

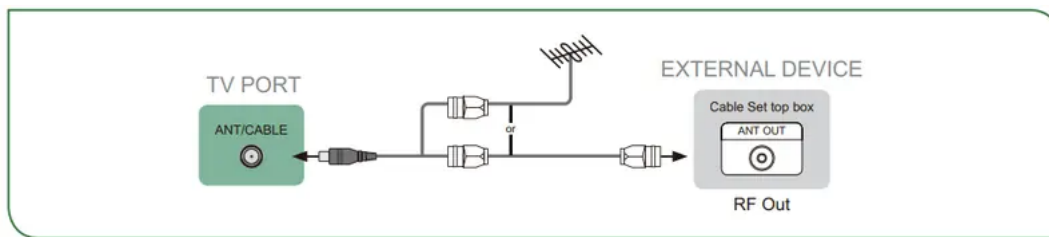
Connecting Devices to your TV

You have several options for connecting your TV to different devices. The method in which you connect will be based upon the type of cables you have and the available outputs on your device.

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

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

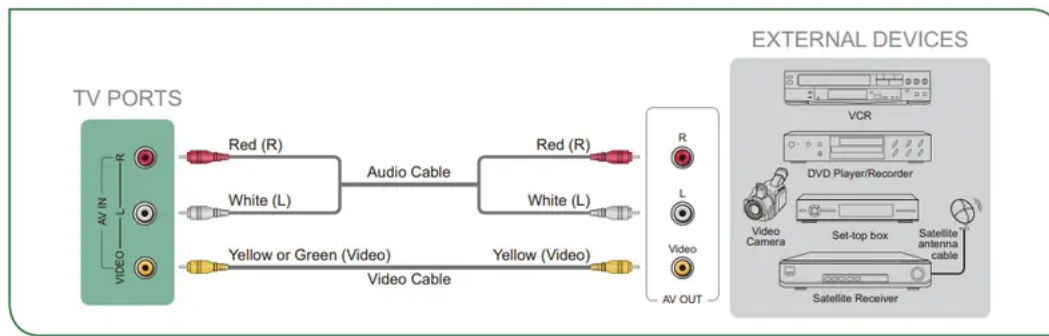
1. Connect one end of a coaxial cable (not included) to the **RF OUT** port on the antenna, cable or satellite box. If you are using an antenna with twin-lead cable, you may need a 300-75 Ohm adapter (not provided) to connect it to the back of your TV. Likewise, if you are using several antennas, you 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):

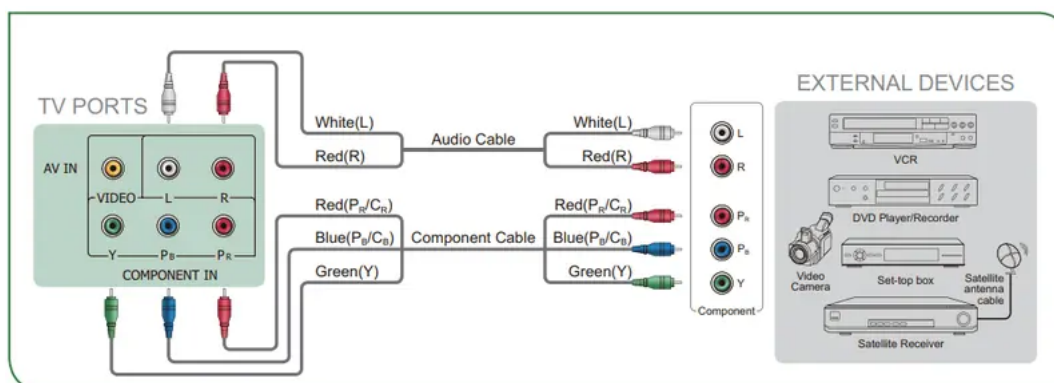
1. Use the audio and video cables to connect the composite video/audio ports of the external AV device to the **AV IN** ports of the TV. (Video = yellow, Audio Left = white, and Audio Right = red)
2. Plug the connected devices into the AV connectors on the TV before switching it on.
3. Using your remote, 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 YPBPR 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 YPBPR and L/R ports on the box 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

