internal TV Speaker.

SETTINGS - SOUND (Cont.)

INSTALLATION TYPE

 ->  Sound -> Advanced Settings -> Installation Type
This mode optimises the sound based on the TV setup.

Stand - Select this if the TV is installed in stand-type.

Wall-mounted - Select this if the TV is installed in wall-mounted type.

- This setting is only available for Internal TV Speaker.

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.

DTV AUDIO SETTING

 ->  Sound -> Advanced Settings -> DTV Audio Setting

When different audio types exist in an input signal, this function allows you to select the audio type you want.

If set to Auto the search order is AC4 > HE-AAC > Dolby Digital Plus > Dolby Digital > MPEG and output is produced in the first Audio Format found.

- The following search order may change depending on the country :
HE-AAC > Dolby Digital Plus > Dolby Digital > MPEG.
- If the selected Audio Format is not supported, another Audio Format may be used for output.
- Some models may not be supported.

ADJUSTING AV SYNCHRONIZATION

 ->  Sound -> Advanced Settings -> Match Screen and Sound



Adjusts the synchronization of the sound from the speaker that is working.

The closer the value is set to 60, the slower the voice output speed will be than the default speed. If you select Bypass, 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.



SETTINGS - SOUND (Cont.)



SELECT HDMI INPUT AUDIO FORMAT

 ->  Sound -> Advanced 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.



SETTING DIGITAL SOUND OUTPUT

 ->  Sound -> Advanced Settings -> Digital Sound Output
You can configure the Digital Sound Output settings.

- This setting is only available when  ->  Sound -> Sound Out -> Use Wired Speaker is set to Optical Out Device/HDMI(ARC) Device.
- When Pass Through is enabled, sound effects may not be output.
- The codec output with a device may differ from input signals.



SETTINGS - PROGRAMMES

AUTOMATICALLY SETTING UP PROGRAMME

 ->  General -> Programmes -> Programme Tuning -> 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.
3. Set Auto Tuning following screen instructions.
 - If Input Source is not connected properly, programme registration may not work.
 - Auto Tuning only finds programmes that are currently broadcasting.
 - If Safety is turned on, a pop-up window will appear asking for password.

TO USE MANUAL PROGRAMME 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.

TO USE THE SIGNAL TEST


 ->  General -> Programmes -> Programme Tuning (Programme Tuning & Settings) -> Signal Test

Shows the MUX and Service information etc.

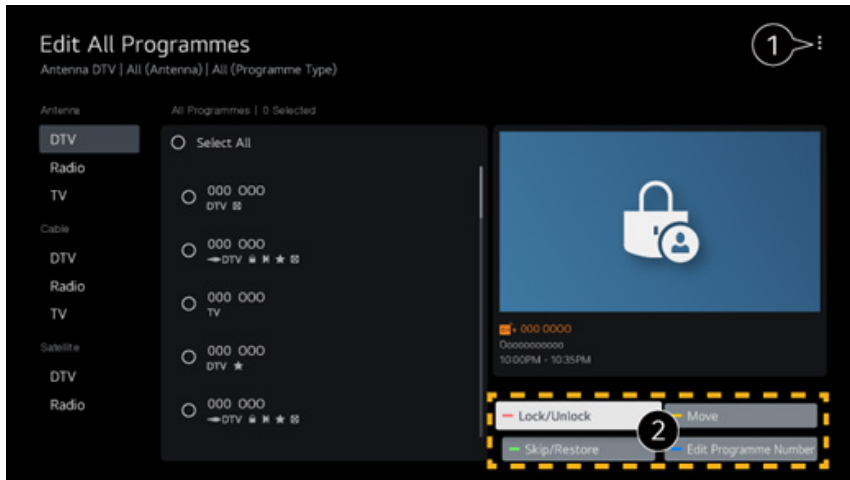
- Signal test is only available in Antenna or Cable mode.
- Some models may not be supported.

SETTINGS - PROGRAMMES (Cont.)

