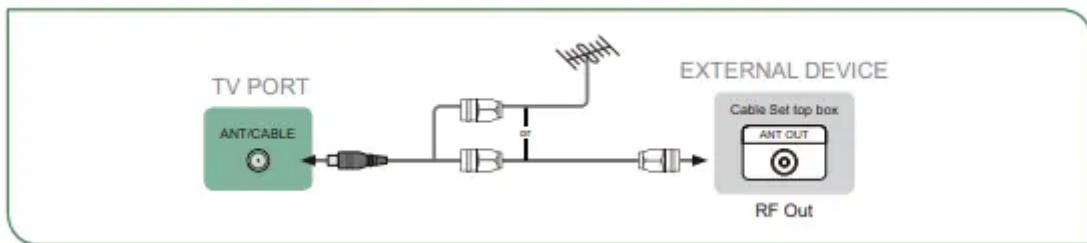


Connecting Devices to your TV

Connecting an antenna, cable set-top box or satellite receiver

To connect an antenna, cable set-top box or satellite receiver:

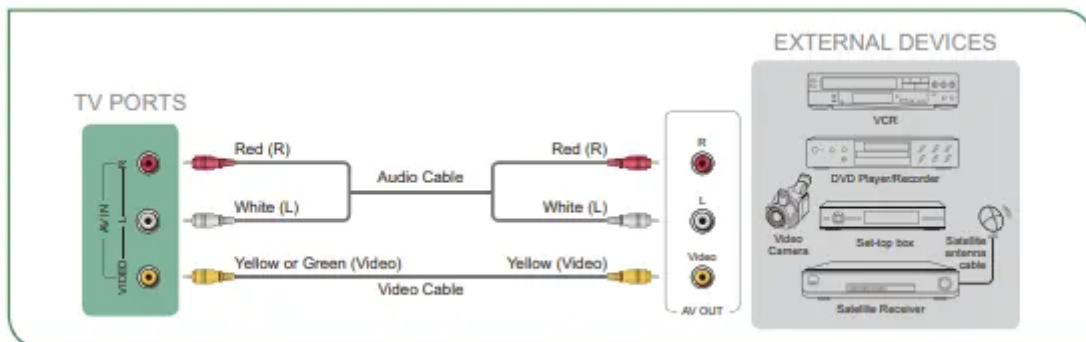
1. Connect one end of a coaxial cable (not included) to the RF OUT port on the antenna, cable or satellite box. If you are using an antenna with twin-lead cable, you may need a 300-75 Ohm adapter (not provided) to connect it to the back of your TV. Likewise, if you are using several antennas, you may need a combiner (not provided).
2. Connect the other end of the cable to the ANT/CABLE port on the side of TV.
3. Using your remote, press the [INPUT] button and select ANT/CABLE as the input source.



Connecting a satellite receiver, DVD player or other audio visual (AV) device with a composite video cable (yellow/red/white)

To connect an AV device with a composite video cable (not provided):

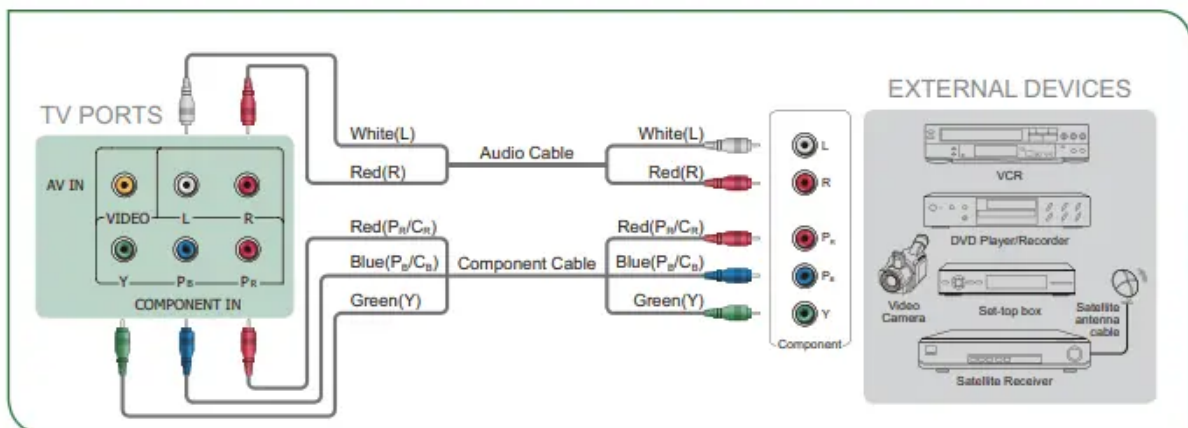
1. Use the audio and video cables to connect the composite video/audio ports of the external AV device to the **AV IN** ports of the TV. (Video = yellow, Audio Left = white, and Audio Right = red)
2. Plug the connected devices into the AV connectors on the TV before switching it on.
3. Using your remote, press the [INPUT] button and select AV as the input source.



Connecting an AV device with a component video cable (red/blue/green)

To connect an AV device with a component cable (not provided):

1. Use a component video cable to connect the component output ports of the external device to the **Y P_B P_R** ports for the TV. (Y = green, PB = blue, and PR = red). Use an audio cable to connect the component audio ports of the external device to the TV **AUDIO (L/R)** ports.
2. Plug the connected devices into the **Y P_B P_R** and **L/R** ports on the TV before switching it on.
3. Using your remote, press the [**INPUT**] button and select **COMPONENT** as the input source.



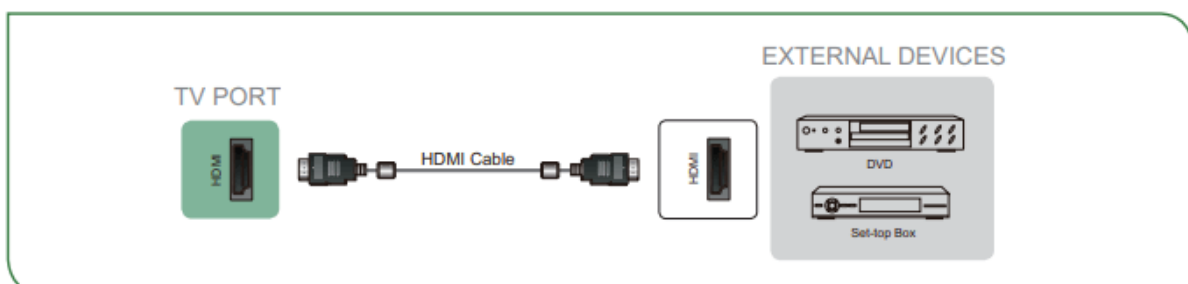
Connecting an AV device with an HDMI cable

This 4K TV has three high-powered HDMI version 2.0 inputs that enable you to connect 4K Ultra-HD external devices. For example, if you have an X-box or Blu-ray player that supports the 2.0 standard, more details will be transmitted to the TV screen to maximize your entertainment experience.

