

# CRTV430SM

## User Manual

43" 4K UHD LED Smart Outdoor TV



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## Read Before Use

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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.



## Read Before Use ( Continued)

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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.

# Getting Started

## Inputs and Connections

- 1

RJ45 Network Port x1
- 2

USB Ports x2
- 3

Optical Out x1
- 4

AV In x1
- 5

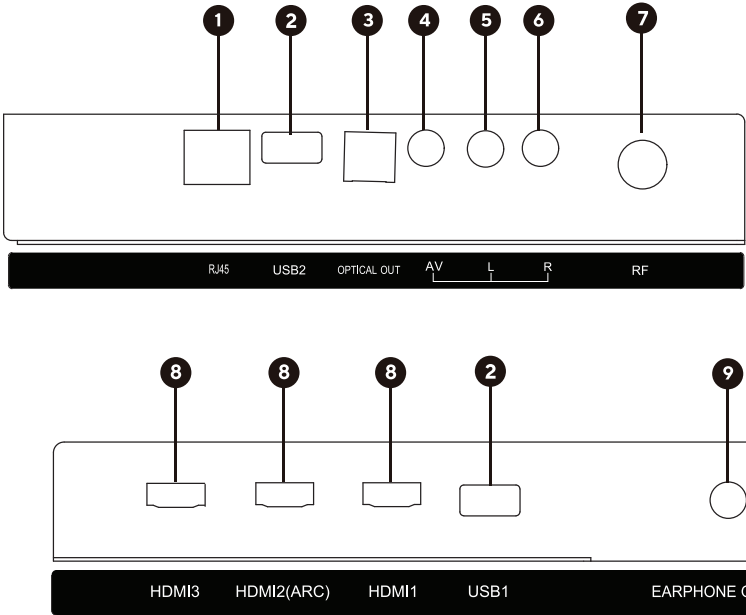
Audio In x1
- 6

Video In x1
- 7

RF / Antenna In x1
- 8

HDMI® Inputs x3
- 9

Earphone Out x1



## What's in the Box?

- Outdoor TV

• Remote Control  
(including AA battery)

• IP55 Waterproof Bag
- User Manual

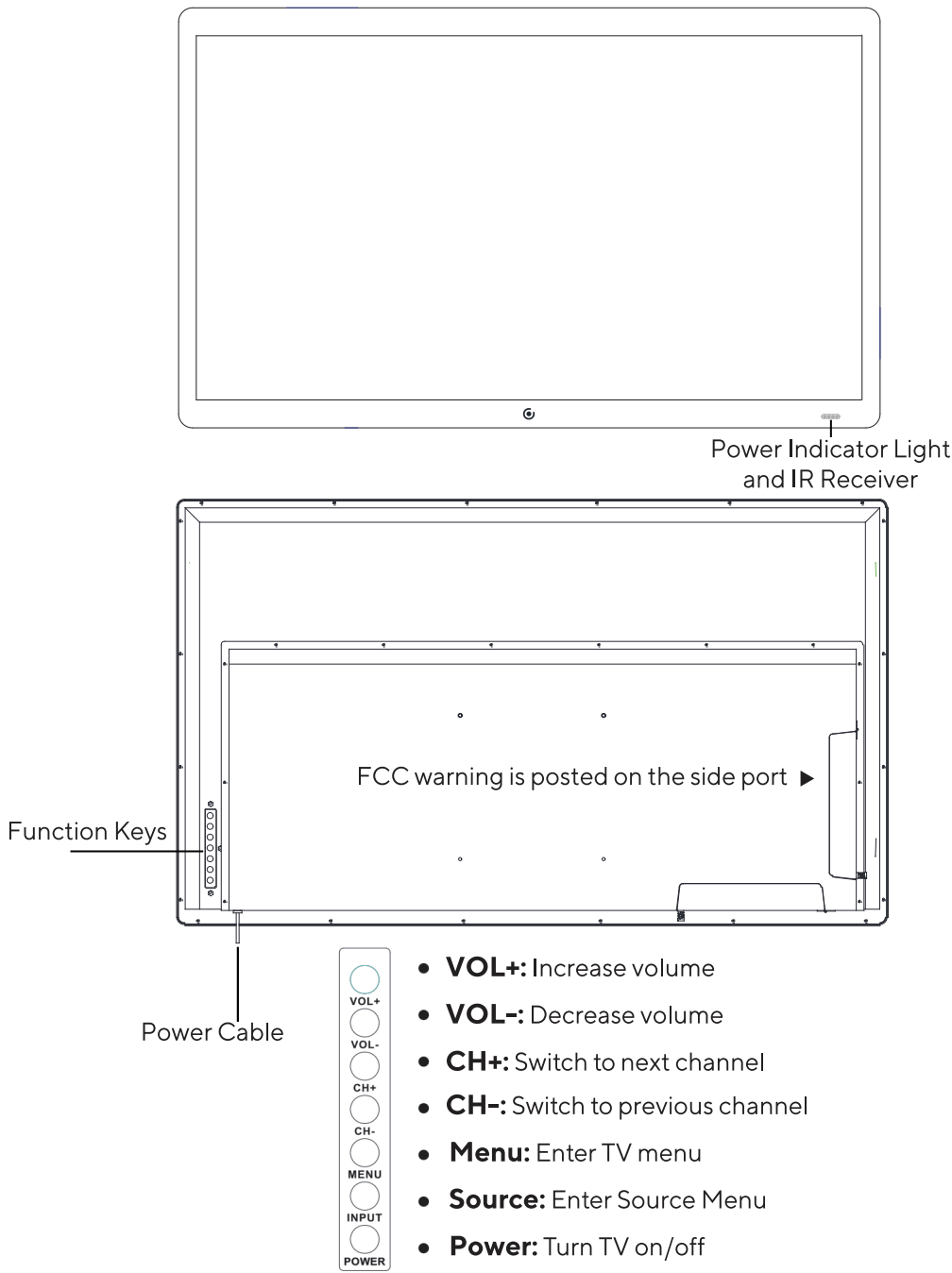
• Quickstart Guide

• Warranty Card

• Wall Mount Kit

# Getting Started

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## Remote Control

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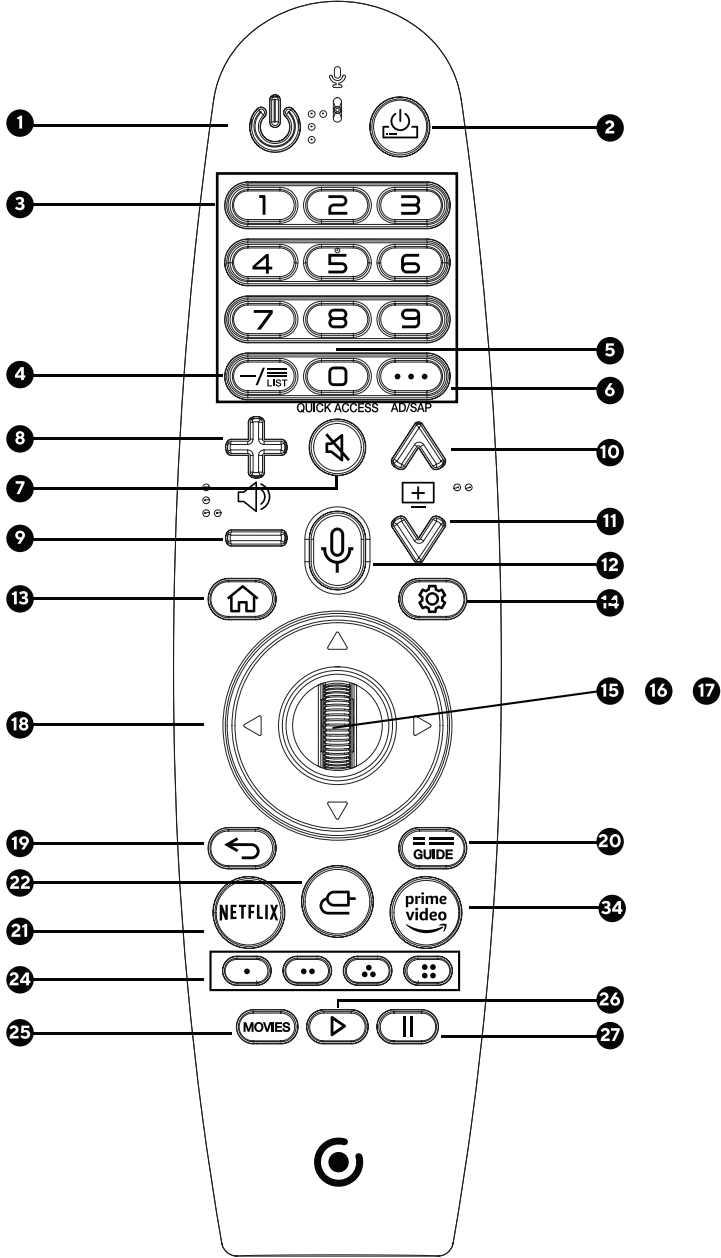
Your remote control requires 2 AA batteries (included).