EDIT PROGRAMMES

 ->  General -> Programmes -> Programme Manager -> Edit All Programmes



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

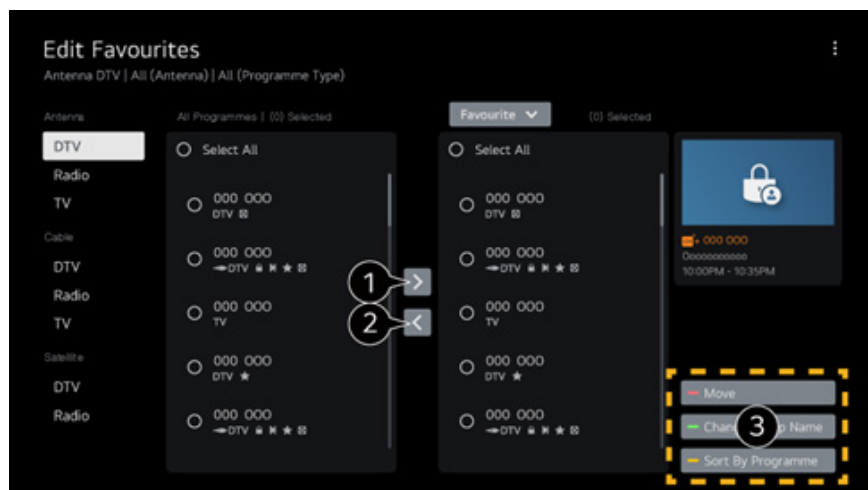


1. Set the sorting option.
 2. **Lock / Unlock:** Lock the selected programmes or unlock the locked programmes.
Skip / Restore: Set the selected programmes to be skipped when switching programmes, or disable the skipping option of the programmes previously set to be skipped.
Move: Move the selected programmes.
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 programmes, you can manage the satellite programmes in Edit Satellite Programmes (Advanced).

SETTINGS - PROGRAMMES (Cont.)

EDIT 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.

LEARN MORE ABOUT 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.

To see the details, click the Enjoy Live TV -> HbbTV in User Guide.

- Some models may not be supported.

SETTINGS - CONNECTION

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 connect 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



-> General -> Network -> 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. For more detailed settings, select Other Network Settings.

Add a hidden wireless network

If you input the name of network directly, you can add a wireless network.

Connect via WPS PBC.

If the wireless router you want to connect to has a Wi-Fi Protected Setup-Push Button Configuration (WPS-PBC) feature, you can easily connect to the wireless router by pressing the WPS-PBC button on the router. Press the wireless router's WPS-PBC button and then press the TV's [Connect] button.

Connect via WPS PIN.

This is a method to connect to an access point using a Wi-Fi Protected Setup-Personal Identification Number (WPS-PIN). Select the access point you want to connect to. Enter the PIN displayed on the access point's Wi-Fi device.

Advanced Wi-Fi Settings

Once you connect to a wireless network, you can view connection information such as detailed IP address information. In addition, you can change the IP address and DNS server address you want to connect to by pressing the Edit button.

- For more information on how to connect to the network, see Getting Started with webOS Hub -> Connecting to the Network in User Guide.

SETTINGS - DEVICES

SETTING TV



->



General -> Devices -> TV Management

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.

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.

TV Information

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

SETTINGS - DEVICES (CONT.)

MANAGING EXTERNAL DEVICE CONNECTIONS



-> General -> External Devices

You can set to use a smart device connected to the TV to control the TV or manage the connection history.

- The configurable items differ depending on model.

Connect Bluetooth Controller

You can connect and use devices such as a Bluetooth-enabled keyboard, mouse, or a gamepad with your TV.

Turn on the device, set it to pairing mode, and then click Connect on your TV screen. When a device you've connected before is turned on, it automatically connects to your TV. To disconnect the existing connection, click Disconnect.

- It is recommended that you use a product that has been tested for compatibility with TVs.