Please refer to the User Manual that came with your device for step-by-step instructions.

To connect an AV device with an HDMI cable (not provided):

1. Use an HDMI cable to connect the HDMI output port of the AV device to the **HDMI** port of the TV.
2. Plug the connected devices into the **HDMI** port on the TV before switching it on.
3. Using your remote, press the [**INPUT**] button and select the corresponding **HDMI** input.



Connecting a headphone

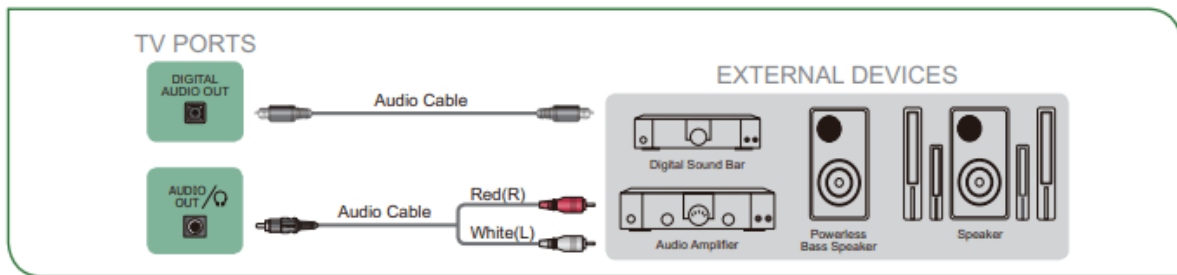
You can connect headphone (not provided) to the AUDIO OUT port on your TV. While the headphone is connected, the sound from the built-in speakers will be disabled



Connecting speakers or other audio receivers

To connect speakers or other audio receivers with an audio cable (not provided):

1. Use an audio cable to connect the digital audio in port of the audio receiver device to the DIGITAL AUDIO OUT port of the TV. Another option is to use an RCA Y-cable (1/8"-stereo mini to L/R phono) to connect an analog sound system to the AUDIO OUT port of the TV.
2. Plug the connected devices into the main power socket before switching on the TV.



- **TIP:** If you prefer to use Audio Return Channel, then see [Connecting a digital sound bar to use Audio Return Channel \(ARC\)](#).

NOTES

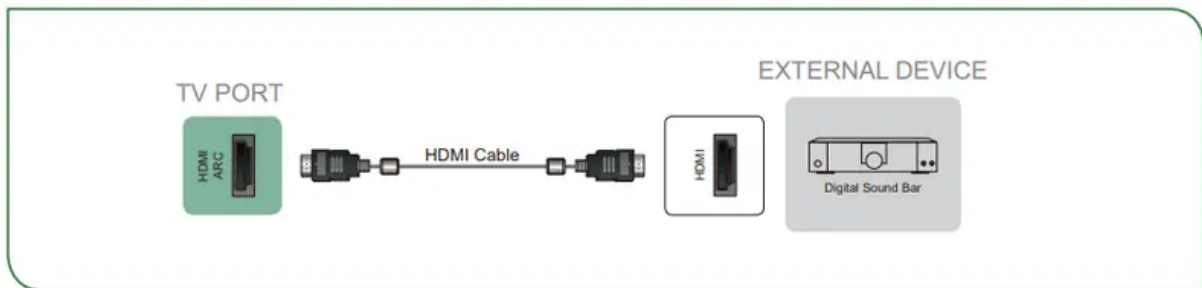
- When a digital audio system is connected to the DIGITAL AUDIO OUT port, decrease the TV and system volume.
- 5.1 CH (channel) audio is available when the TV is connected to an external device that supports a 5.1 channel surround sound.
- You can receive 5.1 channel audio in one of two ways. The first way is to connect the DIGITAL AUDIO OUT port from the device to the Amplifier. The second way is to connect the DIGITAL AUDIO OUT port on the back of the TV to the Optical port on the Amplifier. After you've completed one of the two methods then be sure to go into the Advanced Audio Settings of the TV and select RAW to receive the 5.1 channel audio. You will need to also go into the sound or audio settings of your device to ensure it is set to 5.1 Channel output. It may read 'Bitstream', 'RAW' or 'Digital'.

Connecting a digital sound bar to use Audio Return Channel (ARC)

If you'd like to use the Audio Return Channel (ARC) feature to have sound sent from the TV back down an HDMI cable to a digital sound bar, then you will need to connect the cable to the HDMI / ARC port. By using this feature, you will also be able to control the sound bar with your TV remote instead of having to use multiple remotes for each device.

To connect a digital sound bar with an HDMI cable (not provided):

1. Connect the cable that's attached to the sound bar to the **HDMI / ARC** port on the TV.
2. Turn on the sound bar by pressing the Power button.
3. Press the **≡** button on your remote and press the [**^**] button of your remote to select **Settings** and then press **OK** to enter the Settings menu, go to **System > HDMI-CEC**.
4. Turn on the **HDMI-CEC** setting.



Connecting a USB device

You can connect the USB devices such as hard drives, USB sticks and digital cameras for browsing photos, listening music and watching recorded movies.

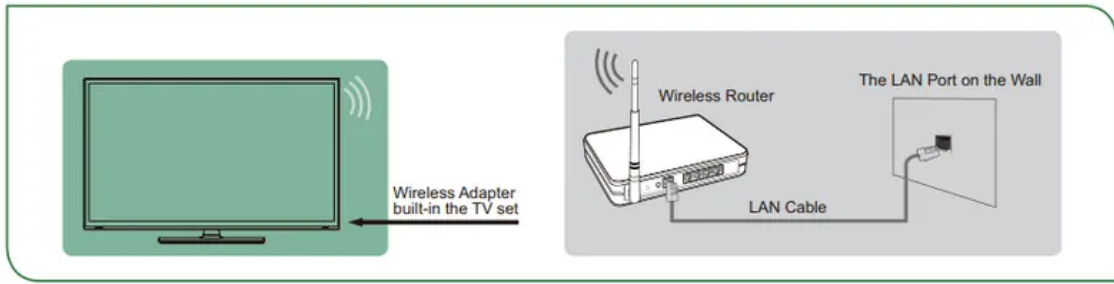
1. Connect a USB device into the **USB** port.
2. Select the Media type on the **Media** screen or Home screen. For more information, see [Media](#).



