



# ***LASER TV USER MANUAL***

Before using the TV, read this manual thoroughly. We recommend that you keep the manual for future reference.

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**Disclaimer:**

**Images throughout this document are for illustrative purposes only and may differ from the actual product.**

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## 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.

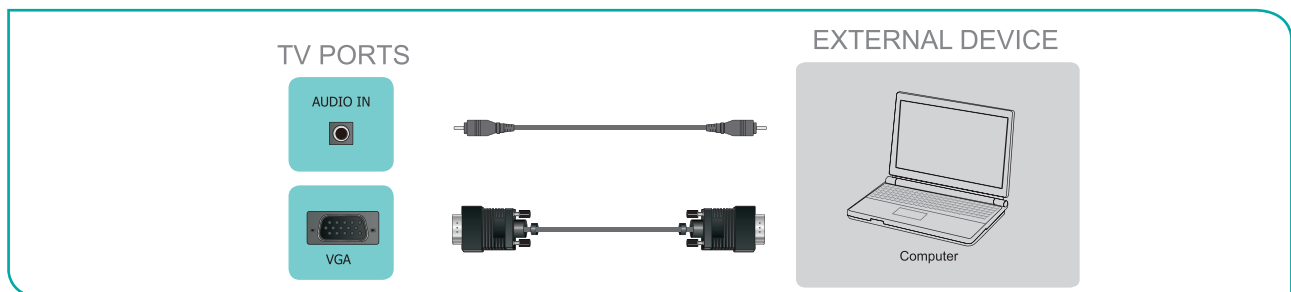
### Connecting an antenna, cable set-top box or satellite receiver

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  button to select **Inputs**, and press the **"OK"** button to enter the sub-menu to select **ANT/CABLE** as the input source.

### Connecting a PC with VGA Cable

1. Use a VGA cable to connect the PC's VGA output jack to the TV's VGA jack. Use an audio cable to connect the PC's audio
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.



#### NOTES


- This Laser TV is not designed to use as a monitor. However, if you still choose to, then contact the manufacturer of your PC Video/Graphics card for further support. Hisense cannot guarantee that the laser TV and the graphics card will be compatible.
- We strongly recommend that you use a VGA Cable with two ferrite cores as shown in the diagram above.

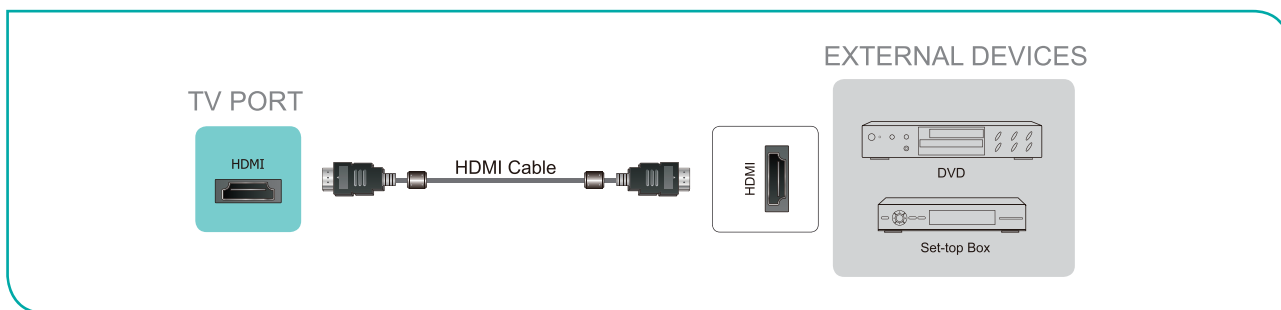
### Connecting an AV device with an HDMI cable

The two high-powered HDMI version 2.0 inputs enable you to connect 4K Ultra-HD external devices that require more bandwidth to transmit to the TV screen. For example, if you have an X-box or Blu-ray player that supports the 2.0 standard.

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  button to select **Inputs**, and press the **"OK"** button to enter the sub-menu to select the corresponding **HDMI** input.



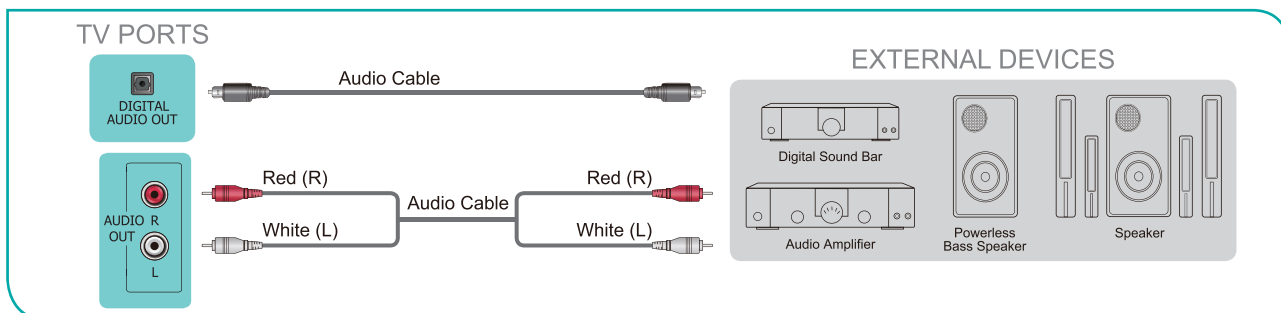
### NOTES

- Because the HDMI connector provides video and audio signals, it is not necessary to connect an audio cable.
- We strongly recommend to use HDMI Cable with 2 cores as shown in the figure.

## 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 audio cable 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 an audio device to use Audio Return Channel \(ARC\) on page 6](#).


### NOTES

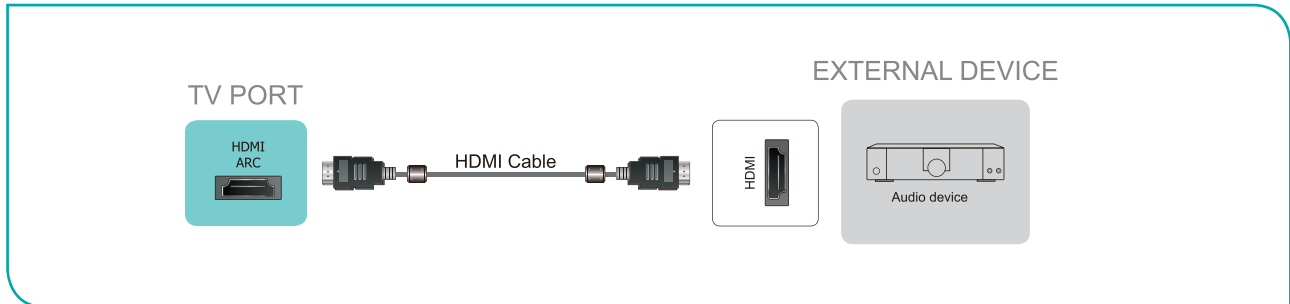
- When a digital audio system is connected to the **DIGITAL AUDIO OUT** port, decrease the TV and system volume.
- 5.1 CH (channel) audio is available when the TV is connected to an external device that supports a 5.1 channel surround sound
- You can receive 5.1 channel audio in one of two ways. The first way is to connect the **DIGITAL AUDIO OUT** port from your source device directly to your audio device. The second way is to connect the **DIGITAL AUDIO OUT** port on the back of the TV to the Optical port on the audio device. If you choose the second connection method, then go into the Audio Settings of the Laser TV and select SPDIF for Speakers, then go into Advanced Audio Settings and select RAW.

