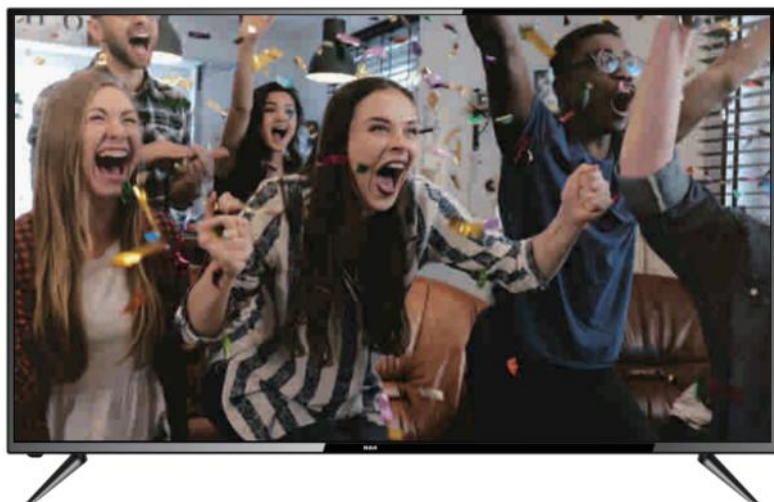




INSTRUCTION MANUAL

Before using the TV, please read this manual thoroughly, and retain it for future reference.



Model: RWOSU6054

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** The pictures, functions and other information provided in the manual are for reference only.
If it does not match the actual object, please refer to the actual product.*

SAFETY PRECAUTION

*CAUTION MARKING WAS LOCATED AT THE REAR OF THE APPARATUS.



WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

 The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

 The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

- DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

WARNING

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. DO NOT PLACE OBJECTS FILLED WITH LIQUIDS ON OR NEAR THIS UNIT.
- SHOULD ANY TROUBLE OCCUR, DISCONNECT THE AC POWER CORD AND REFER SERVICING TO A QUALIFIED TECHNICIAN.



This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

PLACEMENT INFORMATION

- Do not use this unit in places that are extremely hot, cold, dusty or humid.
- Do not restrict the airflow of this unit by placing it somewhere with poor airflow, by covering it with a cloth, by placing it on bedding or carpeting.

SAFETY INFORMATION

- When connecting or disconnecting the AC power cord, grip the plug and not the cord itself. Pulling the cord may damage it and create a hazard.
- When you are not going to use the unit for a long period of time, disconnect the AC power cord.

RATING PLATE LOCATION

The rating plate is located on the rear of the unit.

FCC STATEMENTS

NOTE: This unit 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 unit 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 communication. However, there is no guarantee that interference will not occur in a particular installation. If this unit does cause harmful interference to radio or television reception, which can be determined by turning the unit 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 unit and receiver.
- Connect the unit 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.

WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the unit.

HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

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

IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with a dry cloth.
- 7) Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug.
A polarized plug has two blades with one wider than the other.
A grounding-type plug has two blades and a third grounding prong.
The wide blade or the third prong is provided for your safety.
If the provided plug does not fit into your wall outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments / accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) The mains plug is used as disconnect device, the disconnect device shall remain readily operable.



PERSONAL SAFETY NOTICE

- ALWAYS read and follow all instructions for the installation and use of the TV.
- Place the TV in a location that is level and sturdy.
- DO NOT place the TV on a furniture with drawers that can be used as steps by small children.
- DO NOT allow children to pull the TV or climb on the furniture where the TV is placed.
- DO NOT allow children to play in front of or around the TV.
- ALWAYS route all the cables connecting to the TV so the cables cannot be easily pulled and grabbed by children.
- When installing the TV on a wall, please purchase a TV mount recommended by a professional TV installer, and follow the installation instructions that come with the TV mount.
- Before installing the TV on a wall, please check to make sure the wall structure can support the weight of the TV and the mount. If in doubt, please ask the advice from a professional TV installer.
- People should not be turning on the TV before checking that the power cord is inserted "well".
- People should be checking the voltage of the AC power receptacle and the TV before plugging in the TV.

ACCESSORIES

Please check and identify the supplied accessories.

Remote control	x 1
Battery(AAA)	x 2
Instruction Manual	x 1
Base stand	x 2
Base stand screws	x 6
Troubleshooting instructions card	x 1

GETTING STARTED

USING THE REMOTE CONTROL

- Point the remote control at the remote sensor located on the unit.
- When there is a strong ambient light source, the performance of the infrared remote sensor may be degraded, causing unreliable operation.
- The recommended effective distance for remote operation is about 16 feet (5 meters).

TO INSTALL THE BATTERIES

1.Open the battery door.



2. Insert 2"AAA"batteries.



BATTERY REPLACEMENT

When the batteries become weak, the operating distance of the remote control is greatly reduced and you will need to replace the batteries.

CAUTION : Danger of explosion if battery is incorrectly replaced.

NOTES

- If the remote control is not going to be used for a long time, remove the batteries to avoid damage caused by battery leakage corrosion.
- Do not mix old and new batteries. Do not mix ALKALINE, standard (CARBON-ZINC) or rechargeable (NICKEL-CADMIUM) batteries.
- Always remove batteries as soon as they become weak.
- Weak batteries can leak and severely damage the remote control.

WARNING :
Do not dispose batteries in a fire. Batteries may explode or leak.
Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

CONTROL REFERENCE GUIDE

REMOTE CONTROL



Format : NEC

Customer code: 04H FBH

POWER(): Turns the TV on or off.

TV: Switch to TV Mode.

(Q): Switch to search menu.

CC/SUB: Setup the mode of closed caption or access the subtitle.

(⊗): Enters the Quick Settings menu.

(⊞): Select the input source mode.

Number buttons: Choose the channel directly

LIST: Access the channel list.

(...): It displays the additional buttons on the remote control. Press this button to select the desired option from "More Actions" displayed on the TV screen.

VOL+/VOL-: Increases or decreases the TV volume.

CH[^]/CH^v: Change to the previous or next program.

QUICK ACCESS: long-press 0, you can add Quick Access.

FAV: Show favorite channel list.

GUIDE: Check the programme.

MUTE(): Mute or restore the sound.

PLAY (): Play while watching media.

PAUSE (): Pause while watching media.

HOME(): Enter the home page.

Return(Back): Return to the previous step.

EXIT: Exit the current screen.