Connecting Your TV to a Wireless or Wired Network

Connecting to a wireless network

Our built-in wireless LAN adapter supports the IEEE 802.11 ac/b/g/n communication protocols and we recommend that you use an IEEE 802.11n or IEEE 802.11ac router. When you play a video over an IEEE 802.11 b/g connection, the video may not play smoothly

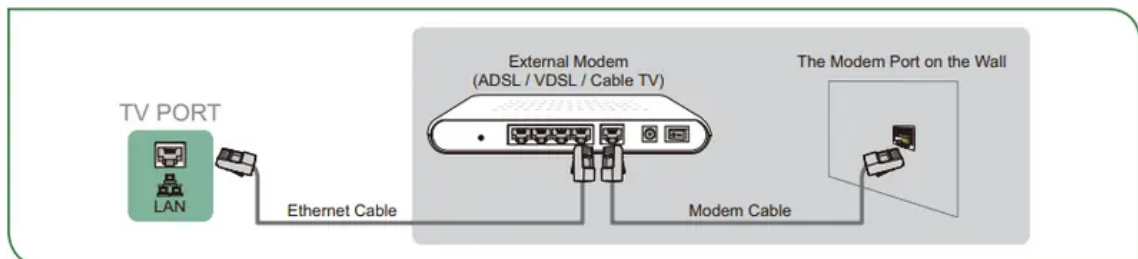


NOTES

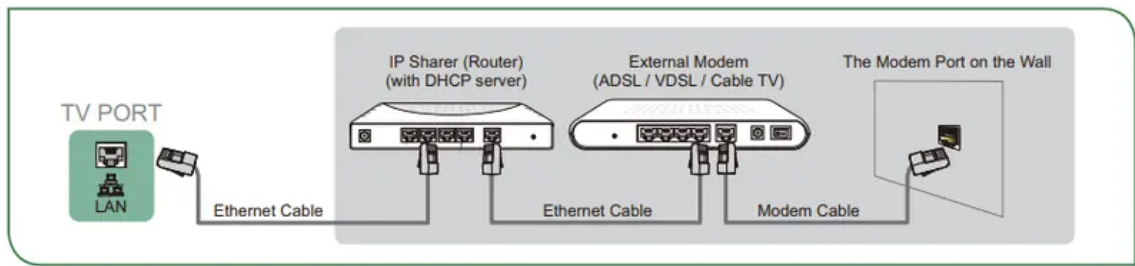
- You must use the built-in Wireless LAN Adapter to use a wireless network because the set does not support an external USB network adapter.
- To use a wireless network, your TV must be connected to a wireless IP sharer. If the wireless IP sharer supports Dynamic Host Configuration Protocol (DHCP), your TV can use a DHCP or static IP address to connect to the wireless network.
- Select a channel for the wireless IP sharer that is not currently being used. If the channel set for the wireless IP sharer is currently being used by another device nearby, this will result in interference and communication failure.
- If you apply a security system other than the systems listed below, it will not work with the TV.
- If Pure High-throughput (Greenfield) 802.11N mode is selected and the Encryption type is set to WEP, TKIP or TKIP-AES (WPS2 Mixed) for your Access Point (AP), then the TV will not support a connection in compliance with these Wi-Fi certification specifications.
- If your access point (AP) supports Wi-Fi Protected Setup (WPS), you can connect to the network via Push Button Configuration (PBC) or PIN (Personal Identification Number). WPS will automatically configure the SSID and WPA key in either mode.

Connecting to a wired (Ethernet) network

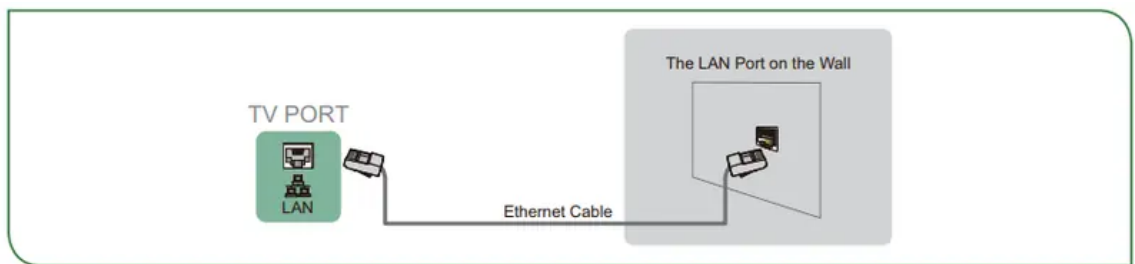
Option 1: You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an external modem using a Cat 5 LAN cable. See the illustration below.



Option 2: You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an IP Sharer which is connected to an external modem. Use an Ethernet cable for the connection. See the illustration below.



Option 3: Depending on how your network is configured, you may be able to attach your TV to your LAN by connecting the LAN port on the back of your TV directly to a network wall outlet with an Ethernet cable. See the diagram below

