LED Backlight TV

USER MANUAL

Read the manual carefully and ensure you have fully understood its contents before operating this device for the first time.

English

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Important Safety Precautions



This symbol alerts user about the presence of a dangerous voltage not isolated inside the product which can be sufficiently powerful to constitute a risk of electrocution.



This symbol alerts user about the presence of important operating instructions and maintenance in the document enclosed in the package.



ATTENTION
RISK OF SHOCK
ELECTRIC



Do not open the back cover.

In no case the user is allowed to operate inside the TV set.

Only a qualified technician is entitled to operate.

Disposal of Used Electrical & Electronic Equipment



Packaging and electrical goods should be recycled appropriately, and not treated as household waste. Please dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipment waste. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Warning

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

Important Safety Precautions

Safeguards

Please read the following safeguards for your TV and retain for future reference.

Always follow all warnings and instructions marked on the television.

1. A note about safety and operating instructions

Read and follow all safety and operating instructions, and retain them safely for future reference.

2. Heed Warnings

Adhere to all warnings on the appliance and in the operating instructions.

3. Cleaning

Unplug the TV from the wall outlet before cleaning. Do not use liquid, abrasive, or aerosol cleaners. Cleaners can permanently damage the cabinet and screen. Use a lightly dampened cloth for cleaning.

4. Wall Mount Bracket

Wall mount bracket is only available for some models. If wall bracket is not supplied with this product, you can buy it at the local market.

Please refer to the Installing the Wall Mount Bracket page of Quick Setup Guide for dimensions.

5. Water and Moisture

Avoid dripping or splashing of liquids onto the product. Objects filled with liquids, such as vases, should not be placed on the product.

6. Setting

Do not place this TV on an unstable cart, stand or table. Placing the TV on an unstable base can cause the TV to fall, resulting in serious personal injuries as well as damage to the TV. Use only a cart, stand, bracket or table recommended by the manufacturer or salesperson.

7. Ventilation

Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the TV and to protect it from overheating. Do not cover the ventilation openings in the cabinet and never place the set in a confined space such as built-in cabinet unless proper ventilation is provided. Leave a minimum 10cm gap all around the unit.

8. Power Source

This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.

9. Power-Cord Protection

Power- supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plug, wall outlets, and the point where they exit from the TV. MAIN plug is used as the disconnect device, the disconnect device shall remain readily operable.

10. Lightning

For added protection for this TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to lightning or power-line surge.

Important Safety Precautions

11. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. Where installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

12. Overloading

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

13. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on or into the TV.

14. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges.

15. Servicing

Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

16. Damage Requiring Service

Unplug the TV from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- (a) When the power supply cord or plug is damaged.
- (b) If liquid has been spilled, or objects have fallen into the TV.
- (c) If the TV has been exposed to rain or water.
- (d) If the TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV to its normal operation.
- (e) If the TV has been dropped or the cabinet has been damaged.
- (f) When the TV exhibits a distinct change in performance this indicates a need for service.

17. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

18. Safety Check

Upon completion of any service or repair to the TV, ask the service technician to perform safety checks to determine that the TV is in safe operating condition.

19. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

20. Fire

The product should be situated away from naked flame sources such as lighted candle.

21. Off-gassing

The TV smells of plastic is normal and will dissipate over time.

Shortcuts Instructions

Disclaimer:

Instructions and images through this manual are only for reference and may differ from the actual product. Parts of the software function changes with the system upgrade.

Turning your TV on or off

To turn your TV on or off:

- 1. Plug the AC power cord into a socket outlet of AC power supply.
- 2. When the TV is powered on, press the [(!)] button on the remote control, to turn TV on or off.

Ð NOTES

- When your TV is in standby mode, it is still consuming power. To completely disconnect power, please remove the mains plug from the mains socket.
- · If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

Selecting the Input Source

Select the Input Source depending on the video device you have connected to your TV.

To select the input source:

- 1. Turn on your TV, then press the [INPUT] button on the remote, the list of Source appears.
- 2. Press the $\lceil \land / \lor \rceil$ buttons to select the input source.
- 3. Press the **[OK]** button to confirm your selection.

Using the Live TV

To view broadcast programs, press the [☐] button on your remote, click the → Inputs icon in Home screen and select Channels as the input source.