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.

Remote Control



## Remote Control

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- |     |   |   |
|-----|---|---|
| 1.  |                | Turn TV on/off  |
| 2.  |                | Turn cable box (sold separately) on/off                       |
| 3.  | 0~9   | Numerical keys  |
| 4.  |                | Input/channel list  |
| 5.  |  QUICK ACCESS  | Press to enter "O". 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   |

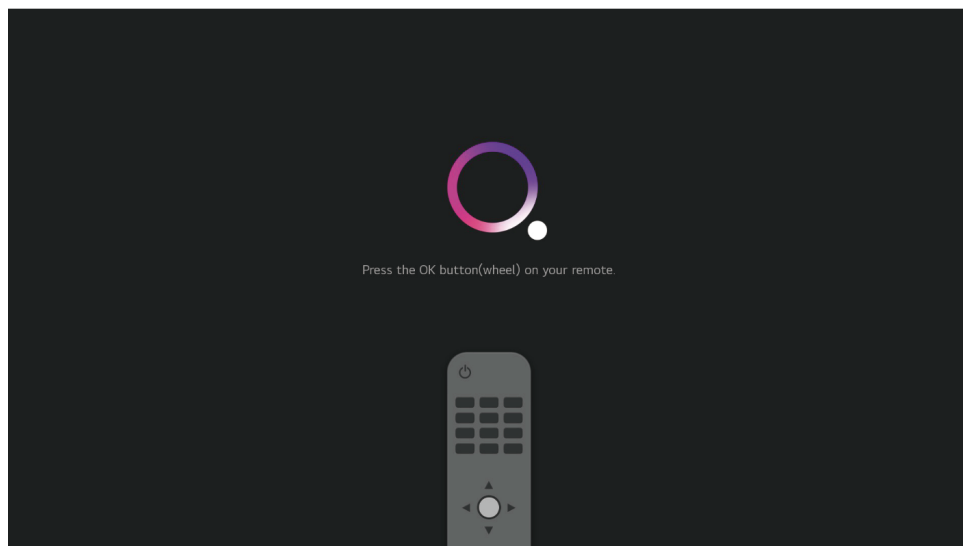
## Remote Control

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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.



Turn the TV on. After about 20 seconds, point the remote toward the TV and then press the Wheel (OK button).

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.



# Remote Control

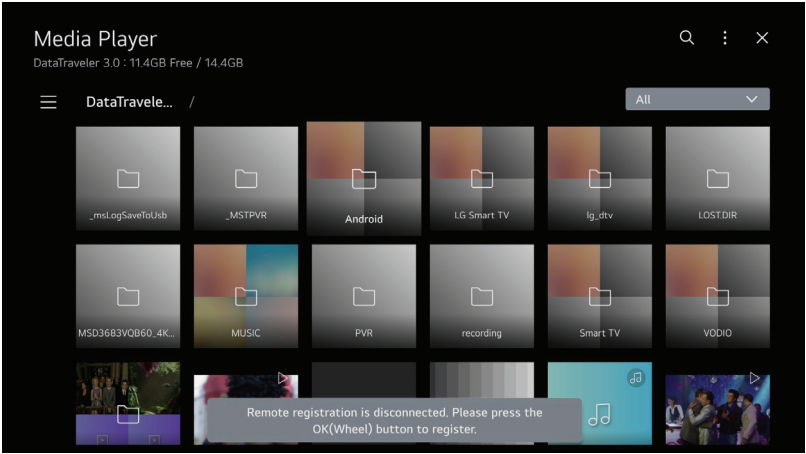
## Re-Registering the Magic Remote

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

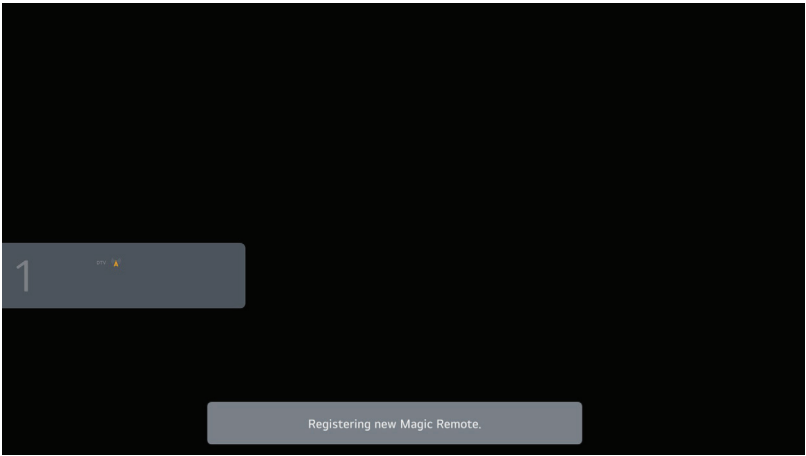
- Point the remote towards the TV, and press and hold the GUIDE button until the instructions appear on-screen.
- The previously registered remote will be disconnected and registered again.

## Disconnecting the Magic Remote

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



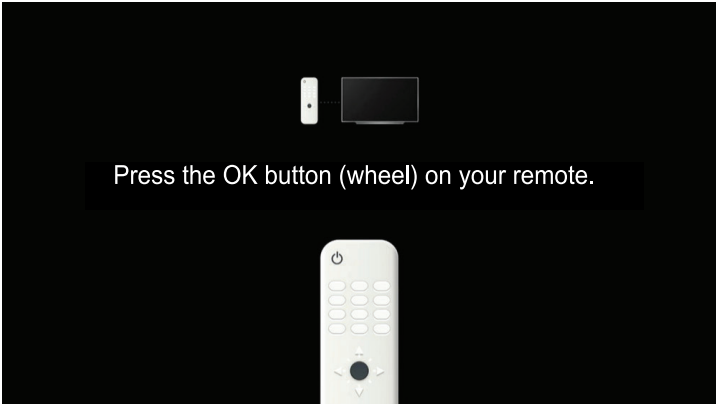
Press the Wheel (OK button) or the GUIDE button to re-register the Magic Remote.



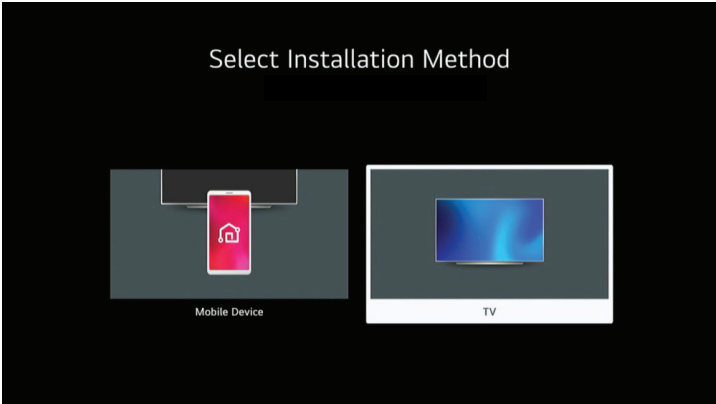


# Getting Started with webOS

Enter the home page to begin initial installation.