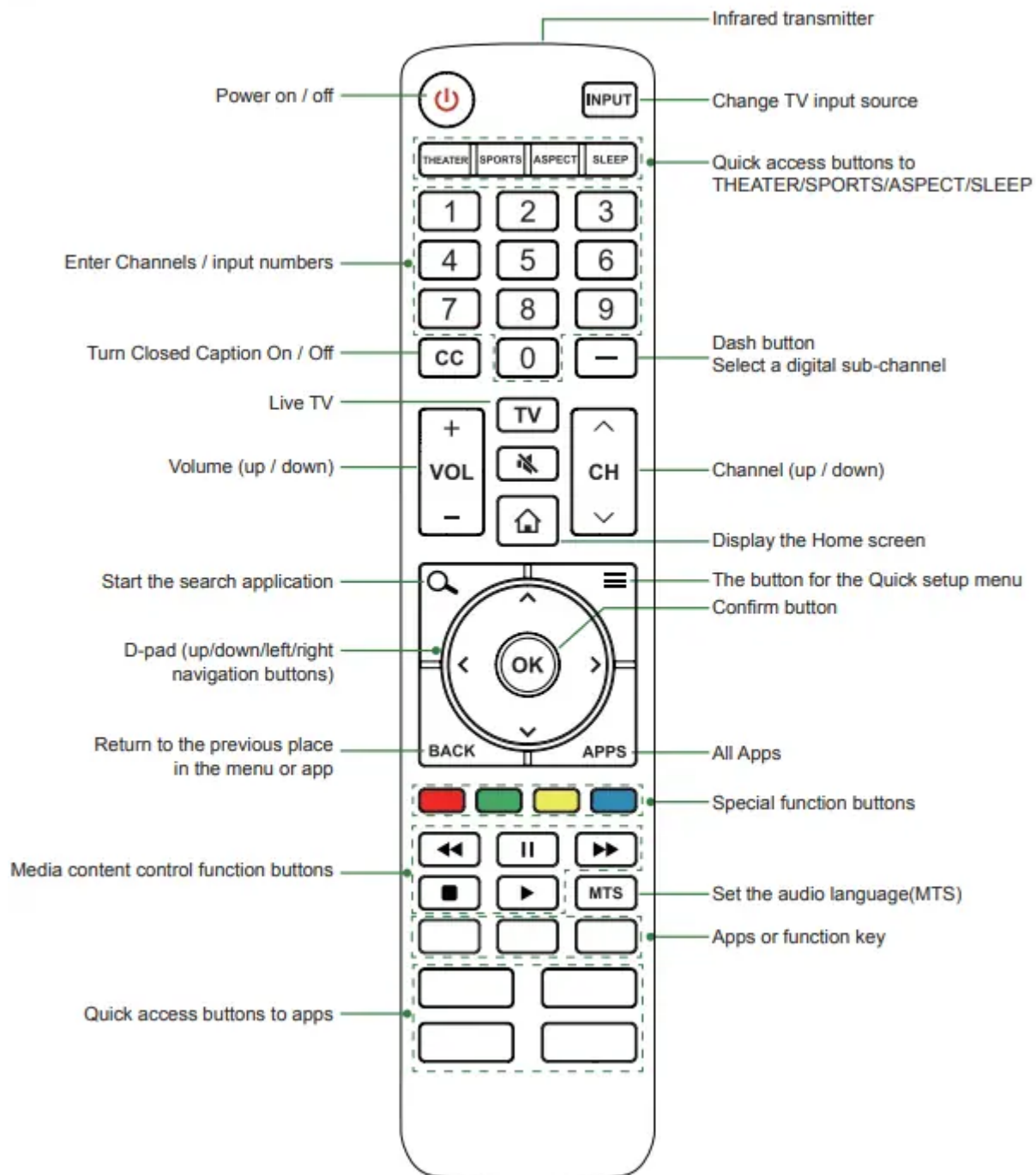


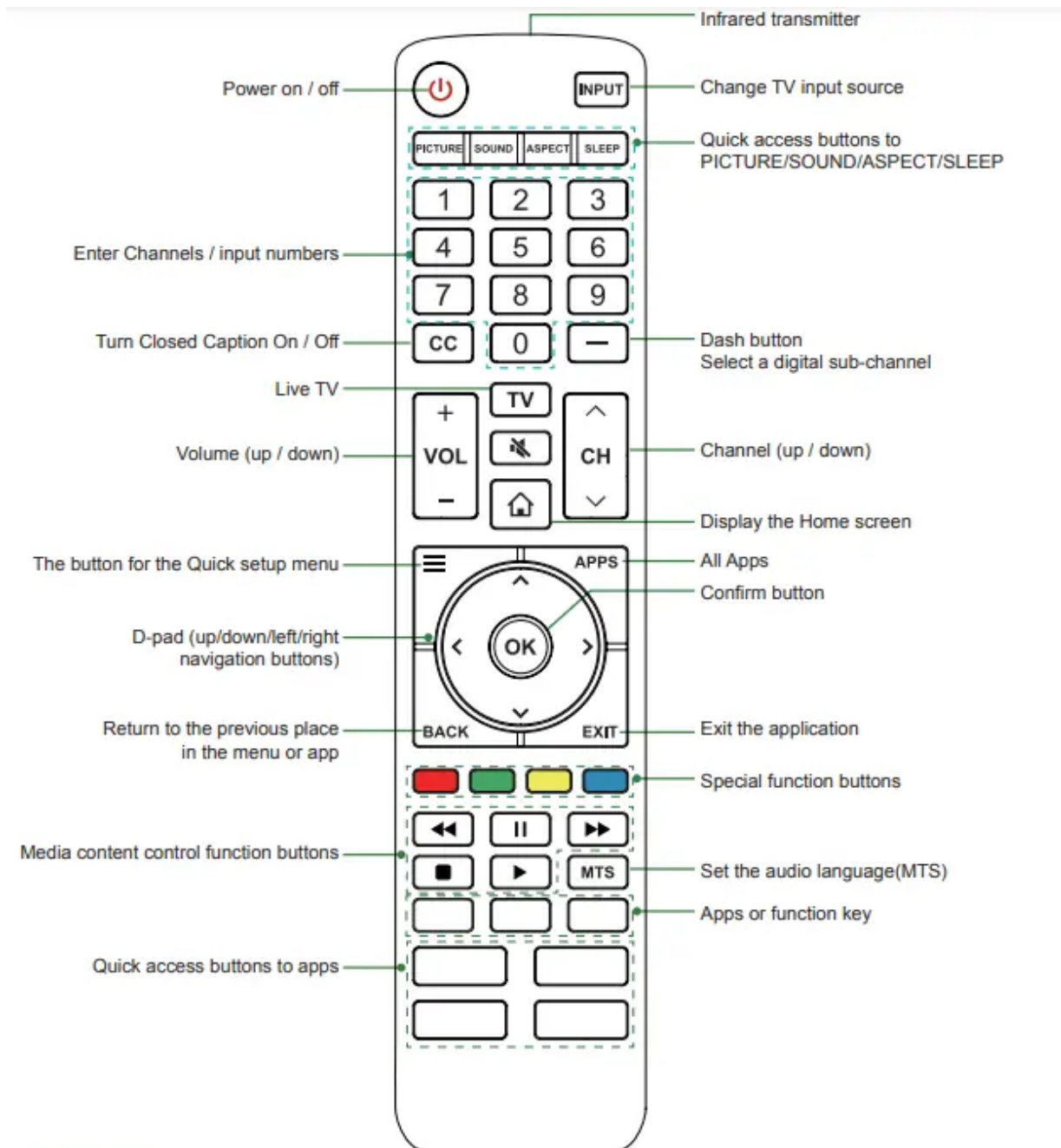
If you have a Dynamic Network, you should use an ADSL modem or router that supports Dynamic Host Configuration Protocol (DHCP). Modems and routers that support DHCP automatically provide the IP address, subnet mask, gateway, and DNS, so you don't have to enter them manually. Most home networks are Dynamic Networks.

Some networks require a Static IP address. If your network requires a Static IP address, you must enter the IP address, subnet mask, gateway, and DNS values manually on your TV's Cable Setup Screen when you set up the network connection. To get the IP address, subnet mask, gateway and DNS values, contact your Internet Service Provider (ISP).

Using Your TV Remote Control

Buttons on your TV remote





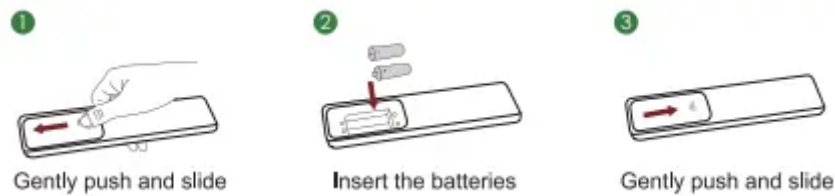
NOTE: Check information according to the actual remote control in the accessory bag.

Remote control range information

- The remote control can work at a distance of up to 26 feet in front of the TV set.
- It can work at a 30 degree horizontal or vertical angle.