Channel search guide

When you select **Channels** as input, if no TV channels were saved before, you will be prompted to do a channel search. You can also go to **Settings** > **Channel** to change the channel settings.

Viewing channel information

As you use the [CH+ / CH-] / [CH\[] button on your remote to switch channels, an information banner appears on the top of the screen.

Viewing a channel list

After you have done an automatic channel scan (if you're using an antenna) or receiving your channels through a cable provider, you can view your list of channels by pressing **[OK]** button on your remote.

You will see the channel list display on the screen.

Shortcuts Instructions

Creating a Favorites List

To quickly access your most-watched channels, you can create a Favorites List.

To create your Favorites List:

- 1. Press the [] button on your remote to access the **Menu** in Channels source.
- 2. Press the [^] button to select Channels and press [OK] button to add to my favorite.

Viewing your Favorite list

To view channels that you've added to your Favorites List simply press **[OK]** button on your remote to call out the channel list.

The channel list appears on the screen. You can press the "blue" special button to view your favorite list.

Using the Menu Function

Press the [] button on your remote to enter the **TV options** in TV mode.

Source

Select input sources.

Picture mode

Select a preset picture mode to best suit the content you're viewing. Then there are seven types of picture modes available: **User, Standard, Vivid, Sport, Movie, Game,** and **Energy saving.**

Display mode

Adjust the Aspect Ratio to stretch or zoom in on your picture. You can choose from the following settings: Automatic, Super zoom, 4:3, Movie expand 14:9, Movie expand 16:9, Wide screen, Full or Unscaled.

ARC

Turn ARC on or off.

Power

Adjust the timer settings to suit your preference. You can set Sleep timer, Picture off, Switch off timer, No signal auto power off.

CI Card

Review the Advanced Settings menu.

- Cam Menu
- Cam Pin Code
- User Preference

Manual OAD

Update the software version by OAD.

Advanced Options

You can set Soundtracks, Blue Mute, MHEG PIN Protection, HBBTV Settings, Subtitle, Teletext, OAD, Auto sleep, System information, Version Info.

Settings

Configure the TV. You can set Network & Internet, Channel, Accounts & Sign-In, Apps, Device Preferences, Remotes & Accessories.

Shortcuts Instructions

GUIDE(EPG)

It provides convenience to check TV programs that will be available in the next 7 days. The information displayed by the EPG is made available by the commercial television networks for digital channels only. (The availability and amount of program information will vary, depending on the particular broadcaster).

Watch	When a current program is selected, press the [OK] button to watch.
Page Up/Down	Click the [CH+ / CH-] / [CH^ / CHV] buttons to move program listing page up/down.
Previous Day	Click the RED icon to go backwards a day.
Next Day	Click the GREEN icon to move forwards a day.
View Detail	Click the YELLOW icon to display detailed information on the selected program.
Type Filter	Click the BLUE icon to indicate different genres in the Guide for quick and easy viewing.

T.Shift

This option allows you to pause and rewind live TV. This function operates by recording temporarily to a storage device. Please ensure your storage device is connected and there is enough free disk space. Otherwise the recording will not commence.

Press the [□] button on your remote, then select Time Shift Mode by pressing [✓] button on your remote. Set Time Shift Mode on and then press the [←] / [←] button to return. And then press the [II] button, the menu will appear, click the II icon to pause the live broadcast and click the ▶ icon to play. Click the ★ icon to rewind and click the ▶ icon to fast forward. Click the ■ icon to exit the function and watch the current broadcast.

NOTES

- When connecting a hard disk, always connect the mains adapter of the connected device to the power supply.
- When connecting external hard disk drives please use an external power supply where possible.
 Exceeding a total current consumption may result in damage. The maximum current consumption of USB3.0 is 1A and The maximum of USB1.1 and USB2.0 are 500mA.
- The maximum supported storage space of the hard disk is 2T.
- · The T.Shift function doesn't support analogue channels.
- The T.Shift function is disabled for channels locked with Channel Lock or scrambled channels (CI module or password needed).
- The T.Shift function is only available on certain models in some countries/regions.

Settings

Using the Settings

1. Press the [_] button on your remote to enter the Home screen, and then select the to access the Settings menu. You can also press the [] button on your remote to enter the Menu in TV mode and then select the settings menu.

