

USER MANUAL

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

English

Important Safety Precautions



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



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



ATTENTION
RISK OF SHOCK
ELECTRIC



Do not open the back cover.

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

Only a qualified technician is entitled to operate.

Disposal of Used Electrical & Electronic Equipment



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

Warning

A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- ALWAYS use cabinets or stands or mounting methods recommended by the manufacturer of the television set.
- ALWAYS use furniture that can safely support the television set.
- ALWAYS ensure the television set is not overhanging the edge of the supporting furniture.
- ALWAYS educate children about the dangers of climbing on furniture to reach the television set or its controls.
- ALWAYS route cords and cables connected to your television so they cannot be tripped over, pulled or grabbed.
- NEVER place a television set in an unstable location.
- NEVER place the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and television set to a suitable support.
- NEVER place the television set on cloth or other materials that may be located between the television set and supporting furniture.
- NEVER place items that might tempt children to climb, such as toys and remote controls, on the top of the television or furniture on which the television is placed.

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

Important Safety Precautions

Safeguards

Please read the following safeguards for your TV and retain for future reference. Always follow all warnings and instructions marked on the television.

1. A note about safety and operating instructions

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

2. Heed Warnings

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

3. Cleaning

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

4. Wall Mount Bracket

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

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

5. Water and Moisture

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

6. Setting

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

7. Ventilation

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

8. Power Source

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

9. Power-Cord Protection

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

10. Lightning

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

Important Safety Precautions

11. Power Lines

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

12. Overloading

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

13. Object and Liquid Entry

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

14. Outdoor Antenna Grounding

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

15. Servicing

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

16. Damage Requiring Service

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

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

17. Replacement Parts

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

18. Safety Check

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

19. Heat

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

20. Fire

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

21. Off-gassing

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

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First-Time Use

Home Screen

All TV functions can be accessed from the Home screen.

Display the Home Screen

Press  button on your remote control to enter the Home screen.

To exit the Home screen, use your remote control or use the navigation buttons on the screen to move the cursor to other icons, press  button to enter and select your desired service.

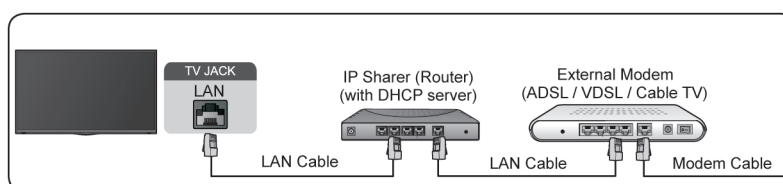
Connecting to the Internet

To get access to the Internet using a wired connection or connecting to an available wireless network.


Connect to a Wired (Ethernet) Network

To get access to the Internet using a wired connection, it is recommended to use a 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 do not have to enter them manually. Most home networks already have DHCP.

See the illustration below.



After connecting to a wired (Ethernet) network:

Press  button on your remote control to select **Settings > Network and Internet**.

Go to ETHERNET section, and set the TV network by pressing  button to enter the submenu.

- **Connection Type**

Show whether the Ethernet is connected.

- **Proxy settings**

You can set the proxy server.

- **IP settings**

Configure the IP setting for your network connection.

 **Related information**

[Network and Internet](#) on page 29

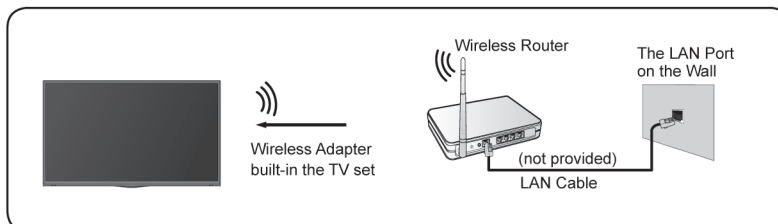
[Network Issues](#) on page 48

[My TV cannot connect to the network](#) on page 44

First-Time Use

Connect to a Wireless Network

To connect to an available wireless network, make sure that you turn on your wireless router and have the wireless router's SSID and password before attempting to connect.



To get access to the Internet using a wireless connection:

Press **⚙** button on your remote control to select **Settings > Network and Internet > Wi-Fi**.

To get access to the Internet in a wireless way:

1. Turn on your **Wi-Fi**.
2. The list of networks will display automatically.
3. Select a wireless network from the list, and input the password.
4. If the network connection does not appear in the list, select **See all** to display all the list, or select **Add new network** to input a wireless network name, select the type of security mode, and enter password.

☰ Related information

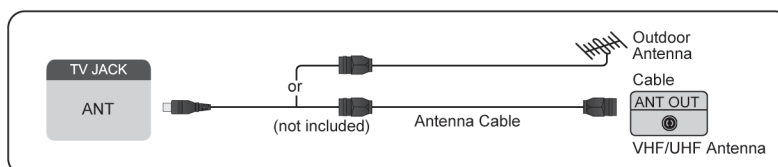
[Network and Internet](#) on page 29

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Prepare Live TV

Connect antenna/cable to the TV



Note:

- TV jacks may vary and antenna/cable function may not be applicable in some models/countries/regions.
- You may also connect devices that can receive broadcast signals such as a Set Top Box.

Start auto scan or manual scan

1. **INPUT** / **↺** > TV

First-Time Use


2. Press  button on your remote control to select **Settings > Channels and inputs > Channels > Auto Channel Scan/Manual Scan**.

Related information



[Channel Scan](#) on page 6

Using External Devices

Switch between external devices connected to the TV

1. Press **INPUT** /  button on your remote control.
2. Select your desired input source.

Edit the name of input sources

1. Press **INPUT** /  button on your remote control.
2. Press  button to rename input.

Note:

- Maximum name length is 36 characters.

Enjoy Live TV

Channel Scan

You can scan for channels automatically or manually.

Note:



Antenna/cable function may not be applicable in some models/countries/regions.



Auto Channel Scan

Automatically scan for channels to view programmes from your TV source.

INPUT /  > TV

If no TV channels were saved before, you will be prompted to do a channel search.

In Live TV,  /  > **Channels** > **Auto Scan**

Before you select Auto Scan, you can press  /  > **Channels** > **Tuner Mode** to select **Antenna** or **Cable**.

Manual Scan


Manually scan for channels for DTV or ATV.

In Live TV,  /  > **Channels** > **Advanced Settings** > **DTV Manual Scan/ATV Manual Scan**

Live Menu

You can obtain quick access to the channel list, favorite channel list or use relevant features with ease when watching TV programmes.

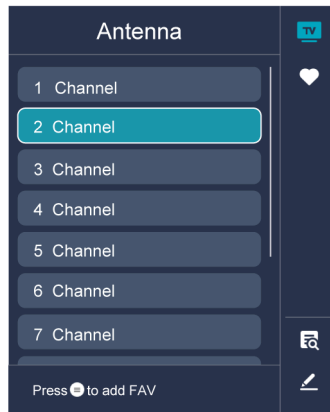
Display Channel List

In Live TV, press  button on the remote control to display the Channel List menu.

Learn about channel list sub-menu.

In Live TV,  > 

Enjoy Live TV



TV List

Display Live TV channel categories, such as **Cable** and **Antenna**.

Fav

Display favourite lists.

Search

Search for the content you want.

Edit

Edit the channel list.

Note:

- The sub-menu options may vary depending on models/countries/regions.

Related information

[Edit Channel List](#) on page 7

Display Favourite Channel List

In Live TV, press **OK** > **▶** > **▼** to select **FAV**, choose a favourite list and press **OK** button to display the favourite list.

Note:

- These steps should be operated under TV inputs.

Related information

[Edit Favourite Channel List](#) on page 8

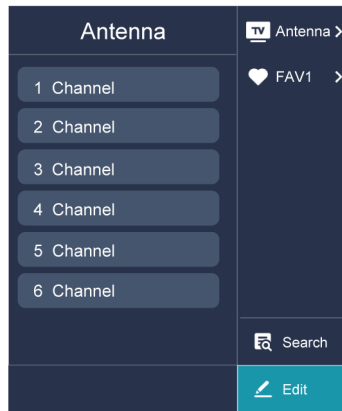
Channel Edit

Manually edit the channel list or favorite channel list to your preference.

Edit Channel List

Before you can edit the channel list, Channel Scan must be completed first.

Enjoy Live TV



Manage the Channels

In Live TV, press **OK** > **➤** to select a Live TV channel category such as Antenna or Cable, then use D-pad to select **Edit**.

- Delete:

1. Select the channel you want to delete, or press **OK** to select more channels.
2. Press **➤** button to delete.

- Restore:

1. Press **[RED]** button or press **123** button to display the colour menu and select RED to enter the list of deleted channels.
2. Press **◀** button to restore the deleted channel you choose.

Edit Favourite Channel List

Before you can edit the favourite list, Channel Scan must be completed first.

Add a channel to a favourite list

You can add channels from various reception types to the favourite list.

