

Connection

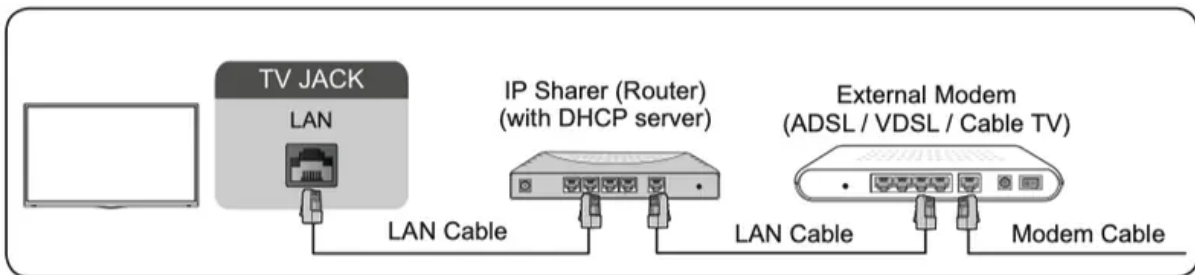
Establishing a Wired Internet Connection

Connecting to a wired (Ethernet) network





Press  /  /  button to select  icon, and select Network & Internet.

To get access to the Internet in a wired way, 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 don't have to enter them manually. Most home networks already have DHCP.

See the illustration below.



Using Wake on LAN

Press  /  /  button to select  icon, select Network & Internet, and set Wake on LAN and Wake on

Using an Ethernet connection and switching on Wake on LAN and Wake on Cast, you can turn on the TV from the standby mode, and push content to be broadcast on the TV with an app supporting the screencast feature in your mobile device.

NOTE

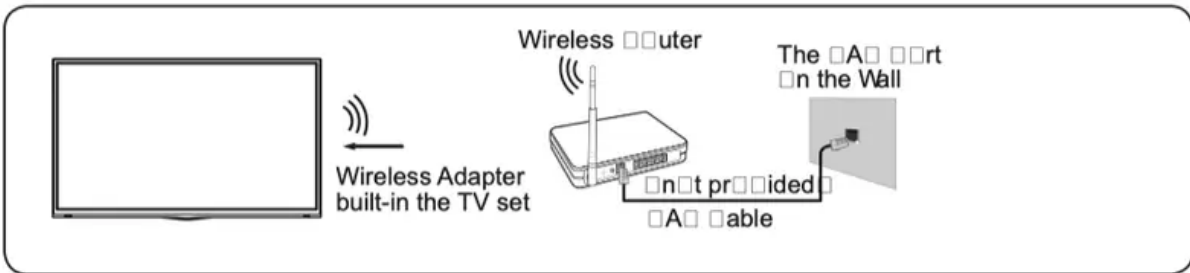
- To use this function, make sure your TV and mobile device are connected to the same network.
- Enabling this function may result in higher energy consumption.

Establishing a Wireless Internet Connection

Connecting to a wireless network

Press  /  /  button to select  icon, and select Network & Internet > Wifi.





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



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, 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 Wi-Fi name, select the type of security mode, and enter password.

Using Wake on Wireless Network

Press  /  /  button to select  icon, select Network & Internet, and set Wake on Wireless Network and Wake on Cast to On.

Using a wireless network connection and switching on Wake on Wireless Network and Wake on Cast, you can turn on the TV from the standby mode, and push content to be broadcast on the TV with an app supporting the screencast feature in your mobile device.

NOTE





- To use this function, make sure your TV and mobile device are connected to the same network.
- Enabling this function may result in higher energy consumption.

Connecting Bluetooth Devices

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  icon, and select Remotes & Accessories > Add accessory to turn on the 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 instruction in user manual of the device. After pairing is completed, the device is connected and is stored to the TV.

NOTE

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

Listening to the TV 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 to select  icon, select 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 device may disconnect depending on the distance between them.

Using HDMI&CEC





Use the TV's remote to control external devices that are connected to the TV by an HDMI cable. The external devices need to support HDMI&CEC function.

Connecting an external device through HDMI&CEC function

Press  /  /  button to select  icon, and select Device Preferences > Inputs > HDMI control.





