ORCATV

# USER MANUAL

## 55” 4K UHD LED SMART OUTDOOR TV

ORTV550SM

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## Read Before Use

Read this instruction manual carefully and follow all requirements for safe operation.

- Do not cover or block ventilation openings with items such as newspaper, tablecloths, curtains, etc. Ensure adequate space around the device for sufficient ventilation.
- Do not place open flame sources, such as candles, on or near the device.
- Do not submerge the device in water.
- Do not place objects filled with liquids, such as vases, on the device.
- Do not expose batteries to extreme heat.
- Keep the power cord readily accessible in order to disconnect the device.
- Clean only with a soft, dry cloth.
- Do not install near any heat sources such as radiators, stoves or other devices (including amplifiers) that produce heat.
- Do not disregard the safety regulations of polarized or grounding-type plugs. A polarized plug has two blades, one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the dysfunctional outlet.
- Only use attachments/accessories specified by the manufacturer.
- Use device only with a cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the device. When a cart is used, use caution when moving the combination of cart and device to avoid injury from tip-over.
- Unplug device during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when device has been damaged in the event that: the power supply cord or plug has been damaged, object(s) fall on device, device has been dropped, or device does not operate normally.
- Install in accordance with manufacturer's instructions.
- Avoid using device in an excessively humid environment.
- Use both hands when carrying the TV.

NOTE: Should the manual not correspond to the device, please refer to the device itself.

Never place the TV in an unstable installation area. The TV may fall and cause serious injury or death, particularly to children. Injuries can be avoided by taking the following precautions:

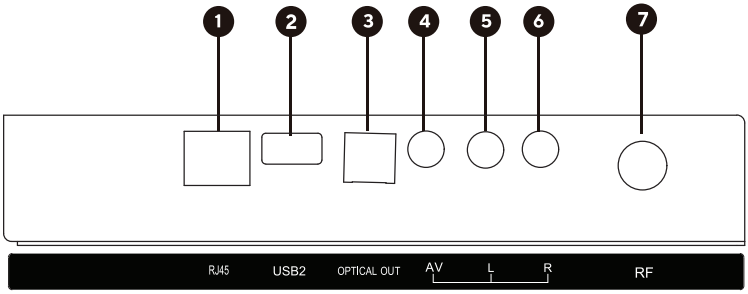
- Use mounts or stands recommended by the manufacturer.
- Use only furniture that can safely support the TV.
- Ensure that the TV does not overlap with the edge of the supporting furniture.
- Warn children regarding the danger of climbing on furniture when attempting to reach the TV or its controls.

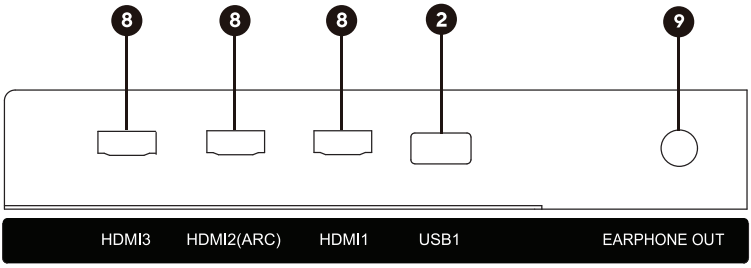
## ⚠ CAUTION ⚠

- Batteries should not be exposed to extreme heat. Do not dispose of batteries in fire; batteries may explode or leak. Do not mix alkaline, standard or rechargeable batteries.
- Refer all servicing to qualified service personnel.
- To reduce the risk of electric shock, do not perform maintenance other than that specified in the operating instructions, unless you are qualified to do so.
- Avoid keeping a static picture or a picture with static elements on your TV for more than two hours at a time, as this may cause damage known as screen burn in. Decrease the chances of burn in by altering the picture size for a minute or two every couple of hours or reduce the display's contrast and brightness.
- Use caution when performing the installation to avoid injury. If using the included wall mount, refer to the wall mount instructions for details on installation.