The settings menu consists of the following settings:

- Network & Internet
- Channel
- Accounts & Sign-In
- Apps
- Device Preferences
- Remotes & Accessories
- 2. In each menu, you can:
 - Press the [^/ ∨] buttons to select an item.
 - Press the [OK] buttons to enter the sub-menu or to set on or off.
 - Press the [←] / [←] button to return to the previous menu.

Network & Internet

password if necessary.

- Wi-Fi: Turn on the Wi-Fi to access the Internet via a wireless network connection.
 Select an available network, press [OK] to confirm. A screen will appear prompting you to enter the
- See all / See fewer: Press [OK] to view all available network or fewer.
- Add new network: You can add wireless network.
- Scanning always available: Check to scan for networks even when Wi-Fi is turned off.
- Wow: Wake on wireless network.
- Wol: Wake on LAN.
- Connected / Not connected: Show whether the Ethernet is connected
- Proxy settings: You can set the proxy server.

→ NOTE

- HTTP proxy is used by the browser but may not used by other apps.
- IP settings: Configure the IP setting for your network connection.

Settings

Channel

- Channels: Set the Channel Scan, Update Scan, Single RF Scan, etc. according your choose.
- Channel installation mode: Choose channel installation mode for Antenna, Cable or Satellite.
- Auto Channel Update: TV will automatically update program data overnight while in stand-by mode.
- Parental controls: The Parental Controls setting allows you to block content that is not appropriate for children to watch.
- Audio Language: You can choose the audio language in DTV mode.
- Audio Language 2nd: You can choose the audio language in DTV mode.
- Open-source licenses: Click to read the Licenses details.
- Version: The version of the channel.

Accounts & Sign-In

Make the most of your TV. Choose account type and sign in to get new apps, recommendations movies and more.

Apps

View details about an app or other item listed. The information and controls available vary among different types of apps.

Device Preferences

See other chapters for more information about these settings.

Remotes & Accessories

To connect your remote through Bluetooth, before pairing your Bluetooth devices, make sure they're in pairing mode.

Device Preferences

Device Preferences

About

- System update: We will provide software updates to continuously enhance your TV and correct any issues
 that may impact your user experience; therefore, we recommend that you keep your TV connected to the
 Internet to automatically receive updates when they are available.
- Device name: Change a name for your TV, also you can choose "Don't change", The name will be shown
 to devices that are available for sharing data.
- Restart: Restart your TV.
- Status: View system message, including: IP address, MAC address, Bluetooth address, Serial number, etc.
- Legal information: Click to read the legal information.
- Model / Version / Software version / Netflix ESN / Android security patch level / Kernel version / Build: View related menu information.

Date & time

- Automatic date & time: Use network-provided time. You can also set the current time manually when Off
 is selected.
- Set date: Set the date.
- Set time: Set the time.
- Set time zone: Select your time zone.
- Use 24-hour format: Set the time to display in a 12 or 24-hour format.

Timer

- Power on time type: Set the type Off, On, Once.
- Auto power on time: Set the clock for the time you want the TV to turn on automatically.
- Power off time type: Set the type Off, On, Once.
- Auto power off time: Set the clock for the time you want the TV to turn off automatically.

Language

Adjust the default Language settings for the TV.

Keyboard

Adjust the default settings for the keyboard.

Inputs

You can see the state of devices that the TV connected: Connected Input, Standby Inputs and Not connected Input etc.

Consumer Electronic Control (CEC)

- HDMI control: Allow the TV to control HDMI devices.
- Device auto power off: Power off HDMI devices with the TV.
- TV auto power on: Power on the TV with HDMI device.
- CEC device list: You will see the CEC device list if the TV access CEC device.

→ NOTES

- · HDMI cables must be used to connect HDMI CEC-compatible devices to your TV.
- · The HDMI CEC feature of the connected device must be turned on.
- If you connect an HDMI device that is not HDMI CEC-compatible, all the HDMI-CEC Control features do not work.
- · Depending on the connected HDMI device, the HDMI-CEC Control feature may not work.

Device Preferences

Power

- Sleep timer: Set the sleep timer to automatically turn the TV off within a specified time: Off, 10 minutes, 20 minutes, 30 minutes, 40 minutes, 50 minutes, 60 minutes, 90 minutes and 120 minutes.
- Picture off: When you select this option, the screen will not display the picture. You can only listen the audio. Press any button except the [(¹)] button, [VOL+ /] buttons and [□ 💢] / [□ 🕵] button to restore operation.
- **Switch off timer:** Set the timer to automatically turn the TV off within a specified time: Off, 30 minutes, 60 minutes, 90 minutes, 120 minutes, 150 minutes, 180 minutes, 210 minutes and 240 minutes.
- No signal auto power off: You can set how long after no signal, the TV will automatically shut down.