Bluetooth Mouse : Logitech M535, Logitech MX Master 2S, Apple Magic Mouse2

Bluetooth Keyboard : Logitech K480, Artek HB030B, Artek HB192, Apple Magic Keyboard

Bluetooth Gamepad : Sony Dualshock4, Microsoft Xbox One S Controller, Microsoft Xbox Series X Controller, NVIDIA SHIELD Controller

- This feature is available for Bluetooth-enabled models only.
- Connecting multiple Bluetooth devices may result in poor connection or operation.
- If the Bluetooth device is too far from the TV, or there are obstacles between them, they may not operate normally.
- Depending on the peripherals (wireless router, microwave oven, etc.), communication failures may occur.
- If the device you selected from Registered Devices does not reconnect, Disconnect and then reconnect the device.
- It's differ form devices. For more information on the device you want to connect to, refer to its user guide.

SETTINGS - DEVICES (CONT.)

Universal Control Settings

If you set up the universal remote control, you can control peripheral devices connected to the TV instead of their own remote controls.

For more information, see How to Operate TV -> Using Universal Remote Control in User Guide.

TV On With Mobile

If Turn on via Wi-Fi or Turn on via Bluetooth is set to On, you can turn on your TV using an application that supports TV On With Mobile.

- The TV should be connected to a network.
- The TV and the device to be used should be connected to the same network.
- The Turn on via Wi-Fi feature must be used in an app on a smart device that supports the feature.
- Turn on via Bluetooth is only available on some smartphones.
- The TV must be plugged in.
- To connect for the first time, make sure the device to be used is ready to connect.
- Some models may not be supported.

Delete Connection History

You can delete the connection history of the devices connected to the TV on the wireless network.

SETTINGS - DEVICES (CONT.)

SETTING HDMI EXTERNAL INPUT



->



General -> HDMI Settings

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



SIMPLINK (HDMI-CEC)

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

To see the details, click the How to Operate TV -> Connecting to SIMPLINK (HDMI-CEC) in User Guide.

SETTINGS - GENERAL

CONFIGURING LANGUAGE SETTINGS

Press  >  > General > System > Language

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

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 menu.

- The speech recognition is only applied to some models.

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.

SETTING THE LOCATION

Press  >  > General -> System -> Location

You can change the location setting of your Smart TV.

Address Setting - You can set the Region and City of your TV.

Broadcast Country - You can set the broadcast country on your TV.

Postcode - This function is used to set the broadcast location of the TV by entering your postcode.

Services Country - If you don't set the Set Automatically, you can select the country manually.

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

SETTINGS - GENERAL (Cont.)

TIME & TIMER

Press  >  > General -> System -> Time & Timer

You can check the time or configure related settings.

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.

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.

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

Sleep Timer - Sets the TV to turn off at a specified time. If you do not want to use Sleep Timer, select Off.

Power On Timer - Set Power On Timer to On. The TV is turned on and displays the set programme at the set time.

- Time : Set the time at which to turn the TV on.
- Timer Repeat : Set the day of the week. Set the option to None to operate the feature only once.
- Input : Set an external input to display when the power is turned on.
- Timer Programme : Set a channel to display when the power is turned on. This option can be set only when Input is set to TV.
- Volume : Set audio volume to use when the power is turned on.

Power Off Timer - Set Power Off Timer to On.

The TV is turned off at the set time.

- Time : Set the time at which to turn the TV off.
- Timer Repeat : Set the day of the week. Set the option to None to operate the feature only once.

SETTINGS - GENERAL (Cont.)

SETTING SAFETY

Press  >  > General -> System -> Safety

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

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.

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.

Application Locks - You can lock or unlock the application. The lock function is not immediately available for the currently running application.

Input Locks - You can lock or unlock the Inputs.



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".

SETTINGS - GENERAL (Cont.)

ADVERTISEMENT

1. Press  >  > General -> System -> Additional Settings -> 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.

Reset AD ID - User interest information is newly collected, and advertisements are provided according to the information.