## Connecting an audio device 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 an audio device, 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 audio device with your TV remote instead of having to use multiple remotes for each device.

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

1. Connect the audio device to the **HDMI / ARC** port on the TV.
2. Make sure your audio device is powered on.
3. Press the [  ] button on your remote and press the "Down" button on the D-pad of your remote to select **Settings**. Next, press the "OK" button on the D-pad of your remote to enter the Settings menu, go to **System > HDMI-CEC**.
4. Turn on the **HDMI-CEC** setting.



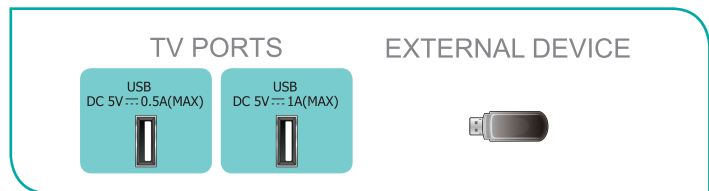
#### NOTE

- If the audio device has an Input Selector feature then set it to the proper input.

## 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. For more information, see [Media on page 29](#).



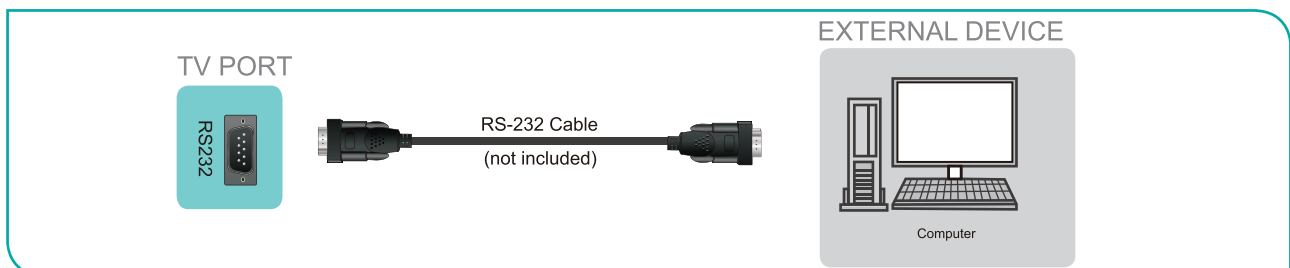
#### NOTES

- When connecting a hard disk or a USB hub, always connect the mains adapter of the connected device to the power supply. Exceeding a total current consumption may result in damage. The USB2.0 port supports a maximum current of 500mA. The USB3.0 port supports a maximum current consumption of 1A.
- Certain devices may require higher than 1A, and those are not supported.

## Controlling the TV via RS-232 connection

The RS-232 protocol is used for communication between the home automation control system and TV(s).

1. Use a RS-232 cable to connect the control system to the TV's RS232 port.
2. You can interact with your TV from your control system.





Functions that can be controlled by a Home automation control system are:

- Power ON or OFF
- Switching between input signals
- Sound Mute ON or OFF
- Volume adjustment
- Change TV settings

#### NOTE

- For the pin assignment, please see “2.RS-232 input/output” below.

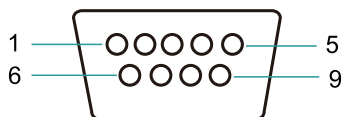
#### 1. Interface

<b>PROTOCOL</b>	RS-232
<b>BAUD RATE</b>	9600 [bps]
<b>DATA LENGTH</b>	8 [bits]
<b>PARITY BIT</b>	NONE
<b>STOP BIT</b>	1 [bit]
<b>FLOW CONTROL</b>	NONE

This TV uses RXD, TXD and GND lines for RS-232 control.

#### 2. PIN ASSIGNMENT RS-232 input/output

Pin No	Name
1	NC
2	RXD
3	TXD
4	NC
5	GND
6	NC
7	NC
8	NC
9	IR PASS



This TV uses RXD, TXD and GND lines for RS-232 control.

#### 3. Control command diagram

For other commands, Contact your dealer for details.

Function	Code Data
<b>Disable Power On Command</b>	53 41 4C 4C 50 57 52 45 30 30 30 30 D6 0D
<b>Enable Power On Command</b>	53 41 4C 4C 50 57 52 45 30 30 30 31 D5 0D
<b>Power On</b>	53 41 4C 4C 50 4F 57 52 30 30 30 31 CB 0D
<b>Power Off</b>	53 41 4C 4C 50 4F 57 52 30 30 30 30 CC 0D
<b>Change Input</b>	53 41 4C 4C 49 4E 50 54 30 30 30 30 D9 0D
<b>Change Input to the TV source</b>	53 41 4C 4C 49 4E 50 54 30 30 30 31 D8 0D
<b>Change Input to HDMI1</b>	53 41 4C 4C 49 4E 50 54 30 30 30 39 D0 0D