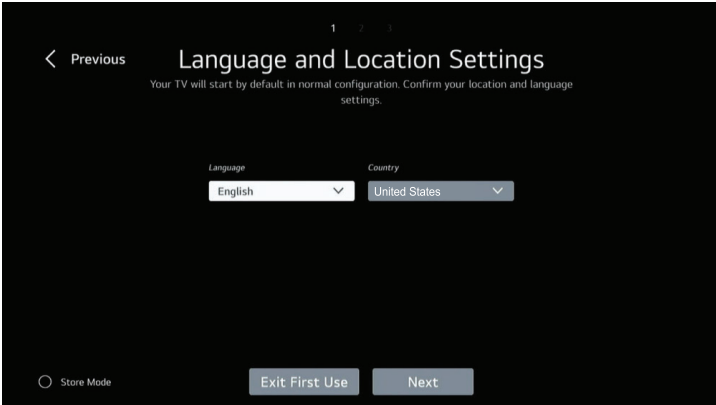


Press [◀] / [▶] buttons to select your installation method.



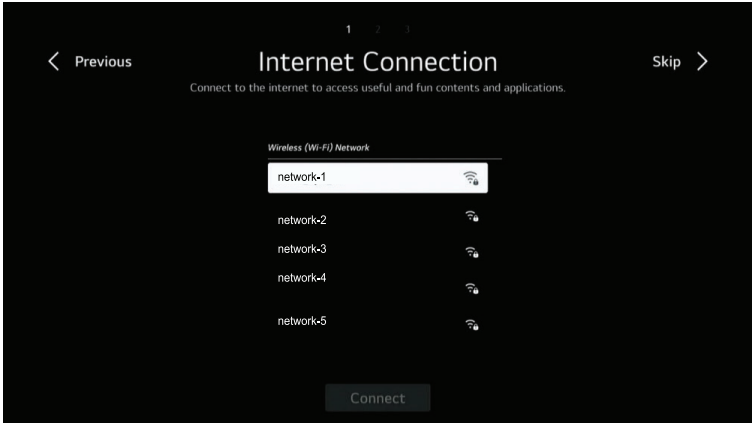
Press [▼] / [▲] buttons to select your language.

Press [▼] / [▲] buttons to select your country.

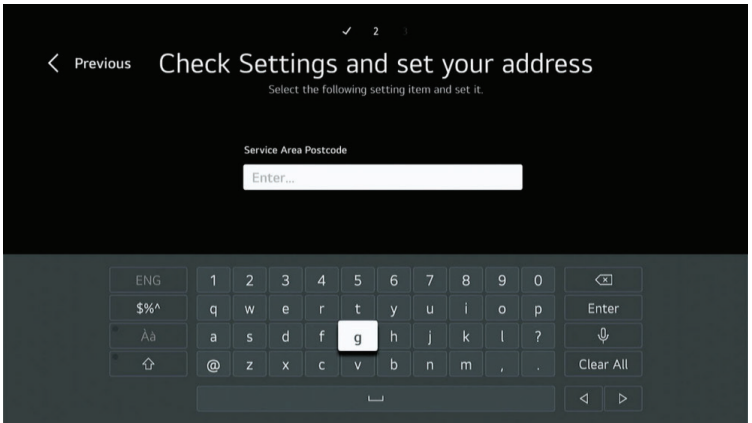
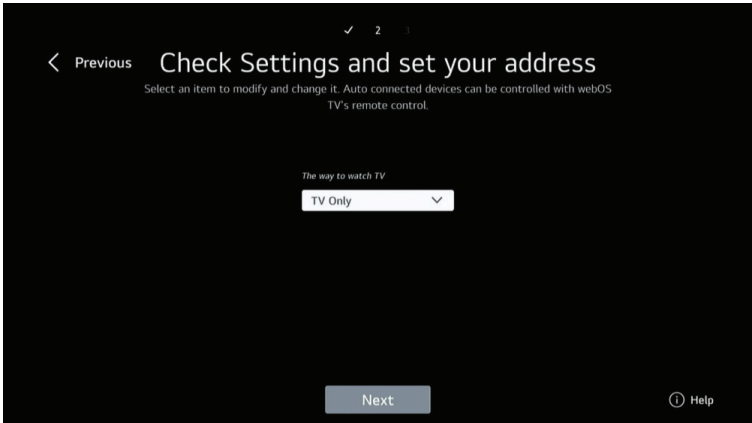


# Getting Started with webOS

Press **▼** / **▲** buttons to select your Internet connection.

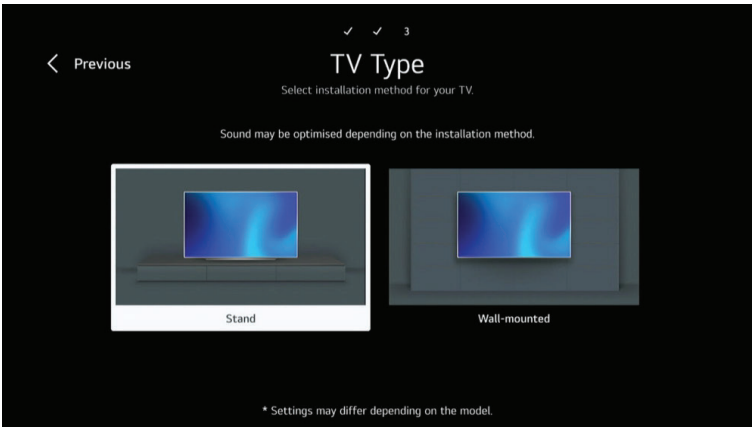


Press **▼** / **▲** buttons to select your TV viewing preferences.

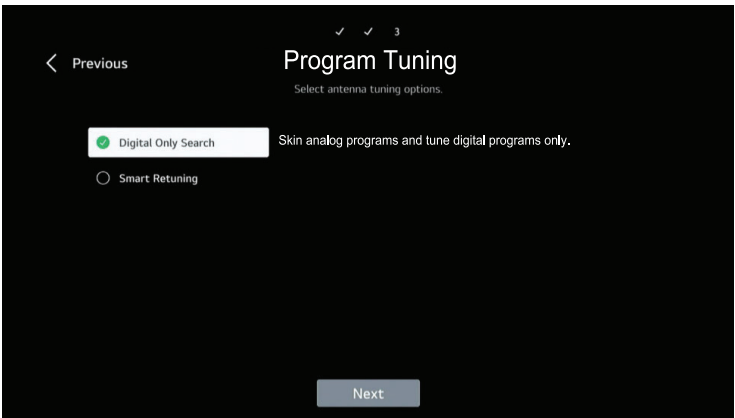
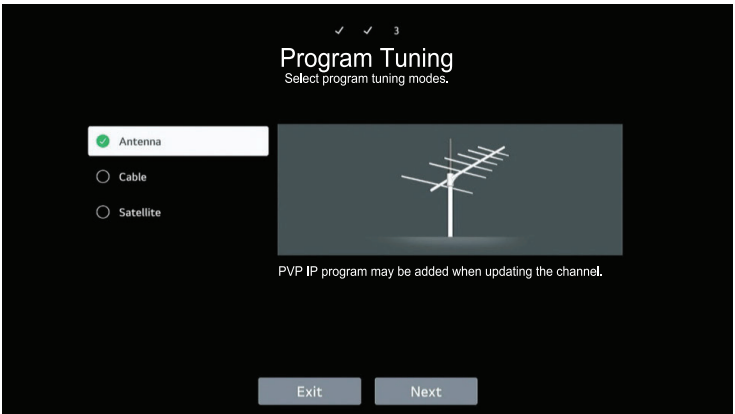