## Inputs and Connections

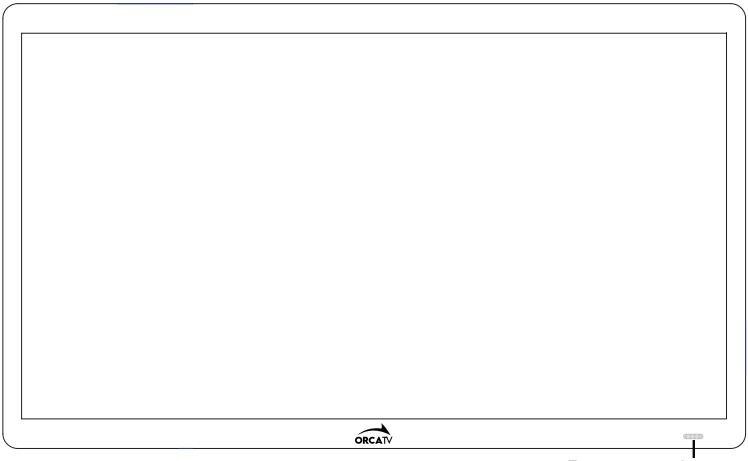
1. RJ45 Network Port x 1
2. USB Ports x 2
3. Optical Out x 1
4. AV In x 1
5. Audio In x 1
6. Video In x 1
7. RF / Antenna In x 1
8. HDMI® Inputs x 3
9. Earphone Out x 1

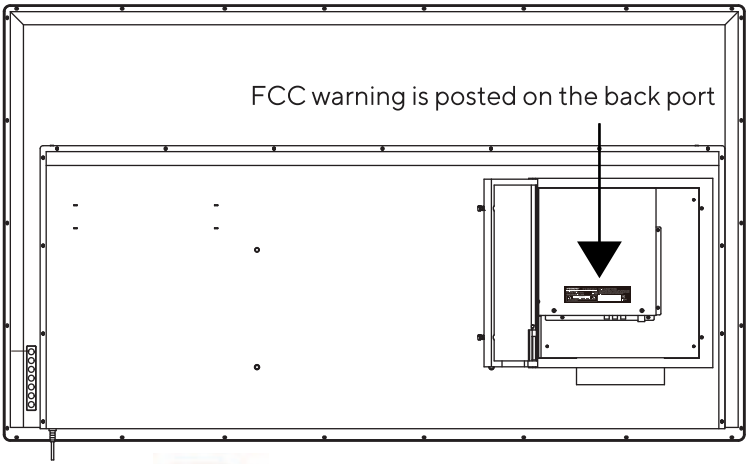



## What's in the Box?

- Outdoor TV
- Remote Control (including AA battery)
- IP55 Waterproof Bag
- User Manual
- Quickstart Guide
- Warranty Card
- Wall Mount Kit




Power Cable

- **VOL+:** Increase volume
- **VOL-:** Decrease volume
- **CH+:** Switch to next channel
- **CH-:** Switch to previous channel
- **Menu:** Enter TV menu
- **Source:** Enter Source Menu
- **Power:** Turn TV on/off

## Remote Control

Your remote control requires 2 AA batteries (included).
To install the batteries, remove the battery cover from the remote. Place the 2 batteries in the compartment, following the polarity markings. Replace the battery cover.