1. Set HDMI control to On.
2. Connect an HDMI&CEC compliant device to the TV.
3. Turn on the connected external device. The device will be connected to the TV automatically. After connection is finished, you can access the menu of the connected device on your TV screen using your TV remote and control the device.

Enabling device auto power off




Press  /  /  button to select  icon, and select Device Preferences > Inputs > Device auto power off.

Set to On to turn off CEC compatible external devices when the TV is turned off.

Enabling TV auto power on

Press  /  /  button to select  icon, and select Device Preferences > Inputs > TV auto power on. Set to On to turn on the TV when CEC compatible external devices is turned on.

Using HDMI 2.0 Format function

Press INPUT Format button on your remote to select HDMI, and then press  /  /  button to select HDMI 2.0 Format.

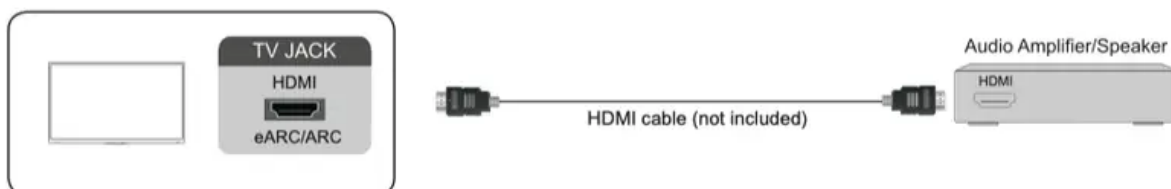
Please select the Enhanced format if your HDMI device supports 4K HDR and above. If it does not support 4K HDR, please select Standard format.

NOTE

- 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.
- The HDMI&CEC feature supports One Touch Play, Routing Control, System Standby, Device OSD Name Transfer, Remote Control Pass Through, Give Device Power Status, System Audio Control.

Connecting a Digital Audio System to Use eARC/ARC

If you'd like to use the Enhanced Audio Return Channel (eARC) / the Audio Return Channel (ARC) feature to send sound from the TV back down an HDMI cable to a digital sound system, you can connect it to the HDMI (eARC/ARC) 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 to select  icon, and select Sound > Audio Output > eARC/ARC.

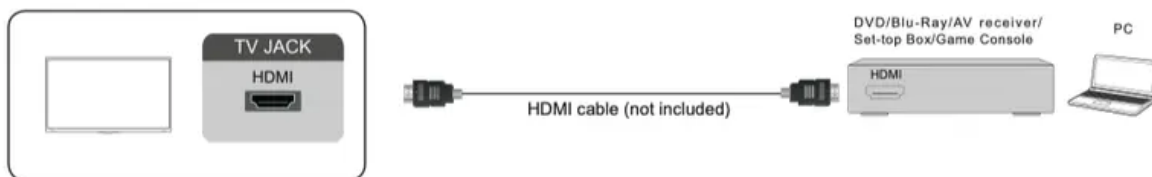
If the device support eARC function, first select Sound > eARC to set it to On.

NOTE

- It works only when the TV is connected to the audio receiver that supports the eARC/ARC function.
- If the device has an Input Selector feature then make sure to change it to TV.
- When this port is used for eARC/ARC function, it can be used as signal input when 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.)

Connecting an AV device, a PC or a Game Console with an HDMI cable

You can connect an AV device, a PC or a Game Console with an HDMI cable.



After the connection:

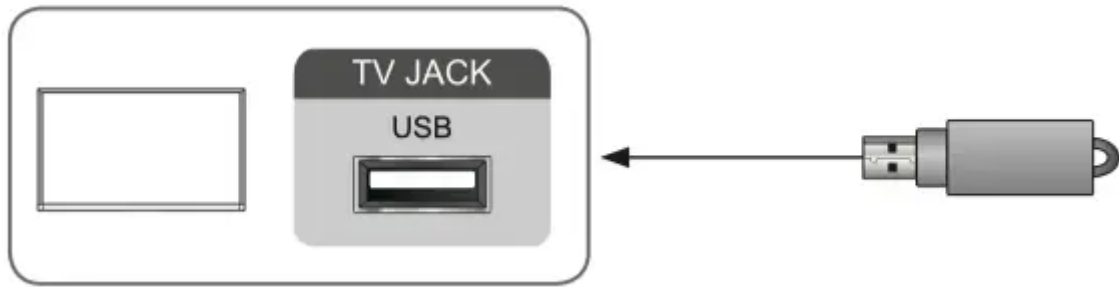
1. Power on the device.
2. Press INPUT button on your remote, select the corresponding HDMI as the input source.