Navigation buttons: (Up/Down/Left/Right  /  /  / )

Navigate the menu.

(⊙): Confirm the selection.

(i) **INFO**: Show the detailed information.

SAP: Turn on the Audio Language.

MOVIES: Search Movies.(make sure the Internet connection is normal)

REC: This button does not apply to this model.

(□): Launch Live Playback.

NETFLIX: Access the Netflix interface.

PRIME VIDEO: Access the Prime Video interface.

Color Buttons(RED/GREEN/YELLOW/BLUE): Execute the prompt function in specific mode.

IMPORTANT NOTICE:

Depending on the country where the TV is installed, certain apps may not be available.

The quick launch button on the remote control associated with those apps will therefore not work.

All other functionalities of the remote will work as designed.

*Some functions and features are only available when using the LG ThinQ APP.

CONTROL REFERENCE GUIDE

FRONT VIEW

About remote control working distance and angle, see next page.

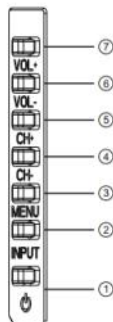
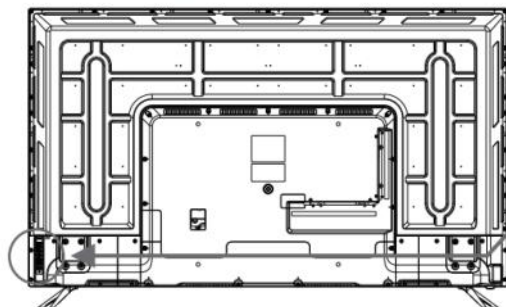
Power/Standby Indicator: Blue and red dual-color LED. It shows red when the TV is turned off and blue when turned on. Remote Control Sensor: Remote control IR sensor, which receives infrared ray sent by remote control.

NOTE: If there is a protective film around the screen, remove the protective film before using the TV.



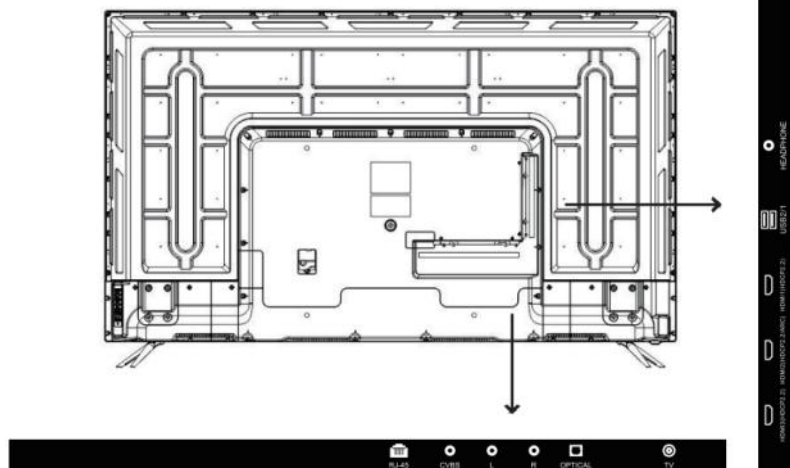
Power/Standby Indicator
Remote Control Sensor

BOTTOM VIEW



1. **POWER(⏻)**: In the off mode, Short press to turn on the TV. In the power on mode, long press to turn off the TV. It's a confirm function during the menu or source called out.
2. **INPUT**: Press to select the SOURCE of the TV.
3. **MENU**: Display the OSD(on screen display)menu.
4. **CH-**: Short press to achieve CH- function. Scans down through the channel list. It acts down when the menu is called out.
5. **CH+**: Short press to achieve CH+ function. Scans up through the channel list. It acts up when the menu is called out.
6. **VOL-**: Decreases the volume. It acts left arrow when the input source is called out.
7. **VOL+**: Increases the volume. It acts right arrow when the input source is called out.

BACK VIEW



USB: Connect the USB device such as the flash disk to access the TV media function.

RJ-45: Connect the Internet.

CVBS: Connect an AV device that has composite video jacks, such as a VCR or DVD player.

- *L*: Left audio channel connection.
- *R*: Right audio channel connection.

EARPHONE: Connect a 3.5mm headphone for personal audio.

HDMI: (High-Definition Multimedia Interface) Provides an uncompressed digital connection. Please enter to the setup menu to turn it on.

RF: Connect to receive the signal from your antenna or cable through a coaxial cable.

OPTICAL: Digital TV sound output.

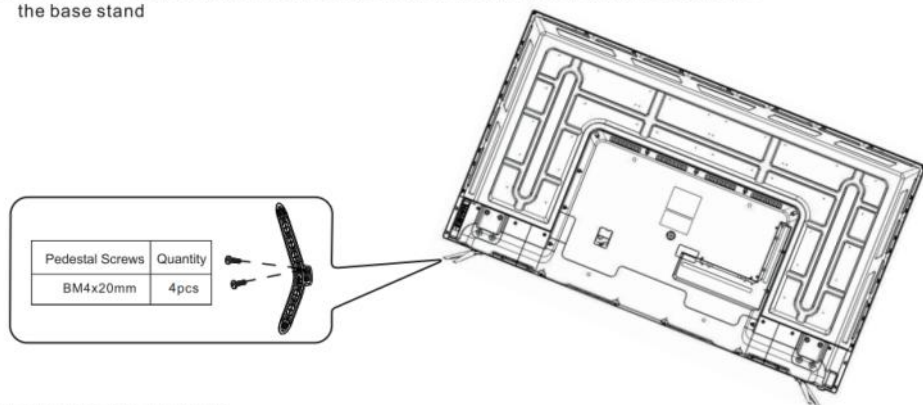
WALL MOUNT INSTALLATION

INSTALLING / REMOVING THE BASE STAND

WARNING : The LED Display is very fragile ,and must be protected at all times when removing the base Stand .

Be sure that no hard or sharp object or anything that could scratch or damage the LED display comes into contact with it Do NOT exert pressure on the front of the unit at any time because the screen could crack.