- Some models may not be supported.

SETTINGS - GENERAL (Cont.)

SET ID



> General -> System -> Additional Settings -> 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



> General -> System -> Reset to Initial Settings

Return TV to its initial settings. After reset, the TV will automatically turn off and on.

RESET ALL

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



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.

SETTINGS - ACCESSIBILITY

CHANGING THE MENU TO HIGH-CONTRAST SCREEN

 >  > General -> Accessibility -> 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

 >  > General -> Accessibility -> 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

 >  > General -> Accessibility -> 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.

TO SET SUBTITLE



 >  > General -> Accessibility -> Subtitles

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

 >  > General -> Accessibility -> Audio Description

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.

SETTINGS - ACCESSIBILITY

AUDIO TYPE

 >  > General -> Accessibility -> Audio Type - Audio commentary or subtitles are provided for those who are hard of hearing or visually impaired.

Normal - Selects default Audio.



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

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

Any Supplementary Audio - Displays all supplementary audio.

- Some models may not be supported.

ADDITIONAL AUDIO FUNCTION

 >  > General -> Accessibility -> Additional Audio Selection

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

None - Selects default Audio.

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

Clean Audio - For the hearing-impaired Selects the preferred Clean Effect and Hearing Impaired Audio.

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

- Some models may not be supported.

TO SET HARD OF HEARING

1. Press the  button on the remote control.

2. Select  > General -> Accessibility.

3. Set Subtitles to On.

4. 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 UPGRADE

Press  >  > Support > Software Update

Uses software update to check and obtain the latest version.

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

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, Allow Automatic Updates is not displayed if you are not connected to the Internet.

PRIVACY & TERMS

 >  > Support -> Privacy & Terms

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

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

Open Source Software Notice - You can view the instructions for each item.

TROUBLESHOOTING

TROUBLESHOOTING POWER/REMOTE CONTROL ISSUES

If you experience any of the problems below while using the product, please check the following: There may be no problem with the product.



I cannot turn on the TV.

- Please make sure your TV power plug is correctly connected to the outlet.
- If you are using a multi-outlet, check if it is working properly. To check whether a power strip is working properly, plug the TV's power plug directly to a wall outlet and observe its operation.
- Try to power on using the button on your TV set.

The power is on, but the screen comes on later.

This is because there is a noise-removal process to eliminate any possible noise that may appear during power-on. This does not mean the product is defective.

The pointer of Magic Remote is not appear in the screen.

- Hold the remote control towards the TV and long-press GUIDE button until the instruction appears. The previously registered remote control is deregistered and then registered again.
- Replace the batteries when you are prompted to do so on your TV screen. (Use alkaline batteries.)
- If  >  > General -> Accessibility -> Audio Guidance is set to On, the pointer of the Magic Remote does not appear. Set Audio Guidance to Off. (Some models may not be supported.)

I cannot turn the TV on with the remote control.

Please make sure your TV power plug is correctly connected to the outlet.

- Replace the batteries in the remote control. (Use alkaline batteries.)
- Check if there is an obstacle blocking the signal in front of the TV's remote control receiver. If there is an obstacle, such as a soundbar, in front of the receiver at the bottom of the TV, IR recognition may not work properly.

TROUBLESHOOTING (CONT.)

The power turns off suddenly.

- Check whether the Power Off Timer, No Signal Auto Off or No Operation Auto Off is set.
- The TV will be turned off automatically if you do not press any buttons for 4 hours even after the TV is turned on at the time set by Reminder or Power On Timer.
- There is also a chance that the internal protection circuitry has activated because the internal temperature of the product has risen unusually or excessively.

I cannot turn on or operate the device with the TV remote control even after setting the universal remote control.

- Make sure that the device's power plug is plugged into the outlet.
- Replace the batteries in the remote control. (Use alkaline batteries.)
- Check if there are any obstacles blocking the signal in front of the connected device's remote control receiver.