1. In Live TV, press **OK** button to display the channel list.
2. Press **☰/☷** button, select the channel(s) you want to add to the favourite list by pressing **OK** button.
3. Press **◀** button to select a favourite list.
4. press **OK** button to confirm.
5. Then, a heart-shape icon will appear next to the added channel.

Enjoy Live TV



Move or remove channels in a favourite list

If you want to remove favourite channels:

1. In Live TV, press **OK** > **→** > **▼** to select **FAV**, choose a favourite list and press **OK** button.
2. Press **≡** / **≡**, select the channel(s) you want to delete to the favourite list by pressing **OK** button.
3. Press **←** button to select **Delete Fav. Channel**, and then press **OK** button to confirm.
4. Then a heart-shaped icon will disappear on FAV list.



Note:

- These steps should be operated under TV inputs.
- Before you edit the favourite lists, complete channel scan first.

≡ Related information

[Channel Scan](#) on page 6

Guide(EPG)

The Guide (EPG) provides a convenient way to check TV programmes for the upcoming 8 days. The information displayed by the Guide (EPG) is made available by the commercial television networks for digital



Enjoy Live TV

channels only. The Guide (EPG) also provides a simple way to record your favourite programmes and a reminder function, which can switch channels automatically at scheduled times, so that you will not miss programmes of interest. The availability and amount of programme information will vary depending on the broadcaster.

Note:


- The Guide (EPG) function is only available for digital channels. Analogue channels are not supported.

Launch the Guide





In Live TV, press  /  > **Guide (EPG)** to display programme guide.

Learn about the Guide menu

• Watch

In Guide (EPG), when a current programme is selected, press  > **Watch** to switch to the channel you want to see.

• PVR/Reminder



In Guide (EPG), press  /  button to select the channels. Press  /  button to select programme based on the time schedule.

Press  button to select **PVR** or **Reminder**.



Note:

- The PVR function may not be applicable in some models/countries/regions.

• Scheduled

In Guide (EPG), press  [RED] button or press  button to display the colour menu and select RED. This will display a list of scheduled reminders and recordings.



• Detail

In Guide (EPG), press  [GREEN] button or press  button to display the colour menu and select GREEN. Details of the selected programme will be displayed.



Note:

- This function may not be applicable in some models/countries/regions.

• 24h-

In Guide (EPG), press  [YELLOW] button or press  button to display the colour menu and select YELLOW to select programmes of the previous day.

• 24h+

In Guide (EPG), press  [BLUE] button or press  button to display the colour menu and select BLUE to select programmes of the next day.

PVR

The PVR function allows you to easily record digital television content for later viewing. The function is only available for digital channels. To use PVR, you must connect a storage device for recording. The format of the storage disk should be NTFS, FAT32. The PVR will not function if a data storage device has not been connected.




Read before recording programmes

Note:



- To use PVR, you must connect a storage device for recording. PVR will not function if a data storage device has not been connected.
- The format of the storage device can be NTFS or FAT32. The storage space of your device should be no less than 2GB (for 15 minutes high-definition video). It is strongly recommended to use a USB mobile hard disk drive instead of a USB flash drive as the storage device.
- If the transfer rate of your hard disk is too slow, a pop-up notice will be displayed. In this case, you will need to use another disk with higher speed.
- Some broadcasters may restrict to record the programme.
- During the recording progress, channels locked with Channel Lock (password needed) are disabled to watch.
- Some channel-related configuration may conflict with background recording. In this case, a reminding window will pop up.
- The listed functions may not be applicable in some models/countries/regions.
- PVR function is only available for digital channels. Analogue channels are not supported.

Schedule Recording

In Live TV, press  /  > **Guide(EPG)**.

In Guide(EPG), select the upcoming programme, press  button to select **PVR** and set the appointment time and period. In Guide (EPG), press the  [RED] button or press  button to display the colour menu and select RED to view the scheduled recording. In schedule recording list, you can readjust the reservation information that has been set.

Instant Recording

In Live TV, press  /  > **PVR**.


Select a USB storage device. The device speed will be tested if it is used for the first time.

You can manually stop recording or choose to automatically match the programme time.

Standby Recording



If you press the power button during recording and select **Standby Recording**, your TV will go into standby mode but the recording process is still going on. If you press power button again to wake up the TV, the recording process will not be affected. After recording, the recorded file will be automatically saved to the disk.

Background Recording



When you switch to an App or another source (e.g. HDMI) during recording, the recording process will continue. When the recording has completed, the recorded programme will be automatically saved to the attached USB disk. If you want to manually stop recording, press **INPUT** /  button on your remote control and select TV to switch back to the channel that is currently being recorded.

Recording List

Access recording list



In Live TV, press / button on your remote control and select **Recording List**.

Watch recorded programmes


In Live TV, press / button on your remote control and select **Recording List > Recorded**.

Select a recorded programme in the recording list and press  button to watch it.



Manage recording list


In Live TV, press / button on your remote control and select **Recording List > Recorded**.



You can delete recorded programmes.

- Delete recorded programme
Select **Edit**, select a recorded programme in the recording list and press  button to delete it.

Manage schedule recording list

In Live TV, press / button on your remote control and select **Recording List > Scheduled**.

You can adjust the schedule recording information or cancel scheduled recordings. Schedule recording items are identified with  icons.



- Delete scheduled recording
Select **Edit**, select a scheduled recording in the schedule list and press  button to delete it.
- Edit scheduled recording
Select scheduled recording in the schedule list, then press  button to edit.

Note:

- The Recording List function may not be applicable in some models/countries/regions.

Timeshift

This option allows you to pause and rewind Live TV. This function operates by recording temporarily to a storage device. Please ensure your storage device is connected and there is enough free disk space, otherwise timeshift will not function.

In Live TV, press / button on your remote control and select **Timeshift**, then the playback bar will appear.

Note:

- The Timeshift function does not support analogue channels.
- The storage space of the device should be no less than 2GB. It is strongly recommended to use a USB mobile hard disk drive instead of a USB flash drive as the storage device.
- The Timeshift function may not be applicable in some models/countries/regions.

Learn about Live TV Support Settings

You can set video description, etc.

Video Description

Enables broadcasted descriptive audio for visually impaired.

Press  button on your remote control to select **Settings > Channels and inputs > Channels > Video Description**.

Related information


[Accessibility Menu Setup](#) on page 42

Benefits of Smart TV

Using a Google Account

Sign in with Google to get apps, Google Assistant, and personalized recommendations.

Signing into an account


When you turn on the TV for the first time, you can select **Set up Google TV** to sign into a Google Account by the setup guide, if you select **Set up basic TV**, you can also set it later by pressing  to select **Set up Google TV**.

- Set up with the Google Home app
- Set up on TV instead

Before signing into your Google account, make sure your TV is connected to the network. For more about network settings, please refer to [Connect to the Internet > Connect to a Wired \(Ethernet\) Network](#) or [Connect to a Wireless Network](#) in this manual, after the network is connected, enter your E-mail/phone and password, select **Sign In**.

Adding a kid account



You can create a personalized space for your kid with access to content they love and tools to help keep you in control.

1. After the network is connected,  > **Settings > Accounts and sign-in > Add a kid(or Add a child)**
2. Set up Google TV for a kid in your family, you can do the same for more kids later.

Adding another account

You can use other accounts within Google apps like YouTube, but you won't see recommendations for those accounts on the Google TV home screen.

Before creating a new account, make sure your TV is connected to the network. For more about network settings, please refer to [Connect to the Internet > Connect to a Wired \(Ethernet\) Network](#) or [Connect to a Wireless Network](#) in this manual.

1. After the network is connected,  > **Settings > Accounts and sign-in > Add another account**
2. Enter E-mail/phone and password.
3. Press .

Using Voice Control

Set up voice assistant to control your TV just by your voice.

Google Voice Setup

Voice Control may not be applicable in some models/countries/regions.

Google Assistant


You can ask for information, search for your favourite movies, control your TV and more, just by asking Google Assistant.

Before setting up Google Assistant, connect your TV to the network.

Benefits of Smart TV

How to start Google Assistant

You can choose this way to start Google Assistant:


- Press  button on your remote control.

Note:

- The Google Assistant function may not be applicable in some models/countries/regions.
- The setup steps above may vary depending on actual products.

Hands-free Voice Control



Google Assistant can answer your questions or help you change TV configuration.

Before using this function, connect the TV to the Internet and sign in your Google account, by pressing , select **Settings > Accounts and sign-in**

Note:

- Hands-free Voice Control may not be applicable in some models/countries/regions.

How to set up Hands-free Voice Control

1. Switch the control button on the bottom of the TV to  to turn on the microphone (If there's no indication mark, switch the control button to the left to turn on it. The function may change due to product upgrade.)
2. Pair the remote first, press  button to select "Yes, I'm in".
3. Start a conversation by saying "Hey Google", and the dialog bar appears at the top of the TV screen. At the same time, indicator lights illuminate (if it has the indicator).
4. Continue speaking, such as "What's the weather" or "volume up".