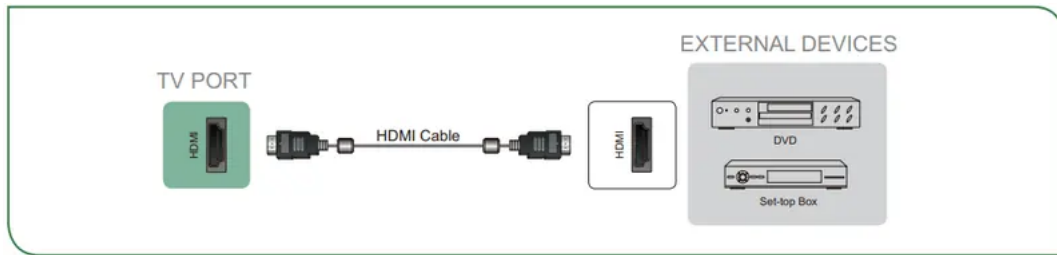
This 4K TV has three high-powered HDMI version 2.0 inputs that enable you to connect 4K Ultra-HD external devices. For example, if you have an X-box or Blu-ray player that supports the 2.0 standard, more details will be transmitted to the TV screen to maximize your entertainment experience.

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):

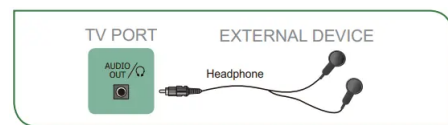
1. Use an HDMI cable to connect the HDMI output port of the AV device to the **HDMI** port of the TV.

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

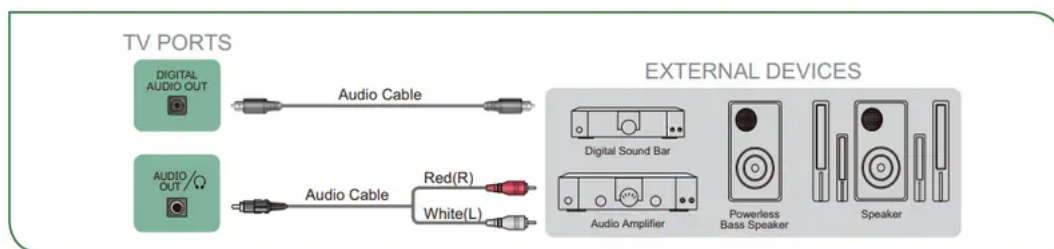
You can connect headphone (not provided) to the AUDIO OUT port on your TV. While the headphone is connected, the sound from the built-in speakers will be disabled.



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.





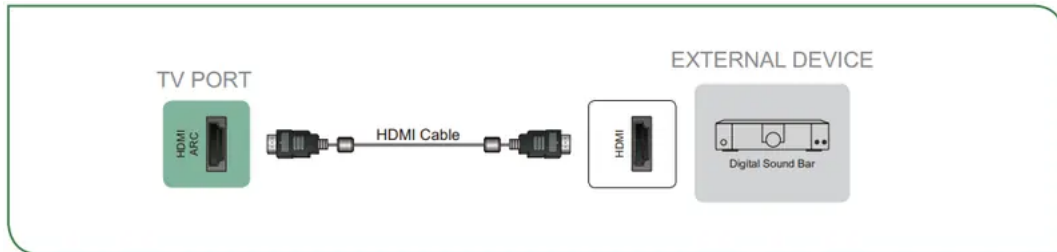
Connecting a digital sound bar to use Audio Return Channel (ARC)

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.

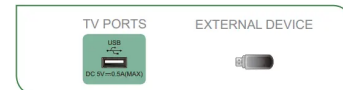
2. Turn on the sound bar by pressing the Power button.
3. Press the [] button on your remote and press the [] button of your remote to select **Settings** and then press **OK** to enter the Settings menu, go to **System > HDMI-CEC**.
4. Turn on the HDMI-CEC setting.



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 on page 27.



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.

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

If you are watching a particular channel, you can also press the up arrow button of your remote to view channel information.

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.

Using the Menu Function

To quickly access menu function, press the [] button on your remote.

Accessibility

You can set **Menu Audio**, **Video Description** and **High Contrast Menu** on or off. The function can be used to meet the needs of visually impaired people.

When the **Menu Audio** is set on, the contents of each menu displayed can be broadcast out.

When the **Video Description** is set on, you can hear the introduction of relevant programs.

When the **High Contrast Menu** is set on, the comparison of menu items is more vivid.

Picture Mode

If you'd like to configure the settings for your picture, then there are seven types of picture modes available: **Vivid**, **Standard**, **Energy Saving**, **Theater**, **Game**, **Sports** and **Calibrated**.

Sound Mode

Select a preset sound mode to suit the type of content you are listening to: **Standard**, **Speech**, **Late Night**, **Music**, **Theater** and **Sports**.