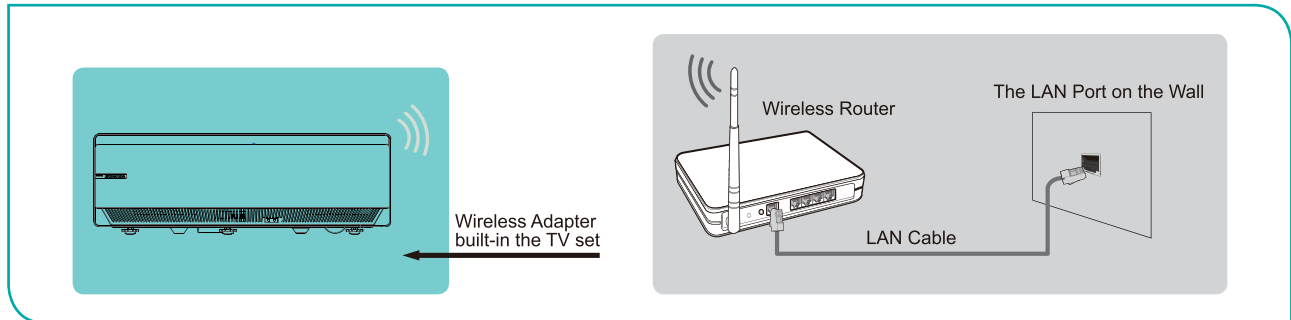
<b>Change Input to HDMI2</b>	53 41 4C 4C 49 4E 50 54 30 30 31 30 D8 0D
<b>Change Input to VGA</b>	53 41 4C 4C 49 4E 50 54 30 30 30 36 D3 0D
<b>Set Picture Mode to Standard</b>	53 41 4C 4C 50 4D 4F 44 30 30 30 30 E4 0D
<b>Set Picture Mode to Vivid</b>	53 41 4C 4C 50 4D 4F 44 30 30 30 32 E2 0D
<b>Set Picture Mode to Theater</b>	53 41 4C 4C 50 4D 4F 44 30 30 30 34 E0 0D
<b>Set Picture Mode to Energy Saving</b>	53 41 4C 4C 50 4D 4F 44 30 30 30 33 E1 0D
<b>Set Picture Mode to Sport</b>	53 41 4C 4C 50 4D 4F 44 30 30 30 36 DE 0D
<b>Set Brightness to 0/50/100 (3 level examples shown)</b>	53 41 4C 4C 42 52 49 54 30 30 30 30 E3 0D 53 41 4C 4C 42 52 49 54 30 30 35 30 DE 0D 53 41 4C 4C 42 52 49 54 30 31 30 30 E2 0D
<b>Set Contrast to 0/50/100 (3 level examples shown)</b>	53 41 4C 4C 43 4F 4E 54 30 30 30 30 E0 0D 53 41 4C 4C 43 4F 4E 54 30 30 35 30 DB 0D 53 41 4C 4C 43 4F 4E 54 30 31 30 30 DF 0D
<b>Set Sharpness to 0/10/20 (3 level examples shown)</b>	53 41 4C 4C 53 48 52 50 30 30 30 30 D7 0D 53 41 4C 4C 53 48 52 50 30 30 31 30 D6 0D 53 41 4C 4C 53 48 52 50 30 30 32 30 D5 0D
<b>Set Sound Mode to Standard</b>	53 41 4C 4C 41 4D 4F 44 30 30 30 30 F3 0D
<b>Set Sound Mode to Theater</b>	53 41 4C 4C 41 4D 4F 44 30 30 30 32 F1 0D
<b>Set Sound Mode to Music</b>	53 41 4C 4C 41 4D 4F 44 30 30 30 33 F0 0D
<b>Set Sound Mode to Speech</b>	53 41 4C 4C 41 4D 4F 44 30 30 30 34 EF 0D
<b>Set Sound Mode to Late night</b>	53 41 4C 4C 41 4D 4F 44 30 30 30 35 EE 0D
<b>Set Volume to 0/50/100</b>	53 41 4C 4C 56 4F 4C 4D 30 30 30 30 D6 0D 53 41 4C 4C 56 4F 4C 4D 30 30 35 30 D1 0D 53 41 4C 4C 56 4F 4C 4D 30 31 30 30 D5 0D
<b>Mute</b>	53 41 4C 4C 4D 55 54 45 30 30 30 31 D8 0D
<b>Unmute</b>	53 41 4C 4C 4D 55 54 45 30 30 30 30 D9 0D
<b>Reset Function Mode</b>	53 41 4C 4C 52 53 45 54 39 39 39 39 B2 0D
<b>CH+</b>	53 41 4C 4C 42 54 54 4E 31 30 33 34 D4 0D
<b>CH-</b>	53 41 4C 4C 42 54 54 4E 31 30 33 35 D3 0D
<b>VOL+</b>	53 41 4C 4C 42 54 54 4E 31 30 33 33 D5 0D
<b>VOL-</b>	53 41 4C 4C 42 54 54 4E 31 30 33 32 D6 0D
<b>Menu</b>	53 41 4C 4C 42 54 54 4E 31 30 33 38 D0 0D
<b>BACK</b>	53 41 4C 4C 42 54 54 4E 31 30 34 35 D2 0D
<b>UP</b>	53 41 4C 4C 42 54 54 4E 31 30 34 31 D6 0D
<b>DOWN</b>	53 41 4C 4C 42 54 54 4E 31 30 34 32 D5 0D
<b>LEFT</b>	53 41 4C 4C 42 54 54 4E 31 30 34 33 D4 0D
<b>RIGHT</b>	53 41 4C 4C 42 54 54 4E 31 30 34 34 D3 0D
<b>OK/ENTER</b>	53 41 4C 4C 42 54 54 4E 31 30 34 30 D7 0D
<b>EXIT</b>	53 41 4C 4C 42 54 54 4E 31 30 34 36 D1 0D
<b>HOME</b>	53 41 4C 4C 42 54 54 4E 31 30 33 39 CF 0D

# Connecting Your TV to a Wireless or Wired Network

You have the option to connect your TV to a wireless or wired network to access the Internet. For more information about the network settings on TV, see [Network Menu on page 21](#).

## 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.

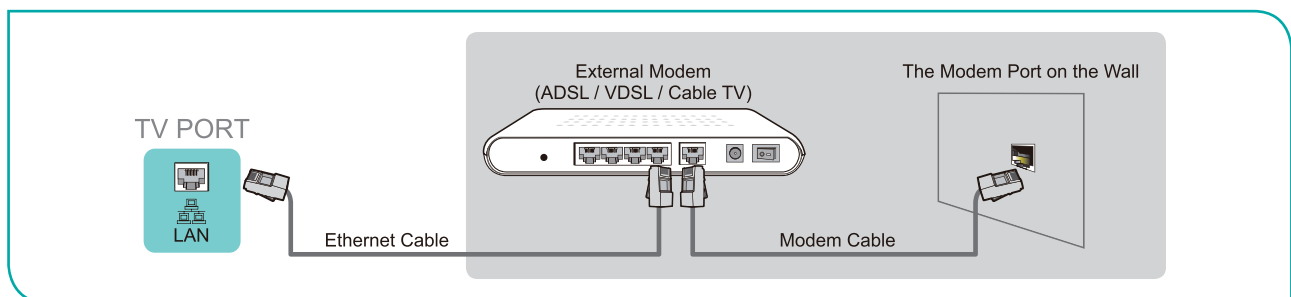


### NOTES

- This TV does not support external network adapter.
- To use a wireless network, your TV must be connected to a wireless router. This TV supports DHCP or static IP settings.
- This TV supports encryption types of WEP, TKIP & TKIP-AES (WPS2 Mixed).
- This TV supports Wi-Fi Protected Setup (WPS).

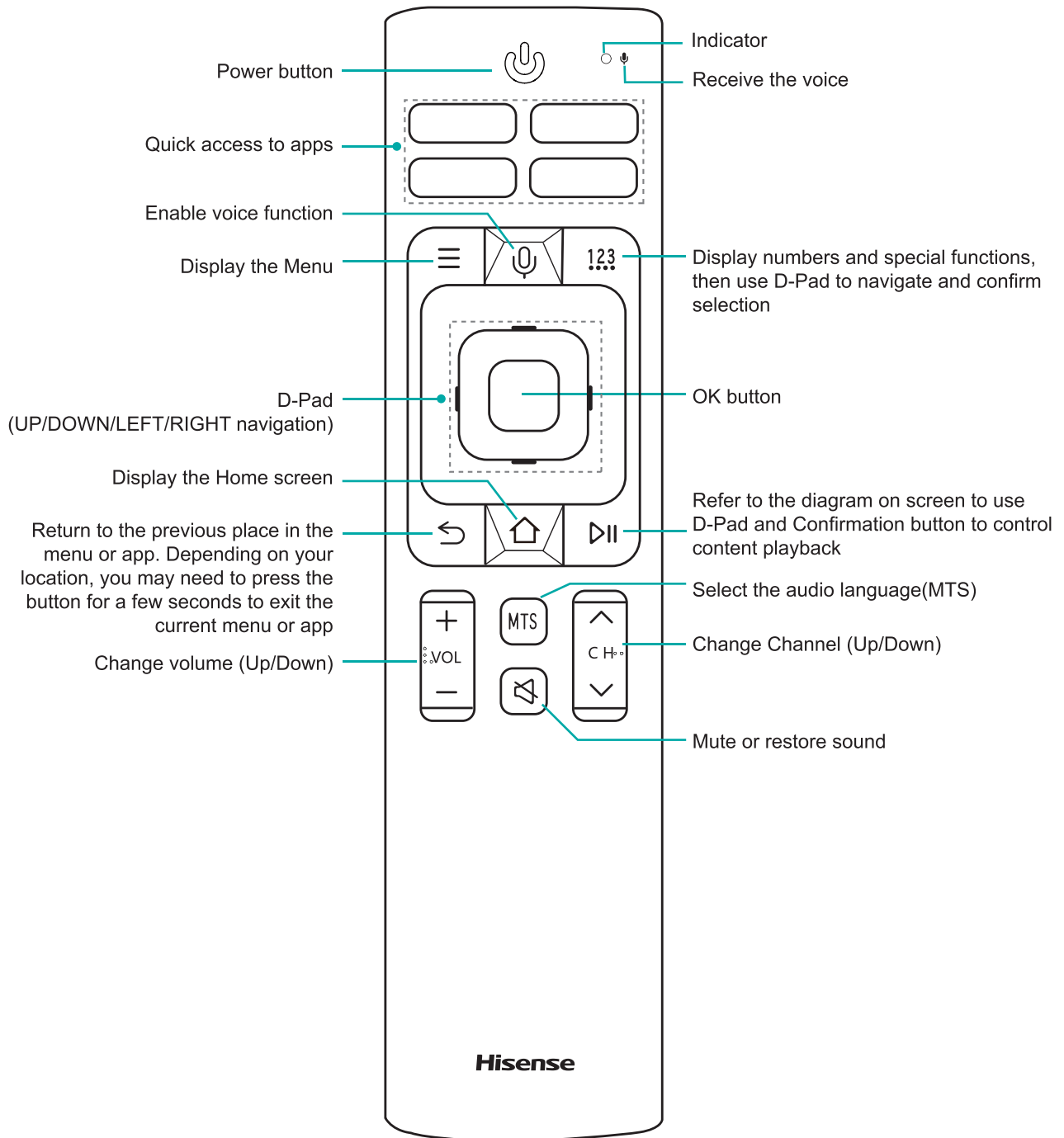
## Connecting to a wired (Ethernet) network