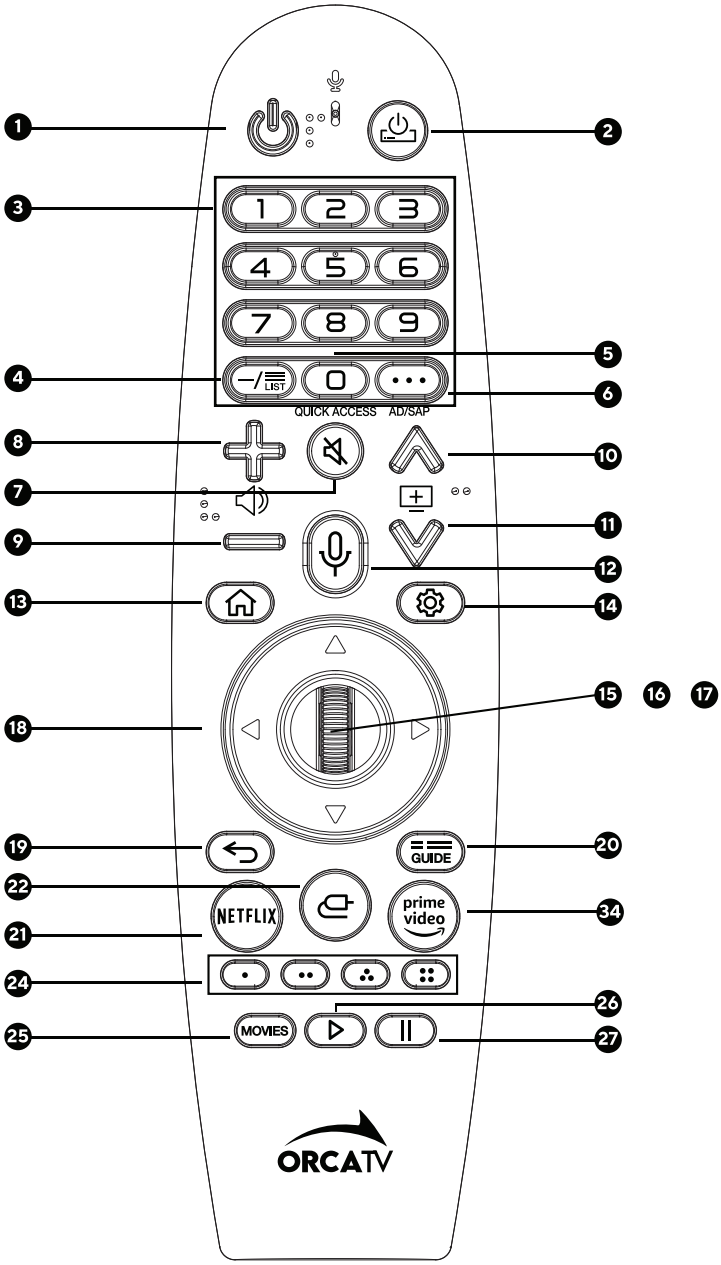
- Effective remote range is approximately 16' at an angle no greater than 30° to the left/right or 20° above/below the IR sensor.

- To avoid possible damage from battery chemical leakage, remove the batteries if you do not plan to use the remote for an extended period of time. Do not mix batteries of different ages or types. Always discard used batteries safely.

- Do not expose the remote control to liquids, direct sunlight or sources of excessive heat.

- The IR receiver on the TV will not work properly if placed in direct sunlight.

NOTE: Improper use of batteries can result in a chemical leakage or explosion.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4 5 6
7 8 9
–/ LIST
0
QUICK ACCESS
AD/SAP
GUIDE
NETFLIX
prime video
MOVIES
ORCATV

## Remote Control

| | | |
|---|---|---|
| **1.** | | Turn TV on/off |
| **2.** | | Turn cable box (sold seperately) on/off |
| **3.** | 0~9 | Numerical keys |
| **4.** | –/LIST | Input/channel list |
| **5.** | QUICK ACCESS | Press to enter “0”. Press and hold for Quick Access |
| **6.** | AD/SAP | Press for screen remote. Press and hold for audio description |
| **7.** | | Mute/unmute sound |
| **8.** | + | Increase volume |
| **9.** | – | Decrease volume |
| **10.** | | Channel up |
| **11.** | | Channel down |
| **12.** | | Voice recognition activation |
| **13.** | | Home menu |
| **14.** | | Settings |
| **15.** | Wheel (UP) | Page scroll up |
| **16.** | Wheel (OK) | Press to confirm |
| **17.** | Wheel (DOWN) | Page scroll down |
| **18.** | ◀/▲/▼/▶ | Move left/up/down/right/back |
| **19.** | | Back |
| **20.** | GUIDE | Enter Electronic Program Guide |
| **21.** | NETFLIX | Enter Netflix app |
| **22.** | | Select various input sources |
| **23.** | prime video | Enter Amazon Prime Video app |
| **24.** | | Color Keys |
| **25.** | MOVIES | Enter movies app |
| **26.** | | Play |
| **27.** | | Pause |

## Remote Control

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

### Pairing the Magic Remote

You must pair the Magic Remote with your TV to use it. Follow the instructions below for pairing.

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

NOTE: If the Magic Remote fails to register, restart the TV by turning it off and back on, and then repeat the pairing steps above.