NOTE

- Refer to the " Quick Setup Guide " for more connection information.
- Some devices such as DVD player require HDMI signal to be set to output in the device's settings. Please consult your device's user manual for instructions.
- If there is no sound from your TV, change the device's audio settings.

Connecting USB Devices

Connect the USB devices such as hard drives, USB sticks and digital cameras for browsing photos, listening to music.





- Support the USB disk 4G, 8G, 16G, 32G, 64G, 128G and other common market size, and 8T hard drive is currently supported.
- Support format: NTFS, FAT32.
- Certain digital cameras may not be compatible with the TV.

Multi-screen

Screen Sharing

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

 /  /  > Apps > Screen Sharing

- Turn on the casting function of your Android/Windows10 device.

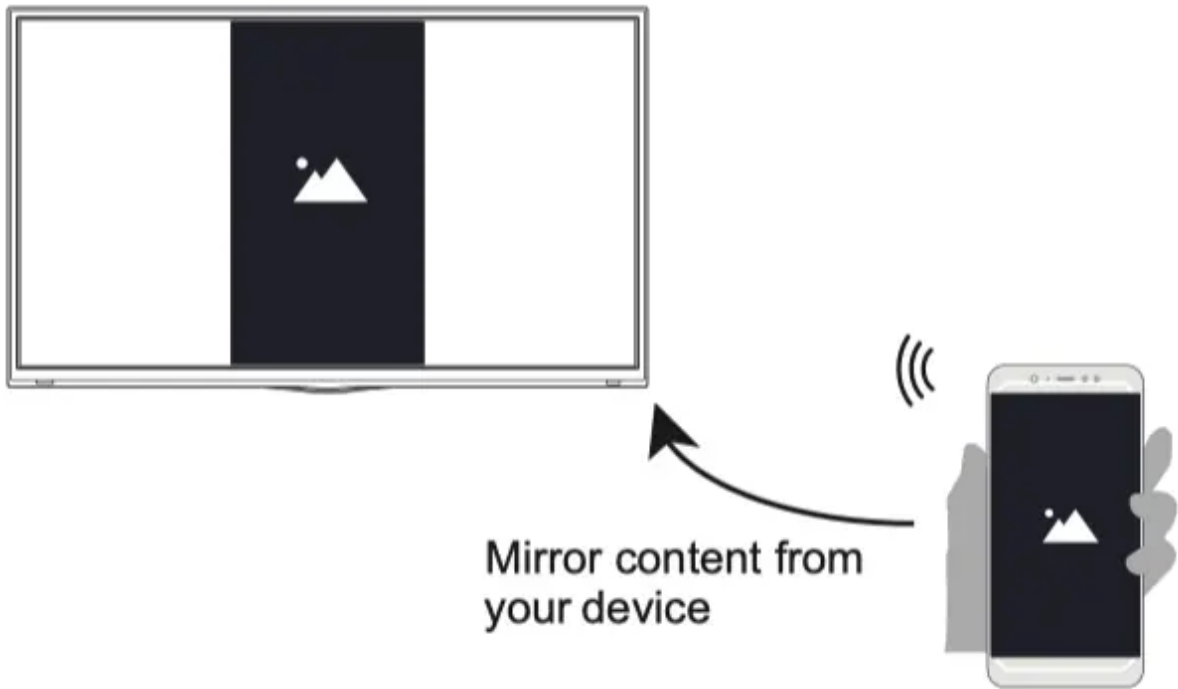
The setting icon may vary depending on the device. The feature may be called “Wireless display”, “Smart view”, “Wireless projection”, etc.

- Find the TV name in the searching list of your device and select it.

Wait for the connection progress to complete and the content on your device will be displayed on the TV.





NOTE

- Some mobile devices may not support casting.