1. Disconnect all cables or cords connected to the unit.
2. Lay the unit down on a flat surface with the back side facing up Please make sure to place a soft cushioned material (such as a pillow or thick piece of foam) beneath the screen.
3. To remove the base stand, loosen screws off the holes then pull downwards to release the base stand



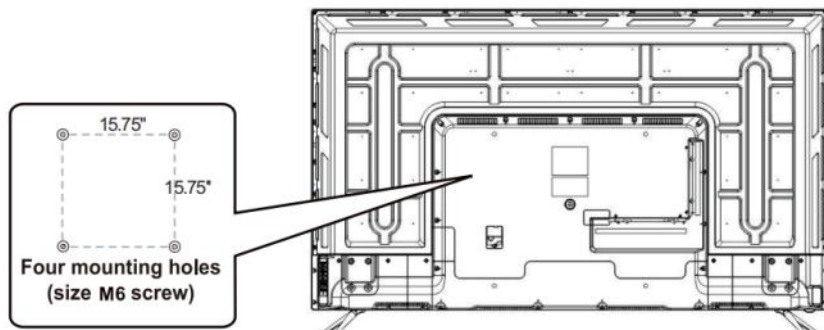
MOUNTING ON THE WALL

This unit is VESA-compliant, and is designed to be wall-mounted with a VESA-compliant 15.75"x15.75" (400mm x 400mm) mounting kit designed for flat-panel TVs (not supplied).

Length of screw should be not exceed 8 mm

NOTE

Remove the base stand before mounting the unit on the wall.



Installation

Your TV is packaged with the stand and the cabinet separated. Before using the TV, install the stand as described below, or if you want to mount it to a wall, see page 7 for mounting advice; the wall mount itself is not supplied.

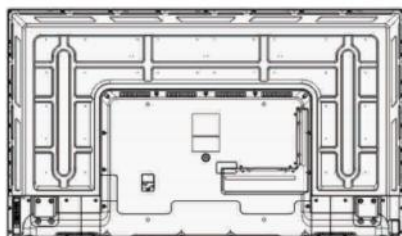
IMPORTANT!

- Make sure the TV set is unplugged from the power supply before installing or removing the stand.
- The TV panel may be awkward to install on your own. We recommend you ask someone to help with installation and/or removal of the stand.

Attaching the stand

Step 1

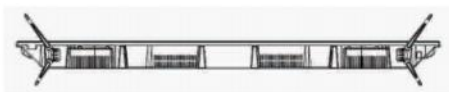
Place a soft cushioned material on top of a flat surface to prevent damaging the screen panel. Then place the TV monitor flat on top, with the screen side facing down, as illustrated on the right (1).



①

Step 2

Align the screw holes on the stand and the bottom of the TV, as illustrated on the right (2).



②

Step 3

Tighten the screws (supplied) with a screwdriver to affix the stand to the panel, as illustrated on the right (3).



③

NOTE: Do not apply excessive force as this may damage the screw holes.

CONNECTIONS

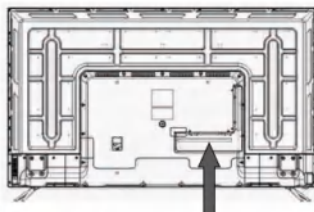
CONNECTING A TV ANTENNA / CABLE / SATELLITE

To view television channels correctly, a signal must be received from one of the following sources:

- An indoor or outdoor aerial antenna
- A cable system
- A satellite system

NOTE

For receiving over-the-air TV broadcasts, we recommend that you use an external fixed antenna. Should you require the use of a temporary antenna, please ensure that you purchase an antenna with sufficient ability to receive in weak signal areas. Only when you are in close proximity to a transmitter will a temporary antenna reproduce a signal as strongly as a fixed antenna.



Satellite, cable or TV antenna cable to TV ANTENNA terminal (cable not included)

CONNECTING AN A/V DEVICE

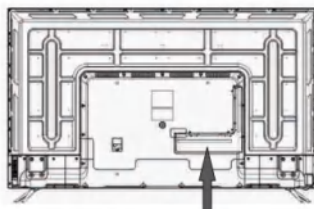
To connect to other equipment such as a VCR, camcorder, satellite system or cable, etc.

CONNECTING DEVICES WITH A COMPOSITE VIDEO OUTPUT

To connect A/V devices such as a VCR, video game system or camcorder.

Connecting to a VCR / Video Game System / Camcorder

Connect the AUDIO / VIDEO cable (not included) as shown. Make sure you connect the cable from the other equipment (**AUDIO** and **VIDEO OUT**) to this unit (AV in).



To AUDIO / VIDEO OUT jacks

VCR / VIDEO GAME SYSTEM / CAMCORDER etc.

YELLOW WHITE RED
VIDEO IN AUDIO IN

To AUDIO / VIDEO IN jacks

NOTE

1. Please refer to the user manual for the other equipment for more information.

2. Composite video input (shared with component)

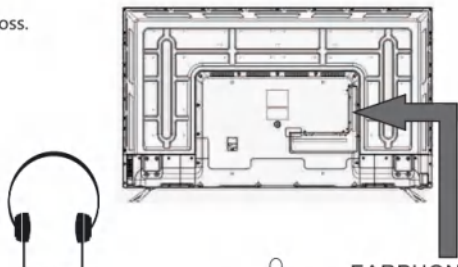
CONNECTING HEADPHONES

- Turn down the volume before connecting headphones to the unit, then adjust the volume to your desired level.
- When headphones are connected, no sound will come from the front speakers.

NOTE

Avoiding listening to sound at high levels for prolonged period of time.

This may be harmful to you and may cause hearing loss.



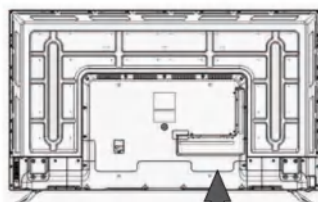
EARPHONE
(1/8" [3.5mm] diameter plug)
NOT INCLUDED

CONNECTIONS

CONNECTING A HIGH-DEFINITION (HD) SOURCE USING HDMI CONNECTION

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD players, DTV, set-top boxes and other digital AV devices. HDMI was developed to provide the technologies of High Bandwidth Digital Content Protection (HDCP) as well as Digital Visual Interface (DVI) in one specification. HDCP is used to protect digital content transmitted and received by DVI-compliant or HDMI-compliant displays.

HDMI has the capability to support standard, enhanced or high-definition video plus standard to multi-channel surround-sound audio. HDMI features include uncompressed digital video, a bandwidth of up to 2.2 gigabytes per second (with HDTV signals), one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.



HDMI CABLE
(NOT INCLUDED)

To HDMI
OUT jack

Connect the HDMI cable (not included) as shown:

Make sure you connect the cable from the source equipment (HDMI OUT) to this unit (HDMI IN).