Screenless mode

 > **Settings > System > Advanced System > Screenless Mode**

Talk to Google Assistant when the screen is off.

In Screenless Mode, Google Assistant is always available to help even when the screen is not on. Just say "Hey Google".

This feature will affect standby power consumption.

Note:

- Google Assistant and some features are available on limited country/region/language.
- Screenless mode is only for models with far-field Google Assistant.

Alexa Setup

Set up to control your TV with any Alexa-enabled devices. Alexa can help you change the TV configuration. Using just your voice, you can change inputs, volume, channels, and more. Just ask Alexa.


What is required to control your TV with Amazon Alexa?

- Android TV models that support the Alexa skill.
- Amazon Echo device or Alexa App.
- Amazon account for Alexa App or Echo device, if you don't have the account, please create one before the setup process.

Benefits of Smart TV

- Sign in your TV account, you can create it before the setup process or in the period.
- Home network with Wi-Fi capabilities.
- For issues of accessing your Amazon account and using the Alexa app during setup, please visit amazon.com for help.

How to set up Alexa


1. Press , select **Settings > System > Advanced System > Amazon Alexa Service**
2. Select **Set up now**.
3. Link the TV to your account. Scan the QR code with your phone, or visit the website on your phone or computer, sign in your account, and enter the code showed on the TV. The webpage and code will be expired after 15 minutes.
4. Next, your TV screen shows a list of TV name. Select one from it or enter a custom name. Then, your TV will appear in the device name list on your phone or computer.
5. Download the Alexa app on your smart phone. Open the app and sign in with your Amazon account.
6. In the Alexa app, select Skills section, search and enable Smart TV skill. Follow the instructions to link your Amazon account by entering the same account that you've signed on your TV.
7. On your TV, select **Skill enabled** and **Done**.
8. Now, You can ask Alexa try some functions available for TV.

Note:

- Use external Alexa-enabled devices (e.g. Alexa App, Echo) to control your smart TV by using just your voice.
- After your TV account is created but you can't see the Link your TV step on your phone or computer, please sign out account and re-visit URL and sign in again.
- If you do not see "Amazon Alexa Service" in the System settings, then your TV does not support Alexa.
- The Alexa function may not be applicable in some models/countries/regions.
- The setup steps above may vary depending on actual products.

Voice Service Other Issues

If you want to turn on your TV with Alexa-enabled devices (e.g. Echo, Echo show) or Google Home devices (e.g. Google Home, Google Nest Hub), please:

1. Turn on **Screenless Mode** at  > **Settings > System > Advanced System**
2. Make sure your TV and Alexa-enabled devices/Google Home devices are connected to the same network environment.

Note:

- Only Alexa (Alexa skill is enabled) and Google Smart Home Service support turning on your TV with Alexa Echo or Google Home.
- This function may not be applicable in some models/countries/regions.

Related information

[Connect to a Wired \(Ethernet\) Network](#) on page 3

[Connect to a Wireless Network](#) on page 4

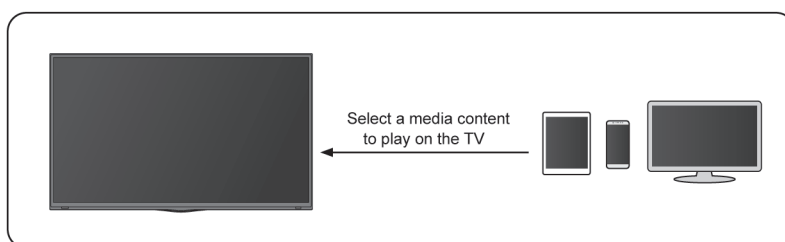
Benefits of Smart TV

Content Sharing

Content Sharing allows you to view media content, like videos, music or photos saved in your Android/iOS/PC device on your TV screen.

Share Media Content from your Device

1. Connect your TV and Android/iOS/PC device to the same network.
2. Turn on Content Sharing at **⚙️ > Settings > System > Advanced System > Content Sharing**
3. Turn on the content sharing function in your Android/iOS/PC device.
4. Find the TV name in the search list of your device and select it. Wait for the connection progress to complete.
5. On your Android/iOS/PC device, choose the media content you want to share on your TV.



Related information

[Connect to a Wired \(Ethernet\) Network](#) on page 3

[Connect to a Wireless Network](#) on page 4

Play Media Content from your Device on the TV

You can connect media content saved in your Android/iOS/PC device to your local network and play the content on your TV.

1. Connect your TV and Android/iOS/PC device to the same network.
2. Turn on Content Sharing at **⚙️ > Settings > System > Advanced System > Content Sharing**
3. Make sure your media content in your Android/iOS/PC device are visible through the local network.
4. On your TV, select a device with media content at **⚙️ > Settings > Apps > MediaCenter**, or **🏠 > Your Apps > MediaCenter**. The media content list in your Android/iOS/PC device appears.
5. Select a media content item from the list to play.

Note:

- Some Android/iOS/PC devices may not support content sharing function. If your device does not support content sharing, you can download an app that supports the function to connect to your TV.
- Content may not be played depending on the file format.
- Content may not be played smoothly, or the function may not work properly due to the network condition.

Connecting to External Devices

Connecting Bluetooth Devices


You can connect to devices using Bluetooth technology.

Turn on Bluetooth Feature on your TV

Press  button to select **Settings > Remotes and accessories > Bluetooth Visibility to On**.

Connecting a Bluetooth device

To pair a Bluetooth device, such as Bluetooth headphones, speakers, keyboards, mouse or even mobile devices:

1. Before pairing your Bluetooth devices, make sure they're in pairing mode and put devices within range of the TV. To put your Bluetooth devices in pairing mode, refer to the user manual of devices.
2. Press  button to select **Settings > Remotes and accessories > Pair accessory** to put the TV in pairing mode. A list of available Bluetooth devices will be displayed.
3. Select the desired device from the list, then follow the onscreen instructions. If you are prompted to enter a passcode, refer to the user manual of the device.


Note:

- You need to unpair a paired device first if the maximum number of paired devices was reached.

Note:

- Only one Bluetooth speaker or Bluetooth headphone can be connected to the TV. If a new Bluetooth speaker or headphone connects to the TV, the existing one will be disconnected automatically.
- Some compatibility issues may occur depending on the Bluetooth device.
- Bluetooth keyboards may not be functional with some applications.
- The TV and Bluetooth devices may become disconnected if the distance between them is too long.
- This function may not be applicable in some models/countries/regions.

Listen to the Audio through Bluetooth Devices



1. Pair the Bluetooth audio devices using the TV's Bluetooth function. Refer to the user manual of your audio device such as Bluetooth speaker, sound bar and headphones for detailed connection steps and usage.
2. Press  button on your remote control to select **Settings > Display and sound > Audio Output**, and then select the **Bluetooth** option to listen to the audio through bluetooth devices.

Note:

- Compatibility issues may occur depending on the Bluetooth device.
- The TV and Bluetooth devices may become disconnected if the distance between them is too long.
- This function may not be applicable in some models/countries/regions.

Sharing your Smart Phone/Computer Screen on the TV

Mirror content from your mobile device to the TV. View videos, photos and more from your device on your TV screen.

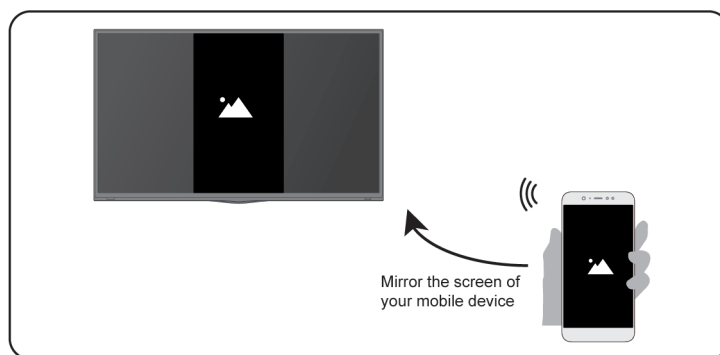
Press  button to select **Apps**, and then select **Screen Sharing** or  > **Settings > Apps > Screen Sharing**

Connecting to External Devices

1. Connect your mobile device to the wireless network.
2. Turn on the casting function of your Android/Windows10 device. The function name and location will be different according to your device. The feature may be called "Wireless display", "Smart view", "Wireless projection", etc.
3. Find the TV name in the search list of your device and select it. Wait for the connection progress to complete and your mobile device's screen will be mirrored on the TV.

Note:

- Some mobile devices may not support casting feature.



☰ Related information

[Connect to a Wireless Network](#) on page 4


Using AirPlay and HomeKit

Note:




This function may not be applicable in some models/countries/regions.

Using Airplay

Use AirPlay to wirelessly share audio and video content from your iPhone, iPad, or Mac to your TV. Stream music and videos, share your photos, or mirror exactly what's on your device's screen.

AirPlay is a source in Inputs. Press the **INPUT** /  button on your remote control to select the AirPlay, then select AirPlay and HomeKit Settings. You can also find AirPlay and HomeKit settings in system settings on your TV.