Begin using your remote

1. Slide the back cover to open the battery compartment of the remote control.




2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.

3. Replace the battery compartment cover.

NOTES

- Discard batteries in a designated disposal area. Do not throw them into a fire.
- Remove old batteries immediately to prevent them from leaking into the battery compartment.
- If you do not intend to use the remote control for a long time, remove the batteries.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin then wash it immediately.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (NiCd, NiMH, etc.) batteries.
- Do not continue using the remote if it gets warm or hot.
- Call our Support Center immediately on the support website.

Completing the First-Time Setup Menu

Press the  button on the remote to turn on the TV.



After the splash screen that displays the logo appears, begin the first-time setup menu.

- **Language and Location** - Using the D-pad arrows of your remote, choose your Language, Region and Time Zone.
- **End User License Agreement** - Choose Decline or Agree. If you choose Agree, then select Continue icon and press [OK].
- **Usage Mode** - Select Home Mode(which appears by default). **NOTE:** Store Mode and Store Mode(Video Demo Only) should only be selected by Retailers who plan to demonstrate the TV.
- **Network Connection** - If your TV does not automatically detect an Ethernet connection, then use a wireless network. Select your network from the list that displays, input the password. Also you can add a hidden network.

- **Product Registration** - Register to stay up-to-date with news and updates about your TV.
- **Last step of TV setup** - You are at the last step of TV setup. If you have not connected network, you can select 'Set up network' or 'Use without network'. If you have connected network, Congratulations! You have completed TV setup. Start to use.

Shortcuts Instructions

Turning your TV on or off

- To turn your TV on:
 1. Connect the power cord to the back of the TV, then plug the power cord into an AC outlet.
 2. When the TV is powered on, press the  button on the remote to turn on TV.
- To turn your TV off, press the  button on the remote.

NOTES

- When your TV is in standby mode, it is still consuming power. To completely disconnect power, please remove the plug from the AC outlet.
- 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 D-pad arrows of your remote to select the input source.
3. Press the **[OK]** button to confirm your selection.

Using the Live TV

To view broadcast programs, press the **[TV]** button on your remote.

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

Launch Live TV: After channel tuning is done for the first time, the screen will display Live TV operating tips, including: how to load the channel list, how to Load info Bar and so on.

- **[Menu]** Load more functions

- [OK] Load Channel List
- [^] Load Info Bar
- [BACK] Load previous channel

Viewing channel information: As you use the [CH ^ / CH v] button on your remote to scroll through channels, an information banner appears on the top of the screen.



The information banner displays the following information:

1. Channel number
2. Lock status
3. Input
4. Program name
5. Show identification
6. Channel name
7. Current date and time
8. Beginning and end time of the next program
9. Start/Stop time progress bar of the current program
10. Prompt

Viewing a channel list: After you have done an automatic channel scan (if you're using an antenna) or are receiving your channels through a cable provider, you can view your list of channels by pressing [OK] on your remote. You will see the channel list display on the right side of the screen.

Creating a Favorite List: To quickly access your most-watched channels, you can create a Favorite List. To create your Favorite List:

1. Press the [≡] button on your remote.
2. Press the [v] button to select Settings, and then press [OK] button to enter the Settings menu.
3. **Select Channel > Favorite List.**
4. Using the [^ / v] buttons of your remote, select a channel and press [OK] button. A heart-shaped indicator will appear beside the channel as confirmation that it has been successfully added.

Viewing your Favorite list: To view channels that you've added to your Favorite List simply press [OK] on your remote to call out the channel list. The channel list appears on the right side of the screen and heart-shaped icons are shown next to the channels that make up your Favorite List. You can press [< / >] buttons to switch the channel list (**Antenna** or **Cable**), **Favorite** and **History** list.

Basic Settings

Using the Settings Menu

You can press the [≡] button to access the **Menu**, press the [v] button on the D-pad to select Settings, and then press [OK] button to enter the **Settings** Menu. The **Settings** Menu consists of the following settings:

- Picture
- Sound
- Network
- Channel
- Accessibility
- System
- Support

In each menu, you can:

- Press the [v / v] buttons to select an item.
- Press the [OK] buttons to enter the sub-menu or to set on or off. Press the [< / >] buttons to adjust the value.
- Press the [BACK] button to return to the previous menu.
- Press the [EXIT] button to exit the menu.