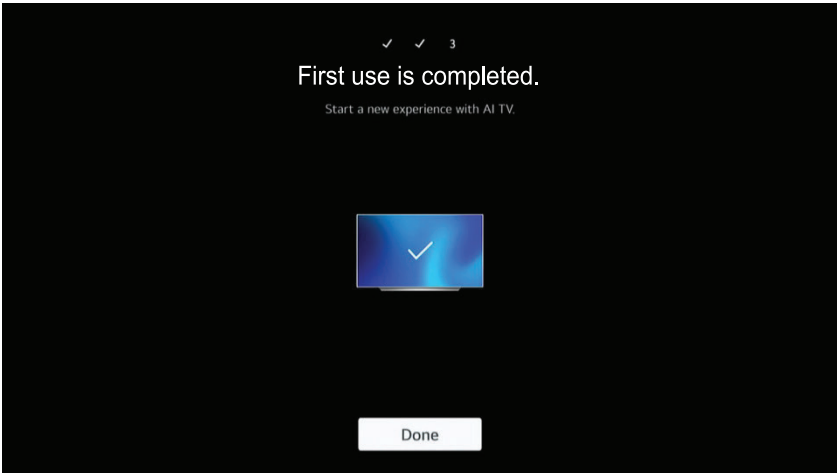
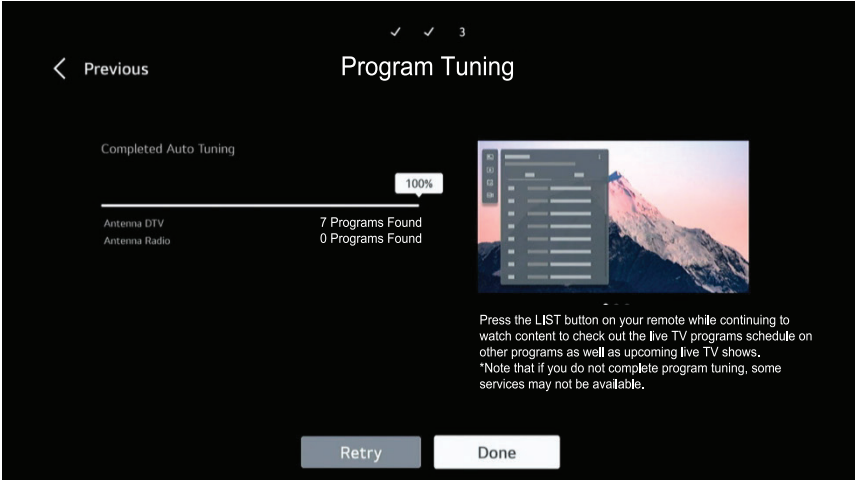
# Getting Started with webOS

Press **[◀]** / **[▶]** buttons to select TV mount type.



Press **[▼]** / **[▲]** buttons to select program tuning.

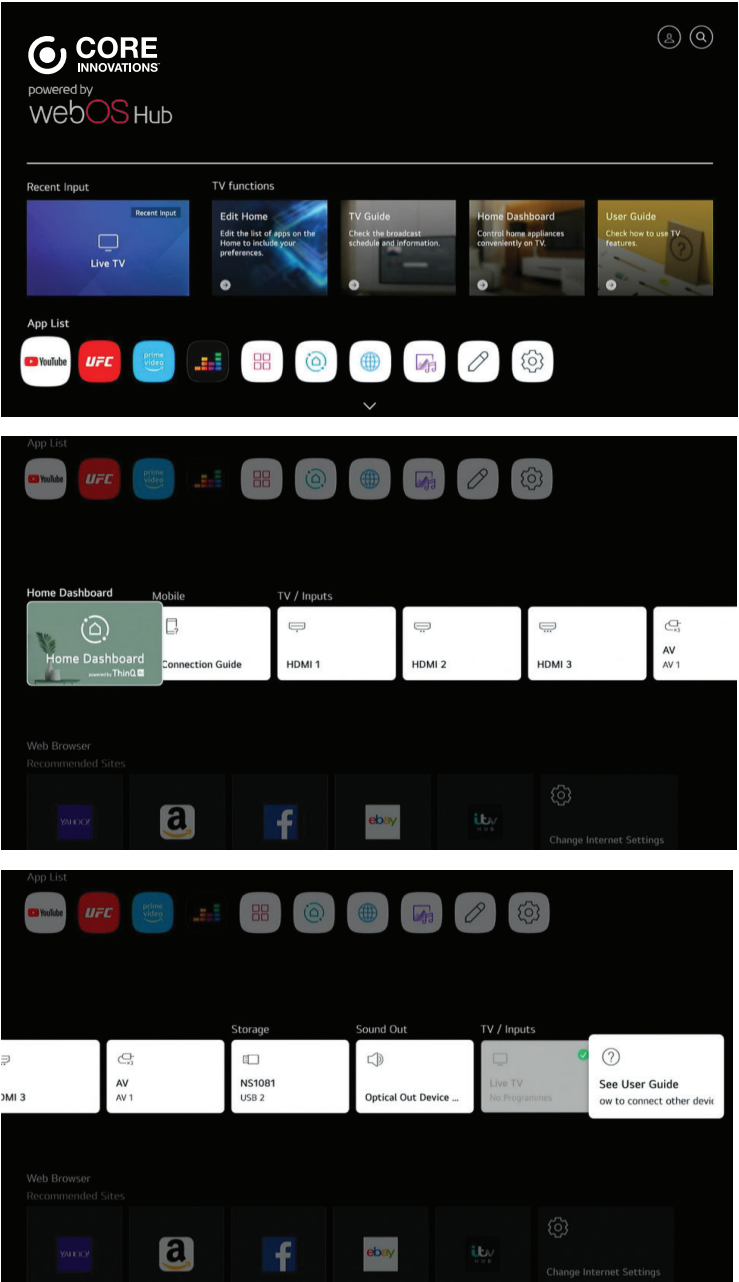




For more information, please visit the webOS website:  
<https://webos.developer.lge.com/webos-hub>

# Home Page

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

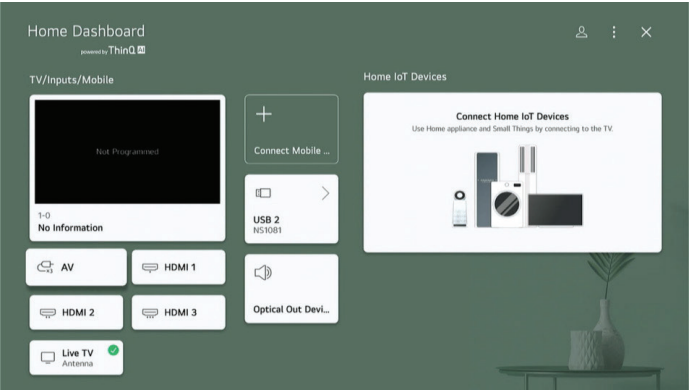


# Home Page

## 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

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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.

# TV Settings

## 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.

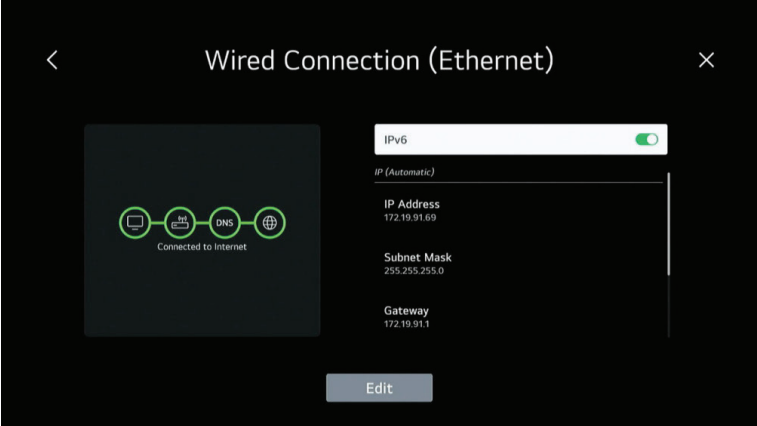
## Network

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.