How to use AirPlay:

1. Make sure your Apple device is connected to the same network as your TV.
2. Locate the AirPlay icon on supported media apps, or the Screen Mirroring icon in Control Center on your Apple device. Depending on the content, these steps may vary:
 - To mirror your device's screen, open Control Center and tap Screen Mirroring .
 - To stream audio from supported music or podcast apps, tap AirPlay audio .
 - To stream video from supported apps, tap AirPlay video .
3. Select your TV from the list to begin using AirPlay.

Note:

Connecting to External Devices

- An AirPlay-enabled TV.
- The TV and Apple devices are connected to the same network.
- The icon is only for reference. In some apps, you may have to tap another icon first.
- If an AirPlay passcode appears on your TV screen, enter the passcode on your Apple device to continue.

Using HomeKit

Use HomeKit to easily and securely control your TV using your Apple devices.

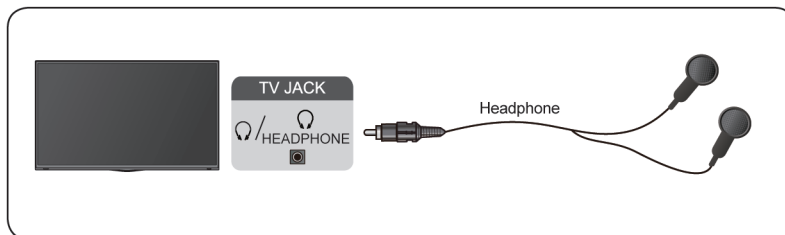
1. To set up HomeKit, open AirPlay and HomeKit settings on the TV. Locate the HomeKit section and select 'Set Up'.
2. The HomeKit setup screen will display a pairing QR code on the TV. Use your iPhone or iPad to scan the QR code, then follow the on-screen directions to complete HomeKit setup.

Note:

- Available operations vary depending on the version of the app and software.

Connecting Headphones

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



Note:

- Headphone port may not be available in some models.
- Headphones with microphones are not supported.
- If **Headphone with Speakers** is selected in **Settings > Display and sound > Audio Output > Headphone Mode**, the headphone and the TV will have sound output at the same time.

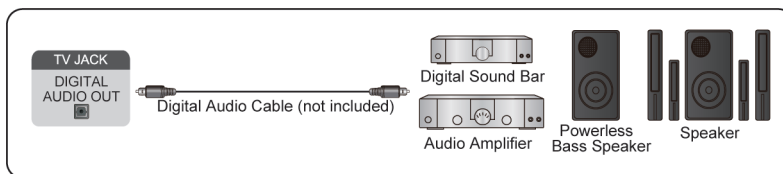
Connecting Speakers or Other Audio Receivers

To connect speakers or other audio receivers with an audio cable (not provided), see the illustration below.

Ensure the audio connected devices are switched on before switching on the TV.

When a digital audio system is connected to the DIGITAL AUDIO OUT port, decrease the TV volume, and use your digital audio system to control the volume.

Connecting to External Devices



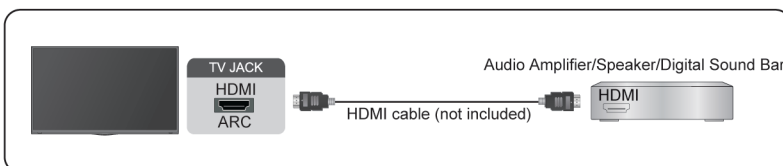
Note:

- If you prefer to use Audio Return Channel/Enhanced Audio Return Channel, please refer to [Connecting to External Devices > Connecting a Digital Audio System with ARC/eARC](#) in this manual.
- You can connect the DIGITAL AUDIO OUT port on the back of the TV to the optical port on the amplifier. Then go to **⚙️ > Settings > Display and sound > Audio Output > Digital Audio Output** to choose **Dolby Audio - Dolby Digital** to receive the Dolby Digital audio.

Connecting a Digital Audio System with ARC/eARC

If you would like to use the ARC(Audio Return Channel)/eARC(enhanced Audio Return Channel) feature to send sound from the TV by a HDMI cable to a digital sound system, you can connect it to the HDMI (ARC/eARC) port of your TV.

By using this feature, you can also control the sound system with your TV remote instead of using the remotes for each device.



After the connection:

1. Power on the sound system.
2. Press **⚙️** button on your remote control to select **Settings > Display and sound > Audio Output > Audio Output > ARC/eARC**

Note:

- Audio receiver must support ARC/eARC function.
- If the device has an Input Selector feature, then make sure to change it to TV.
- When this port is used for ARC function, it can be used as signal input when a DVD is connected to an amplifier and the amplifier is connected to the TV at the same time. Some amplifiers may not support series connection.
- 5.1 CH (channel) audio is available when the TV is connected to an external device that supports 5.1 channel surround sound. You can press **⚙️** button on your remote control to select **Settings > Display and sound > Audio Output > Digital Audio Output** to choose **Dolby Audio - Dolby Digital Plus** to receive the 5.1 channel audio.

☰ Related information

[Select Speakers](#) on page 28

Settings Overview

Picture

Adjust picture mode, picture size and other advanced picture settings.

Use the Backlight

Press  button on your remote control to select **Settings > Display and sound > Picture > Backlight**

You can change the overall brightness of the screen.

- **Dynamic Backlight Control (or Local Dimming if support)**

Enable the TV to automatically adjust the backlight by sections according to the changes in the image and increase the contrast.

- **Backlight Level**

Adjust the bright you want images to appear, lower settings create darker images.

- **Automatic Light Sensor**

Enable the TV to automatically adjust the picture settings according to the amount of ambient light in your room.

- **Light Sensor Shift**

Adjust the lower point of the dynamic backlight adjustment scope. This is a money-saving feature because it reduces power consumption.

Note:

- Some functions above may not be applicable in some models/countries/regions.

 **Related information**

[Picture Issues](#) on page 46

Choose a picture mode

Press  button on your remote control to select **Settings > Display and sound > Picture > Picture Mode**.

You can select the picture mode that provides the best viewing experience.

Note:

- Options may differ depending on your model/country/region and the content you are watching. Please refer to the specific product.

When you use a normal signal

If you would like to configure the settings for your picture, then there are some types of picture modes available:

- **Dynamic**

Use Dynamic mode for content that requires vivid picture quality.

- **Standard**

Use Standard mode for watching normal content, such as News, Drama or Documentaries.

- **Natural**

Use Natural mode for watching natural content.

Settings Overview

- **Game**

Enable Game Mode to optimize the TV's settings to enjoy a better gaming experience with a PC or a game console connected to the TV.

There is no Game mode in tuner and USB source in some models.

- **Sports(Football/Cricket)**

Optimized picture for watching sports.

This function may not be applicable in some models/countries/regions.

- **Cinema**

Cinema mode.

- **Calibrated**

Use Calibrated mode for better experience.

- **FILMMAKER MODE**

A picture quality mode.

This function may not be applicable in some models/countries/regions.

Low Blue Light for TUV Certification

Low blue light are designed to reduce the level of blue light to protect your eyes.

Go to **Settings > Display and sound > Picture > Advanced Settings**, and select **Low Blue Light** to turn it on.

To reduce the eye strain and protect eyes when you watch TV for a period of time, you are suggested to:

- Take regular and frequent breaks to avoid watching TV for a long period of time. Long time of watching may cause eye fatigue. It is not recommended to watch TV for more than one hour.
- Look away from the TV screen and look at distance objects during the breaks for at least 10 minutes for eye care.
- Relax yourself during a break by doing eye exercises or outdoor activities.
- The best recommended viewing distance is 3 times the vertical height of the TV screen.

Proper breaks and exercises are proved excellent help to relieve eye strain and fatigue.

Note:

- This feature may not be applicable in some models/countries/regions. Low blue light certification may vary by model.

When you use a HDR signal

HDR (high dynamic range) can improve the viewing experience with higher contrast and vivid colours. Bright whites look brighter and dark blacks look darker. TV can display a wide range of colours.

Note:

- When you use a HDR signal, the picture mode is HDR picture mode.

When you use a Dolby Vision signal

Inspired by cinema technology, Dolby Vision is the format that allows your TV to deliver a full range of colours, high dynamic range images, brighter whites and dark blacks using scene-by-scene calibration.

Note:

Settings Overview

- When you use a Dolby Vision signal, the picture mode is Dolby Vision picture mode.

Related information

[Picture Issues](#) on page 46

Configure Advanced Settings

Press  button on your remote control to select **Settings > Display and sound > Picture > Advanced Settings**

You can configure picture mode settings that provides the best viewing experience.