Content Sharing

Share videos, music or pictures from your Android/iOS/PC device to the TV screen.

Press  /  /  button to select  icon, select Network & Internet, and select Content Sharing.

- Turn on the contents sharing function of your Android/iOS/PC device.
- Find the TV name in the searching list of your device and select it.

Wait for the connection progress to complete and select the content you want to share.

NOTE

- TV and your Android/iOS/PC device need to connect to the same network.
- Some devices may not support contents sharing function. If your device doesn't support contents sharing, you can download an app that supports the function.





Smart Functions

Getting Familiar with the Home Screen

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

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

To exit the Home screen, press INPUT button on your remote or use the D-pad to move the cursor to Inputs icon  on the top of the screen, press  button to enter, and select your desired input source.

Indicators and icons on the top of the Home screen

- **Google Assistant**

You can search movies, adjust volume, and more by speaking.

- **Google Search**

You can search movies, adjust volume, and more by typing.

- **Notifications**

Notifications can come from the system, an external device, an application, the media player, etc.

- **Inputs**

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

- **Network & Internet**

You can set up the Network & Internet.

- **Settings**

Settings lets you configure the TV, set app options, add accounts, and change other preferences.

- **Time**

You can always view the current time on the Home screen.

Names of sections that appear on the Home screen

The Home screen displays the following section:

- **Apps**

This is the location where you have access to all the apps on your TV. You can enjoy a wide range of services including video streaming.

- **Play Next**


You can select types of content for play next .

You can also manually add a programme to play next by long-pressing on a programme in the Home screen.

• **Recommended content**

Here the premium content will display on the screen, and you can quickly enter contents that you want.

Managing apps on the apps row

Select an app on the apps row you want to open, remove or move, and long press  button to manage.

If the favourite app is not on Home screen, you can add app to the apps row via the Apps page.

Select your favourite app and long press  button, and then select Add to favourites.




Apps

 /  /  > Apps

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

Installing an app

To install an app:

1.  /  /  > Apps > Get more apps > Google Play.
2. Use the navigation buttons on your remote to select the app that you want to install.
3. Select the Install. The selected app is installed on the TV.

NOTE


- To use this function, the TV must be connected to the Internet.
- Adding apps is free, but it might cost you money when using some apps.


Managing installed apps

• **Removing an app**



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

To delete an app:

1. From the Apps screen, use the navigation buttons on your remote to select the app that you want to remove. Long press the  button.

2. Select Uninstall.
3. A dialogue message displays and asks whether you want to uninstall this app. Press the  button to confirm and the icon is removed from the apps screen.


NOTE

- If an app is deleted, the information related to that app is also removed.
- Moving app icons around To move an app:
 1. From the apps screen, use the navigation buttons on your remote to select the app that you want to move. Long press the  button.
 2. Select Move.
 3. Use the navigation buttons on your remote to move the location of app. Press the  button to confirm.


Using Far-Field Google Assistant to Control your TV

The 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.

Select  icon on the top of Home screen and follow the onscreen instructions to complete sign in.

How to use the Google Assistant function via the control button on the TV

1. Switch the  button to on the bottom shell of your TV to turn on the Google Assistant.
2. Start a conversation by saying “OK Google”, and the dialogue bar appears at the bottom of the TV screen.





At the same time, indicator lights illuminate.

3. Continue speaking, such as “What’s the weather” or “Volume up”.

Screenless Mode

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” to start a conversation.

This feature will affect standby power consumption. To turn it off, go to  /  /  button to select  icon, and select Advanced System > Support > Screenless Mode.

NOTE





- The far-field Google Assistant and some of its features are only available in limited country/ region/ language.

Installing Mobile App to Control your TV

Press  /  /  button to select  icon, and select Advanced System > RemoteNOW Download/Smart TV Remote/Mobile App.

You can scan the Mobile App download QR code on screen to install the app on your smartphone to control your TV, such as turning the TV on or off, typing in with your mobile's keyboard, and sharing pictures or videos from your mobile to TV. This app is available on both Android and iOS.