HD SOURCE
With component video output
(Digital Cable Box*,
Satellite Receiver* or
external over-the-air HD-Tuner)

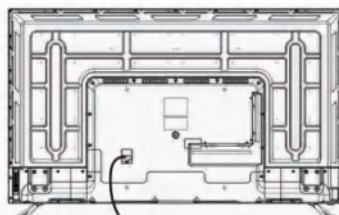
CONNECTING THE POWER CORD

Do not power on your TV unit before making sure the power cord is properly inserted.

At the same time, please check that the rated voltage of your unit matches your local Voltage.

NOTE

- Insert the power plug fully into the socket outlet.
(If the power plug is loose, it could generate heat and cause fire .)
- Ensure that the power plug is easily accessible.
- Ensure the earth pin on the power plug is securely connected to prevent electrical shock.
- Do not touch the power plug with a wet hand.
(This may cause electrical shock.)
- Do not use any power cord other than that provided with this TV. (This may cause fire or electrical shock.)
- Do not damage the power cord.
(A damaged cord may cause fire or electrical shock.)
- Do not move the TV with the cord plugged in the socket outlet.
- Do not place a heavy object on the cord or place the cord near a high-temperature object.
- Do not twist the cord, bend it excessively, or stretch it.
- Do not pull on the cord. Hold onto the power plug body when disconnecting cord.
- Do not use a damaged power plug or socket outlet.



To AC wall outlet

CONNECTIONS

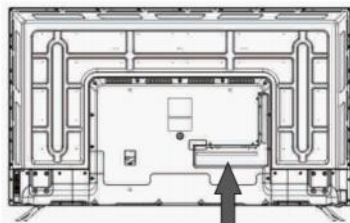
Connection to a Home Theater Audio System

For BEST audio performance

Connecting to a Home Theater System

Dolby Digital can deliver optimal 2 channel stereo or surround sound with five discrete full range channels plus a sixth channel for a subwoofer.

Enjoy optimal sound reproduction from your system with a Dolby Digital amplifier that incorporates a digital optical input. Connect an optional digital cable directly to the television's optical audio output to listen through all inputs.



Optional digital cable
(not included)



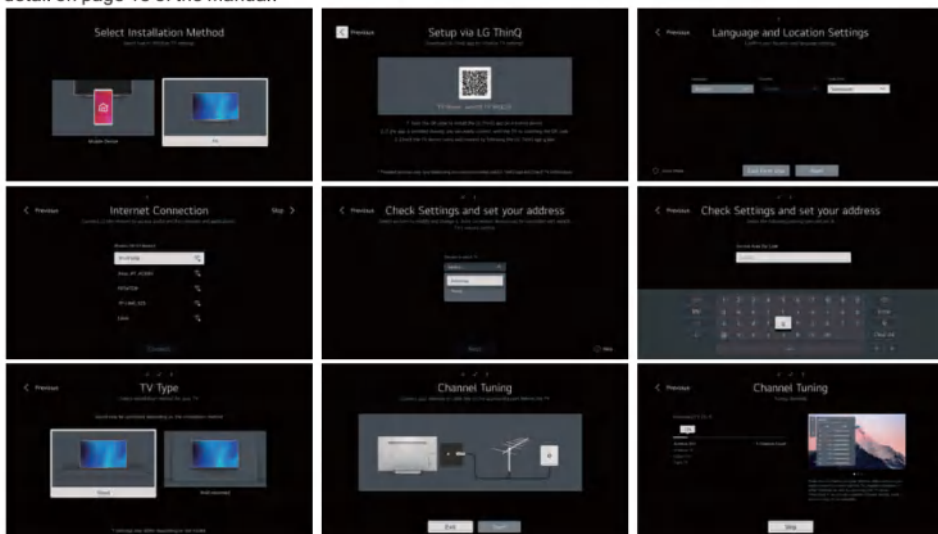
*NOTE: Refer to the User Manual from your home theater equipment for recommended audio settings.

BASIC OPERATION

TURNING THE UNIT ON FOR THE FIRST TIME

After you have initially connected your TV antenna or cable, turn the television ON. A screen will display asking you to select Language and Location, The way to watch TV and Connect LG ThinQ. After setting the options, you can start to experience webOS TV.

Regarding the selection of the service country, you need to enter general menu to select, which is described in detail on page 18 of the manual.



Note: It is not necessary to select the country when performing the initial setup of this TV. And webOS will push these Apps to the Content Store of this TV depending the IP address. Different Countries have different Apps.

RCA WebOS TV Initial Setup Guide

After you have initially connected your TV antenna or cable, turn the television ON. A screen will display asking you to select Language and Location. NB: for location, the Television is preset to USA—If you are in the USA enter your ZIP Code.

If you are located outside of the USA, leave the country set to USA and enter the following ZIP CODE 12345, Complete the initial setup.

LG ThinQ App

You can use the LG ThinQ app to control key TV functions instead of the remote control.

Please note: You will need an Android device running Android 4.3 or higher to use the app.

1. On your smart phone, search and download the LQ ThinQ app from the Play Store/App store (alternatively, scan the QR code below):



For Android



For iOS

2. Once the App has been downloaded, open it up. Ensure that both your smart phone and TV are using the same Wi-Fi network.
 3. Select TV and it will automatically search for nearby TV.
 4. A PIN will appear on your TV screen, enter the PIN on your smart phone and tap "Done."
 5. Select "LINK" on your smart phone to complete registration.
- You can now use the app to control key TV functions.

TV SETUP

Quick Settings

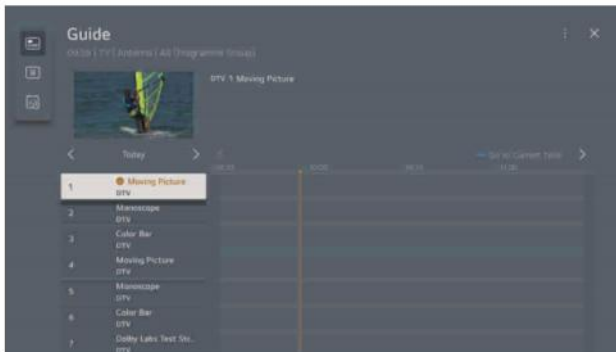
Press the (⊗) button on the remote control. The screen will display a Quick Setting menu such as Picture mode, Sound mode, Sleep Timer, etc.