- **Colour Temperature**
Adjust how warm (red) or cool (blue) the white areas of an image appears.
- **Motion Enhancement**
Reduce seeing afterimages that are left on the screen when viewing fast-moving objects.
If you select **Custom**, you can configure **Blur Reduction** and **Judder Reduction** manually.
- **Motion Clearness**
Improve how clear the picture appears when viewing.
This function may not be applicable in some models/countries/regions.
- **Noise Reduction**
Improve how clear the picture appears by reducing noise.
- **Digital Noise Reduction**
Improve picture clarity by reducing video noise.
- **HDMI Dynamic Range**
Adjust the HDMI signal range to be more suitable for the content. (HDMI mode only)
- **Active Contrast**
Automatically darken dark areas and lighten light areas of images to see more details.
- **FILMMAKER MODE Auto Detect**
A picture quality mode, which can automatically switch according to the film source if you turn on.
- **Enhanced Viewing Angle**
Set to On to optimize your viewing angle, and you will enjoy a better watching experience.
This function may not be applicable in some models/countries/regions.
- **Colour Space**
Change the range of colours the TV displays.
- **Instant Game Response**
Refer to [Enabling instant game response](#) in this manual.
- **FreeSync(or PC Sync for some models)**
Refer to [Enabling FreeSync](#) or refer to [Enabling PC Sync](#) in this manual.
This function may not be applicable in some models/countries/regions.
- **Low Blue Light**
Eye care: reduce the emission of blue light.
This function may not be applicable in some models/countries/regions.

Settings Overview

Note:

- Some functions above may not be applicable in some models/countries/regions.

Related information

[Picture Issues](#) on page 46

Configure Calibration Settings

Press  button on your remote control to select **Settings > Display and sound > Picture > Calibration settings**

Adjust the colour space and Gamma to best suit the content you're viewing.

- **Colour Tuner**

Adjust the Colour, Hue, Saturation and Brightness of colour settings.

- **White Balance**

Adjust the intensity of red, green and blue lights to view the true colours of all images in the picture.

- **Gamma**

Adjust the Gamma to alter how the TV will respond to the grayscale content. In a dark room choose a Higher number like 2.2. In a brighter area select a Lower number like 2.0. In general, 2.4 is normally recommended.

- **Gamma Calibration**

Adjust selected Gamma curve.

- **RGB Only**

View images based on default settings or choose the colour red, blue or green.

Note:

- Some functions above may not be applicable in some models/countries/regions.

Related information

[Picture Issues](#) on page 46

Reset the picture settings

Press  button on your remote control to select **Settings > Display and sound > Picture > Reset**

Reset current picture settings back to the factory setting.

Screen

Adjust screen related settings.

Change the Aspect Ratio

Press  button on your remote control to select **Settings > Display and sound > Screen > Aspect Ratio**

You can adjust the Aspect Ratio to stretch or zoom in on your picture. You can choose from the following settings: **Automatic, 16:9, 4:3, Panoramic, Movie Zoom, Direct, 21:9** or **32:9**.

Note:

- Using the special functions to change the size of the displayed image (e.g. changing the height/width ratio) for the purpose of public display or commercial gain may infringe on copyright laws.

Settings Overview

- If the aspect ratio of the selected format is different from the one of the TV transmission or video programme, it can cause a difference in vision.
- When using PC connected via HDMI terminal, the moving image quality may be deteriorated.

Related information

[Picture Issues](#) on page 46

Use the Overscan Function

Overscan

Press  button on your remote control to select **Settings > Display and sound > Screen > Overscan**

Turn on or off the Overscan. This function can change the video size settings to slightly crop the edges of the displayed image.

Sound

Adjust sound mode and other advanced sound settings.

Choose a Sound Mode

Press  button on your remote control to select **Settings > Display and sound > Sound > Sound Mode**

You can select a preset sound mode suitable for the content type or the listening environment.

- **Standard**

In Standard mode, the TV delivers a flat frequency response, which preserves the natural characteristics of the original sound.

- **Theatre**

Theatre mode increases the surround sound effect and provides a more prominent bass response.

- **Sports(Football/Cricket)**

Optimized sound for watching Sports events.

The name here will vary depending on models/countries/regions.

- **Music**

In Music mode, low and high frequencies are emphasised to enhance musical instrument reproduction.

- **Speech**

In Speech mode, low and high frequencies are attenuated to improve the reproduction and clarity of the human voice.

- **Late Night**

In Late Night mode, the TV will improve the reproduction and clarity of the human voice with a low volume level.

- **Auto Mode**

The sound mode will be adjusted automatically.

Note:

- Auto Mode may not be applicable in some models/countries/regions.
- Sound mode adjustment is only available when you select TV speaker as audio output.

Settings Overview

Related information

[Sound Issues](#) on page 47

Adjust the Sound Quality

Press  button on your remote control to select **Settings > Display and sound > Sound**, and adjust the settings.

Note:

- Options may differ depending on your model/country/region and the content you are watching. Please refer to the specific product.

- **TruBass HDX**

Optimizes overall sound quality by increasing bass, making dialogue clear and natural, and widening the sound field.

- **TruSurround: X**

Provides surround sound experience with psycho-acoustic processing to place sounds beside, behind, and above the viewer. For best results with Surround Sound.

- **Dialogue Clarity**

Use this option to improve dialogue clarity.

- **TruVolume HD**

Maintains consistent loudness levels from wide dynamic range programmes, loud commercials, and channel or input changes.

- **Dolby Atmos**

Set Dolby Atmos to On to enhance the richness of sound, and you can enjoy an immersive listening experience.

Note:

- When Dolby Atmos is turned on, Dolby Atmos virtualization will be switched on automatically when Theatre or Sports(Football) is selected in sound mode. Dolby Atmos virtualization will be switched to Auto mode when other sound modes are selected.
- When Dolby Atmos is turned off, Dolby Atmos virtualization will be switched off automatically in any sound mode.

- **Bass Boost**

Enhance the perception of bass frequencies to provide deep, rich bass response from the TV's internal speakers.

This function may not be applicable in some models/countries/regions.

- **Wall Mount Setup**

Automatically optimize the sound based on the position of the TV.

This function is only available when you select TV speaker as audio output.

Related information

[Sound Issues](#) on page 47

Settings Overview

Configure Advanced Settings

Press  button on your remote control to select **Settings > Display and sound > Sound > Advanced Settings**

Tune the audio settings and quality of the TV.

- **Balance**
Adjust the left and right speaker strength to optimize audio for a specific location.
- **Volume Level**
Balance the sound volume of each source.
- **Auto Volume Control**
Activate to prevent the volume from changing when you switch TV channels.
- **Lip Sync**
Synchronize the displayed image with the audio output.
- **Equalizer**
Boost the volume at different frequencies.

Related information

[Connecting Bluetooth Devices](#) on page 18

[Connecting Headphones](#) on page 20

[Connecting Speakers or Other Audio Receivers](#) on page 20

[Connecting a Digital Audio System with ARC/eARC](#) on page 21

Reset the sound settings


Press  button on your remote control to select **Settings > Display and sound > Sound > Reset**

Reset current audio settings to factory mode.

Audio Output

Adjust the audio output settings.

Select Speakers

Press  button on your remote control to select **Settings > Display and sound > Audio Output**, choose **Audio Output** and select the speakers which you want to use.

Configuring WiSA Speaker Settings

Press  button on your remote control to select **Settings > Display and sound > Audio Output > WiSA Speaker Settings**.

Wireless audio transmission can be available with Dongle provided by WiSA Ready and sound system certified by WiSA Ready.

Note:

- WiSA Speaker Settings may not be applicable in some models/countries/regions.

Related information

[Connecting Speakers or Other Audio Receivers](#) on page 20

Settings Overview

[Connecting a Digital Audio System with ARC/eARC](#) on page 21

Adjust the Audio Output Settings

Press  button on your remote control to select **Settings > Display and sound > Audio Output**, and you can adjust your audio output settings.

Options may differ depending on your model/country/region and the content you are watching. Please refer to the specific product.

- **eARC**

Connect an audio device that supports eARC via HDMI-eARC, and set eARC to On to enjoy premium sound quality.

- **TV speaker**

Turn on or off the TV speaker.

This menu is only available when you select TV speaker as audio output.

- **Digital Audio Output**

Select the digital audio output format that best suits the audio device type.

Note:

- When using optical connection, PCM and Dolby Digital are suggested.
- If your external audio device does not support Dolby or DTS, PCM is suggested.

- **Digital Audio Delay**

Adjust the digital audio output delay time to sync sound from an external speaker with the images on the TV.

Note:

- Digital Audio Out and Digital Audio Delay functions are only applicable when Audio Output is set to ARC or when external audio players are connected via DIGITAL AUDIO OUT jack.

- **Headphone Mode**

Change the way audio is sent through the type of device that's connected to your TV Audio Out port.

This function may not be applicable in some models/countries/regions.

- **Headphone Volume**

Independently adjust the volume of audio out devices.


This function may not be applicable in some models/countries/regions.

Network and Internet

You can connect to the internet with Wi-Fi, ethernet, or your phones hotspot.

For additional information about Network and Internet, please refer to [First-Time Use > Connect to the Internet](#) in this manual.