TROUBLESHOOTING (Cont.)

TROUBLESHOOTING SCREEN ISSUES



If you experience any of the problems below while using the product, please check the following: There may be no problem with the product.

If you are using a set-top box, turn it off, and then turn it back on. Make sure that the set-top box is correctly connected to your TV.

It says there is no signal on the screen.

- Check whether the coaxial cable or the cable connected to the external device is properly connected to the TV.
- Go to  to choose the connected input.
- Check if your external device, such as set-top box or Blu-ray player, is turned on.

I cannot see some programmes.

- Press the  >  > General -> Programmes -> Programme Tuning (Programme Tuning & Settings) -> Auto Tuning.
- If you are using a set-top box, consult its supplier.

The screen is cut off

- Go to  >  > Picture and change the Aspect Ratio.

When using an external device (set-top box, game console, etc.), check the screen size settings in the Settings menu of the device.

The screen shakes after the momentary appearance of vertical/horizontal lines and net pattern.

Connect wireless telephones, hairdryers, electrical drills, etc. to a different power outlet. The problem may be caused by high-frequency electronic devices such as another TV or strong electro-magnetic sources nearby.

Each programme has a different image quality.



- Depending on the type of videos provided by the broadcasters, programmes may have different image qualities.
- If you are using a set-top box, consult its supplier.

TROUBLESHOOTING (Cont.)



There is a difference in image quality from those seen at the store

Depending on the type of video provided by the broadcasters, there may be a difference in image quality from those displayed at the store.

A digitally broadcasted programme stops or its screen is broken.



- This happens when a signal is weak or reception is unstable. Adjust the antenna direction or check the cable connection.
 >  > General -> Programmes -> Programme Tuning (Programme Tuning & Settings) -> Manual Tuning
If the signal strength is too low in Manual Tuning, contact the broadcasting station or management office to have the signals checked.
- If you are using a set-top box, consult its supplier.

When HDMI input is in use, a vertical solid line or colour blurring appears on the upper/lower/left/right edges of the screen.

 >  > Picture -> Aspect Ratio -> Just Scan
Set Just Scan to Off.

Just Scan shows you the original image as it is. If the signal is weak, the top/bottom/left/right sides of the screen may be snowy.

I don't see anything, or the image keeps flickering when I try to connect the HDMI cable.

- Check whether your HDMI® cable is compliant with the specifications. You may experience flickering or a blank screen if the HDMI® cable is faulty \ (bent, broken).
- Make sure that the cable is correctly connected to the port. Bad or loose contact may cause display problems on the screen.
- If using a UHD set-top box, adjust  >  > General -> Devices -> HDMI Settings -> HDMI Deep Colour.

The screen looks too dim or dark.

 >  > Picture -> Select Mode

Switch Select Mode to your desired picture mode. (Standard, Vivid, etc.)

This applies to the current input mode only.

ULTRA HD video does not display.

- With some HDMI cables, signals may not be received.
- Change the settings of the connected device to the supported signal.

TROUBLESHOOTING (Cont.)



TROUBLESHOOTING SOUND ISSUES

If you experience any of the problems below while using the product, please check the following: There may be no problem with the product.



If you are using a set-top box, turn it off, and then turn it back on.

Make sure that the set-top box is correctly connected to your TV.



The screen is fine, but it does not play any sound.

- Try another programme.
- If you use a set-top box, there will be no sound if you have set the volume of the set-top box or your TV to 0 or enabled Mute. Set the volume to an appropriate level.
-  >  > Sound -> Sound Out
Set the Sound Out to Optical Out Device + TV Speaker or Use TV Speaker, and then check it once again. If you can hear the sound without any problem, check the connection with external speakers such as sound bar and the settings of the external speakers.



There is no sound coming from one of the speakers.

-  >  > Sound -> Advanced Settings -> Balance
Adjust the balance as necessary with the Navigation button in Balance.
- When you are connecting to the AV IN, check if the audio left/right (white/red) cables are correctly connected. (AV IN port is available in certain models only.)