## Re-Registering the Magic Remote

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

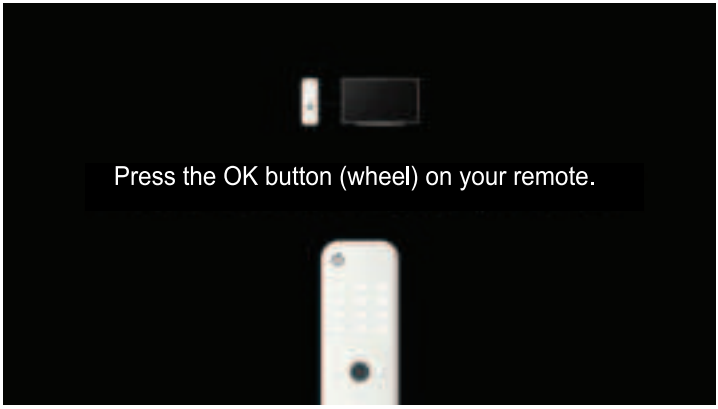
1. Point the remote towards the TV, and press and hold the GUIDE button until the instructions appear on-screen.
2. The previously registered remote will be disconnected and registered again.

## Disconnecting the Magic Remote

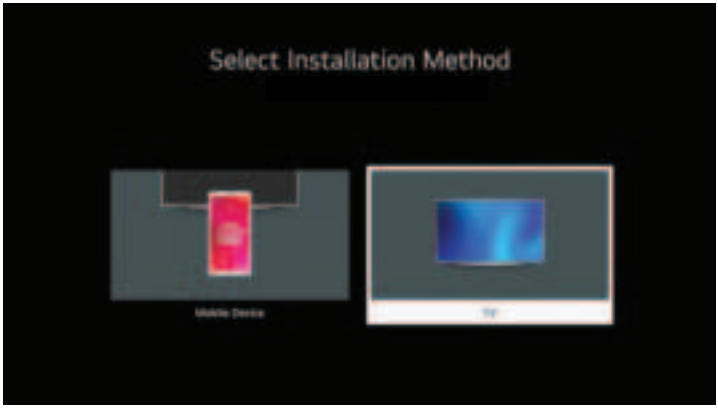
To disconnect the Magic Remote from the TV, simply press and hold the ⌂ and ↩ buttons at the same time.

Press the Wheel (OK button) or the GUIDE button to re-register the Magic Remote.

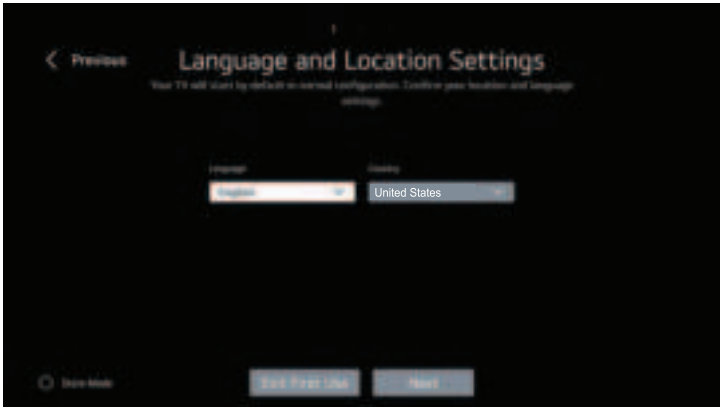
Enter the home page to begin initial installation.




Press【◄】/【►】buttons to select your installation method.



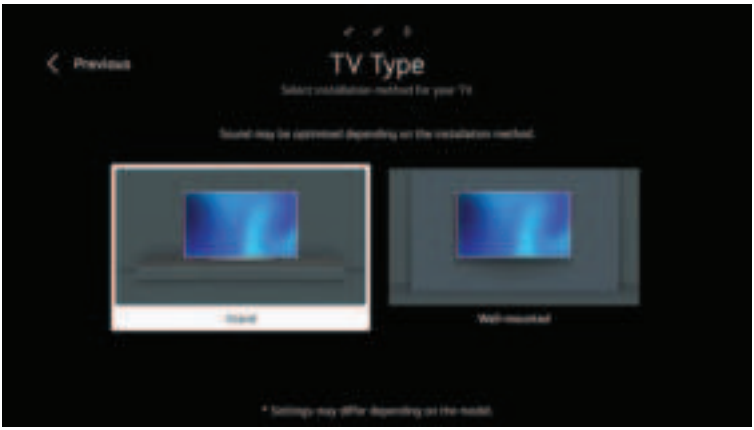

Press【▼】/【▲】buttons to select your language.
Press【▼】/【▲】buttons to select your country.