Picture Menu

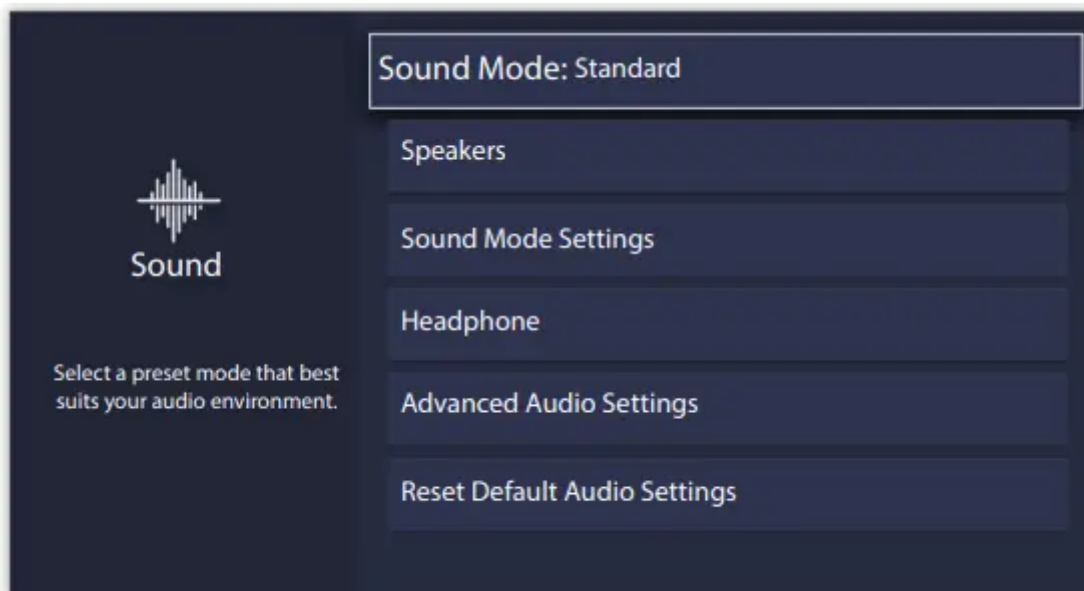


- **Picture Mode:** Select a preset mode that best suits your preference and viewing environment, there are some types of picture modes available: Vivid, Standard, Energy Saving, Theater, Game, Sports and Calibrated.
- **Picture Size:** Adjust the picture aspect ratio based on the content you are watching. You can choose from the following settings: Auto, Normal, Zoom, Wide, Direct, Dot-By-Dot, Panoramic or
- Cinema.
- **Picture Mode Settings:** Customize selected Picture Mode.
 - **Apply Picture Settings:** Remember customized settings when using the Picture Mode on current source or all sources.
 - **Backlight:** Adjust Local Dimming, Backlight Level, Automatic Light Sensor and Minimum Backlight to change the overall brightness of the screen. **NOTE:** Some models don't support the function of Local Dimming.
 - **Contrast:** Increase or decrease contrast between light and dark colors.
 - **Brightness:** Adjust the Brightness level to generate lighter or darker images.
 - **Color:** Adjust the color intensity level.
 - **Tint:** Adjust the colors from green to magenta tint to view the natural skin tones of people on the screen.
 - **Sharpness:** Improve sharpness of the picture edges.
 - **Overscan:** Turn on if you are receiving analog antenna or cable input.
 - **Color Temperature:** Adjust the white color shade.
 - **Motion Enhancement:** This setting minimizes afterimages that are left on the screen when viewing fast-moving objects. You can adjust it from Smooth,

Standard, Clear, Film, Custom or Off. A Smooth setting will produce a smoother picture whereas a Clear setting will result in a picture that has less judder (shaking). **NOTE:** Some models don't support the function of Motion Enhancement.

- **Digital Noise Reduction:** Improve picture clarity by reducing video noise.
- **HDMI Dynamic Range:** Select Limit for 480p DVD players and select Full for Blu-ray.(HDMI mode only)
- **Active Contrast:** Automatically adjust contrast according to video content to improve detail.
- **Expert Settings:** Adjust the color space and Gamma to best suit the content you're viewing.
- **Reset picture settings:** Reset all picture settings to factory default.

Sound Menu



- **Sound Mode:** Select a preset mode that best suits your audio environment: Standard, Speech, Late Night, Music, Theater and Sports.

Set the sound effects to suit your preference.

Configure your audio settings for your sound preferences. Once you choose the mode, you can adjust the audio based on the following settings:

- **Speakers:** Switches the sound from the TV speakers to Optical or HDMI ARC output connectors.
 - Speakers: Switches the sound from the TV speakers to Optical or HDMI ARC output connectors.

- Digital Audio Out: Select the digital audio output format for your external audio device. For example, choose RAW (which is uncompressed audio in RAW form) if you have 5.1 Channel Surround Sound Speaker set up. Choose PCM if you have an amplifier that does not support Dolby Digital technology.
- Digital Audio Delay: Adjust the digital audio output delay time to sync sound from an external speaker with the images on the TV.
- Lip Sync: Synchronize the displayed image with the audio output.
- Balance: Emphasizes sound from the left or right speaker.

- **Sound Mode Settings:**

- Bass Boost: Bass Boost uses DTS TruBass™ to enhance the perception of bass frequencies to provide deep, rich bass response from the TV's internal speakers.
- Surround Sound: Surround sound uses DTS TruSurround™ to deliver an immersive surround sound experience from the TV's internal speakers.
- Dialog Clarity: Dialog Clarity uses DTS Dialog Clarity™ to boost the frequency range of the human voice so dialog is clearly understood and heard above audio or surround effects.
- Equalizer: Adjust low to high pitch sounds.
- Wall Mount setup: Improves sound for wall-mount position.

- **Headphone**

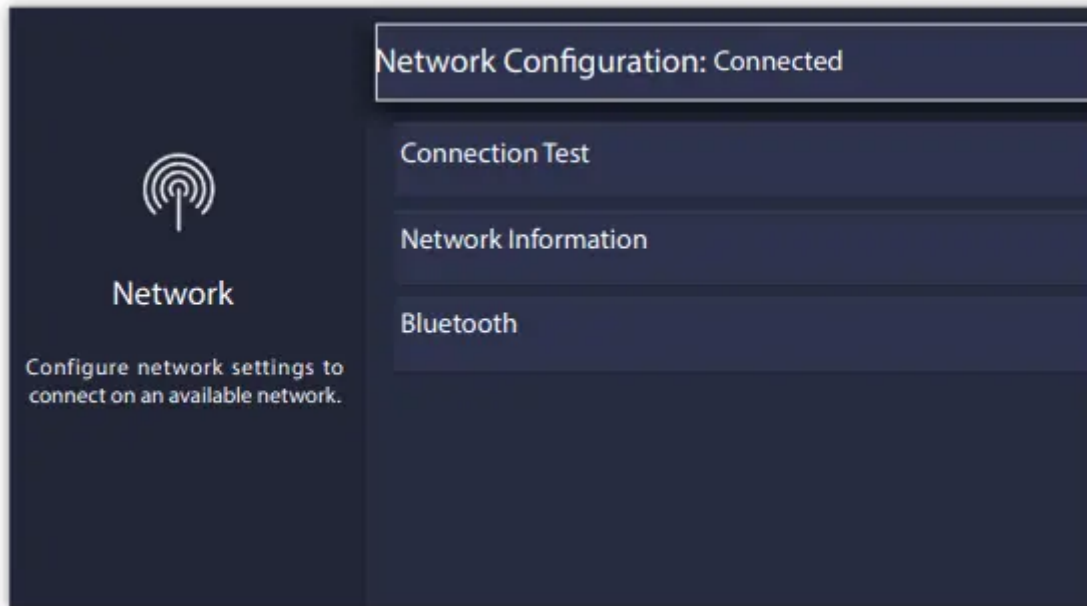
- Headphone Mode: Disable the TV speaker when you are using a sound bar, ARC or any other external audio amplifiers.
- Headphone Volume: Change the way audio is sent through the type of device that's connected to your TV Audio Out port.

- **Advanced Audio Settings:** Tune the audio settings and quality of the TV.

- Auto Volume Control: Activate to prevent the volume from changing when you switch TV channels.
- Preferred Audio Language: Set the audio language based on your preference. (The preferred language must be supported by the broadcaster.)

- **Reset Default Audio Settings:** Reset all of the Audio settings in current audio mode to the factory default values.

Network Menu



- Connection Test: Tests the status of your network connection.
- Network Information: View information about your network connection.
- Bluetooth: Connects to external devices via Bluetooth.
- Network Configuration: Configure network settings to connect to an available network.