To connect your TV after installing the mobile app

1. Agree with end user license, and disclaimer and privacy policies on TV. If you are not sure whether you have agreed, press  /  /  button to select  icon, and select Device Preferences > About > Legal information > End User License Agreement to check it.
2. Make sure your mobile phone and TV are connected in the same network.
3. To use this function, switch on Content Sharing at Network & Internet > Content Sharing.
4. Open the mobile app and select the TV device you want to connect.
5. Enter the PIN code on the mobile phone, and the connection is established.

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.

Browsing content

You have two ways to enter Media:

- Insert a USB device, a prompt message appears, choose whether to go to the media.
- When your USB device is connected to the TV but TV doesn't show Media page, press

 /  /  button to select Apps > Media.

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

1. Navigate to the appropriate menu tab on the screen and select All Media, Videos, Photos, Music.
2. Click on the name of the folder that contains your content.
3. Make your selection to play or view the content.

To exit the Media centre, press the  button on your remote.

Media format list

NOTE

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

Video:

Number	Video Codec	Resolution	Bit Rate	Profile	Container
1	VP9	8192 × 4320 @ 30fps	60 Mbps	. Profile 0 (4208bit) Profile 2, (420, 10bit)	MKV (.mkv) WebM (.webm)
2	HEVC/H. 265	8192 × 4320 @ 60fps	200Mbps	Main/Main10 Profile, High Tier @Level 6.1	MP4 (.mp4, .mov) / 3GPP (. 3gpp, .3gp) MPEG transport stream (.ts, .trp, .tp) / MKV (.mkv) / FLV (.flv) / AVI (.avi) / H265 (.265)
3	MPEG1/2	1920 × 1080 @ 60fps	80Mbps	MP@HL	MPEG program stream (.DAT, .VOB, .MPG, .MPEG) / MPEG transport stream (.ts, .trp, .tp) / MP4 (.mp4, .mov) / 3GPP (.3gpp, .3gp) / AVI (.avi) / MKV (.mkv) / ASF (.asf) / WMV (.wmv) / OGM (.ogm)
4	MPEG4	1920 × 1080 @ 60fps	80Mbps	. Simple Profile . Advanced Simple Profile@Level 5 . GMC is not supported	MP4 (.mp4, .mov) / 3GPP (. 3gpp, .3gp) / AVI (.avi) / MKV (.mkv) / ASF (.asf) / WMV (.wmv) / FLV (.flv) / OGM (.ogm) / MPEG transport stream (.ts, .trp, .tp) / MPEG program stream (.DAT, .VOB, .MPG, .MPEG)
5	Sorenson H.263	1920 × 1080 @ 60fps	80Mbps		FLV (.flv) / AVI (.avi)

6	H.263	1920 × 1080 @ 60fps	80Mbps		FLV (.flv) / MP4 (.mp4, .mov) / 3GPP (.3gpp, .3gp) / AVI (.avi) / ASF (.asf) / WMV (.wmv)
7	H.264	8192 × 4320 @ 30fps	200Mbps	Main, High and High10 profile up to level 6.0	FLV (.flv) / MP4 (.mp4, .mov) / 3GPP (.3gpp, .3gp) / MPEG transport stream (.ts, .trp, .tp) / ASF (.asf) / WMV (.wmv) / AVI (.avi) / MKV (.mkv) / OGM (.ogm) / MPEG program stream (.DAT, .VOB, .MPG, .MPEG) / H264 (.264)

8	WMV3.	1920 × 1080 @ 60fps	80Mbps		ASF (.asf) / AVI (.avi) / MKV (.mkv) / WMV (.wmv) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov) / OGM (.ogm)
9	VC1	1920 × 1080 @ 60fps	80Mbps	. Advanced Profile@ Level 3 . Simple Profile . Main Profile	MPEG transport stream (.ts, .trp, .tp) / ASF (.asf) / WMV (.wmv) / AVI (.avi) / MKV (.mkv) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov) / VC1 (.vc1)
10	Motion JPEG	1920 × 1080 @ 30fps	30Mbps		AVI (.avi) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov) / MKV (.mkv) / FLV (.flv) / OGM (.ogm)
11	VP8	1920 × 1080 @ 60fps	60Mbps		MKV (.mkv) / WebM (.webm) / FLV (.flv) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov) / AVI (.avi) / OGM (.ogm)
12	AV1	8192 × 4320 @ 30fps	60Mbps	Main Profile @Level 6.0	MP4 (.mp4, .mov) / 3GPP (.3gpp, .3gp) / MKV (.mkv) / WebM (.webm)