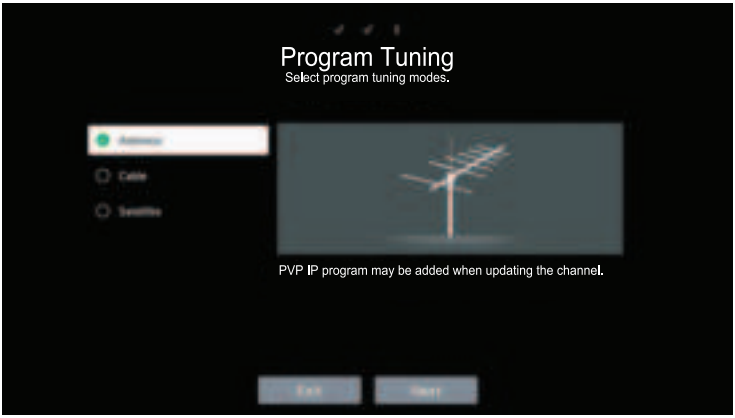
Press【▼】/【▲】buttons to select your Internet connection.

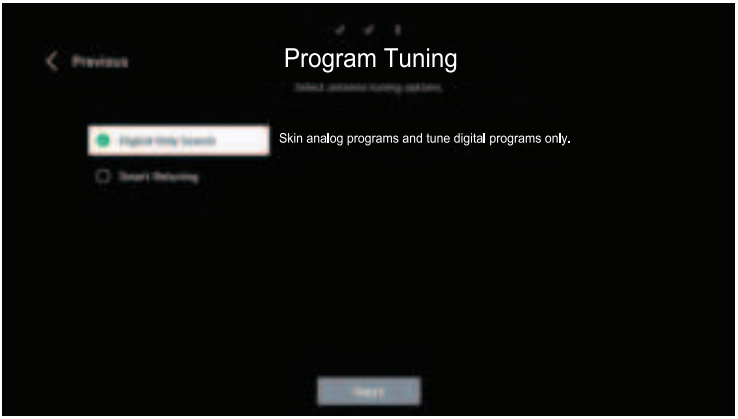
Press【▼】/【▲】buttons to select your TV viewing preferences.

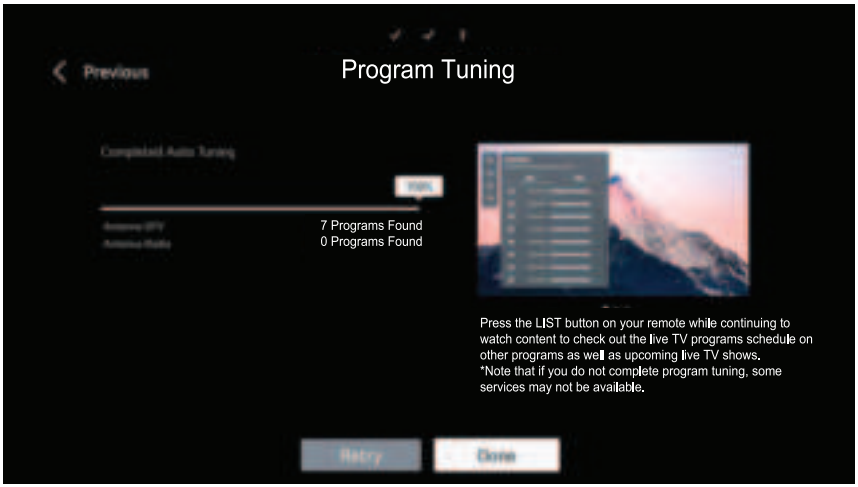
Press【◀】/【▶】buttons to select TV mount type.

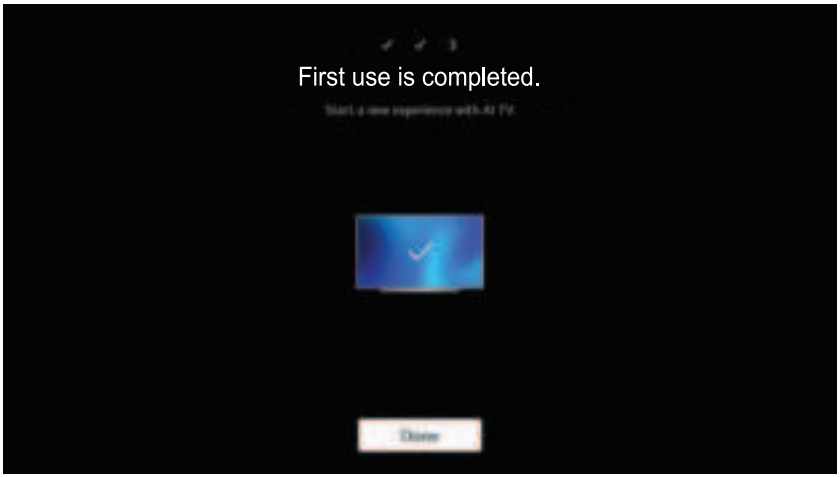



Press【▼】/【▲】buttons to select program tuning.