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

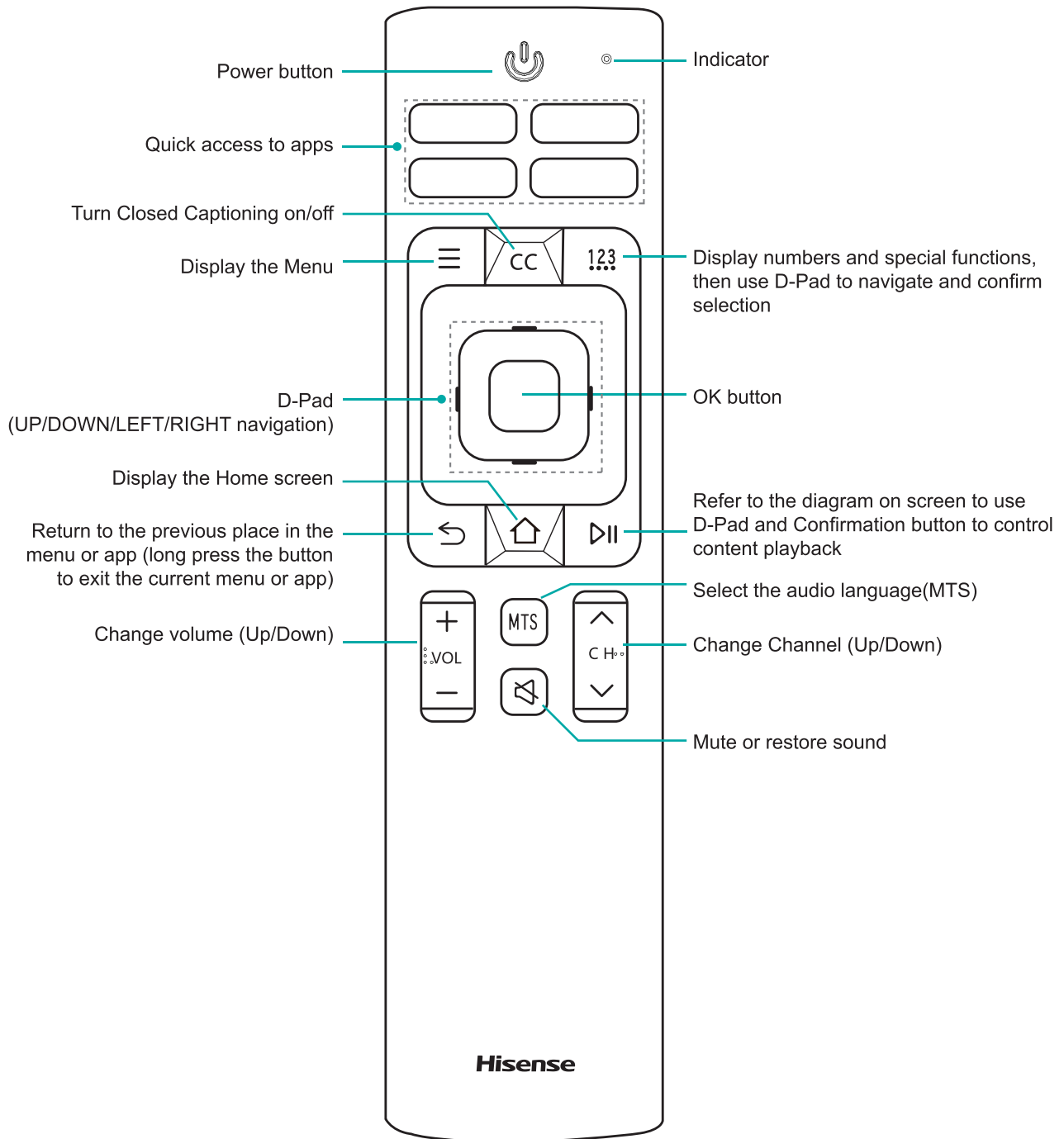


# Using Your TV Remote Control

## Buttons on your TV remote



## Buttons on your TV remote



**NOTE**

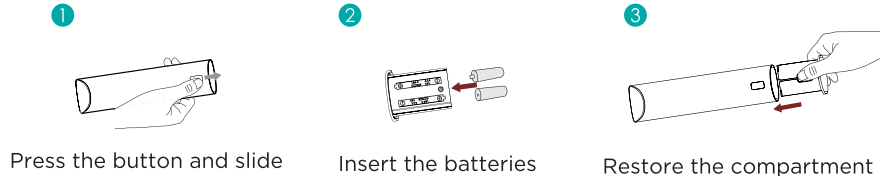
- The picture is only for reference. Check information according to the actual remote control in the accessory bag.

## Remote control range information

- The remote control can work at a distance of up to 26 feet in front of the TV set.( This distance is used by infrared means in an unpaired state.)
- It can work at a 30 degree horizontal or 15 degree vertical angle.( This angle is used by infrared means in an unpaired state.)

## Begin using your remote

1. Press and slide the back cover to open the battery compartment of the remote control.



Press the button and slide

Insert the batteries

Restore the compartment

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. Restore 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.

## Program your universal cable or satellite remote control to operate your new television (only for USA)

If you would like to program your other household remote controls to your new television, please refer to the User's Manual supplied by your Cable or Satellite provider. The Cable or Satellite providers' User's Manuals should include instructions on how to program their remote to your television.

A list of codes for the most common Cable and Satellite providers are listed below. Use the code that is associated with your Cable or Satellite provider (if applicable).

### **DIRECTV**

0178, 10178, 10019, 10748, 11314, 11660, 11710, 11780, 12049, 10171, 11204, 11326, 11517, 11564, 11641, 11963, 12002, 12183

### **Time Warner Cable**

386, 0178, 10178, 400, 450, 461, 456, 0748, 1463, 0463, 10463

### **Comcast**

0178, 10178, 10463, 11463, 10748, 11314, 11660, 10171, 11204, 11326, 11517, 11641, 11780, 11785, 11892, 11963, 12002

### **Cox Communications**

0178, 10178, 1326, 1463

### **Dish Network**

505, 627, 538, 720, 659

If the code associated with your Cable or Satellite provider is not listed, does not work or you cannot locate the instructions to program your remote, call your local Cable or Satellite provider's customer service center.