Audio:



Number	Audio Codec	Sample rate	Channel	Bit Rate	Container	Note
1	MPEG1/2 Layer1	16kHz ~ 48kHz	Up to 2	32Kbps ~ 448Kbps	MP3 (.mp3) / AVI (.avi) / ASF (.asf) / WMV (.wmv) / DivX (.divx) / MKV (.mkv, .mka) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a) / MPEG transport stream (.ts, .trp, .tp) / MPEG program stream (.DAT, .VOB, .MPG, .MPEG) / FLV (.flv) / WAV (.wav) / OGM (.ogm)	
2	MPEG1/2 Layer2	16kHz ~ 48kHz	Up to 2	8Kbps ~ 384Kbps		
3	MPEG1/2/2.5 Layer3	8kHz ~ 48kHz	Up to 2	8Kbps ~ 320Kbps		
4	AC3(DD)	32kHz, 44.1kHz, 48kHz	Up to 5.1	32Kbps ~ 640Kbps	AC3(.ac3) / AVI (.avi) / MKV (.mkv, .mka) / DivX (.divx) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a) / MPEG transport stream (.ts, .trp, .tp) / MPEG program stream (.DAT, .VOB, .MPG, .MPEG) / WMV (.wmv) / ASF (.asf) / OGM (.ogm)	
5	EAC3(DDP)	32kHz, 44.1kHz, 48kHz	Mono, Stereo, 7.1CH up to 15 object and Lfe decoder can render to 5.1.2	Up to 6.144Mbps	EAC3(.ec3) / AVI (.avi) / MKV (.mkv, .mka) / DivX (.divx) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a) / MPEG transport stream (.ts, .trp, .tp) / MPEG program stream (.DAT, .VOB, .MPG, .MPEG) / WMV (.wmv) / ASF (.asf) / OGM (.ogm)	
6	AAC-LC, HEAAC	8kHz ~ 48kHz	Up to 5.1	16Kbps ~ 576Kbps	AAC (.aac) / AVI (.avi) / MKV (.mkv, .mka) / DivX (.divx) / 3GPP (.3gpp, .3gp) / MP4	

					(.mp4, .mov, .m4a) / MPEG transport stream (.ts, .trp, .tp) / MPEG program stream (.DAT, .VOB, .MPG, .MPEG) / FLV (.flv) / RM (.rm, .rmvb, .ra) / WAV (.wav) / WMV (.wmv) / ASF (.asf) / OGM (.ogm)	
7	WMA7, WMA8, WMA9	8kHz ~ 48kHz	Up to 2	32Kbps ~ 192Kbps	ASF (.asf) / WMV (.wma, .wmv) / AVI (.avi) / MKV (.mkv, .mka) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov)	WMA7, WMA8, WMA9 Standard
8	WMA9 Pro	16kHz ~ 48kHz	Up to 5.1	48Kbps ~ 384Kbps	ASF (.asf) / WMV (.wma, .wmv) / AVI (.avi) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov)	



9.	VORBIS	6kHz ~ 48kHz	Up to 5.1	8Kbps ~ 500Kbps	MKV (.mkv, .mka) / WebM (.webm) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a) / Ogg (.ogg) / WMV (.wmv) / ASF (.asf) / AVI (.avi)	Supports stereo decoding only
10	DTS, DTS HD	32kHz, 44.1kHz, 48kHz	Up to 5.1	32Kbps ~ 1.5Mbps	MPEG transport stream (.ts, .trp, .tp) / MPEG program stream (.DAT, .VOB, .MPG, .MPEG) / WAV (.wav) / MKV (.mkv, .mka) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a) / AVI (.avi) / OGM (.ogm) / DTS (.dts)	
11	DTS LBR (express)	32kHz, 44.1kHz, 48kHz	Up to 5.1	32Kbps ~ 1.5Mbps	MP4 (.mp4, .mov) / 3GPP (.3gpp, .3gp) / MPEG transport stream (.ts, .trp, .tp)	
12	FLAC	8kHz ~ 192kHz	Up to 5.1	128Kbps ~ 2304Kbps	MKV (.mkv, .mka) / FLAC (.flac)	
13	OPUS	8kHz ~ 48kHz	Up to 5.1	6Kbps ~ 510Kbps	MKV (.mkv, .mka) / WebM (.webm)	
14	AC4	44.1kHz, 48kHz	Max.11 channels Max.10 objects	Up to 6140Kbps	MPEG transport stream (.ts, .trp, .tp) / 3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a) / AC4 (.ac4)	
15	MPEG-H	16kHz, 24kHz, 32kHz, 48kHz	Up to 2	20Kbps ~ 1200Kbps	3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a)	
16	DRA		Up to 5.1	32Kbps ~ 9612Kbps	MPEG transport stream (.ts, .trp, .tp)	