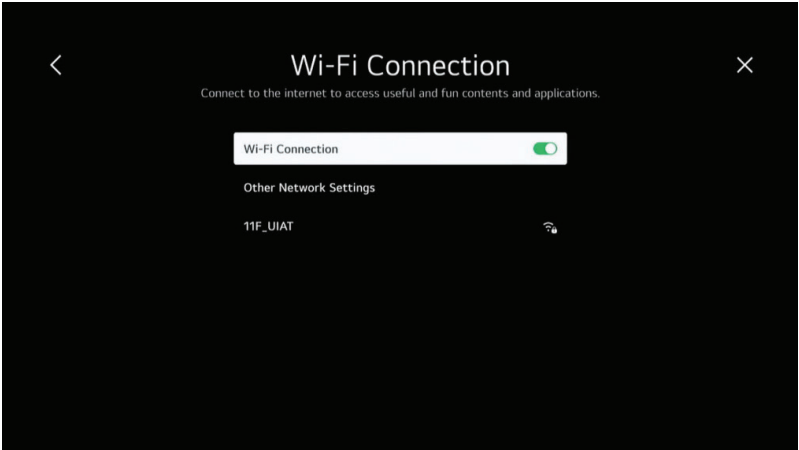


# TV Settings

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## Wi-Fi® Connection

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

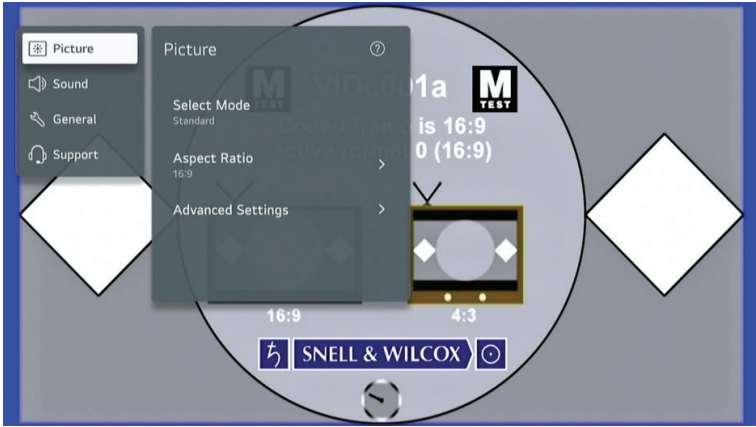


## All Settings

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

## TV Settings

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### 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.

## TV Settings

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### 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

## TV Settings

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### 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

# TV Settings

## 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

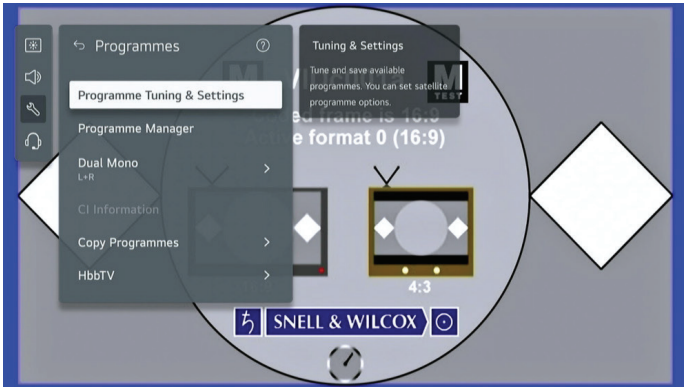
Press ▼ / ▲ buttons to select AI service. Press the **OK** button to enter the submenu

## Game Optimizer

Press ▼ / ▲ buttons to select Game Optimizer

## Programs

Press ▼ / ▲ buttons to select Programs



# TV Settings

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## Devices

Press ▼ / ▲ buttons to select Devices

## Network

Press ▼ / ▲ buttons to select Network

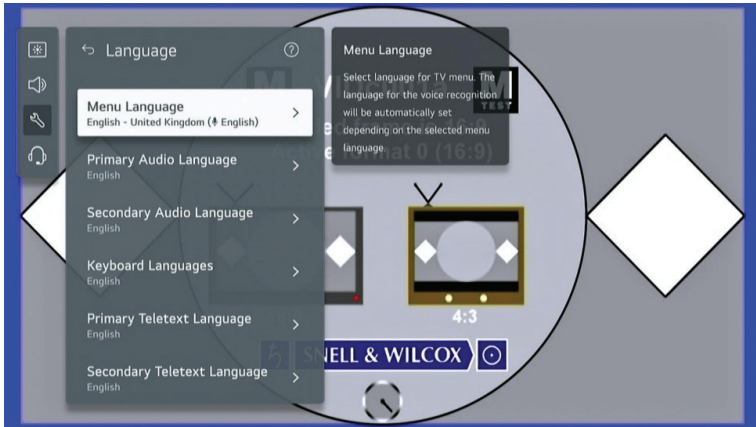
## System

Press ▼ / ▲ buttons to select System

## Language

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

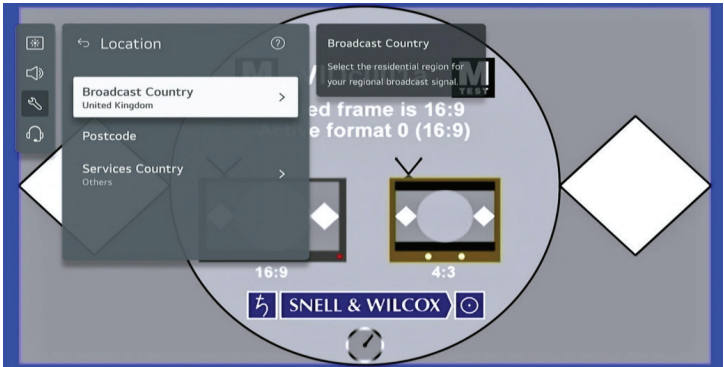
Press ▼ / ▲ buttons to select Language. Press the **OK** button to enter the submenu



# 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

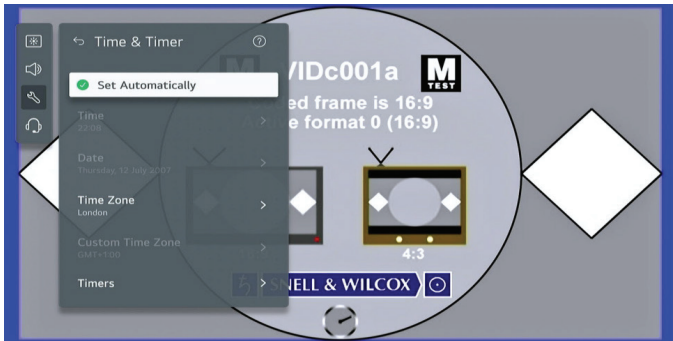
Set your TV's broadcast location by entering your postcode

## 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



## TV Settings

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### 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