If your Cable or Satellite provider does not have a code available, please contact us.

## Using your cable set-top box or satellite receiver remote as a 'universal' remote

If you prefer to use your Cable Set-top Box or Satellite Receiver Remote as a 'Universal Remote', then visit the Support page to view a list of the codes.

## Pairing the Remote Control

1. Pair the remote to the TV after you power it on. Keep the remote control within 10 feet from the TV. Press and hold the [≡] button at least 3 seconds to start pairing.
2. If the remote paired successfully then a confirmation will display on the screen. If it did not pair successfully then an 'unsuccessful' message will display. Repeat step 1.

### NOTE

- If an unknown error occurred with the remote then it could have been caused by interference. Try to remove what's causing the interference and pair it again.
- If an unknown error occurred in the remote control while the battery power is normal, you can take out the batteries and press any key for 1~2 seconds, then the remote control can work normally.
- The remote cannot be paired to the TV while the TV is in standby mode.

# Completing the Setup Assistant Menu

Press the [⏻] button on the remote to turn on the TV.

Installation navigation will be available for the first time, you can set up a screen to get a comfortable viewing experience

## Screen Setup

The **Screen Setup Menu** consists of the following settings: Language, Projection Mode, Geometric correction, TV Setup.

If you are satisfied with the projected image, select TV setup to configure network connection and access content.

Begin the first-time setup menu below:

Screen	Task
<b>Language and Location</b>	Using the D-pad arrows of your remote, choose your <b>Language</b> , <b>Region</b> and <b>Time Zone</b> .
<b>End User License Agreement</b>	Choose <b>Decline</b> or <b>Agree</b> , then select <b>Continue</b> icon and press "OK".
<b>TV Usage</b>	Select <b>Home Mode</b> (which appears by default).  <div style="background-color: #00a68f; color: white; padding: 2px;"><input checked="" type="checkbox"/> <b>NOTE</b></div> <ul style="list-style-type: none"> <li>• <b>Store Mode</b> should only be selected by Retailers who plan to demonstrate the TV. If your TV is set to Serial Communication Port to On, there is no store mode.</li> </ul>
<b>Network Connection</b>	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.
<b>Remote Pairing</b>	Use Bluetooth to control your Laser TV. (This step may be set by factory.)
<b>Select your primary input source</b>	Select how you receive your TV channels. Choose from one of the following sources below. <ul style="list-style-type: none"> <li>• <b>HDMI1</b></li> <li>• <b>HDMI2</b></li> <li>• <b>HDMI3</b></li> <li>• <b>HDMI4</b></li> <li>• <b>ANT/CABLE</b></li> <li>• <b>VGA</b></li> <li>• <b>NONE</b></li> </ul> <div style="background-color: #00a68f; color: white; padding: 2px;"><input checked="" type="checkbox"/> <b>NOTE</b></div> <ul style="list-style-type: none"> <li>• If you use an antenna to receive channels, then you must complete the first-time setup menu in order to run a channel scan.</li> </ul>



# Shortcuts Instructions

You can use shortcuts on the remote control for fast operation.

## 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 **[🏠]** button on the remote to select **Inputs**, and press the **"OK"** button to enter the sub-menu.
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 **[🏠]** button on the remote to select **Live TV**.

### 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 **Setting** 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.

**[☰]** Load more functions

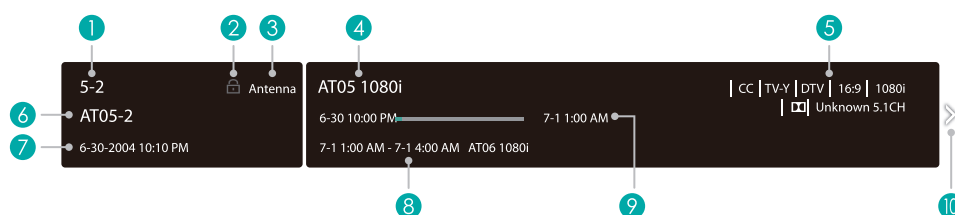
**"OK"** Load Channel List

**[▲]** Load Info Bar

**[BACK]** Load previous channel

### Viewing channel information

As you use the **[CH+ / CH-]** 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 **"Down"** button to select **Settings**, and then press **"OK"** button to enter the Settings menu.
3. Select **Channel > Favorite List**.
4. Using the **"Up" / "Down"** buttons on the D-pad 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 **"Left" / "Right"** buttons on the D-pad 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 display can be broadcast out.

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

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

### Number Pad

You can press digital keys on the left of the screen, to get the relevant channels easily.

### 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**, **Sport** and **Calibrated**.

### Light Level

Adjust how bright you want images to appear. Lower settings create darker images.

### 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** or **Cinema**.

### CC

You can switch between **CC Off**, **CC On** and **CC On When Mute**.

### Audio Language(MTS)

You can choose the audio language in DTV mode and you can set MTS 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.

### Settings


The Settings Menu consists of the following settings: Picture, Screen, Sound, Network, Channel, Accessibility, Parental Control, 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 "**Down**" 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**
- **Screen**
- **Sound**
- **Network**
- **Channel**
- **Accessibility**
- **Parental Control**
- **System**
- **Support**

In each menu, you can:

- Press the "**Up**" / "**Down**" buttons on the D-pad to select an item.
- Press the "**OK**" buttons to enter the sub-menu or to set on or off.
- Press the "**Left**" / "**Right**" buttons on the D-pad to adjust the value.
- Press the [  ] button to return to the previous menu.

## Picture Menu

- **Light Level:** Adjust how bright you want images to appear. Lower settings create darker images..
- **Picture Mode:** Select a preset mode that best suits your preference and viewing environment.

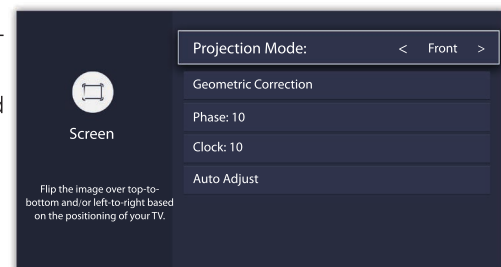
Once you choose the mode, you can adjust the picture based on the following settings:

- **Contrast:** Increase or decrease 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 a green to magenta tint to view the natural skin tones of people on the screen.
- **Sharpness:** Improve sharpness of the picture edges.
- **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**.
- **HDMI 2.0 Format:** Match the connected device output format. Select Enhanced for devices of 4K, 60Hz, 4:4:4 4:2:2 or 4:2:0, 10 bit and above.
- **Advanced Picture Options:** Adjust advanced picture settings based on your viewing preference.
  - **Overscan:** Turn on if you are receiving analog antenna or cable input.
  - **Color Temperature:** Adjust the white color shade.
  - **Motion Enhancement:** Reduce judder and blur in moving objects. 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 motion blur.
  - **Judder Reduction:** To enhance the picture, try to reduce judder (shakiness). However, reducing judder may cause the picture to blur.
  - **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.
  - **Active Contrast:** Automatically adjust contrast according to video content to improve detail.
- **Calibration:** Adjust the color space and Gamma to best suit the content you're viewing.
  - **Color Tuner:** Adjust the Hue, Saturation and Brightness of color settings.
  - **White Balance:** Adjust the gain and offset of red, green and blue for best color accuracy.
  - **Gamma Adjustment:** Adjust the balance between bright and dark areas on the picture. In a dark room choose a Higher number like 2. In a brighter area select a lower number like 0. In general, 1 is normally recommend.
  - **RGB Only Mode:** View red, green or blue part of the image.
- **Apply Picture Settings:** Remember customized settings when using the Picture Mode on current source or all sources.
- **Reset Picture Settings:** Reset all picture settings to factory default.