Picture Size

Adjust the Aspect Ratio to stretch or zoom in on your picture. You can choose from the following settings: **Auto**, **Normal**, **Zoom**, **Wide**, **Direct**, **Dot-By-Dot**, **Panoramic** and **Cinema**.



Closed Captioning

You can switch between **CC Off**, **CC On** and **CC On When Mute** in ANT/CABLE mode.

Audio Language(MTS)/SAP

You can choose the Audio Language(MTS) in DTV mode and you can set SAP for **Mono**, **Stereo** or **SAP** in ATV mode.

Audio Only

When you select this option, the screen will not display the picture. You can only listen the audio. Press any button except the [] button, **Volume [+/-]** buttons and [] button to restore operation.

HDMI 2.0 Format

Match the connected device output format. You can select **Standard format** and **Enhanced format** in HDMI mode.


Settings

The Settings Menu consists of the following settings: **Picture**, **Sound**, **Network**, **Channel**, **Accessibility**, **System** and **Support**.

Basic Settings

Your TV comes with many TV setting features to allow you to customize the picture based on your viewing preference and environment. As you navigate throughout different screens to access settings, some of the indicators appear as words On and Off.

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**] 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.

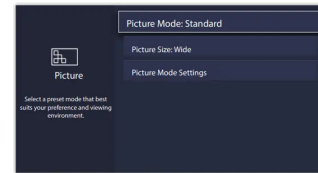
Picture Menu

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.



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.

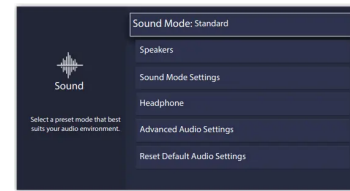
Configure your audio settings for your sound preferences. Once you choose the mode, you can adjust the audio based on the following settings:

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

<p>Network Configuration: Configure network settings to connect to an available network.</p> <p>When the Connection Type is Wired LAN, means you choose a wired network connection to access the Internet.</p> <ul style="list-style-type: none">• 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. <p>When the Connection Type is Wireless, means you choose a wireless network connection to access the Internet.</p> <ul style="list-style-type: none">• Refresh: Refresh wireless network.• Add: You can add wireless network.• Advanced Settings: Configure the advanced wireless network settings for the TV. <p>Connection Test: Tests the status of your network connection.</p> <p>Network Information: View information about your network connection.</p> <p>Bluetooth: Connects to external devices via Bluetooth.</p>	
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Parental Control

The Parental Controls setting allows you to block content that is not appropriate for children to watch. You can do this by creating a 4-digit password

Turning Parental Control On

1. Press the [] button on your remote.
2. Press the [**v**] button on the D-pad to select **Settings**, press [**OK**] button to enter the Settings menu.
3. Select **System > Parental Control**.
4. Press the [**OK**] button on your remote, a Create PIN window displays. Using the numerical keypad on the window, create the password.
5. Press the [**OK**] button to turn the Parental Control On.


You will see the other Parental Control settings change from a greyed out state and become highlighted. When this occurs, begin adding other settings to the **Scheduled Blocking, Channel**

Blocking, Programme Blocking, Input Blocking, App Blocking, Change PIN or Reset Parental Control Defaults features.

- **Scheduled Blocking:** Block all channels and programs during selected periods of time.
- **Channel Blocking:** Block selected channels.
- **Programme Blocking:** Blocks programs by ratings.
- **Input Blocking:** Block selected inputs.
- **App Blocking:** If an app that you want to restrict doesn't appear here then check the Parental Control settings in the app.
- **Change PIN:** Change the PIN that you use to access Parental Controls. If you want to change your parental control password, first enter the new password then enter the same password again.

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.

ISSUES	POSSIBLE SOLUTIONS
No sound or picture	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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?	<ul style="list-style-type: none"> • Yes, this is normal. The TV is initializing and searching for previous setting information.
The picture is normal but there is no sound	<ul style="list-style-type: none"> • Check the volume settings. • Check if 'Mute' mode is set to On.
Sound but no picture or black and white picture	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Check if there is an appliance or electric tool nearby that is causing interference.
The plastic cabinet makes a “clicking” type of sound	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Confirm that TV still has power and is operational. • Change the batteries in the remote control. • Check if the batteries are correctly installed

NOTE

For usage in Mexico , operation of this equipment is subject to the following two conditions :

- 1) it is possible that this device doesn't cause any detrimental interference and
- 2) this device must take any kind of interference, including that which may cause its malfunctioning.

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.