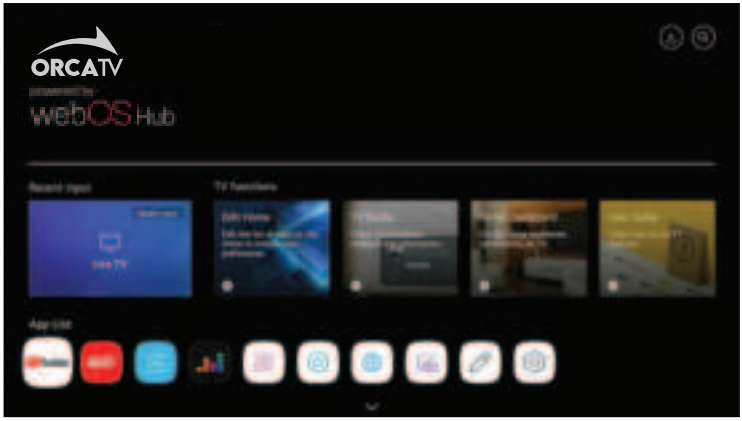



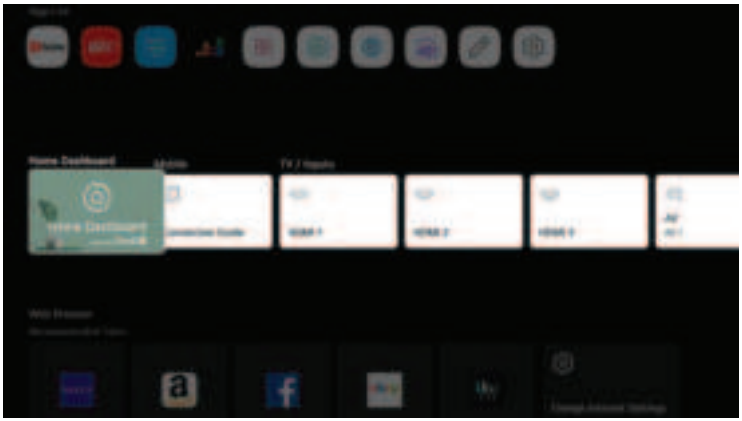



For more information, please visit the webOS website:
**https://webos.developer.lge.com/webos-hub**

Enter the home page after initial installation.
In the list of apps, select the app you want to open.



## Using Home Dashboard

You have the ability to select or control devices (mobile, external, Home IoT devices, etc) connected to the TV.

Press ▼ / ▲ /◄ / ► buttons to select.

### TV / Input / Mobile

• Play sound from a smart device connected via Bluetooth®.

• Select an external device connected through the external input port or network.

### Smart Devices

Check and select a connected smart device through the LG ThinQ app.

### USB2

View and select a connected USB storage device (sold separately).

### Optical Output Device/TV Speaker

The currently selected output speaker will display. Navigate to the output speaker settings screen.

### Home IOT Devices

Check and control your device via Home IoT.

Easily control your device by presetting desired operations.

Exit the Home Dashboard.

## TV Settings

Press **Menu** button to enter TV settings.
Press ◄ / ► buttons to highlight the desired menu icon and press the **OK** button to select.

### Quick Settings

- Set Picture Mode
- Set Sound Mode
- Select Sound Mode
- Select Sound Output
- Set Game Optimizer
- Enter the Connections screen
- Select additional options
- Add/delete quick setting items or change their order

### Picture Mode

Press ▼ / ▲ buttons to select Vivid / Standard / Eco / Cinema / Sports

- **Vivid** Sharpens the image by increasing the contrast, brightness and sharpness
- **Standard** Default Mode
- **ECO** The Energy Saver feature changes settings on the TV to reduce power consumption.
- **Cinema** Suitable for watching TV or movies in a dark room.
- **Sports** Suitable picture for sports games. Sharpens the image of rapid movements such as kicking or throwing a ball.