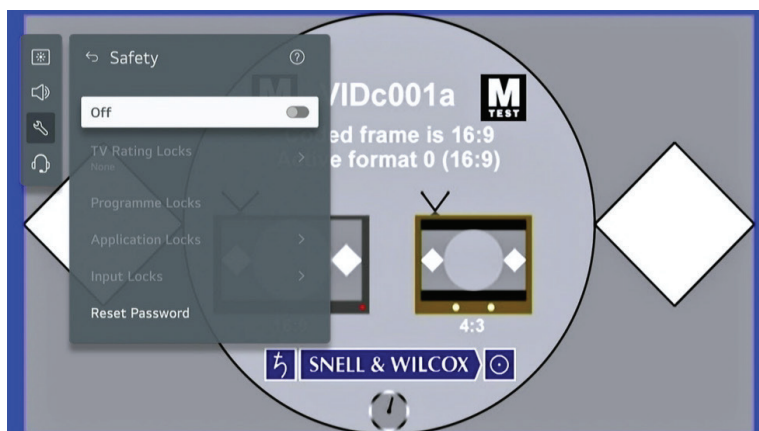
### Timers

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

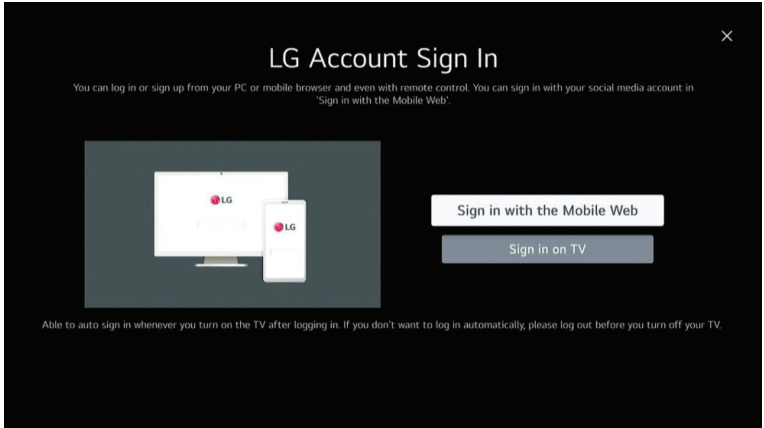




# TV Settings

## 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.



## TV Settings

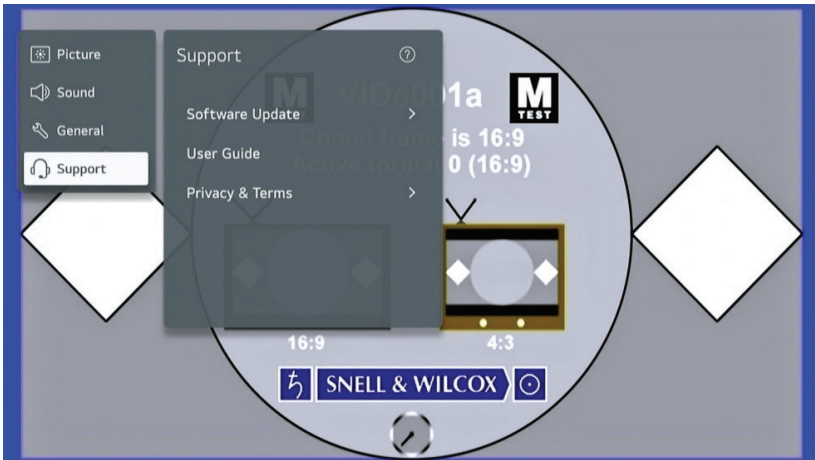
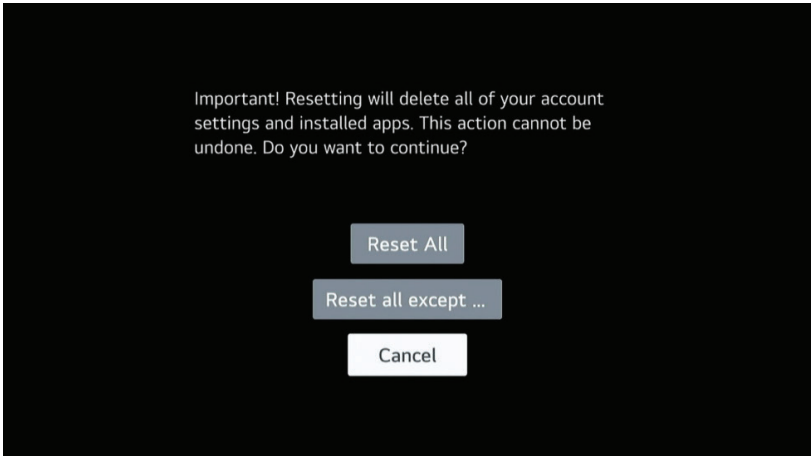
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### Software Update

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



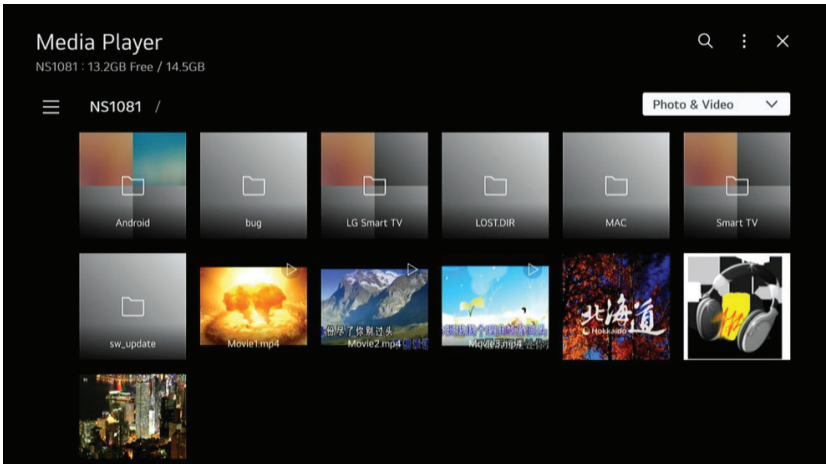
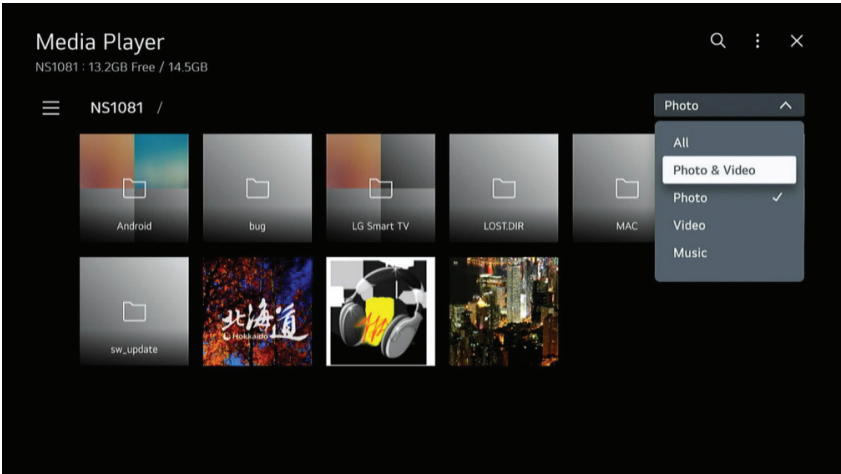
# Media

To enjoy content from an external hard drive (sold separately), connect your USB drive to the USB port on your TV.

Press ▼ / ▲ buttons to select Photo & Video / Photo / Video / Music

## Photo and Video

View photos and videos using the Photo & Video app



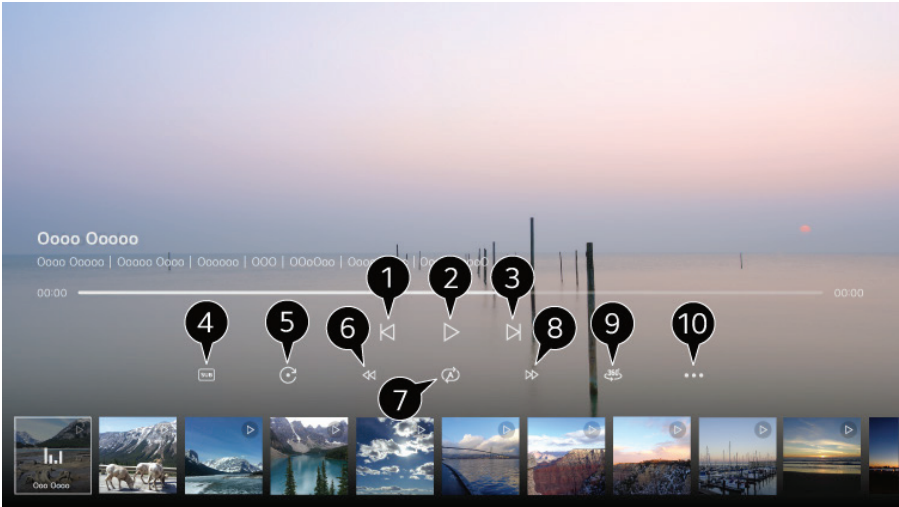
Photo

Selecting a photo in the Photo & Videos app runs the photo player. From there, you can view your saved photos.



Video

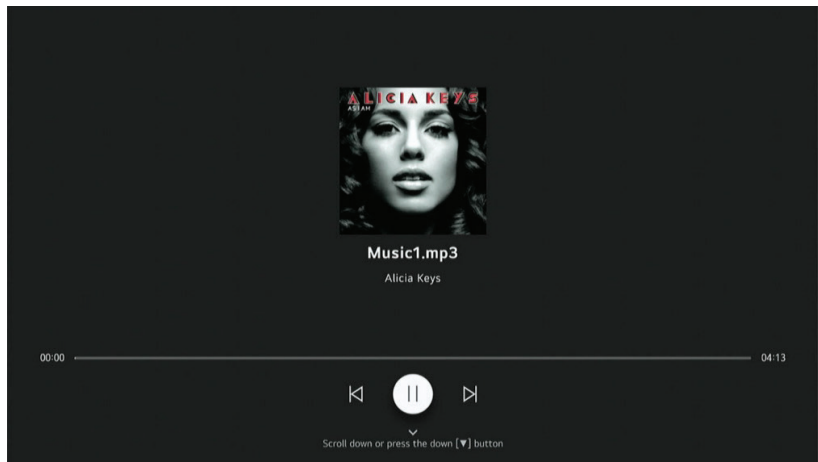
Selecting a photo in the Photo & Videos app runs the video player. From there, you can view your saved videos.



# Media

## Music

Play music by selecting the music files saved in the Music app or by selecting the music player icon during content playback in apps such as Photo & Video.