The TV sound is not synchronized with the picture, or the sound sometimes breaks up.

- If this happens on only some of the programmes, it may be caused by the broadcasting company's transmission signal. Please have your broadcasting services provider (wired/cable) diagnose the problem.
- If all programmes are out of sync, go to  >  > Sound -> Advanced Settings -> Match Screen and Sound and adjust the sync.
- If you are using a set-top box, consult its supplier.

The volume changes when I change the programme.

- The volume of different broadcasting stations' transmission output may vary.
-  >  > Sound -> Advanced Settings -> Automatic Volume Adjustment
Set Automatic Volume Adjustment to On.
- If you are using a set-top box, consult its supplier.

TROUBLESHOOTING (Cont.)

The volume keeps changing.



> Sound -> Advanced Settings -> Automatic Volume Adjustment
Set Automatic Volume Adjustment to On.



The sound does not work or only the background music is played in some programmes.

(Programmes produced for export by broadcasting companies)

- Set your language preference in -> Audio Language.

TROUBLESHOOTING (Cont.)

TROUBLESHOOTING MOVIE PLAYBACK ISSUES

Run Home Dashboard by pressing the  button on the remote control. Select  -> Edit Inputs in the upper right corner. In the Edit mode, set the icon of the HDMI terminal connected to the PC to PC to apply the video and aspect ratio settings that are aligned with the PC.



If you experience any of the problems below while using the product, please check the following: There may be no problem with the product.

The screen remains blank after it is connected to a PC.

- Check that the PC is properly connected to the TV.
- Turn the TV off and back on using the remote control.
- Restart the PC with the TV on.
- Make sure that the output resolution set on the PC is set to the HDMI-PC supported resolution of the TV.
- To use dual monitors, check that the PC or notebook supports dual-monitor mode.
- Reconnect the HDMI cable.
- If you have connected the RGB output port of your PC to the HDMI IN of your TV, you need an RGB to HDMI gender.

You will not see anything on the screen if you use an HDMI to RGB gender.

The screen is not fully shown or is lopsided when connected to a PC.

- Set the PC's resolution to one supported by the TV. For more information, see Being Aware of the Information -> Supported Resolution : HDMI-PC in User Guide.
- Set the connected HDMI device's name to PC.
Run Home Dashboard by pressing the  button on the remote control. Select  -> Edit Inputs in the upper right corner. Change the icon of the HDMI port connected to Inputs to PC and select Save.

The sound does not play when the PC is connected with an HDMI cable.

- Set TV as the default device in Sound Playback in Control Panel of \ PC settings.
- Consult your manufacturer on whether your graphics card supports HDMI audio output.

TROUBLESHOOTING (Cont.)

TRUBLESHOOTING NETWORK CONNECTION ISSUES

If you experience any of the problems below while using the product, please check the following: There may be no problem with the product.

Before connecting to a wireless network, check the name and password of the Wi-Fi device to connect.

You can check the network connection status as shown below.



-> General -> Network -> Wired Connection (Ethernet)



-> General -> Network -> Wi-Fi Connection -> Other Network Settings -> Advanced Wi-Fi Settings

When X appears next to TV icon

- Check the TV or the AP (Router).
- Check the connection status of the TV, AP (Router) and cable modem.
- Power off and power on in the following order;
 1. Turn your cable modem off and back on, and wait for the device to reset.
 2. Turn the wired/wireless router off and back on, and wait for the device to reset.
 3. Turn the TV off and on.
- If you want to establish a wired LAN connection, check whether an IP address can be obtained from your router properly. If you are setting up your network manually, check whether all settings are correct.
- If you want to establish a wireless connection, check the following points as well.
 1. Set your router's SSID (network name) or wireless channel.
 2. Set your router's security key.
- If you can't complete this setting, refer to the router's user manual and the instructions provided by your Internet provider. If you are still unable to establish your configuration, consult your router's manufacturer or your Internet service provider.
- If you are using a static IP, enter the IP directly.