## Screen Menu

- **Projection Mode:** Flip the image over top-to-bottom and/or left-to-right based on the positioning of your TV.
- **Geometric Correction:** Select points and move to fit the projected image into the screen.
- **Phase:** Adjust to minimize horizontal distortion. (VGA only).
- **Clock:** Adjust for vertical stripes in the screen image. (VGA only).
- **Auto Adjust:** Adjust PC signal automatically (VGA only).



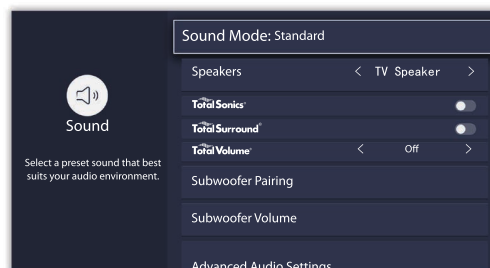
## Sound Menu

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

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:** Select the sound output from internal speakers or external audio device.
- **TotalSonics™ Total Sonics:** Optimizes overall sound quality by increasing bass, widening the sound field and provides a clear, natural dialog.
- **TotalSurround™ Total Surround:** Provides surround sound experience by utilizing psychoacoustic processing to place sounds aside, behind and above the viewer. For best results use with Total Sonics.
- **TotalVolume™ Total Volume:** Maintains consistent loudness levels from wide dynamic range programs, loud commercials, and channel or input changes.
- **Subwoofer Pairing:** Pair the Hisense subwoofer with the projector.
- **Subwoofer Volume:** Audio settings on the TV screen can only be adjusted for the Hisense subwoofer.
- **Advanced Audio Settings:** Tune the audio settings and quality of the TV.
  - **Balance:** Emphasizes sound from the left or right speaker.
  - **Digital Audio Out:** Select the digital audio output format that best suits the audio device type. For example, choose **RAW** (pass through the audio in its original form from the source) 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.
  - **Equalizer:** Adjust low to high pitch sounds.
  - **Preferred Audio Language:** Sets the audio language based on your preference.(The preferred language must be supported by the broadcaster.)
- **Reset Audio Settings:** Reset all Audio settings in current audio mode to the factory default values.



## Network Menu

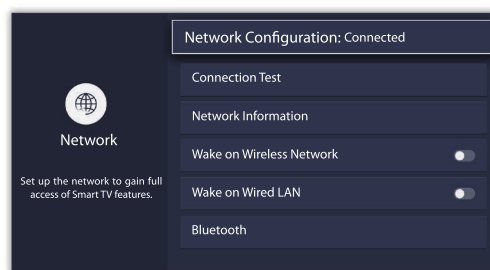
- **Network Configuration:** Configure network settings to connect to an available network.

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

- **IP Settings:** Configure the IP setting for your network connection.

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

- **Refresh:** Refresh the list of available wireless networks.
- **Add A Network:** Add a wireless network.
- **Advanced Settings:** Configure the advanced wireless network settings for the TV.
- **Connection Test:** Tests the status of your network connection.
- **Network Information:** View information about your network connection.
- **Wake on Wireless Network:** An application on your second screen with Wake on Wireless will turn on your TV when you use the feature.
- **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.



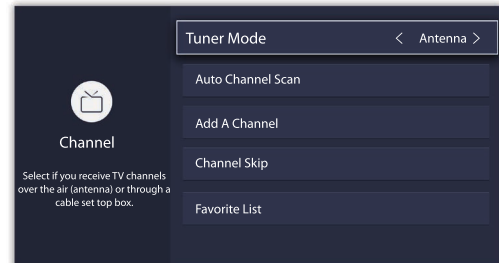
- **Bluetooth:** Connects to external device via Bluetooth.

#### NOTE

- A Bluetooth device may malfunction, if the problem persists, try connecting the device using the digital optical port or the HDMI (ARC) port.

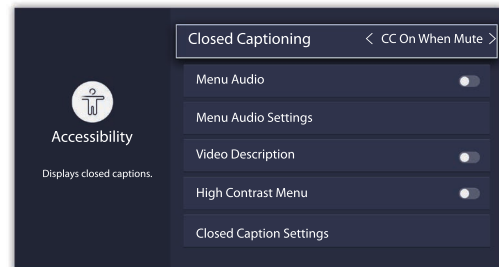
## Channel Menu

- **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

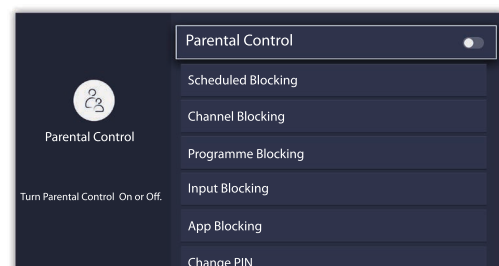
- **Closed Captioning:** Displays closed captions.
- **Menu Audio:** Reads the menu items for visually impaired.
- **Menu Audio Settings:** Allows customization of spoken menu language.
  - **Volume:** Sets the volume level of the spoken menu language.
  - **Language:** Selects the spoken menu language.
  - **Rate:** Changes the rate of speech.
  - **Pitch:** Changes the audio menu pitch.
  - **Focus Menu Audio:** Lowers the background volume when menu audio is spoken.
- **Video Description:** Enables broadcasted descriptive audio for visually impaired.
- **High Contrast Menu:** Improves contrast for visually impaired.
- **Closed Caption Settings:** Allows customization of closed caption text display.
  - **Analog Caption:** Select an Analog Caption setting from Off, CC1-CC4, Text1-Text4.
    - **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 are provided by the broadcaster.
    - **Text1-Text4:** Closed captioning that covers half or all of the screen. Text1-Text4 display content are provided by the broadcaster.
    - **Off:** To turn off the Analog Caption.
  - **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.



## Parental Control

Turn On Parental Control 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 Control, See [Parental Control on page 25](#).

- **Parental Control:** Turns Parental Control On or Off.
- **Scheduled Blocking:** Block all channels and programs during selected periods of time.
- **Channel Blocking:** Blocks selected channels.
- **Programme Blocking:** Blocks programs by ratings.



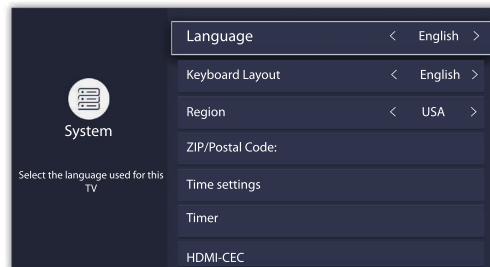
- **Input Blocking:** Blocks selected inputs.
- **App Blocking:** If an app that you want to restrict doesn't appear here then check the Parental Control settings in the app.
- **Change PIN:** Changes the PIN that you use to access Parental Control. If you want to change your parental control password, first enter the new password then enter the same password again.

#### ✔ NOTE

- If you forget your password, call the **Consumer Service Center**.
- **Reset Parental Control Defaults:** Reset Parental Control back to the factory default setting.

