

CONNECTING EXTERNAL DEVICES

Viewing Photos

- ① Shows the previous content.
- ② Starts the slide show.
- ③ Shows the next content.
- ④ Rotates photos.
- ⑤ Enlarges or reduces the photo.
- ⑥ 360-degree photos can be viewed in 360 degrees.
 - 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.

Playing Videos

Playing Videos

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

Pressing the ◀/▶ buttons on the remote control allows you to skip, backward/forward 10 seconds.

Select ✓ on the screen.



- 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.
- User Guide: Move to the User Guide app.
- Quit App : Turns off the app from running in the background.

Listening to Music

Listening to Music

You can select a song from the Media Player app and play the song.
Select ✓ on the screen.



1.You can set the random play mode.

2.You can set the repeat play mode.

3.Lyrics are available for music files that provide them.

In some music files,you can choose a lyric section and move the playback position.

- The lyrics may not be displays 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.

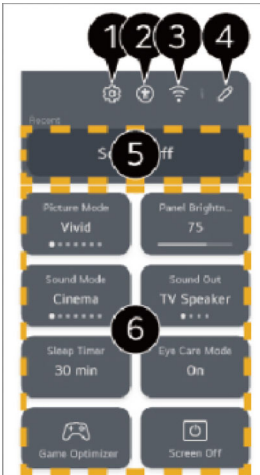
Quit App : Turns off the app from running in the background.

SETTINGS

Quick Settings

To Use Setting Function Quickly

You can quickly and easily use frequently used settings or functions.
Press the  button on the remote control.

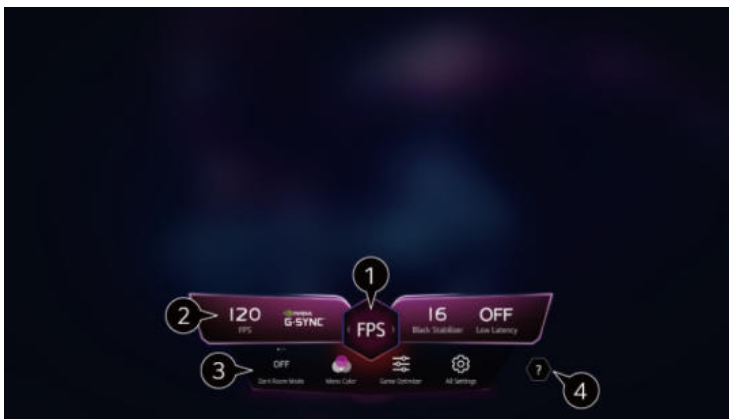


1. You can set more options.
 - You can also long-press  button of the remote control to run the All settings directly.
2. Directs to the Accessibility settings.
3. Directs to the Network settings.
4. You can add/delete items in Quick Settings and change the order.
5. The most recently selected item 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.

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 / Sound → Select Mode is changed to Game Optimiser. If Game Dashboard does not display, please check each setting.



- ① You can optimize 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 Color: You can change the color of the menu.
Game Optimizer: Directs to the Game Optimizer settings. To see the details, click the Settings→Game Optimizer 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 upon model.

Selecting Picture Mode

⚙️ → ⚙️ → Picture → Select Mode

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

- The configurable items differ depending on model.

When You Use Normal Signals

Vivid

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

Standard

Displays the picture with natural contrast, brightness and sharpness levels.

Basic

Displays the picture in the manufacturer's basic setting which is optimised for normal viewing.

Auto Power Save

Auto Power Save mode reduces power consumption by using dimming control.

- Energy saving feature like Energy Saving → Energy Saving Step is switched Auto, and power use is much less than Vivid mode.
- The Ambient Light Sensor automatically adjusts the Panel Brightness, based on ambient lighting conditions.
- In dark viewing conditions, the TV gradually dims according to the brightness of the light source. A darker screen means less power consumption.

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 technology, 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.
- Select Mode changes may modify Energy Saving settings and it can affect energy consumption. You can change the settings in General Energy Saving.

Select 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 / Soccer / Cricket

Optimises the sound for sports games.

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

Music

- The configurable items differ depending on model.

Use TV Speaker

 →  → Sound → Sound Out → Use TV Speaker

Audio is played through the TV's internal speakers.