Picture

- Picture mode: If you'd like to configure the settings for your picture, then there are seven types of picture
 modes available: User, Standard, Vivid, Sport, Movie, Game, and Energy saving
- Auto backlight: You can set to Off, Low, Middle or High.
- Backlight: Adjust backlight Level to change the overall brightness of the screen.
- Brightness: Adjust the Brightness level to generate lighter or darker images.
- Contrast: Adjust the Contrast level to increase or decrease how bright images appear.
- Saturation: Adjust the saturation of color settings.
- HUE: Adjust the hue of color settings.
- Sharpness: Adjust how sharp or soft edges of images appear.
- Gamma: Adjust the Gamma to alter how the TV will respond to the grayscale content.
- Colour temperature: Select a preset color temperature. Adjust how warm(red) or cool(blue) the white areas of an image appears.
- Advanced video: Advanced settings for video.
- Colour tuner: Adjust the color tuner settings.
- 11 point white balance correction: Adjust the intensity of red, green and blue lights to view the true colors of all images in the picture.
- Reset to default: Reset current picture settings to factory mode.

Sound

- System sounds: Select System sounds On or Off.
- Sound style: Select a preset sound mode to suit the type of content you are listening to: User, Standard,
 Vivid, Sports, Movie, Music, News.
- Balance: Adjust the left and right speaker strength to optimize audio for a specific location.
- Equalizer detail: Boost the volume at different frequencies.
- ARC: Set up TV Speakers or External Audio System.
- Digital output: Select the digital audio output format that best suits the audio device type. Choose PCM if
 you have an amplifier that does not support Dolby Digital technology.
- SPDIF delay: Adjust SPDIF Delay.
- Auto volume control: Turn on or off the Auto Volume Control.
- DTS-StudioSound: Enable DTS-StudioSound.
- Reset to default: Reset current audio settings to factory mode.

Device Preferences

Storage

See the information of the Internal shared storage.

Home screen

- Customize channels: Add or delete the app icon from Home screen.
- Enable video previews: Enables or disables the video previews.
- Enable audio previews: Enables or disables the audio previews.
- Reorder apps / Reorder games: Rearrange the Apps screen.
- Android TV Home / Android TV core services: See the information of open source software licences.

Retail mode

Turn on or off Retail mode.

Google

You can view permissions about accounts and limit the search results.

Chromecast built-in

You can view Open-source licenses and Version number.

Screen saver

Enable and set Screen saver when the TV is idle.

Location

Your TV can use different modes to access location information. Each mode uses different sources to estimate the TV's location.

Usage & Diagnostics

Help improve Android performance by automatically sending diagnostics information.

Accessibility

- Audio description: Choose to leave the Audio Description feature On or Off.
- Visually impaired: You can set Visually Impaired On or Off. The function can be used to meet the needs of visually impaired people.
- Hearing impaired: You can set Hearing Impaired On or Off. The function can be used to meet the needs of hearing impaired people.
- Captions: Displays and sets the TV closed captions.
- High-contrast text: Improves contrast for visually impaired. The function can be used to meet the needs of visually impaired people.

Reset

Reset your TV back to the factory default.

Advanced Features

Getting familiar with the Home screen

The simple design of the Home screen menu makes it easy to navigate. And you can easily add or delete applications in the Home interface according to your needs.

To access the Home screen, press the [\bigcirc] button on your remote control and use the D-pad to make your selection.

Indicators and Icons on the top of the Home screen

- Google Assistant: You can search movies, TV, and more by speaking.
- Google Search: You can search movies, TV, and more by typing.
- Notifications: Notifications can come from the system, an external device, an application, the media player etc.
- Inputs: Select the Input source depending on the device you have connected to your TV.
- Connected/Disconnected: Show whether the network is connected.
- Settings: Settings lets you configure the TV, set app options, add accounts, and change other preferences.
- Time: You can always view the current time on the Home screen.

Names of sections that appear on the Home screen

The Home screen displays the following section names:

- Apps
- Trending
- Featured

■ NOTE

· Names of sections will change according to Google's software.