## System Menu



- **Language:** Select the language used for this TV.
- **Keyboard Layout:** Select a language to match your external keyboard.
- **Region:** Select your location.
- **ZIP / Postal Code:** Provide your zip/postal code to help us deliver more accurate service for your location.
- **Time Settings:** Configure time and date.
  - **Time Zone:** Select your Time Zone.
  - **Time Format:** Display the timer 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:** Turns the menu off after the chosen amount of time.
- **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 on remote.
  - **Device Auto Power Off:** Turns CEC-enabled devices off with the TV remote.
  - **Projector Auto Power On :** Turn the TV on with the remote of a CEC-enabled device connected with your TV.
  - **CEC Device Lists:** View a list of all CEC-enabled devices.
  - **Device Connect:** Allow connected devices to the HDMI ports to communicate back and forth with the TV.



#### ✔ NOTES

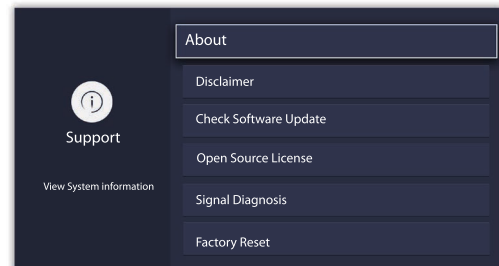
- HDMI cables must be used to connect HDMI CEC-compatible devices to your TV.
- The HDMI CEC feature of the connected device must be turned on.
- If you connect an HDMI device that is not HDMI CEC-compatible, all the HDMI-CEC Control features do not work.
- Depending on the connected HDMI device, the HDMI-CEC Control feature may not work.
- **Projector Name:** Choose a name for your TV. This is the name that appears on other devices in your network.
- **Application Manager:** Play content from another device and remove this TV from your application accounts.
  - **Anyview Stream:** Allows to view videos, images and music shared from another device in your network.
  - **Netflix:** Remove this TV from your Netflix account. Please contact Netflix if you want to stop being billed for your service.
  - **Vudu:** Sign out and remove this TV from your list of authorized Vudu devices.
- **Amazon Alexa Service:** Set up the Amazon Alexa Service to control this TV using just your voice.
- **Advanced Settings:** Access the Advanced Settings menu.
  - **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 picture back on.
- **Input Names:** Customize the name of your inputs.
- **Live TV Input:** Change Live TV Input.
- **Eye protection:** Activates the sensor to turn off the laser source when someone approaches the Laser TV.
- **Screensaver:** Enables Screensaver when the TV is idle.
- **Notification Pop-ups:** Allow pop-up notifications.
- **Send Diagnostics and Usage:** Send diagnostics and usage data to help improve product and service quality. (No personal information is collected).
- **Serial Communication Port:** Turn on to control TV using RS-232 serial communication (for example, a home automation system). Restart TV to effect the change.
- **Usage Mode:** Set the TV to use in Home or Store Mode. (There is no this choose If Serial Communication Port is turn on)
- **Setup Assistant:** Start the Setup Assistant if you want to set up your TV again.

## Support Menu

- **About:** View system information.
- **Disclaimer:** Click to read our terms and policy.
- **Check Software Update:** Check if your TV needs software update.
- **Open Source License:** Click to read Open Source License details.
- **Signal Diagnosis:** View input video signal information.
- **Factory Reset :** Reset your TV back to the factory settings.



## Parental Control

The Parental Control 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 **"Down"** 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. Go to **Locks**.
6. Press the **"OK"** button to turn the locks 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.

### Description of US TV Ratings

Content	Defined as
<b>A</b>	All
<b>D</b>	Suggestive dialog
<b>L</b>	Coarse or crude language
<b>S</b>	Sexual situations
<b>V</b>	Violence
<b>FV</b>	Fantasy Violence

### Description of Age-based Ratings

Age	Defined as
<b>TV-Y</b>	All children
<b>TV-Y7</b>	Directed to older children
<b>TV-G</b>	General audience
<b>TV-PG</b>	Parental Guidance Suggested
<b>TV-14</b>	Parents strongly cautioned
<b>TV-MA</b>	Mature Audiences Only

### US Movie Ratings

Rating	Defined as
<b>G</b>	General audience
<b>PG</b>	Parental Guidance suggested
<b>PG-13</b>	Parents strongly cautioned
<b>R</b>	Restricted
<b>NC-17</b>	No one 17 and under permitted
<b>X</b>	A rating that has now been superseded by NC-17

## Canadian English Ratings

Rating	Defined as
<b>C</b>	Children
<b>C8+</b>	Children 8 years and older
<b>G</b>	General programming that is suitable for all audiences
<b>PG</b>	Parental Guidance
<b>14+</b>	Viewers 14 years and older
<b>18+</b>	Adult Programming

## Canadian French Ratings

Rating	Defined as
<b>G</b>	General (appropriate for all ages and must contain little to no violence or sexual content)
<b>8ans+</b>	General but inadvisable for young children(could contain scenes disturbing to children under eight). Recommended for viewing with parent.
<b>13ans+</b>	Programming is appropriate for children 13 and older and may contain moderate violence, language and some sexual situations.
<b>16ans+</b>	Recommended for children 16 and older and may contain strong violence, language and sexual content.
<b>18ans+</b>	Programming intended for viewers that are 18 and older. Programming may contain extreme violence and graphic sexual content/pornography.

### NOTE

- All ratings that are higher than those you select are also blocked. For example, if you choose to block the PG-13 rating, then the higher ratings (R and NC-17) are automatically blocked too.

## Open V-Chip

Turn this On to automatically block programs based on the US rating.

## Block Unrated


Block or unblock unrated movies.

# Advanced TV Settings

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## Getting familiar with the Home screen

The simple design of the **Home** screen menu makes it easy to navigate. It serves as the central location to access **Notifications, Apps, LiveTV, Inputs, Media, Settings** and **Edit** on the back of the TV that you've connected external devices to.

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

## Indicators and Icons on the top of the Home screen

You can always view the current time in the top left corner of the Home screen.

If your TV is connected to the Internet through a wireless connection, then an icon  will display in the top right corner of the screen. This location makes it very convenient for you to determine if you still have Internet connectivity as you use the TV.

## Names of sections that appear on the Home screen

The Home screen displays the following section names:

- **Notifications**
- **Apps**
- **LiveTV**
- **Inputs**
- **Media**
- **Settings**
- **Edit**

## Notifications

If your TV is connected to an external device, the screen will be prompted.

## Apps

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

### Installing an App

- To install an app from the **App Installer**:
  1. From the Home screen, click on the **Apps** to select the **App Installer** icon.
  2. Use the navigation buttons on your remote to select the app that you want to install.
  3. Press the **"OK"** button on your remote.
- To install an app from the **VEWD APP STORE**:

Even though your TV has numerous factory-installed apps, there may be others that you'd like to download.

1. From the Home screen, click on the **Apps** to select the **VEWD** icon.
2. Navigate to the **SEARCH** tab.
3. Begin typing the name of the app. As you begin typing the first two to three letters the App store suggests words to quicken your search time.
4. Use the navigation buttons of your remote to select the app. A page displays that shows a written description of the app.
5. Click on **OPEN** or **ADD TO FAVORITES**.

### 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, click on the **Uninstall** icon.
2. Use the navigation buttons on your remote to select the app that you want to remove.
3. Press the **"OK"** button on your remote. A dialog message displays that asks if you're sure you want to remove the app.
4. Click on **Delete**. A confirmation message displays and the icon is removed from the Apps list screen.

#### NOTE

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

### Moving App Icons around

Apps can not be moved around on the screen.

### Customizing the name of your TV

If you have several TV's in your home then you may want to customize the name of your TV. By giving your TV a name, it will make it easier for you to identify it when connecting devices to the TV to stream or mirror content.