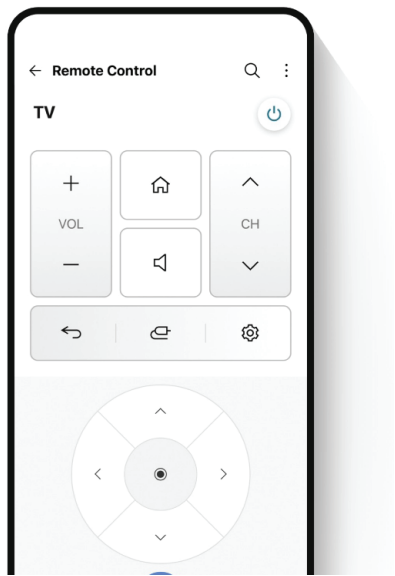


## LG ThinQ

With the LG ThinQ app, you can control your home appliances (including TV, washer, air conditioner and more) remotely.

## TV Remote

The ThinQ app is reborn as a TV remote.



# Connecting External Devices

## Connecting an Antenna to Your TV

Connect your antenna’s output cable to the TV’s antenna input to access over-the-air channels. Refer to your antenna’s user manual for further instructions. Press the TV remote’s SOURCE button until you reach “TV”.

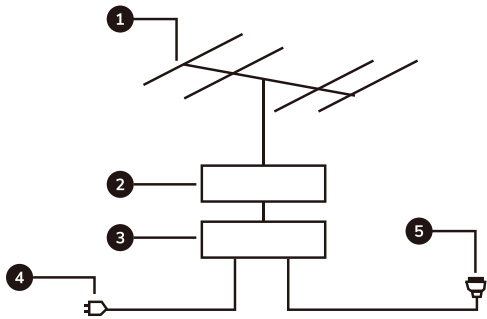
1- Antenna (sold separately)

2- Amplifier Antenna (external)

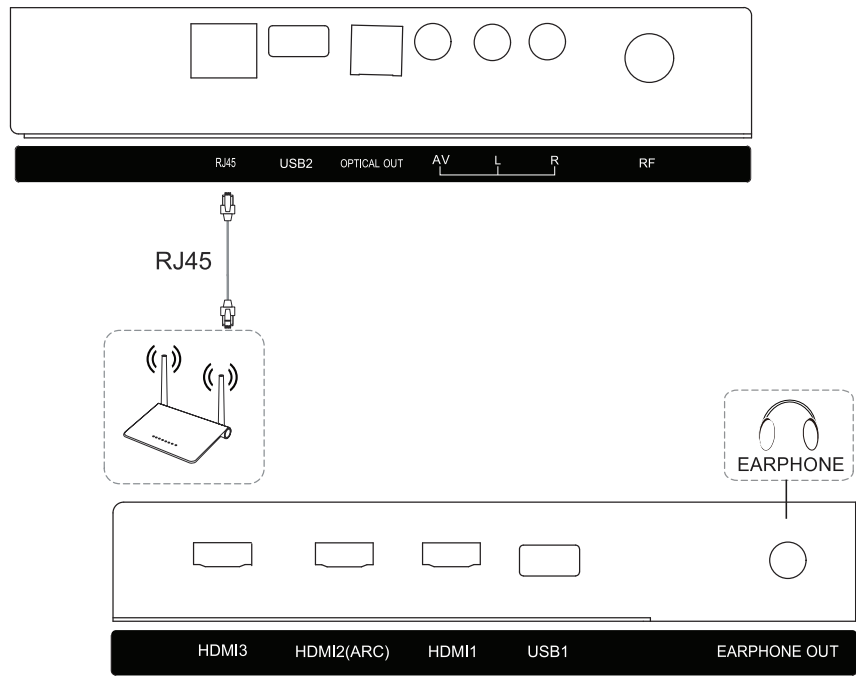
3- Amplifier Antenna (internal)

4- Antenna Amplifier Power Plug

5- Plug Antenna (75 Ω )



Use an RJ45 – RJ45 plug (sold separately) to connect an external modem or other network equipment.



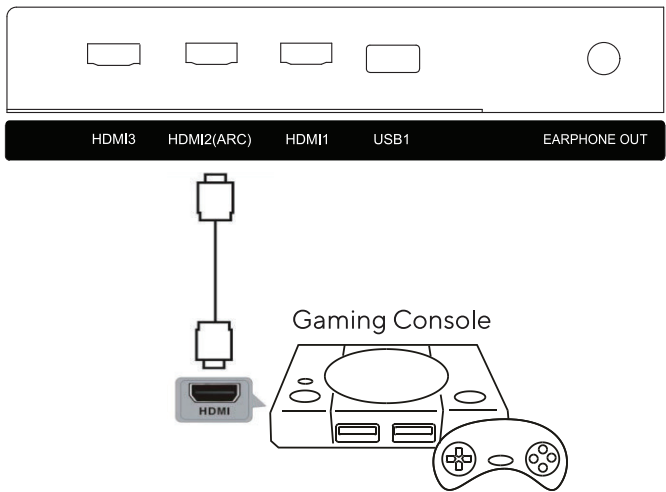
## Connecting Headphones to Your TV

Connect headphones (sold separately) to your TV for private listening.

# Connecting External Devices

## Connecting an External Device to Your TV via HDMI®

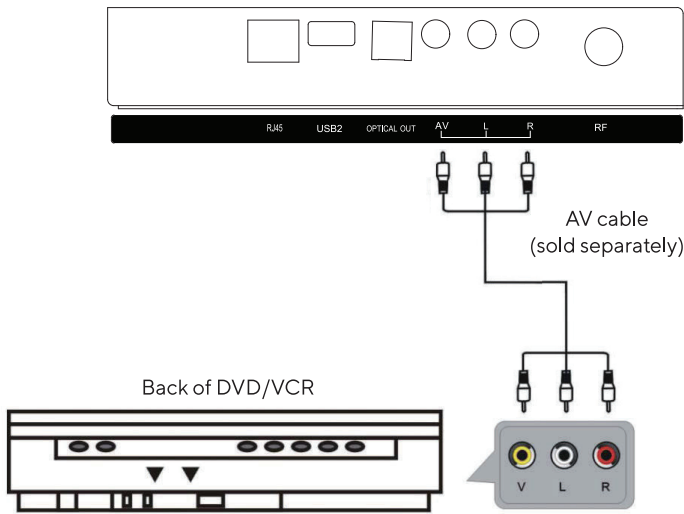
Use an HDMI® cable (sold separately) to connect an external device, such as a laptop or DVD player, to your TV.



Press the TV remote’s SOURCE button until you reach “HDMI®”.  
Be sure to select the specific HDMI® source (HDMI® 1/2/3) that matches the input to which the cable is connected.

## Connecting a Gaming Console to Your TV

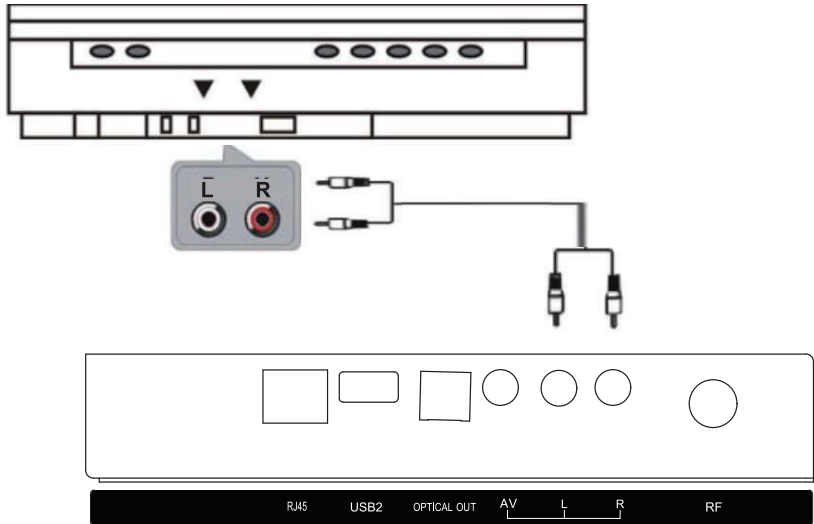
Use an HDMI® cable or AV cable (sold separately) to connect a gaming console to your TV. Be sure to match the cables to the proper inputs.