You can add/delete the quick setting items or change their order. After entering each item, press the Wheel (OK) button on the remote control to go to the corresponding menu. Press ◀/▶ button to select an option.



Live Menu

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



1. Programmes : View a list of content current being broadcast.
2. Guide : View programmes and schedule of each programme.
3. TV Scheduler : Enter a time and date of a programme to schedule watching time or to record a programme at a set time.

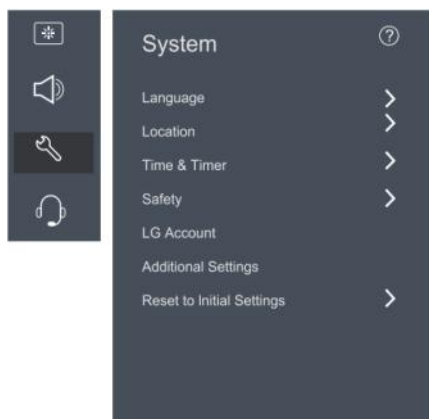
TV SETUP

System menu

Select All in the Settings menu then press Wheel(OK) button to enter the sub-menu.

Press ▲/▼ button to select **System** in the sub-menu, it will highlight the option, then press ► button to enter the menu.

Press ▲/▼ button to select an option then press Wheel(OK) button to enter the sub-menu.



Language

Set TV's language settings. You can set the Menu Language, Audio Language and Keyboard Languages.

Location

Set the region and country for broadcasts and special services.

Time

Set the current date and time. If the time you set is different from the current time, some of the smart features may not be displayed.

Timer

Set the sleep timer and auto power off time.

Safety

Set locking on specified channels, apps, inputs, etc. to use under parents guidance.

Reset Password

Enter the Safety sub-menu and select the Reset Password option, you can modify the new password here. Before modifying, you need to enter the old password first. The initial password is 0000.



LG Account

Set up an account to use Services.

Additional Settings

Set the additional functions related to the TV.

Reset to Initial Settings

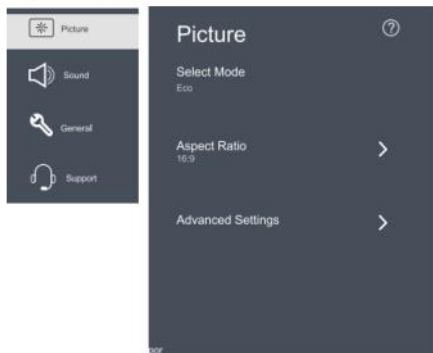
Revert TV to its initial settings. This will revert all options on TV to their default settings.

Picture Menu

Select All settings in settings menu, press (⊙) button to enter the submenu.

Press ▲/▼ buttons to select **Picture** in the submenu, it will highlight the option, then press ► button to enter menu.

Press ▲/▼ button to select the option and press (⊙) button to enter the submenu.



Picture Mode Settings

Select a video mode that matches the viewing environment, or specify settings for a video mode, such as contrast, color, etc.

Backlight

Adjust the backlight brightness to brighten or darken the screen. The closer to 100, the brighter the screen becomes.

Contrast

Adjust the difference between bright and dark areas of the screen. Higher values intensify the difference.

Brightness

Adjust the tint to brighten or darken the screen. The closer to 100, the brighter the screen becomes.

Sharpness

Adjust edge sharpness. Higher values increase the crispness and clarity of the image.

Color

Adjust the screen color to be pale or deep. The closer to 100, the clearer the color becomes.

Tint

Adjust the balance of red and green to display the tint on the screen. The closer to 50 the clearer the red, the closer to 50 the clearer the green.

Color Temperature

Display pictures in a warm or cool color temperature. Higher values increase a sense of warmth or coldness.

Advanced Controls

Adjust the contrast, resolution, etc for individual picture mode in detail and set preferred color, gamma, etc.

Picture Options

Set necessary additional functions based on watching environment and screen status.

Apply to All Inputs

Apply the detailed setting values of current picture mode to all inputs or apps.

Reset

Reset picture setting values to default.

Aspect Ratio Settings

View the original screen as it is or set the screen size and Aspect Ratio.

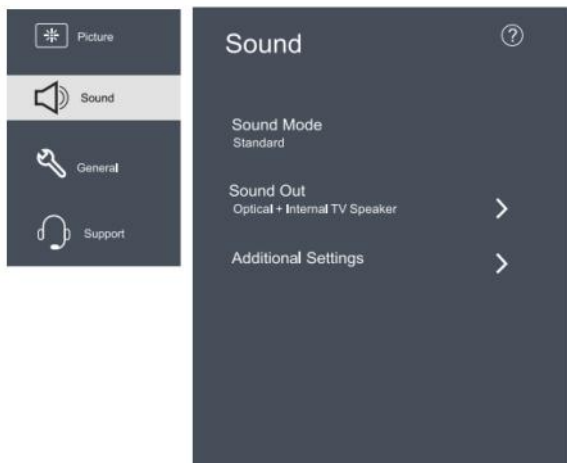
TV SETUP

Sound Menu

Select All settings in settings menu, press (⊙) button to enter the submenu.

Press ▲/▼ buttons to select **Sound** in the submenu, it will highlight the option, then press ► button to enter menu.

Press ▲/▼ button to select the option and press (⊙) button to enter the submenu.



Sound Mode Settings

Select the Sound mode and set detailed Audio effects. This settings is only available for Internal TV Speaker. Include Standard, Cinema, Clear Voice III, Sports, Music and Game.

Balance

Control the sound balance between the right and left speaker.

Apply to All Inputs

Apply the sound settings adjusted by the user to all devices and apps connected externally.

Equalizer

Adjust the sound to meet your taste for each sound frequency band.

Reset

Revert detailed sound effect settings of standard mode to default.

Sound Out

Select device or speaker for audio output. Include Internal TV Speaker, Bluetooth, Mobile Device, Optical, HDMI ARC, Wired Headphones, Optical + Internal TV Speaker etc. for your choice.

Additional Settings

Set additional sound-related settings. Include TV Installation Type, Volume Mode, AV Sync Adjustment, HDMI Input Audio Format, LG Sound Sync and Digital Sound Out for your choice. You can perform the operations you want according to the prompt information on the TV screen.

TV SETUP

Programmes Menu

Select All settings in settings menu, press (⊙) button to enter the submenu.

Press ▲/▼ buttons to select **Programmes** in the submenu, it will highlight the option, then press ► button to enter menu.