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.
- If (Voice Available) is displayed in the list of connections, you can use the speech recognition function with the device.
- Some models may not be supported.
- The audio codec that can be output via Bluetooth is SBC/aptX™.
- You can control the TV or enter speech by touching LG Tone Free connected to the TV. For the operation method, refer to the device manual or the Tone Free app installed on the smart device. If you change the operation on the Tone Free app, it will behave accordingly. Some models may not be supported.
- 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.
 - If two different Bluetooth devices are connected and used at the same time, the voice may not match.
- 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

SETTINGS

Sound Menu

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.

Use Wired 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.

Wired Headphones

You can enjoy the sound by connecting Wired Headphones.

- 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.

Use External Speakers with TV Speaker

 →  → Sound → Sound Out → Use External Speakers with TV Speaker

Audio can be played through the multiple devices simultaneously.

Bluetooth Device + TV Speaker

Both the internal speaker of the TV and the Bluetooth speaker can be used to output the sound at the same time or a surround sound can be used.

Up to two Bluetooth devices of the same model can be connected.

01 Select  to connect a Bluetooth speaker.

02 Run Audio Delay to synchronize the TV's internal speaker with the Bluetooth speaker. You can adjust the sync automatically or manually.

- When you set Sound Out as Bluetooth Device + TV Speaker, if Picture → Select Mode is Game Optimiser, it will be changed to Standard.
- While using Screen Share function, the video and audio may be out of sync. We recommend using Use TV Speaker in Sound Out.
- To adjust the volume with the volume button on your Bluetooth device, set  →  → General → Accessibility → Enjoy TV Sound Together to Bluetooth Device. For Bluetooth devices that do not have volume buttons, you can adjust the volume of the device in the detailed settings screen of Bluetooth Device + TV Speaker.
- If  →  General → Accessibility → Enjoy TV Sound Together is set to Bluetooth Device, only one Bluetooth device can be connected.
- Depending on the type of your Bluetooth device, two devices may not be connected at the same time.
- 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.

SETTINGS

Sound Menu

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.

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.

- Some models may not be supported.

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 TV → Connecting to the Network in User Guide.

External Devices

Connect Bluetooth Controller

 →  → General → External Devices → 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 different from other devices. For more information on the device you want to connect to, refer to its user guide.

Universal Control Settings

⚙️ → ⚙️ → General → External Devices → Universal Control Settings

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

For more information, see How to Operate TV → Setting Universal Control in User Guide.

Setting HDMI External Input

⚙️ → ⚙️ → General → External Devices → 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.

TV On With Mobile

⚙️ → ⚙️ → General → External Devices → TV On With Mobile

If Turn on via Wi-Fi/Turn on via Wi-Fi(Networked Standby Mode) or Turn on via Bluetooth/Turn on via Bluetooth (Networked Standby Mode) 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/Turn on via Wi-Fi(Networked Standby Mode) feature must be used in an app on a smart device that supports the feature.
- Turn on via Bluetooth/Turn on via Bluetooth(Networked Standby Mode) 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

⚙️ → ⚙️ → General → External Devices → Delete Connection History

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

System

Configuring Language Settings

⚙️ → ⚙️ → 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.

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.

Keyboard Languages

Select the language to use the on-screen keyboard.

To Set Teletext Language

Sets Teletext language.

To see the details, click the Enjoy Live TV → TELETEXT in User Guide.

- In Digital Mode Only

Setting the Location

 →  → General → System → Location

You can change the location setting of your Smart TV.

Services Country

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

Weather Location Setting

Please set your region to display the weather on the screen saver and, etc.

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

Time & Timer

 →  → 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.

Timers

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 Enable the function 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.

SETTINGS

General Settings

Power Off Timer

Set Enable the function 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.

Auto Power Off after 4 Hours

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

To ensure the TV does not automatically turn off, set Auto Power Off after 4 Hours to Off.

- Some models may not be supported.
- To use Power On Timer/Power Off Timer, set the time correctly.

Setting Safety

 →  → General → System → Safety

You can put a lock on TV broadcasts or apps. Set Enable the function to On.

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.

Channel 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".

Resetting a Lost Password

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

01 Press the button on the remote control.

02 Select → General → System → Safety.

03 Press  (Programmes)  →  (Programmes)  →  (Programmes)  →  (Programmes) 
on the remote control. The master password input window will appear.

04 Enter the numbers "0313" in the master password input window. The password will be reset.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body