Data saver

Press  button on your remote control to select **Settings > Network and Internet > Data saver**

Automatically adjusts video quality to use less mobile data. Data Saver will monitor and limit your network traffic.

Settings Overview

You can turn this feature On or Off depending on your needs.

Related information

[My TV cannot connect to the network](#) on page 44

[Connect to a Wired \(Ethernet\) Network](#) on page 3

[Connect to a Wireless Network](#) on page 4

Data usage and alerts

Press  button on your remote control to select **Settings > Network and Internet > Data usage and alerts**

You can see how much data you used today, also you can set data alerts to On to remind you.

For additional information about Network & Internet, please refer to First-Time Use section.

Related information

[My TV cannot connect to the network](#) on page 44

[Connect to a Wired \(Ethernet\) Network](#) on page 3

[Connect to a Wireless Network](#) on page 4

Scanning always available

Press  button on your remote control to select **Settings > Network and Internet > Scanning always available**

Let Google's location service and other apps scan for networks, even when Wi-Fi is off.

Related information

[My TV cannot connect to the network](#) on page 44

[Connect to a Wired \(Ethernet\) Network](#) on page 3

[Connect to a Wireless Network](#) on page 4


General

You can set up system settings.

Note:

- The menus displayed vary depending on models/countries/regions.

Set Time

Press  button on your remote control to select **Settings > System > Date and time**

- Automatic date & time

You can choose to use network-provided time. You can also set the current time manually when Off is selected. When Off is selected, the TV network may not be working properly.

- Set date

Set the date.

- Set time

Set the time.

- Set time zone

Select your time zone.

Settings Overview

- Use 24-hour format
Set the time to display in a 12 or 24-hour format.

Use Timer

Press  button on your remote control to select **Settings > System > Power and energy > Power**

- **Sleep Timer**

Set the sleep timer to automatically turn the TV off within a specified time: off, 10 Minutes, 20 Minutes, 30 Minutes, 40 Minutes, 50 Minutes, 60 Minutes, 90 Minutes and 120 Minutes.

- **Power On Timer Type**

Set the type Off, Daily, Once.

- **Power On Timer**

Set the clock for the time you want the TV to turn on automatically.


- **Power Off Timer Type**

Set the type Off, Daily, Once.

- **Power Off Timer**


Set the clock for the time you want the TV to turn off automatically.

Set Language

Press  button on your remote control to select **Settings > System > Language**

Adjust the default Language settings for the TV.


Ambient Mode Settings

Press  button on your remote control to select **Settings > System > Ambient Mode**

Activate a screensaver when your TV displays a still image for a period of time. Set the time according to your preference.


Configure Device Preferences Settings

Keyboard

Press  button on your remote control to select **Settings > System > Keyboard**

Adjust the default settings for the keyboard.

Storage

Press  button on your remote control to select **Settings > System > Storage**

View the TV storage.

Power and energy

Press  button on your remote control to select **Settings > System > Power and energy**

Settings Overview

- **Power on behavior**

Select the screen to start when powering on the TV.

You can select **Home screen** or **Last input**.

- **Energy saver**

Turn off display after 15 minutes, 30 minutes, 1 hour, 4 hours, 8 hours, 12 hours, 24 hours, Never.

- **Power**

You can set **Power LED** ON or OFF, set **Power On Mode** to **Remember**, **Standby**, **On**. Also, you can use the timer.

Cast

Press  button on your remote control to select **Settings > System > Cast**

This function is remote control notification.

Let others control your cast media. Show a notification on all Android devices connected to your Wi-Fi and let them control media casting to this device.

You can select **Always**, **While casting**, **Never**.

System sounds

This is a switch for system sounds.

Related information

[Use Timer](#) on page 31

Configure Advanced System Settings

Press  button on your remote control to select **Settings > System > Advanced System**.

Store Mode

You can choose to turn on/off store mode. For more about the usage mode, please refer to [Settings Overview > Support > Set Usage Mode](#) in this manual.

Screenless Mode

If your models support Hands-free Voice Control function, you can talk to the Google Assistant even when the screen is off. In screenless Mode, the Google Assistant is always available to help even when the screen is not on. Just say "OK Google/Hey Google". This feature will affect standby power consumption when it is set to On.

Note:

- The Google Assistant and some features are available on limited country/region/language.
- This function may not be applicable in some models.

Wake on Cast

You can enable or disable Wake on Cast function which is able to remotely wake up the TV through external devices.

Note:

- This function may not be applicable in some models/countries/regions.

Settings Overview

Serial/IP Control Port

Our TV supports IP control feature within the local area network (LAN). TV can accept the spec-compliant instructions issued by the device in the same local area network through the pre-defined network interface and command format, like shutdown, volume up/volume down, switch channels, etc.

Note:

- This function may not be applicable in some models/countries/regions.

Clear Cache

Clear cache of applications and system.

Support

You can set up support settings.

Note:

- The menus displayed vary depending on models/countries/regions.

System message

Press  button on your remote control to select **Settings > System > Advanced System > Help > System message**

View system message, including: Serial Number, Service Code, Software Version, etc.

Signal Information

Press  button on your remote control to select **Settings > System > Advanced System > Help > Signal Information**


Perform self diagnosis to test Video Format, Audio Format, Colour Depth, etc.

Check Software Version

To check the current software version of your TV:

Press  button on your remote control to select **Settings > System > Advanced System > Help > System message**

System Update

Press  button on your remote control to select **Settings > System > About > System update**

Set your TV to receive the latest firmware. Provide software updates to continuously enhance your TV and correct any issues that may impact your user experience; therefore, recommend you to keep your TV connected to the Internet to automatically receive updates when they are available.


Set Usage Mode

Set the TV to use in Home or Store mode.

Settings Overview



Home Mode




Select Home Mode for normal TV usage.

If you want to switch to Store Mode when the TV is in Home Mode, turn on **Store Mode** at  > **Settings** > **System** > **Advanced System**.

Store Mode

Select Store Mode to setup the TV in a retail setting. This mode enables E-Pos and other demo functions and is only intended for use in retail stores.

When Store Mode is selected, press  /  button on your remote control to enter store mode settings.

If you want to switch to Home Mode when the TV is in Store Mode, press  /  button on your remote control to enter **Store Mode Settings** and choose **Home Mode**. Alternatively, turn off **Store Mode** at  > **Settings** > **System** > **Advanced System**.

Note:

- Enabling Store Mode could increase energy consumption.
- How to exit Store Mode varies depending on models/countries/regions.

Using Parental Control

Press  button to select **Settings** > **Channels and inputs** > **Channels** > **Parental Control**.

The Parental Control setting allows you to block content that is not appropriate for children to watch.

• Locks

Turning on Parental Control.

1. Turn on Locks to enable the Parental Control function.
2. Create PIN window displays. Using the D-pad on your remote control, create the password.
3. You will see other Parental Control settings change from a greyed out state to highlighted. When this occurs, begin adding other settings to the **Block Time**, **Channel Block**, **Programme Block**, **Input Block**, **Change PIN** and **Reset** features.

• Block Time

The following locks will take effect only for the defined period of time.

• Channel Block

Block selected channels.

• Programme Block

Block programmes by ratings.

• Input Block

Block selected inputs.

• Change PIN

Change the PIN that you use to access Parental Control.

• Reset

Reset Parental Control back to the factory setting.

Settings Overview

Reset to Factory Default

Press  button on your remote control to select **Settings > System > About > Reset > Factory reset**

Restore your device to default settings and erase all data, accounts, files, and downloaded apps.


Game

You can connect to your game console and set up settings to optimize the TV screen for better gaming performance.

Connect a Game Console

You can connect your game console with a HDMI cable to the TV.

To start a game from a game console:

1. Switch on your game console.
2. Press **INPUT** /  button, select the connected game console as the input source.
3. Start the game.

You can enable the game mode to optimize your TV's settings when playing games with a game console.

Related information

[Enabling game mode](#) on page 36

Enabling game mode

Press  button on your remote control to select **Settings > Display and sound > Picture > Picture Mode > Game**

Enable **Game** mode to optimize the TV's settings to enjoy a better gaming experience with a PC or a game console connected to the TV.

Game mode will allow:

- Reducing input lag to make sure every press or click matches what is happening on the screen;
- Improving responsiveness to produce very little motion blur;
- Processing YUV 4:4:4 format signals precisely to present accurate image colours.


Note:

- This function may not be applicable in some input sources or applications.

Related information

[Connect a Game Console](#) on page 36

Enabling instant game response

Press  button to select **Settings > Display and sound > Picture > Advanced Settings > Instant Game Response**

You can enjoy a smooth viewing experience with external device connected to the TV when **Instant Game Response** is turned on.

Note:

- When Game mode is selected, Instant Game Response will not be switched off automatically.

Enabling FreeSync

Press  button to select **Settings > Display and sound > Picture > Advanced Settings > FreeSync**


Entertainment

You can enjoy a smooth viewing experience with external device connected to the TV when **FreeSync** is turned on.

Note:

- This function may not be applicable in some models/countries/regions.