**Sound Mode**

Press ▼ / ▲ buttons to select Standard / Cinema / Clear Voice / Sports / Music

- **Standard** Optimizes the sound for all types of content
- **Cinema** Optimizes the sound for cinemas
- **Clear Voice** Boosts voice clarity
- **Sports** Optimizes the sound for sports games
- **Music** Enhances high pitches and reduces bass

**Sound Out**

Press ▼ / ▲ buttons to select your preferred sound output.
Press ◄ / ► buttons to select and press the **OK** button to confirm.

**Game Optimizer**

Press ▼ / ▲ buttons to select the Game Optimizer.

**Network**

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

**Wired Connection (Ethernet)**

Press ▼ / ▲ buttons to select Wired Connection (Ethernet).
Press the **OK** button to enter the submenu and set up.

## Wi-Fi® Connection

Press ▼ / ▲ button to select Wi-Fi® Connection. Press the **OK** button to enter submenu and set up.

## All Settings

Press ▼ / ▲ button to select Picture / Sound / General / Support.

## Picture

Press ▼ / ▲ button to select Picture. Press the **OK** button to enter the submenu and set up.

## Select Mode

Press ▼ / ▲ buttons to select Vivid / Standard / Eco / Cinema / Sports

## Aspect Ratio

Change the screen size according to the type of content you are watching.
Press ▼ / ▲ buttons to select Aspect Ratio / Just Scan

## User Selection

Press ▼ / ▲ buttons to select Aspect Ratio (16:9 / Original / Full Wide / 4:3 / Vertical Zoom / 4-Way Zoom)

## Just Scan

Press ▼ / ▲ buttons to select Just Scan
Just Scan lets you view content in the aspect ratio that is in the broadcast signal or content source. If the screen edges are not clean, please disable Just Scan.

## Advanced Settings

Press ▼ / ▲buttons to select Brightness / Color / Clarity / Apply to all Inputs / Reset

## Sound

Press ▼ / ▲ buttons to select Sound. Press the **OK** button to enter the submenu and set up.

### Sound Mode
Press ▼ / ▲ buttons to select Standard / Cinema / Clear Voice / Sports / Music

### Sound Out
Press ▼ / ▲ buttons to select your preferred sound output.

## ADVANCED SETTINGS
### Balance
Balanced left and right channels
Press the **OK** button to select Balance. Press ▼ / ▲ buttons to adjust

### Equalizer
Press ▼ / ▲ buttons to select Equalizer
Press the **OK** button to enter the submenu, then press ▼ / ▲ buttons to adjust

### Apply to All Inputs
Press ▼ / ▲ buttons to select Apply to All Inputs

### Reset
Reset the sound effect settings
Press ▼ / ▲ buttons to select Reset

### TV Installation Type
Press ▼ / ▲ buttons to select TV Installation Type
Press ▼ / ▲ buttons to select Stand / Wall-mounted

## Automatic Volume Adjustment
Press ▼ / ▲ buttons to select Auto Volume. Press the **OK** button to select On/Off

## DTV Audio Setting
Press ▼ / ▲ buttons to select DTV Audio Settings
• MPEG / Dolby Digital / Dolby Digital Plus / HE-AAC / Auto

## Match Screen and Sound
Press ▼ / ▲ buttons to select Match Screen and Sound settings
• TV Speaker Delay / Bypass

## HDMI® Input Audio Format
Press ▼ / ▲ buttons to select HDMI® input audio format
Set the audio format for each HDMI® input. If the voice delivered through the HDMI® port is not synchronized, set the format to PCM

## LG Sound Sync
Press ▼ / ▲ buttons to select LG Sound Sync
Connect the LG Sound Sync device to the optical input port and set Sound Out to Optical
By enabling this feature, you can adjust the volume of the connected LG Sound Sync device using a remote control

## Digital Sound Out
Press ▼ / ▲ buttons to select Digital Sound Out
• PCM / Auto / Pass Through

## eArc Support
Press ▼ / ▲ buttons to select eARC support

## General

Highlight the item and press the **OK** button to enter the submenu
Press ▼ / ▲ buttons to select General

## AI Service

Enable recommended services based on usage history
Press ▼ / ▲ buttons to select AI service. Press the **OK** button to enter the submenu