TROUBLESHOOTING (Cont.)

When X appears next to Gateway

- Check the AP (Router) or consult your Internet service provider.
- Unplug the router/cable modem from the wall outlet, wait 10 seconds and reconnect it.
- Initialize (Reset) the AP (Router) or cable modem.
- Check the AP (Router) manufacturer's website to make sure your router has the latest firmware version installed.
- If you can't complete this setting, refer to the router's user manual and the instructions provided by your Internet provider. If you are still unable to establish your configuration, consult your router's manufacturer or your Internet service provider.

When X appears next to DNS

- Check the AP (Router) or consult your Internet service provider.
- Unplug the router/cable modem from the wall outlet, wait 10 seconds and reconnect it.
- Initialize (Reset) the AP (Router) or cable modem.
- Check that the MAC address of the TV/AP (Router) is registered with your Internet service provider.
- (The MAC address displayed on the pane of the network status window should be registered with your Internet service provider.)

If you can't complete this setting, refer to the router's user manual and the instructions provided by your Internet provider. If you are still unable to establish your configuration, consult your router's manufacturer or your Internet service provider.



TROUBLESHOOTING (Cont.)

TROUBLESHOOTING CONTENT STORE ISSUES

Troubleshooting Contents Issues

If you experience any of the problems below while using the product, please check the following:

I cannot see any content in HOME.

You may not be able to see the content if the service country setting has been changed. Change to the service country you are going to use the service from in Press  >  > General -> System -> Location -> Services Country.

- If you cannot see some apps, it may be because you deleted them.
- Please reinstall the appropriate app.
- If the app is deleted, you can download the app at Content Store and re-install it. Go to Content Store to find and install the app you want.
- The content offerings are subject to change or interruption by the service provider.

TROUBLESHOOTING INTERNET BROWSER ISSUES

Troubleshooting internet browser Issues

If you experience any of the problems below while using the product, please check the following:

Some parts of a particular website are not visible when I am using the Internet.

- The Web Browser supports only HTML5 media and not Flash Plug-in.
- The Web Browser does not support plug-in installation.

You cannot save attachments or images.

If the Use Block Ads feature is turned on, the area on the website that appears to show an ad will appear blank. If some content on the website is hidden and invisible, try setting Menu icons > Settings

- Use Block Ads to Off in Web Browser. Sponsored AD on the new tab page will be displayed even if you set the Use Block Ads feature to Off.

The Internet browser automatically shuts down when I visit a website.

The Internet browser may be forced to shut down if the available memory size is not sufficient to accommodate the image information for a website.

When watching a video in Web Browser, the video is forced off.

You may be able to fix this by setting Menu icons Settings >

Adaptive Streaming using JavaScript to Off in Web Browser. The setting is not applied to tabs that were open before the change, and is only applied to tabs opened after the change.

SPECIFICATIONS

Operating System	webOS Hub
Resolution	1366 x 768
Refresh Rate	60Hz
Contrast ratio:	5000 : 1
Colours	16.7 Million
Aspect Ratio	16 : 9
Multimedia Playback Format under USB Mode	Music: MP3, OGG, FLAC, M4A, AAC,ADTS, F4A
	Movie: AVI, MP4, M4V, MOV, 3GP, MKV, TS, TRP, TP, MTS, MPG, MPEG, DAT, VOB, 3G2
	Photo: JPEG, JPG, JPE, BMP, PNG
Power Source	100-240V~ 50/60Hz
Power Consumption	55W
Dimensions	With stand: 713 (w) × 194 (d) × 465 (h) mm
	Without stand: 713 (w) × 63 (d) × 420 (h) mm
Weight	Net: 3.6 kg
	Gross: 4.7 kg

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CUSTOMER SERVICE:
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Please read this manual carefully before using, and keep it for future reference.