Enabling PC Sync

Press  button to select **Settings > Display and sound > Picture > Advanced Settings > PC Sync**

You can enjoy a smooth viewing experience with external device connected to the TV when **PC Sync** is turned on.

Note:

- This function may not be applicable in some models/countries/regions.

Media

Media is a central location for you to view or listen to different types of content, such as photos, music and movies. You can view media content through the following methods:





- A USB thumb drive or hard drive.
- Compatible mobile phone, tablet or other personal devices: you can stream movies, music and photos that are stored on compatible personal device and play or view the content on your TV.

By default, there is **Content Sharing** displayed on the Media screen. If your mobile device is connected to the TV, its name also appears on the Media screen.

For more information about **Content Sharing**, please refer to [Benefits of Smart TV > Content Sharing](#) in this manual.

Enjoy Photos/Audio/Video Stored on a USB Device

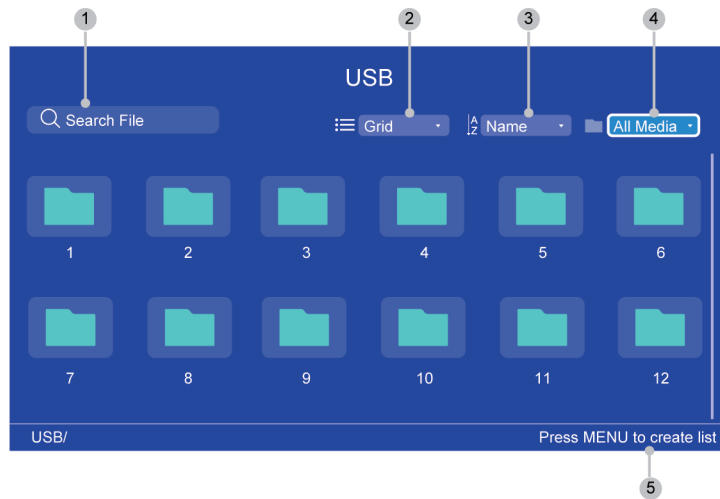
You have some ways to enter Media:

- Insert a USB device, a prompt message appears, press  /  to open it.
- Press  button to select **MediaCenter** from your Apps list on home page.
- Press  button to select **Settings > Apps > MediaCenter > Open**

Then select **connected devices**.

Select the content you want to play on the screen, like pictures, videos and music.

Entertainment



- 1 Search the content you want to play.
- 2 Arrange the content list by **Grid, List**.
- 3 Sort the content list by **Name, Date Modified, Size**.
- 4 Filter the content list by **All Media, Music, Photos, Videos**.
- 5 Create a photo, music, or video playlist.

Note:

- Some options in the above table may not be available in some models/countries/regions.
- The image is only for reference and may differ from the actual product.
- You must obtain any required permission from copyright owners to download or use copyrighted content. Manufacturer cannot and does not grant such permission.

Media format list

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

The listed formats may not be supported depending on the model.

Video Format

Container	Video Codec	File Extension Name	Resolution and Frame Rate
MPEG program stream	MPEG1/2	.DAT, .VOB, .MPG, .MPEG	1920 x 1080 @ 60fps
	MPEG4		3840 x 2160 @ 60fps
	H.264		
MPEG transport stream	HEVC/H.265	.ts, .trp, .tp	3840 x 2160 @ 60fps
	MPEG4		1920 x 1080 @ 60fps
	H.264		3840 x 2160 @ 60fps

Entertainment

Container	Video Codec	File Extension Name	Resolution and Frame Rate
	VC1		1920 x 1080 @ 60fps
	MPEG1/2		1920 x 1080 @ 60fps
	AVS		
	AVS+		
	AVS2		3840 x 2160 @ 60fps
MP4	VP8	.mp4, .mov	1920 x 1080 @ 60fps
	AV1		3840 x 2160 @ 60fps
	HEVC/H.265		
	MPEG1/2		1920 x 1080 @ 60fps
	MPEG4		
	H.263		
	H.264		3840 x 2160 @ 60fps
	WMV3		1920 x 1080 @ 60fps
	VC1		
	Motion JPEG		1920 x 1080 @ 30fps
MKV	VP9	.mkv	3840 x 2160 @ 60fps
	HEVC/H.265		
	MPEG1/2		1920 x 1080 @ 60fps
	MPEG4		
	H.264		3840 x 2160 @ 60fps
	WMV3		1920 x 1080 @ 60fps
	VC1		
	Motion JPEG		1920 x 1080 @ 30fps
	VP8		1920 x 1080 @ 60fps
	AV1		3840 x 2160 @ 60fps
AVI	HEVC/H.265	.avi	3840 x 2160 @ 60fps
	MPEG1/2		1920 x 1080 @ 60fps
	MPEG4		
	Sorenson H.263		
	H.263		
	H.264		3840 x 2160 @ 60fps
	WMV3		1920 x 1080 @ 60fps
	VC1		
	Motion JPEG		1920 x 1080 @ 30fps
	VP8		1920 x 1080 @ 60fps

Entertainment

Container	Video Codec	File Extension Name	Resolution and Frame Rate
FLV	HEVC/H.265	.flv	3840 x 2160 @ 60fps
	MPEG4		1920 x 1080 @ 60fps
	Sorenson H.263		
	H.263		
	H.264		3840 x 2160 @ 60fps
	Motion JPEG		1920 x 1080 @ 30fps
	VP8		1920 x 1080 @ 60fps
WEBM	VP9	.webm	3840 x 2160 @ 60fps
	VP8		1920 x 1080 @ 60fps
	AV1		3840 x 2160 @ 60fps

Audio Format

Container	Audio Codec	File Extension Name
WAV	MPEG1/2 Layer1	.wav
	MPEG1/2 Layer2	
	MPEG1/2/2.5 Layer3	
	AAC-LC, HEAAC	
	DTS	
	LPCM	
	IMA-ADPCM MS-ADPCM	
	G711 A/mu-law	
MP3	MPEG1/2 Layer1	.mp3
	MPEG1/2 Layer2	
	MPEG1/2/2.5 Layer3	
AAC	AAC-LC, HEAAC	.aac
WMV	WMA	.wma, .wmv


Entertainment

Container	Audio Codec	File Extension Name
	WMA 10 Pro M0	
	WMA 10 Pro M1	
	WMA 10 Pro M2	
FLAC	FLAC	.flac

Photo Format

Image	Photo	Resolution
JPEG	Base-line	15360 x 8640
	Progressive	1024 x 768
PNG		9600 x 6400
BMP		9600 x 6400
GIF		6400 x 4800
WebP		3840 x 2160
HEIF		4000 x 3000

Accessibility Menu Setup

Press  button on your remote control to select **Settings > System > Accessibility**.

Accessibility function provides menu options and audio descriptions to aid the visually or hearing impaired.

- **Captions**

Displays and sets the closed captions. You can set display options and select caption style.

- **High contrast text**

Improves contrast for the visually impaired.

- **Text to speech**

Let you specify text-to-speech engine details and speech rate.

- **Accessibility shortcut**

When the shortcut is on, you can press both the back and down buttons for 3 seconds to start an accessibility feature.

- **TalkBack**

Controls spoken feedback for visually impaired users.

- **Switch access**

Switch Access can collect all of the text you type, except passwords. This includes personal data such as credit card numbers.

Note:

- Some options in the above table may not be available in some models/countries/regions.
- The menu is only for reference and may differ from the actual product.

 **Related information**

[Video Description](#) on page 13

Troubleshooting

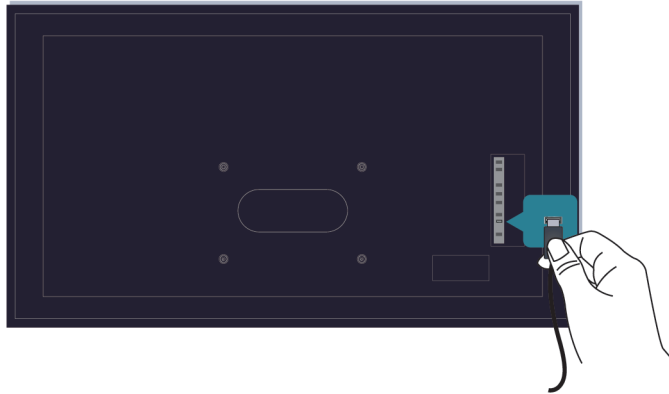
FAQ

In this section you will find the answers to the most frequently asked questions.

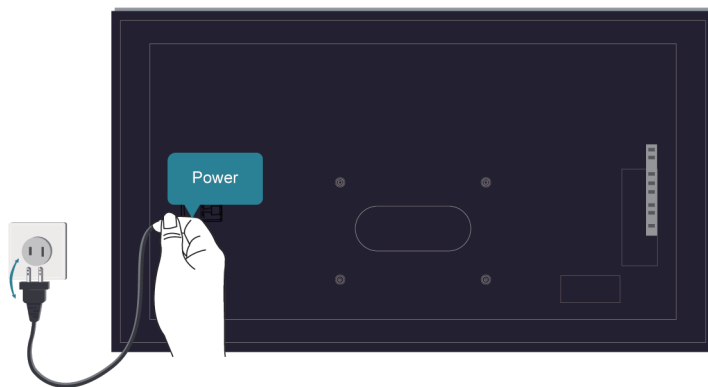
Note:

- The images are only for reference and may differ from the actual product.