		32kHz, 44.1kHz, 48kHz				
17	APE	32kHz, 44.1kHz, 48kHz	Up to 2	500Kbps ~ 1.5Mbps	APE (.ape)	
18	AMR-NB	8kHz	1	4.75Kbps ~ 12.2 Kbps	3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a)	
19	AMR-WB	16kHz	1	6.6Kbps ~ 23.85 Kbps	3GPP (.3gpp, .3gp) / MP4 (.mp4, .mov, .m4a)	





Photo:

Number	Image	Photo	Resolution (width x height) (MTK suggests)	Remark
1	JPEG	Base-line	15360 x 8640	The limitation of max resolution depending on DRAM size
2		Progressive	1024 x 768	The limitation of max resolution depending on DRAM size
3	PNG		9600 x 6400	The limitation of max resolution depending on DRAM size
4	BMP		9600 x 6400	The limitation of max resolution depending on DRAM size
5	GIF		6400 x 4800	The limitation of max resolution depending on DRAM size
6	Webp		3840 x 2160	The limitation of max resolution depending on DRAM size
7	HEIF		4000 x 3000	The limitation of max resolution depending on DRAM size

Picture and Sound

Adjusting the Picture Quality

Using the backlight function

Press  /  /  button to select  icon, and select Picture > Backlight. You can change the overall brightness of the screen.





- Local Dimming Enable the TV to automatically adjust the backlight by sections according to the changes in the image and increase the contrast.
- Dynamic Backlight Control Enhance the contrast ratio between light and dark areas of the picture.

- Backlight Level Adjust how 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.

NOTE

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

Enabling OLED light

Press  /  /  button to select  icon, and select Picture > OLED Light. Set the overall brightness of the screen.

• Local Dimming

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

• Dynamic Backlight Control

Enhance the contrast ratio between light and dark areas of the picture.

• Backlight Level

Adjust how 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.

NOTE

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





Enabling OLED light

Press  /  /  button to select  icon, and select Picture > OLED Light. Set the overall brightness of the screen.

NOTE

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





Adjusting peaking brightness dynamic range

Press  /  /  button to select  icon, and select Picture > Peaking Brightness Dynamic Range. Adjust the maximum brightness of the screen area.





NOTE

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

Choosing a picture mode

Press  /  /  button to select  icon, and select Picture > Picture Mode. You can select the picture mode that provides the best viewing experience.

Adjusting the picture quality for each picture mode

Press  /  /  button to select  icon, and select Picture > Contrast, Brightness, Colour, Tint or Sharpness.

Choose a picture mode and then adjust the settings.

- **Contrast**

Adjust the Contrast level to increase or decrease how bright images appear.

- **Brightness**

Adjust the Brightness level to generate lighter or darker images.

- **Colour**

Adjust the colour intensity of the picture for a more vibrant image.

- **Tint**

Adjust the colours from green to magenta tint to view the natural skin tones of people on the screen.

- **Sharpness**

Adjust how sharp or soft edges of images appear.

Changing the aspect ratio

Press  /  /  button to select  icon, and select Picture > Aspect Ratio.

You can change the size of the picture displayed on the TV screen.

- **Automatic**

Automatically switch Aspect Ratio between 16:9 and 4:3 based on the signal information.

- **16:9**

Best suited for 16:9 Widescreen content. This will also stretch 4:3 content to Widescreen.