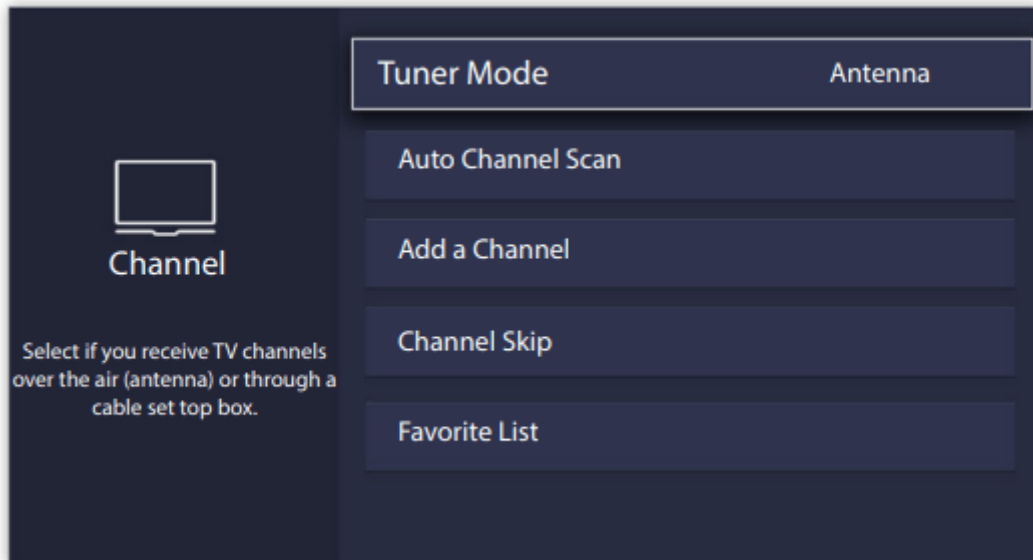
When the Connection Type is Wired LAN, means you choose a wired network connection to access the Internet.

- IP Settings: Most devices obtain an IP address automatically. Set an IP address manually if you do not have a router, or if your router does not assign IP addresses for you.

When the Connection Type is Wireless, means you choose a wireless network connection to access the Internet.

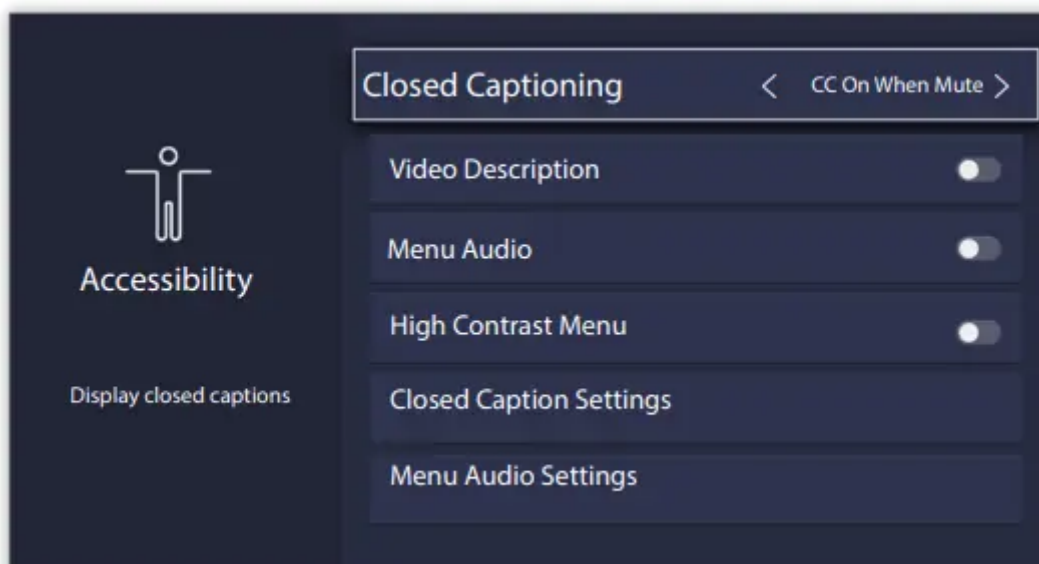
- Refresh: Refresh wireless network.
- Add: You can add wireless network.
- Advanced Settings: Configure the advanced wireless network settings for the TV.

Channel Menu



- Tuner Mode: Select if you receive TV channels over the air (antenna) or through a cable set top box.
- Auto Channel Scan: Automatically scan for channels.
- Add A Channel: Type in a channel to add it manually to your TV.
- Channel Skip: Skip selected channels from your Channel List.
- Favorite List: Add Channels to your Favorite List.

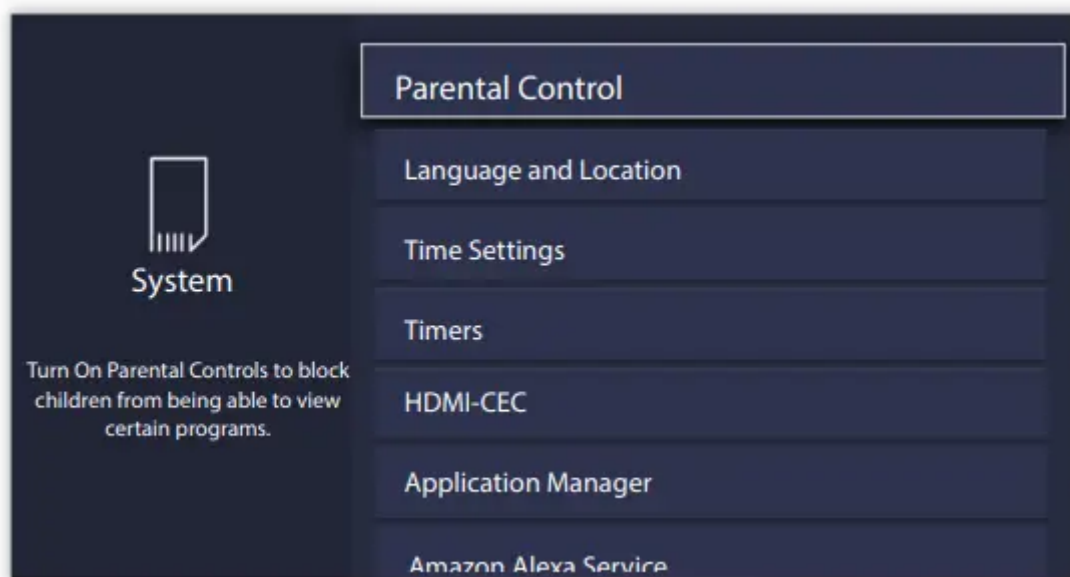
Accessibility



- Closed Captioning: Displays closed captions.
- Video Description: Enables broadcasted descriptive audio for visually impaired.
- Menu Audio: Reads the menu items for visually impaired.