## Game Optimizer

Press ▼ / ▲ buttons to select Game Optimizer

## Programs

Press ▼ / ▲ buttons to select Programs

## Devices
Press ▼ / ▲ buttons to select Devices

## Network
Press ▼ / ▲ buttons to select Network

## System
Press ▼ / ▲ buttons to select System

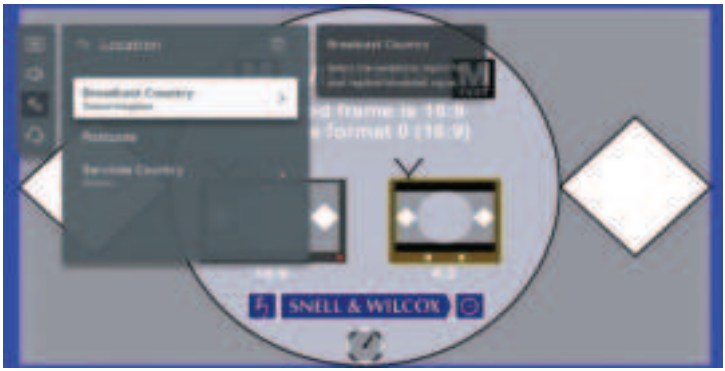
## Language
Choose the menu language displayed on the screen and the audio language of the digital broadcast

Press ▼ / ▲ buttons to select Language. Press the **OK** button to enter the submenu

## TV Settings

### Location

Change your TV's location settings
Press ▼ / ▲ buttons to select location. Press the **OK** button to enter the submenu



### Broadcast Country

Set the broadcast country on your TV

### Postcode

Set your TV's broadcast location by entering your postcode

### Services Country

Manually select your country

### Time & Timer

Check the time or configure related settings
Press ▼ / ▲ buttons to select Time. Press the **OK** button to enter the submenu

## Set Automatically

The TV time is automatically set to the time sent from the server.

Press ▼ / ▲ buttons to select the Set Automatically option. Press the **OK** button to enable or disable this option

## Time / Date / Time Zone

You have the ability to manually set the time and date if the current automatically set time is incorrect

Press ▼ / ▲ buttons to select Set Time / Date / Time Zone. Press the **OK** button to enter the submenu

## Timers

Press ▼ / ▲buttons to select Timers. Press the **OK** button to enter the submenu

## Safety

Press ▼ / ▲ buttons to select Safety. Press the **OK** button to enter the submenu

The initial password is set as 0000.

Press ▼ / ▲ buttons to select the option and then press the **OK** button to set up

## LG Account

Press ▼ / ▲ buttons to select LG account sign in. Press the **OK** button to enter the submenu

## Additional Settings

Press ▼ / ▲ buttons to select Additional Settings. Press the **OK** button to enter the submenu

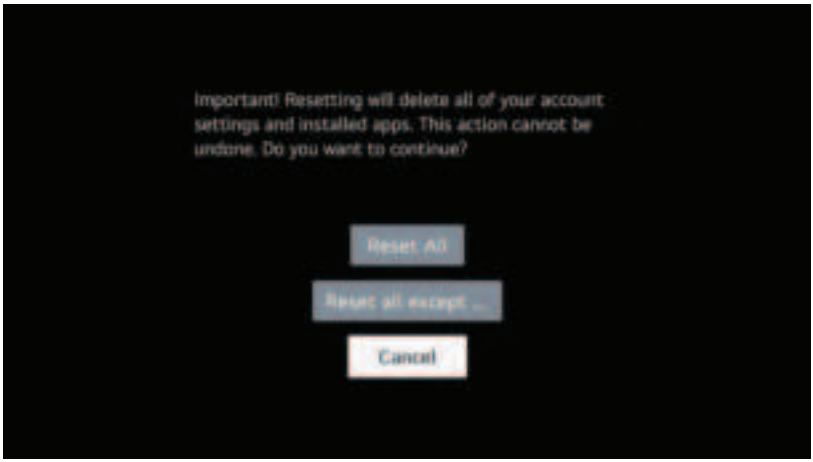
## Reset to Initial Settings

Press ▼ / ▲buttons to select Reset to Initial Settings. Press the **OK** button to enter the submenu
This will revert all settings to their default values. After reset, your TV will automatically turn off and then on.

Note: If Safety Settings are enabled, enter your password before resetting to initial settings.

## Software Update

Press ▼ / ▲buttons to select Software Update. Press the **OK** button to enter the submenu, then press the ▼ / ▲ to select and set up (if software update is available)

## User Guide

Press ▼ / ▲ buttons to select User Guide. Press the **OK** button to enter the submenu, then press the ▼ / ▲ to select and set up