There is no picture, or the picture is black and white.



Check input cable connections.

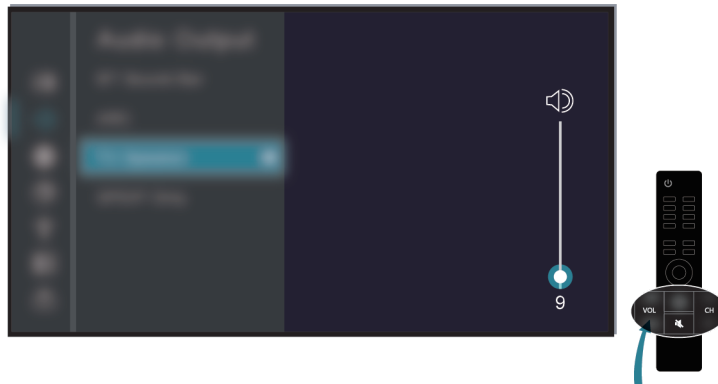


Unplug the TV power cord from AC outlet and re-plug after 60 seconds.

There is no sound or the sound is too low.

There is no sound or the sound is too low at maximum volume.

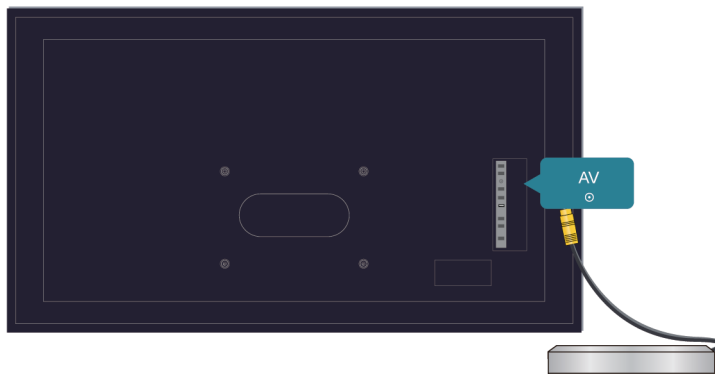
Troubleshooting



Check if Mute mode is set to on.

Check the volume settings.

Check the volume control of the device (cable or satellite box, DVD, Blu-ray, etc.) connected to your TV.

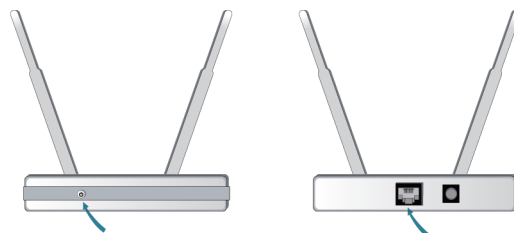


Make sure that the audio cable is connected to the correct audio output connector on the external device.

Check whether **TV Speaker** is selected at **⚙️ > Settings > Display and sound > Audio Output**.

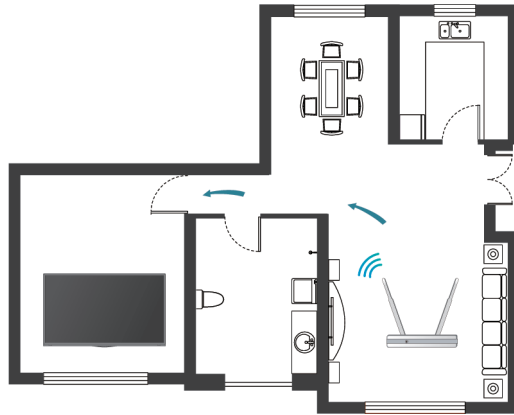
My TV cannot connect to the network.

Check network status at **⚙️ > Settings > System > About > Status**.



Troubleshooting

Make sure your modem/wireless router is on and connected to the Internet.



Position your wireless router, modem router, or access point in a central location. Avoid putting it in a corner.

External source connected but no picture or sound.

I have connected an external source to my TV but I get no picture and/or sound.

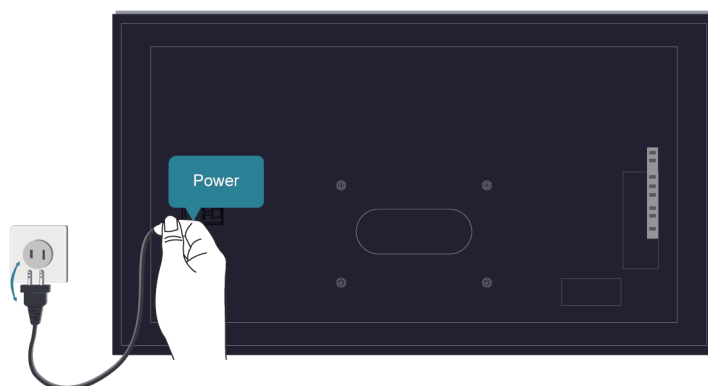


Check whether the connection between the external device and your TV is correct and secure.

Troubleshooting



Make sure you have made the correct selection of input source.





If the signal is intermittent, unplug the TV power cord from AC outlet and re-plug after 60 seconds.

Picture Issues

When the TV has a picture problem, these steps may help resolve the problem.

Problems	Possible Solutions
The picture is distorted.	<ul style="list-style-type: none">• The compression of video content may cause picture distortions, especially in fast moving pictures from sports programmes and action movies.• If the signal reception is weak or poor, screen distortion may be visible but it is not a malfunction.• Mobile phones used close to the TV (within 1m) may cause noise on analogue and digital channels.

Troubleshooting

Problems	Possible Solutions
The picture is blurry or flickering, or cuts out momentarily.	<ul style="list-style-type: none"> •  > Settings > Display and sound > Picture > Sharpness. You can try to increase or decrease the Sharpness. • If you use 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.
The picture appears red, purple, pink and other colours.	<ul style="list-style-type: none"> •  > Settings > Display and sound > Picture > Calibration Settings > White Balance. You can try to increase or decrease the White Balance.
Picture distorted or appears wavy.	<ul style="list-style-type: none"> • Some electrical appliances may affect the TV. If you turn off the appliance and the interference goes away, then move it further away from TV. • Insert the power plug of the TV into another power outlet.

Related information

[There is no picture, or the picture is black and white](#) on page 43

Sound Issues

When the TV has a sound problem, these steps may help resolve the problem.

Problems	Possible Solutions
Picture is normal, but no sound.	<ul style="list-style-type: none"> • Check the volume settings. • Check if 'Mute' mode is set to on. • Check the volume control of the device (cable or satellite box, DVD, Blu-ray, etc.) connected to your TV.
The speakers are making an odd sound.	<ul style="list-style-type: none"> • Make sure that the audio cable is connected to the correct audio output connector on the external device. • For antenna or cable connections, check the signal information. • A low signal level may cause sound distortions.
Sound distorted or appears wavy.	<ul style="list-style-type: none"> • Some electrical appliances may affect the TV. If you turn off the appliance and the interference goes away, then move it further away from TV. • Insert the power plug of the TV set into another power outlet.
Sound is blurry or cuts out momentarily.	<ul style="list-style-type: none"> • If you use 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.

Note:

- This product does not support decoding of DTS CD bitstreams. Playback of this format may produce undesirable noise.

Related information

[No sound or the sound is too low](#) on page 43

Troubleshooting

Network Issues

If the TV network is connected, the screen will display that it is connected successfully.

Problems	Possible Solutions
Some apps can't be used.	<ul style="list-style-type: none">• Make sure the TV has a network connection.• Contact your service provider.
The wireless network connection fails.	<ul style="list-style-type: none">• Make sure your wireless modem/router is on and connected to the Internet.
The wireless network signal is too weak.	<ul style="list-style-type: none">• Position your wireless router, modem router, or access point in a central location. Avoid putting it in a corner.

Related information

[My TV cannot connect to the network](#) on page 44

Other Issues

Use these procedures to resolve other issues that may occur.

Problems	Possible Solutions
The TV is hot.	<ul style="list-style-type: none">• Watching TV for an extended period of time causes the panel to generate heat. The heat from the panel is dissipated through internal vents running along the top of the TV.• After extended use, you may feel heat when touching it. This heat is not a defect and does not affect the TV's functionality.
The TV smells of plastic.	<ul style="list-style-type: none">• This smell is normal and will dissipate over time.
The plastic cabinet makes a "clicking" type of sound.	<ul style="list-style-type: none">• The "clicking" sound can be caused when the temperature of the TV changes. This change causes the TV cabinet to expand or contract, which makes the sound. This is normal and the TV is OK.
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 the previous setting information.