- **4:3**

Best suited for 4:3 content.

- **Panoramic**

Provides a full-screen image by stretching the edges whilst leaving the middle untouched.

- **Movie Zoom**

Provides a full-screen image by zooming in on the movie.

- **Direct**

Point to point display also known as 1:1 Pixel Mapping.

Enabling smart scene function

Press  /  /  button to select  icon, and select Picture > Smart Scene.

Set to On to enable your TV to recognize the scene in the content watching and enhance the picture quality on all input sources.

NOTE

- Some specific application has explicit constraints that the content recognition is not allowed.

Configuring advanced picture settings

Press  /  /  button to select  icon , and select Picture > Advanced Settings.

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

- **Overscan**

Change the video size settings to slightly crop the edges of the displayed image.

- **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 the clarity when viewing fast moving scenes.

- **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.

- **Enhanced Viewing Angle**

Set to On to optimize your viewing angle, and you will enjoy a better watching experience.

- **Colour Space**

Change the range of colours the TV displays.

NOTE

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

Troubleshooting

Picture Problem

When the TV has a picture problem, please review the list of problems and solutions below.

Problem	Possible Solutions
No picture, or black and white picture.	<ul style="list-style-type: none">• Unplug TV from AC outlet and re-plug after 60 seconds.• Check that the Saturation is set to 50 or higher.• Try different TV channels.
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 1 m) may cause noise on analogue and digital channels.

NOTE

- If the problem persists, check the signal strength or refer to the external device's user manual.

Sound Problem

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




Problem	Possible Solutions
There is no sound or the sound is too low at maximum volume.	<ul style="list-style-type: none"> • Check the volume control of the device (cable or satellite box, DVD, Blu-ray, etc.) connected to your TV.
Picture is normal, but no sound.	<ul style="list-style-type: none"> • Check the volume settings. • Check if 'Mute' mode is set to on.
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.

Picture and Sound Problem

When the TV has a sound and picture problem, these solutions may help resolve the problem.



Problem	Possible Solutions
<p>No sound and picture.</p>	<ul style="list-style-type: none"> • Check if the power cord is plugged into a powered AC outlet. • Check to see if the LED light is on or not. If it is, then the TV is receiving power. • Press the  button on the remote control to activate the unit from Standby.
<p>I have connected an external device to my TV but I get no picture and/or sound.</p>	<ul style="list-style-type: none"> • Check whether the connection between the external device and your TV is correct. • Make sure you have made the correct selection of input source.
<p>Sound and picture distorted or appear wavy.</p>	<ul style="list-style-type: none"> • Some electrical appliances may affect TV set. 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.
<p>Sound and picture is blurry or cuts out momentarily.</p>	<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.

Internet Problem

When the TV has difficulties in connecting to the Internet, these solutions may help resolve the problem.

Problem	Possible Solutions
The TV cannot connect to your network or apps.	<ul style="list-style-type: none"> • Make sure the TV has a network connection. • Contact your Internet service provider.
The wireless network connection failed.	<ul style="list-style-type: none"> • Make sure your wireless modem/router is on and is 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 at a corner.

Recording/Timeshift Function Isn't Working

When Timeshift or Schedule recording aren't working, these solutions may help resolve the problem.

Problem	Possible Solutions
Schedule Recording cannot be used.	<ul style="list-style-type: none"> • Check if there is a USB device connected to the TV. • Recording will automatically stop if the signal becomes too weak. • Check the free space of the USB device. The function will not work if there isn't enough storage space on the USB device.

NOTE

- The Recording/Timeshift functions may not be applicable in certain models/countries/regions.

My File Won't Play

When files aren't playing, this may help resolve the problem.

Problem	Possible Solutions
Some files can't be played.	<ul style="list-style-type: none"> • This problem may occur with high-bitrate files. Most files can be played back, but you might experience problems with high-bitrate files.



Other Issues

Use these procedures to resolve other issues that may occur.

Problem	Possible Solutions
The TV is hot.	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 hot when touching it. This heat, however, is not a defect and does not affect the TV's functionality.
The TV smells of plastic.	This smell is normal and will dissipate over time.
The plastic cabinet makes a “clicking” type of sound.	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.

Warning

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