# Connecting External Devices

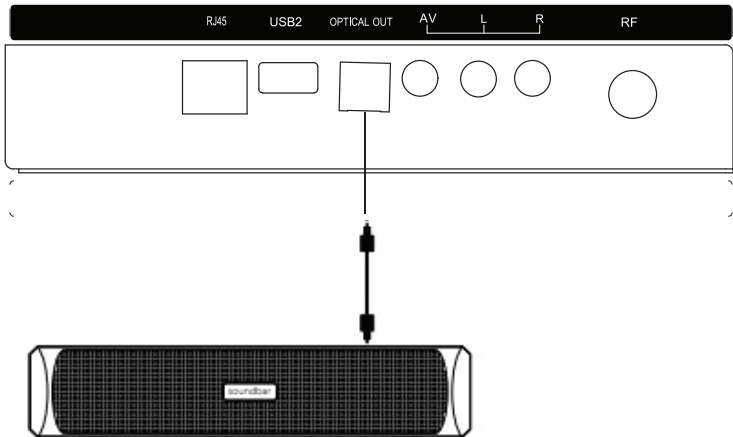
## Connecting an External Device to Your TV via AV

Use the composite L/R (white/red) and video (yellow) cables (sold separately) to connect an external device, such as a speaker, to your TV. Press the SOURCE button on your TV's remote until you reach "AV".



## Connecting an External Device to Your TV via an Optical Cable

Use an optical cable (sold separately) to connect a soundbar or amplifier to your TV.






## Connecting External Devices

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### Connecting to a New Wireless Network

Turn on the power of the router connected to the Internet.

Press the  button on the remote control.

Select the  button → General → Network → Wi-Fi® Connection.

When the network search is complete, a list of available networks will display.

Select a network to connect. If your wireless LAN router is password protected, enter the password configured for the router.



# Supported Signal Modes

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## 1. HDMI® Mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (kHz)
480p	31.468	59.94
576p	31.2	50.00
720p	45.00	60.00
1080i	33.75	60.00
1080p (1920x1080)	67.50	60.00
2160p (3840x2160)	67.50	30.00
2160p (3840x2160)	135.00	60.00

NOTE: When a signal is received by the display and exceeds the allowed range, a warning message will pop up on the screen. You can confirm the signal on the screen.

## FCC Requirement

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

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.

# Troubleshooting

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Problem	Solution
TV will not power on (the power indicator does not light up)	Make sure that both ends of the power cable are plugged into the socket properly and that the wall socket is functioning. Be sure to point the remote directly at the IR sensor on the botto right corner of the TV.
“No Input Signal” appears on the screen	<ul style="list-style-type: none"><li>• Check that the signal line is properly connected.</li><li>• Check that the connected device is powered on.</li><li>• Check that the SOURCE input has been selected and matches the input signal.</li></ul>
The remote control does not function properly	<ul style="list-style-type: none"><li>• Check that athe battery is not drained. Replace with 2 AA batteries.</li><li>• Check that the remote control is within the operating range.</li><li>• Check that the remote control is pointed to the remote.</li><li>• Make sure there aren’t any objects obstructing the signal from the remote to the remote control window on the TV.</li></ul>
There are flashing spots or stripes on the screen	Try switching off sources of interference, such as appliances, baby monitors and more.
Image color or quality deteriorates	Check that picture settings (brightness, contrast, color, etc.) are adjusted appropriately.
Screen position and size are incorrect	Check that the screen position and size are adjusted appropriately.
Image or color is incorrect	<ul style="list-style-type: none"><li>• Check that the signal line is connected properly.</li><li>• When connecting a computer tot he TV, you may need to change your computer’s resolution to obtain the correct image. The computer’s output signal may affect the image displayed.</li></ul>
A warning message appears on screen	Check that the screen position and size are adjusted appropriately.

# Specifications

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Model No.	CRTV430SM
Screen Size	43" Diagonal
VESA	200x200mm
Aspect Ratio	16:9
Power Supply	AC 100-240V (~50-60Hz)
Power Consumption	≤150W
TV System	NTSC MN, ATV
Audio Output Power	8Ω 8W x 2
Inputs	Antenna Input x 1
	USB Ports x 2
	HDMI® Inputs x 3
	Audio In x 1
	Video In x 1
	AV In x 1
	RJ45 x 1
Outputs	Earphone Out x 1
	Optical Out x 1
Internal Wi-Fi® Antennas	1 x 2.4G antenna
	1 x 5G antenna
	1 x Bluetooth receiving antenna
Operating Temperature	32°F~113°F
Operating Humidity	20%-80% non-condensing
Waterproof Rating	IP54

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

## Need Help?

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For customer support regarding your device, please submit a request by emailing **support@dpaudiovideo.zendesk.com**. You will be provided a ticket number regarding your inquiry, which you can refer to when contacting us further.

You may also reach a Core Innovations customer service representative by calling **1-833-909-CORE (1-833-909-2673)**. We are available Monday - Friday, 9am - 5pm PST, except major holidays. Core Innovations strongly urges customers to email their inquiry prior to calling, as this will enable us to better assist you.

Please make sure to note the model number and a description of your inquiry.

Thank you for purchasing a Core Innovations product.

## Warranty Information

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### Limited Warranty

Core Innovations (the "Company") warrants this new product purchased and contained in this package (the "Product") against defects in material or workmanship for 90 Days (Parts & Labor) and 1 Year (Limited). In order for the Company to honor this limited warranty, you must present a valid proof of purchase (i.e. a receipt) of this Product. **IMPORTANT NOTE:** The customer is encouraged to carefully inspect the Product upon receipt after purchase – especially prior to any assembly, disassembly, mounting, installation or utilizing a third-party product of any kind, such as a decorative or protective cover or case.

This warranty is void if the Company deems, in its discretion, that the Product may have been damaged when the packaging was opened, through modification, improper transport, improper storage, improper use, improper assembly or disassembly, exposure to adverse elements, mounting or other installation, end user negligence, water damage or tampering of the barcode of the Product. This warranty does not apply: (a) to cosmetic damage, including but not limited to screen damage, a cracked display, scratches, dents and broken ports; (b) to damage caused by accident, abuse, misuse, fire, water vapor exposure, excessive exposure to humidity, water or other liquid contact, earthquake or other external cause; (c) to defects caused by normal wear and tear or otherwise due to the normal aging of the product; (d) if any serial number has been removed or defaced from the product; or (e) to damage caused by installation or mounting, assembly or disassembly, use with a third party device, cable, protective or decorative cover/case, component or product that does not meet the Company's product specifications. This warranty is a limited warranty for repair of the

## Warranty Information

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Product or replacement of the Product with a new or refurbished product, subject to the conditions set forth herein.

The Company is not liable for consequential, indirect, incidental, special or punitive damages and the Company's total liability hereunder shall not exceed an amount greater than the retail purchase price of the product.

### **90 Days Parts & Labor**

The Company warrants to you as the original retail purchaser of the Product, that should the Product have any warranted defect out of the packaging, under normal conditions, such defect(s) will be repaired or replaced with a new or refurbished part (at the Company's sole discretion) without charge, if the Product is submitted to the Company within a period of ninety (90) calendar days from the date of purchase of the Product. The customer is responsible for transportation cost and insurance charges (if applicable) to the Company and must be able to document a clear proof of delivery to the Company as well as proof of registered receipt by the Company. It is the customer's responsibility to retain original packaging or provide like packaging in order to facilitate the warranty repair or replacement process. The Company will incur no liability whatsoever to provide packaging for warranty items. Should the product be damaged en route to the Company due to insufficient or improper packaging or improper transport, the warranty may be voided. You must receive a return authorization number (RMA#) before sending the unit in for service. This warranty only applies to manufacturer defects, and the Product must be returned to the Company in its original condition.

### **1 Year Limited Parts**

If determined to be covered under warranty, the one (1) year limited parts warranty gives the customer the option to return the Product to the Company for repair or replacement. The customer will be responsible for labor charges. This warranty does not cover any incidental or indirect costs incurred as a result of a defect in the Product, including any consequential, incidental or indirect damages.



*Core Innovations intends to make this manual accurate and complete. However, Core Innovations makes no claim that the information contained herein covers all details and conditions. The information in this document is subject to change without notice at any time. Core Innovations assumes no responsibility for accuracy or completeness of the information contained in this manual.*