Advanced Features

Apps

Numerous factory-installed apps are available for you to choose from for your entertainment preferences.

Installing an App

To install an app:

- 1. From the Home screen, click on the **Apps** and select the **Get more apps**.
- 2. Use the navigation buttons on your remote to select the app that you want to install.
- 3. Click on INSTALL.

Removing an App

You can only delete apps that you've installed to the TV. Factory-installed apps can not be deleted.

To delete an app:

- 1. From the Apps screen, use the navigation buttons on your remote to select the app that you want to remove. Long press the **[OK]** button on your remote.
- 2. Click on Uninstall.
- 3. A dialog message displays that asks do you want to uninstall this app. Confirm and the icon is removed from the Apps screen.

→ NOTE

If an app is deleted, the information related to that app is also removed.

Moving App Icons around

To move an app:

- 1. From the Apps screen, use the navigation buttons on your remote to select the app that you want to move. Long press the **[OK]** button on your remote.
- 2. Click on Move.
- 3. Use the navigation buttons on your remote to move the location of app. Press the [OK] button to confirm.

Advanced Features

MultiMediaPlayer

MultiMediaPlayer is a central location for you to view or listen to different types of content (for example, your photos, music and movies) through the following methods:

· A USB thumb drive or hard drive.

File formats that may be supported

→ NOTE

 Due to differences in programming tools and other factors, some of the file formats that are listed may or may not be supported.

Medium	File Format	
Video	.avi (Mpeg2, H.264), .mkv (H.264, H.265), .mpg (Mpeg2), .ts (H.264, H.265)	
Picture	.jpg	
Music	.mp3	

Browsing Content

• When your USB device is connected to the TV that doesn't show Media page, press the [_] button on your remote, and browse down to select **MultiMediaPlayer**.

To browse through content based on the type that you wish to access:

- 1. Navigate to the appropriate menu tab on the screen and select Video, Photo, Music or Text.
- 2. Click on the name of the folder that contains your content.
- 3. Make your selection to play or view the content.

If you want to close out of the **MultiMediaPlayer** center, then press the [←] / [←] button on your remote.

Other Information

Troubleshooting

If the TV does not operate as usual or appears to be faulty please read carefully this section. Many operational issues can be resolved by users.

It is also advisable to unplug the TV from the AC socket on the wall for 60 seconds or more, then reconnect and start again. This simple procedure helps in restoring stable conditions for electric circuits and firmware of the unit.

Please contact Manufacturer Customer Care if the problem is unresolved or you have other concerns.

SYMPTOMS	POSSIBLE SOLUTIONS
No sound or picture.	 Check if the power cord is plugged into a powered AC outlet. Check to see if the LED light is on or not. If it is, then the TV is receiving power.
I have connected an external source to my TV and I get no picture and/or sound.	 Check for the correct output connection on the external source and for the correct input connection on the TV. Make sure you have made the correct selection for the input mode for the incoming signal.
When I turn on my television, there is a few second delay before the picture appears. Is this normal?	Yes, this is normal. That is the TV searching for previous setting information and initializing the TV.
Picture is normal, but no sound.	Check the volume settings.Check if the TV is muted.
Sound but no picture or black and white picture.	 If black and white picture first unplug TV from AC outlet and replug after 60 seconds. Check that the Color is set to 50 or higher. Try different TV channels.
Sound and picture distorted or appear wavy.	 An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. Insert the power plug of the TV set into another power outlet.
Sound and picture is blurry or cuts out momentarily.	 If using an external antenna, check the direction, position and connection of the antenna. Adjust the direction of your antenna or reset or fine tune the channel.
Horizontal/vertical stripe on picture or picture is shaking.	Check if there is interfering source nearby, such as appliance or electric tool.
The plastic cabinet makes a "clicking" type of sound.	"Click" sound can be caused when the temperature of the television changes. This change causes the television cabinet to expand or contract, which makes the sound. This is normal and the TV is OK.

Other Information

Remote control does not work.	 Confirm that TV still has power and is operational. Change the batteries in the remote control. Check if the batteries are correctly installed.
Smart Television with wireless network capability Wi-Fi fail to join a local network.	 Configure the local wireless router or access point for WPA-PSK security before attempting to connect the TV to the Wi-Fi network. Follow instruction in the User Manual of the television to setup a wireless connection