Press ▲/▼ button to select the option and press (⊙) button to enter the submenu.



Programme Tuning & Settings

Tune and save available channels. You can choose Auto Tuning and Manual Tuning to search for TV programs.

Programme Manager

Manage channels stored on the TV.

Dual Mono

You can select left and right audio settings for broadcast signal.

Copy Programmes

Import/export your TV's programme list information from/to a connected USB device.

TV SETUP

Network Menu

Select All in the Settings menu then press Wheel(OK) button to enter the sub-menu.

Press ▲/▼ button to select **Network** in the sub-menu, it will highlight the option, then press ► button to enter the menu.

Press ▲/▼ button to select an option then press Wheel(OK) button to enter the sub-menu.



TV Name

Set the TV name.

Network Connection Settings

Set settings related to your wired / wireless network.

Wired Connection (Ethernet)

If the router connected to the network supports DHCP feature, the TV will automatically connect to the network.

If it does not automatically connect, select Edit to manually set up the connection.

Wi-Fi Connection

Select Wi-Fi Connection in the Network Connection Settings menu, press Wheel(OK) button to enter. Select the Wi-Fi you want to connect to then enter the password to connect.

Add a Hidden Wireless Network

Add wireless network by manually entering network name (SSID).

Connect via WPS PBC

For a WPS(Wi-Fi Protected Setup)-enabled wireless router, press the WPS-PBC button to connect. TV to the wireless network.

Connect via WPS PIN

For a WPS(Wi-Fi Protected Setup)-enabled wireless router, enter the PIN code to connect TV to the wireless network.

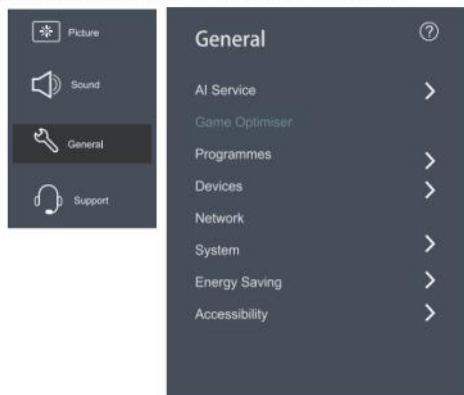
TV SETUP

General Menu

Select All settings in settings menu, press (⊙) button to enter the submenu.

Press ▲/▼ buttons to select **General** in the submenu, it will highlight the option, then press ► button to enter menu.

Press ▲/▼ button to select the option and press (⊙) button to enter the submenu.



AI Service

Set detailed options for the AI functions.

Game Optimiser

Set up various features to enjoy the game more realistically. It only works with HDMI inputs.

Programmes

Set up and manage settings related broadcast programmes.

Devices

You can set up the TV and external devices connected to the TV.

Network

Set settings related to your wired or wireless network.

System

Set detailed options for the below functions.

Language /Location/Time & Timer/Safety/LG Account/Additional Settings/Reset to Initial Settings.

Energy Saving

Adjust the brightness of the screen or set it to turn off automatically to reduce power consumption. Brightness of your TV will be affected if you use Energy Saving function.

Accessibility

Set up TV to fit individual needs to create a more convenient experience.

TV SETUP

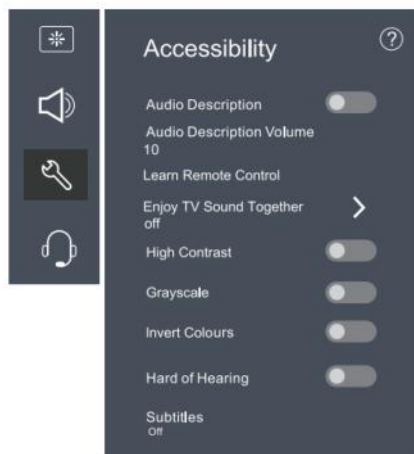
Accessibility Menu

Select All settings in settings menu, press (⊙) button to enter the submenu.

Press ▲/▼ buttons to select **Accessibility** in the submenu, it will highlight the option, then press ► button to enter menu.

Press ▲/▼ button to select the option and press (⊙) button to enter the submenu.

Note: Certain settings/functions will not work if others are turned on.



Audio Guidance

Guide menus and operations with voice for visually impaired viewers to use TV. Specify detailed voice guidance settings after turning on this feature.

Learn Remote Control

It describes the feature vocally when pressing buttons on the remote control.

Enjoy TV Sound Together Off

This function allows Sound Out to be produced with a TV Speaker and an audio device simultaneously, so people with different levels of hearing impairment can watch TV together.

High Contrast

Enhance the contrast between bright and dark areas of some menus, such as the background and text, to be easily viewed by those with low-vision.

Grayscale

Change the color of the menu on the screen to black and white tone for higher clarity.

Invert Colours

Invert and compensate certain colors in some menus to enhance the visibility of items displayed on the screen.

Hard of Hearing

Display captions for hearing impaired viewers to use TV. It works only when the broadcasting programme supports subtitles.

Subtitles

Set advanced Subtitle options. It works only when the broadcasting programme supports subtitles.

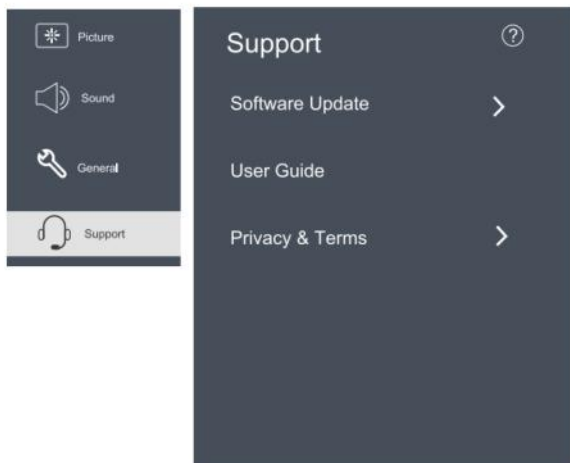
TV SETUP

Support Menu

Select All settings in settings menu, press (⊙) button to enter the submenu.

Press ▲/▼ buttons to select **Support** in the submenu, it will highlight the option, then press ► button to enter menu.

Press ▲/▼ button to select the option and press (⊙) button to enter the submenu.



Software Update

Check for software updates and update if available.

User Guide

Check descriptions for each webOS TV functions.

Privacy & Terms

Check the Terms and Conditions and Legal Information.