- High Contrast Menu: Improves contrast for visually impaired.
- Closed Captioning Settings: Allows customization of closed caption text display.
 - Digital Caption: Select a Digital Caption setting: Off, CS1-CS6.
 - Digital CC Settings: There are two caption styles. One is the Automatic function set as the broadcaster, while the other is the Custom style where you can adjust the Size, Font, Text Color, Text Opacity, Background Color etc.
 - Analog Caption: Select an Analog Caption setting from Off, CC1-CC4, Text 1-Text 4.
 - **CC1-CC4:** Closed captioning appears in a small banner across the bottom of the screen. CC1 is usually the printed" version of the audio. CC2-CC4 display content provided by the broadcaster.
 - **Text1-Text4:** Closed captioning that covers half or all of the screen. Text1-Text4 display content provided by the broadcaster.
 - **Off:** To turn off the Analog Caption.
- Menu Audio Settings: Allow customization of spoken menu language. Before using the Menu Audio Settings, please turn on Menu Audio first.
 - Volume: Set the volume level of the spoken menu language.
 - Language: Selects the spoken menu language.
 - Rate: Changes the rate of speech.
 - Pitch: Changes the audio menu pitch.
 - Focus Menu Audio: Lowers the background volume when menu audio is spoken.

System Menu



- Parental Control: Turn On Parental Controls to block children from being able to view certain programs. The password is required to be set when you use this function for the first time. For more information about Parental Controls, See Parental Controls on page
- Location and Language: Select the language used for this TV and your location.
 - Language: Select the language used for this TV.
 - Keyboard Layout: Select a language to match your external keyboard.
 - Location: Select your location.
- Time Settings: Configure time and date.
 - Time Zone: Select your time zone.
 - Time Format: Display the time in a 12 or 24-hour format.
 - Daylight Savings: Turn on to apply Daylight Savings Time.
 - Date and Time: Select your preferred method of setting the time.
- Timers: Configures Sleep Timer, Power On Timer, Power Off Timer and Menu Timeout.
 - 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.
 - Power On Timer: Automatically turn the TV on at the set time.
 - Power Off Timer: Automatically turn the TV off at the set time.
 - Menu Timeout: Turn the menu off after the chosen amount of time : 10s, 20s , 30s, 60s or Off.



- HDMI-CEC: Control your TV and CEC-enabled devices with one remote.
 - HDMI-CEC: Turn on to control your TV and CEC-enabled devices with one remote.
 - Device Auto Power Off: Turns CEC-enabled devices off with the TV remote.
 - Device Auto Power On: The device with CEC function that is connected to current input will be powered on when TV is powered on.
 - TV Auto Power On: Turns the TV on with the remote of a CEC-enabled device connected with you TV.
 - CEC Device Lists: Allow connected devices to the HDMI ports to communicate back and forth with the TV.

- Application Manager: Play content from another device and remove this TV from your application accounts.
 - Anyview Stream: Allow to view videos, images and music shared from another device in your network
 - Wake on Wired LAN: An application on your second screen with Wake on Wired LAN will turn on your TV when you use the feature.
 - Wake on Wireless Network: An application on your second screen with Wake on Wireless will turn on your TV when you use the feature.
 - Netflix: Remove this TV from your Netflix account. Please contact Netflix if you want to stop being billed for your service
 - ESN: Display the Netflix Electronic Serial Number.
 - VUDU: Sign out and remove this TV from your list of authorized Vudu devices. (Only for some countries)

- Amazon Alexa Service: Use your voice to control the TV, other smart home devices, and more.
 - Amazon Alexa Service: Turn on and off Alexa service.
 - Amazon Alexa Service Setup: Set up accounts to use Alexa service.
 - Setup Checklist
 - Things to try

- Advanced Settings: Access the Advanced Settings menu.
 - TV Name: Choose a name for your TV. This is the name that appears on other device in your network.
 - Power LED: Set the power indicator light to On or Off during standby.



- Audio Only: Turn off the display when playing the audio. Press any button except the  button, Volume [+/-] buttons and  button to turn the display back on.
 - Input Names: Customize the name of your inputs.
 - Live TV Input: Change Live TV Input. Change the response channel of the TV button on the remote control
 - Screensaver: Enables Screensaver when the TV is idle.
 - Notifications Pop-ups: Activate to receive important system notification and latest content recommendations. View all notification on Home > Notifications. (Only for some countries)
 - Automatic Content Recognition: Provide useful information based on content that appears on your TV, i.e. popular TV shows.(Only for some countries)
 - Send Diagnostics and Usage: Send diagnostics and usage data to help improve product and service quality (No personal information is collected).
 - Usage Mode: Home Mode is optimized for in-home use. Store Mode is optimized for display in retail environments. Store Mode effects E-Streamer and other demo functions.
- Setup Assistant: Start the Setup Assistant if you want to set up your TV again

Support Menu




- System Info: View system information.
 - Signal Info: Show signal information of current input.
 - Network Connection: View your TV's network connection information.
 - Input Connections: View your TV's Input connection information.
 - About: View your TV's software version and hardware code.

- Self Diagnosis: Perform self diagnosis to test sound, picture and connections.
 - Picture Test: Perform this test to test your TV's picture.
 - Sound Test: Perform this test to test your TV's sound.
 - Network Test: Perform this test to test network connection.
 - Input Connection Test: Show all related information with external connections.
- End User License Agreement: Click to read the our terms and policy.
- Check Software Update: Check if your TV needs software update.
- Open Source License: Click to read Open Source License details.
- Software Update via USB: Update TV software using a flash drive connected to USB.
- Reset Advertising ID: Reset your advertising ID? You may still receive the same number of ads but they may not be relevant to your interests.(Only for some countries)
- Factory Reset: Reset your TV back to the factory settings.

Quick Problem-Solving Tips

When you experience an issue with your TV, turn it off and on again. If this does not resolve the problem, then refer to the tips below. If the problem is still not resolved, then contact us.

No sound or picture

- Check if the power cord is plugged into a powered AC outlet.
- Press the  button on the remote control to activate the unit from 'Standby' mode.
- 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 TV, there is a delay for a few seconds before the picture appears. Is this normal?

- Yes, this is normal. The TV is initializing and searching for previous setting information.

The picture is normal but there is no sound

- Check the volume settings.
- Check if 'Mute' mode is set to On.

Sound but no picture or black and white picture

- If the picture is black and white, unplug the TV from the AC outlet and replug it after 60 seconds.
- Check that the Color is set to 50 or higher.
- Try different TV channels.

The sound and/or picture is distorted or appears wavy

- An electric appliance may be affecting the TV. Turn off any appliances that are nearby and move it farther away from the TV.
- Insert the power plug of the TV set into another power outlet.

The sound and picture is blurry or cuts out

- 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.
- A horizontal or vertical stripe appears on the picture and/or the picture is shaking
- Check if there is an appliance or electric tool nearby that is causing interference.
- The plastic cabinet makes a clicking” type of sound
- The ‘click’ sound can occur 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.

A horizontal or vertical stripe appears on the picture and/or the picture is shaking

- Check if there is an appliance or electric tool nearby that is causing interference.

The plastic cabinet makes a “clicking” type of sound

- The ‘click’ sound can occur 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.

The 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.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