To customize the name of your TV:

1. Press the **[≡]** button on your remote.
2. Press the **"Down"** button on the D-pad to select **Settings**, press **"OK"** button to enter the Settings menu.
3. Go to **System > Projector Name**.
4. Press **"OK"** button to bring up the keyboard and begin typing the name.
5. When you are finished, power off the TV and power it back on for the change to take effect.

## Media

Media 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
- Compatible mobile phone, tablet or other personal device: You can stream movies, music and photos that are stored on Compatible personal device and play or view the content on your TV.

### Panels that appear on the Media screen

The Media screen displays five panels: **Search**, **All**, **Picture**, **Video**, and **Music**.

### 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
<b>Video</b>	H.264/AVC (.MKV, .MP4, .MOV, .TS), H.265/HEVC (.MKV, .MP4, .MOV); VP9 (.MKV)
<b>Picture</b>	BMP, JPG, PNG, GIF (non-animated)
<b>Music</b>	AAC (.MKV, .MP4, .MOV); MP3(.MP3, .MKV); WMA (.ASF, .WMA, .MKV), PCM (.WAV, .MKV, .MP4, .MOV), AC3/EAC3 (.MKV,.MP4, .MOV, .AC3)

### Browsing Content

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

1. Navigate to the appropriate menu tab on the left side of the screen and select **All**, **Picture**, **Video**, or **Music**.
2. Click on the name of the folder that contains your content.
3. Make your selection to play or view the content.

### Viewing Pictures as a Slideshow

To view pictures in a slideshow:

1. Navigate to the Picture tab.
2. Click on start the Slideshow.

The slideshow of your pictures begins to play. To stop the slideshow, press the **"OK"** button on your remote and press it again to restart it.

### Viewing Video

To stop or restart the video, you can press the **"OK"** button on your remote. You can use the navigation buttons of your remote to control the video.

## Edit

By using the Edit option, you can edit the Home page, add a title, add an input, add an app, etc.,


Using the navigation buttons on the D-pad to change or remove it, also you can select **Reset** to return your operation.

## Using Anyview Cast to mirror content from your device to the TV screen

The Anyview Cast is an app that enables you to share (or cast) a video, audio or image from your Android-based device to the TV.

### From your tablet or phone

To mirror content from your tablet or phone to the TV:

1. Press the [≡] button on your remote, press the "Down" button on the D-pad to select **Settings**, press "OK" button to enter the Settings menu. Go to **Network > Network Configuration** and select **Wireless**.
2. Press the [🏠] button on your remote to select **Inputs**, and press the "OK" button to enter the sub-menu to select the **Anyview Cast**. 
3. Turn on the wireless display function on your Android-based device.

#### NOTE

- Some Android-based devices may not support casting.
4. Find your TV in the list of devices that displays and select it.
  5. Wait for the Creating Connection progress bar to complete on the TV screen and the video or image will display in a moment.

## Software updates for your TV

The software (also referred to as firmware) is part of what powers your TV. 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 receive updates when they are available.

You can choose to receive updates manually or check for software updates and install them manually.

### Checking for the latest firmware

To manually check for the latest firmware:

1. Using your remote, press the [≡] button.
2. Press the "Down" button on the D-pad to select **Settings**, press "OK" button to enter the Settings menu.
3. Go to **Support > Check Software Upgrade**.

## Maintenance


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- Do not touch this device when it is running or just turned off because it may be hot.
- Do not wipe this device with oil because it may deteriorate the exterior or damage the paint. Contact with rubber or ethylene products for a long time may cause stains on this device.
- If the outside of the TV is dirty, turn off the TV and wipe with a dampened soft cloth.
- Do not touch the lens with your hands.
- Do not touch or wipe the lens with ordinary cleaning cloth. Use a dust blower to remove the dust on the lens. Grease, dirt and fingerprints should be cleaned carefully by the professional by using optical cleaning cloth, lens wiping paper or professional cleaning solutions to avoid destroying the optical filming and affecting the image quality.
- To turn off this device, press the Power button on the remote control. Do not cut off the power directly when the device is working.



## 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"> <li>• Check if the power cord is plugged into a powered AC outlet.</li> <li>• Press the [  ] button on the remote control to activate the unit from 'Standby' mode.</li> <li>• Check to see if the LED light is on or not. If it is, then the TV is receiving power.</li> </ul>
I have connected an external source to my TV and I get no picture and/or sound	<ul style="list-style-type: none"> <li>• Check for the correct output connection on the external source and for the correct input connection on the TV.</li> <li>• Make sure you have made the correct selection for the input mode for the incoming signal.</li> </ul>
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"> <li>• Yes, this is normal. The TV is initializing and searching for previous setting information.</li> </ul>
The picture is normal but there is no sound	<ul style="list-style-type: none"> <li>• Check the volume settings.</li> <li>• Check if 'Mute' mode is set to On.</li> <li>• Check if the Settings-Sound-Speakers is set to the correct settings.</li> <li>• Check the external audio device is power on.</li> <li>• Check Settings-Sound-Advanced audio is set to correct format which your external audio device can support.</li> </ul>
Sound but no picture or black and white picture	<ul style="list-style-type: none"> <li>• If the picture is black and white, unplug the TV from the AC outlet and replug it after 60 seconds.</li> <li>• Check that the Color is set to 50 or higher.</li> <li>• Try different TV channels.</li> <li>• Check if set to Audio Only mode.</li> </ul>
The sound and/or picture is distorted or appears wavy	<ul style="list-style-type: none"> <li>• An electric appliance may be affecting the TV. Turn off any appliances that are nearby and move it farther away from the TV.</li> <li>• Insert the power plug of the TV set into another power outlet.</li> </ul>
The sound and picture is blurry or cuts out	<ul style="list-style-type: none"> <li>• If using an external antenna, check the direction, position and connection of the antenna.</li> <li>• Adjust the direction of your antenna or reset or fine tune the channel.</li> <li>• Check if the Overscan is set to off</li> <li>• Try different picture mode</li> </ul>
A horizontal or vertical stripe appears on the picture and/or the picture is shaking	<ul style="list-style-type: none"> <li>• Check if there is an appliance or electric tool nearby that is causing interference.</li> </ul>
The plastic cabinet makes a "clicking" type of sound	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
The remote control does not work	<ul style="list-style-type: none"> <li>• Confirm that TV still has power and is operational.</li> <li>• Change the batteries in the remote control.</li> <li>• Check if the batteries are correctly installed.</li> <li>• Check if the remote is paired.</li> </ul>

The picture is blurred or shows a distorted image in the shape of a snowflake	<ul style="list-style-type: none"> <li>• Power off the TV and check to see if the Lens is dirty. If it is, then follow the instructions in your QSG to clean it and the screen.</li> </ul>
The picture does not fit the screen	<ul style="list-style-type: none"> <li>• Check if the screen or projector is moved and move it back.</li> <li>• Follow the Quick Start Guide to adjust the laser TV.</li> <li>• Use Settings-Screen-Geometry to adjust the picture.</li> </ul>
The TV is displaying an 'Overheat' warning message	<ul style="list-style-type: none"> <li>• Check to make sure the vents on the left and right side of the TV are clear.</li> <li>• Check to make sure no heat source is too close to the TV.</li> </ul>
The picture appears on the screen intermittently	<ul style="list-style-type: none"> <li>• The TV has an eye protection feature for your safety. If you walk too close to the TV while it is on, the laser source will turn off and then turn back on when you move away from it</li> </ul>
The picture is washed out or lacks color	<ul style="list-style-type: none"> <li>• The TV screen can reject the ambient light from the top. Check if any light affect the screen from the bottom. Remove the light source from the lower position.</li> </ul>

 **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.