Home Tutorial

Using the home feature of the webOS TV

You can open the home screen by pressing the (⏏) button on your remote control.



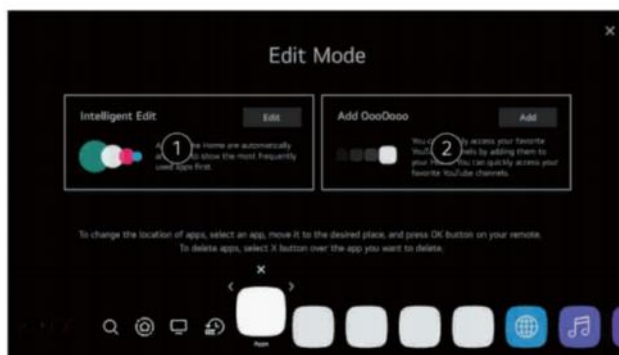
1. Enter the search menu. Search for a variety of content and information using the desired search terms.
Need to make sure the network connection is normal
2. Move To The Home Dashboard.
3. Move to the TV input you used recently.
4. Move to the recently used app.
5. Move to the the APP store.
6. Move to the Browser.
7. Move to the Picture and video playback menu.
8. Move to the Music playback menu.
9. Move to the Edit menu.
10. Move to the Settings menu.

Manage Home

Manage webOS TV Home.

You can view a list of all apps installed on your TV, change their positions, or delete them.

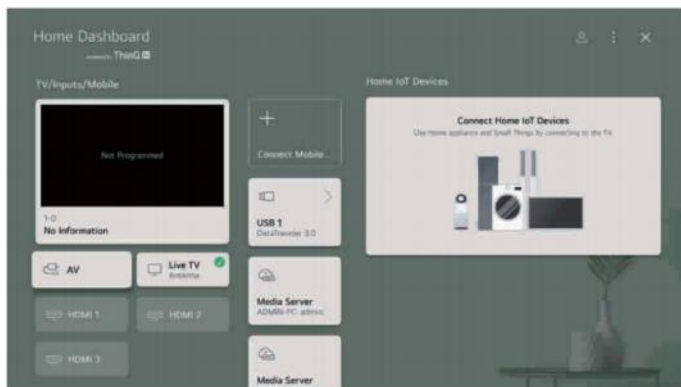
You can perform the operations you want according to the prompt information on the TV screen.



1. Select the app you want to edit, and press and hold the wheel (⊙) button on the remote control. This will activate the app edit mode.
2. To move the app to your desired position, go to the position and press the wheel (⊙) button.
To delete an app, select the "X" icon above the app. You can move and delete as many apps as you wish before exiting the edit mode. You can also move apps with the ◀/▶ buttons on your remote control.
3. After the editing is done, press the "X" at the top right to exit the App Edit mode.
The default TV app cannot be edited.

Home Dashboard

You can select or control a device connected to the TV. Press the (⏮) button on the remote control and select Home Dashboard. You can perform the operations you want according to the prompt information on the TV screen.



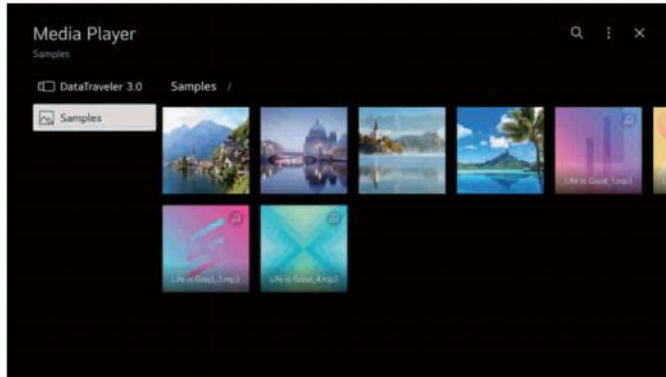
1. Check and select the smart device connected with the LG ThinQ app.
2. Play sound from a smart device connected via Bluetooth.
3. Check and select the external device connected through the external input port or network.
4. The currently selected output speaker is displayed, and you can navigate to the output speaker settings screen.
5. View and select the connected storage device.
6. Check and control the device connected via the Home IoT.
7. Easily control your device by presetting the desired operations.
8. Sign In : You can log in/out to and from the LG ThinQ account you created on mobile.
Edit : You can edit the name of the device connected to Inputs or Home IoT Devices or configure the related settings.
9. Refreshes the device list.
10. Exit the Home Dashboard.

USB Media Player

USB Media Player

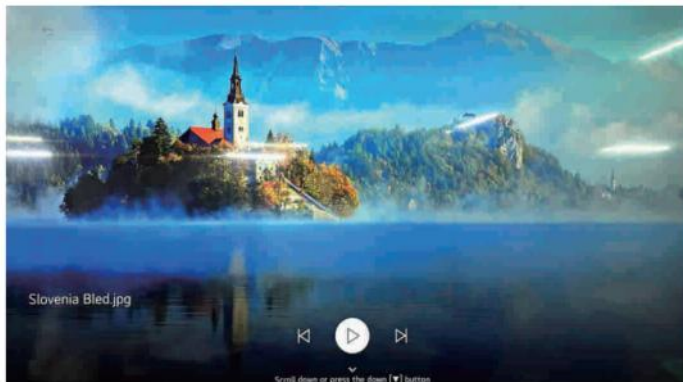
Connect a USB storage device to the USB port on the TV to enjoy the content files stored on the USB storage device on your TV.

Support format: jpeg, jpg, jpe, png and bmp for photo, mp3, wav, ogg, flac for music, avi, mp4, 3gp, mkv, ts, mpg, vob for video.



Using Photo Player

Selecting Photo & Video app and press (Ⓢ) button to enter the menu. You can view your saved photos. Press Arrow buttons to select the file you want to watch in the file selecting menu, then press (Ⓢ) button to start playing. When playing media, press the (Ⓢ) button to display and operate file details.



USB Media Player

Playing Video

Selecting Photo & Video app and press (Ⓢ) button to enter the menu. You can view your saved videos. Press Arrow buttons to select the file you want to watch in the file selecting menu, then press (Ⓢ) button to start playing. When playing media, press the (Ⓢ) button to display and operate file details.



Playing Music

Selecting Music app press (Ⓢ) button to enter the menu. You can listen your saved music. Press Arrow buttons to select the file you want to listen to music in the file selecting menu, then press (Ⓢ) button to start playing. When playing media, press the (Ⓢ) button to display and operate file details.



DISPLAY MODE

VIDEO FORMATS

SUPPORTED COMPONENT / HDMI INPUT MODE			
Resolution	Horizontal Scanning Frequency (KHz)	Vertical Scanning Frequency (Hz)	Format
720 X 480	15. 73	59. 94	480 i
720 X 480	31. 5	59. 94	480 p
1280 X 720	45	60	720 p
1920 X 1080	33. 75	60	1080 i
1920 X 1080	27	24	1080 p
1920 X 1080	67. 50	60	1080 p
3840 X 2160	53.9	24	2160p
3840 X 2160	67.5	30	2160p
3840 X 2160	134.5	60	2160p

NOTE:

The above listed formats are also related to the AV devices you are about to connect. Before you connect this unit with others please read all instructions carefully and make sure all necessary cables are connected.

This unit may be incompatible with some other formats which are not meet the above conditions.

SPECIFICATION

Model Description		60"LED TV
Panel	Panel Type	LED Panel
	Diagonal Size	60 inches
	Screen Format	16:9
	Resolution	3840 x 2160
	Brightness	270 cd/m ²
	Contrast	5000:1
	View Angle	178(H)/178(V)
	Response Time	8.0ms
Systems	Maximum Color	16.7M colors
	Color System	NTSC/ATSC
	Sound System	M/N
	Sound Output	L/R Speaker: 8W+8W
Input / Output Jacks	RF Input	75 ohm external terminal
	HDMI Input	480i, 480p, 720p, 1080i, 1080p, 2160p.
		HDMI1(2.0), HDMI2/ARC(2.0), HDMI3(2.0)
	Composite Video Input	1.0 Vp-p, 75ohms
	Sound Input	AV AUDIO: For CVBS Audio input 500mV rms, Impedance: 20k ohms
	Digital audio out	S/PDIF Optical
Power	USB Port	Media player
	Operating Temp.	0°C~40°C
	Power Requirement	120V~50/60Hz
	Rated Power Consumption	150W

This manual is only for your reference.
Specifications are subject to update without prior notice.

TROUBLESHOOTING GUIDE

SYMPTOM

CAUSE (AND REMEDY)

TV

Bad Picture (snow, multiple images distortion,blurry)

- Check the location of the antenna and adjust it if necessary.
- Make sure the antenna cable is firmly connected.
- Make sure all input cables are firmly connected.

No sound.

- Increase the volume.
- Check whether the mute function has been activated on the Remote Control.

Black and White picture.

- Check the PICTURE setting within the PICTURE menu.
- Check to make sure the program you are watching is broadcast in Color and not Black & White.

No picture or sound.

- Make sure the unit is plugged in and turned on.
- Make sure that the ATV mode is selected.
- Try a new channel to check for possible station trouble.
- Make sure the antenna is connected properly.
- Increase the volume.
- Make sure the antenna or audio/video source device is working properly.
- Make sure all cables are firmly connected.
- Check for local interference.

Colored patches of picture.

- Make sure there are no unshielded electrical devices nearby that are causing interference.
- Turn the TV off for 30 minutes, then try it again.

Panel function key does not respond correctly.

- Under the influence of electrostatic phenomenon, the product may malfunction and require user power reset.
- Unplug and re-plug the AC power cord.

The display monitor's panel goes hot.

- LED TV takes inside light phosphor. It may increase the temperature of the screen in some occasions. It's not a defect.

Unusual dots

- Black dots and Bright points may appear on the LED screen. This is a structural property of the LED panel and is not a defect.

Stripes on screen

- Adjust the impulse phase may decrease stripes. RGB in

The top of the monitor gets hot.

- It may occur during long-time working. It's not a defect.

Unable to select a certain channel.

- The channel may be skipped. Choose this channel by directly selecting the buttons from the remote control.

Disorder display at power on.

- This may be caused because of a very short interval between POWER OFF and ON.
- Unplug the power and restart.

To make a warranty claim, please email support2@curtiscs.com or call 1-800-968-9853.

1 Year Warranty

This product is warranted to be free from defects in material and workmanship for a period of one (1) year from the date of original purchase. During this period, your exclusive remedy is repair or replacement of this product or component found to be defective, at our option; however, you are responsible for all costs associated with returning the product to us. If the product or component is no longer available, we will replace with a similar one of equal or greater value. Prior to a replacement being sent, the product must be rendered inoperable or returned to us.

This warranty does **not** cover glass, filters, wear from normal use, use not in conformity with the printed directions., or damage to the product resulting from accident, alteration, abuse, or misuse. This warranty extends only to the original consumer purchaser or gift recipient. Keep the original sales receipt, as proof of purchase is required to make a warranty claim. This warranty is void if the product is used for other than single-family household use or subjected to any voltage and waveform other than as on the specified rating on the label (e.g., 120V~60Hz).

We exclude all claims for special, incidental, and consequential damages caused by breach of express or implied warranty. All liability is limited to the amount of the purchase price. **Every implied warranty, including any statutory warranty or condition of merchantability or fitness for a particular purpose, is disclaimed except to the extent prohibited by law, in which case such warranty or condition is limited to the duration of this written warranty.** This warranty gives you specific legal rights. You may have other legal rights that vary depending on where you live. Some states or provinces do not allow limitations on implied warranties or special, incidental, or consequential damages, so the foregoing limitations may not apply to you.

For faster service, locate the model, type, and serial numbers on your appliance.

90 Day Warranty

Remote controls are warranted from date of purchase for a period of ninety (90) days, provided remote has been used as intended and free from damage.

ATTACH YOUR PROOF OF PURCHASE HERE, PROOF OF PURCHASE IS REQUIRED TO OBTAIN WARRANTY SERVICE.

Please have the following information available when you contact the Support Team:

- Name, address and telephone number.
- Model number and serial number.
- A clear, detailed description of the problem.
- Proof of purchase including dealer or retailer name, address and date of purchase.

FCC Statement

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.

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 condition that this device does not cause harmful interference.

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.

caution: this device is intended used in a?uncontrolled environment, please keep at least 20cm away from the device while it works

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

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- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

caution: this device is intended used in a uncontrolled environment, please keep at least 20cm away from the device while it works

IC STATEMENT

IC STATEMENT

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

For service assistance and product information,
please call: 1-800-968-9853.
Pour obtenir assistance et information appelez: 1-800-968-9853.

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