BRÜHM®

...leaves you with a smile

USER MANUAL

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

BTF-43SV
BTF-50SV
BTF-55SV
BTF-65SV
BTF-75SV

ES-

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

English

BRÜHM

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

Never place a television set in an unstable location. 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:

- Using stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

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

▶◀ Dolby Audio

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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 is used as the disconnect device, the disconnect device shall remain readily operable.

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.

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.

Contents

Contents

Channel Scan

You can scan for channels automatically or manually.

NOTE

- Satellite/antenna/cable function may not be applicable in some models/countries/regions.

Auto Scan

Automatic channel scan.

INPUT > **TV**

Alternatively, in Live TV, ☰ / ☰ > **Settings** > **Channel** > **Auto Scan**.

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

○ **Satellite**

- **Single satellite:** You can use single satellite if you only have one satellite equipped.
- **DiSEqC:** You can choose DiSEqC if you have DiSEqC equipment. Up to four satellites in DiSEqC 1.0 mode can be installed.

  If you are using a motorised antenna, you can use DiSEqC 1.2 mode.
- **Unicable:** If your home is equipped with Unicable satellite distribution, you should use this option.

  Please make sure that you know the Unicable band and frequency to be used. The information should be available on the equipment or the landlord can provide it.

○ **Antenna**

- **Channel:** Select from **All Channels** or **Free Channels**. This option may not be available depending on countries/regions/operators.
- **Scan Mode:** Select from digital channels only (DTV), digital and analogue channels (DTV+ATV) or analogue channels only (ATV).

  If you receive DVB-T or DVB-T2 signal, you can use DTV.
- **LCN:** Switch on/off LCN (Logical Channel Number).

  Please note that some operators are restricted to manually change the channel order. If you switch off LCN, then the channel list can be edited after channel scan.
  This function may not be applicable in some models/countries/regions.

○ **Cable**

- **Channel:** Select from **All Channels** or **Free Channels**. This option may not be available depending on countries/regions/operators.
- **Scan Mode:** Select from digital channels only (DTV), digital and analogue channels (DTV+ATV) or analogue channels only (ATV).
- **LCN:** Switch on/off LCN (Logical Channel Number).

  Please note that some operators are restricted to manually change the channel order. If you switch off LCN, then the channel list can be edited after channel scan.
  This function may not be applicable in some models/countries/regions.

Manual Scan

Manually scan for channels for DTV or ATV.

In Live TV, ☰ / ☰ > **Settings** > **Channel** > **Advanced Settings** > **Manual Scan**

○ **DTV Manual Scan**

Manually scan for DTV services.

When the DTV Manual Scan screen appears, press ◁ / ▷ button to select **Antenna**, **Cable** or **Satellite**, and select **Start** to commence the search of that channel. When the signal has been tuned, signal strength will be displayed on the screen.

○ **ATV Manual Scan**

Manually scan for ATV services.

- **Frequency:** Input the channel frequency you want.
- **Picture System:** Select the Colour System.
- **Sound System:** Select the Sound System.

Live TV tutorial

After channel scanning has completed for the first time, the Live TV operating tutorial will be displayed, this will include:

⌃ / INFO : Load the info bar
OK / CH.List : Load the channel list
GUIDE / EPG : Open the electronic programme guide (only available in some models/countries/regions)
☰ / ☰ : Load on-screen menu
↩ : Jump to the previous channel

NOTE

- The remote control buttons may vary depending on models/countries/regions.

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Live TV

Channel List

Displaying the channel list
In Live TV, press the **OK** / **CH.List** button to display the Channel List menu.

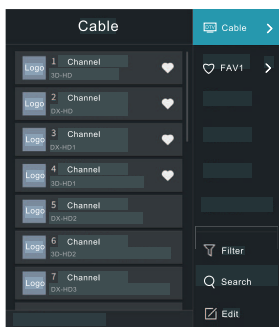Alternatively, in Live TV, 📋 / 📋 > **Channel List**.

Entering the sub-menu of channel list
In Live TV, **OK** / **CH.List** > ➤

Introducing the sub-menu
In Live TV, **OK** / **CH.List** > ➤

- **TV List**
  Display Live TV channel categories, such as **Cable** and **Antenna**.
- **Fav**
  Display favourite lists 1 to 4.
- **Filter**
  Select channels by **Content**, **HD**, **Child Lock**, **Scrambled** and **Sort**.
  Some options in **Filter** may not be available in some models/countries/regions.
- **Search**
  Call up search function.
- **Edit**
  Edit the channel list.

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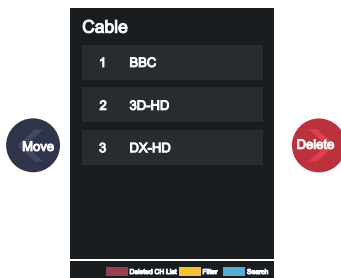- The sub-menu options may vary depending on models/countries/regions.

Channel Edit

Manually edit the channel list to your preference.

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

Alternatively, in Live TV, press 📋 / 📋 button, select **Settings** > **Channel** > **Channel Edit**, and select a Live TV channel category such as Antenna or Cable.

- Press **OK** button on the selected channel, then a checkbox will appear.
  You can select multiple channels at the same time to move or delete.
- Move: Press ◄ button to move the selected channel.
  Moving the channels could be restricted by the operator. If you want to be able to move channels, it is not recommended to choose an operator during channel scan, and LCN should be set to Off.
- Delete: Press ◄ button to delete the selected channel.
- Restore: Press [RED] button, or press 🔴 / 123 button to display the colour menu and select RED to enter the list of deleted channels. Press ◄ button to restore the deleted channel.
- Filter: Press [YELLOW] button or press 🟡 / 123 button to display the colour menu and select YELLOW, the filter screen will pop up. Press **OK** button to select options, the channel list can then be updated.
- Search: Press [BLUE] button or press 🔵 / 123 button to display the colour menu and select BLUE to search for a channel.

Exporting to USB
The current channel list can be exported to a USB storage device.

In Live TV, 📋 / 📋 > **Settings** > **Channel** > **Channel Edit** > **Export to USB**

Importing from USB
Previously exported channel lists can be imported via a USB storage device.

In Live TV, 📋 / 📋 > **Settings** > **Channel** > **Channel Edit** > **Import from USB**

Live TV

Favourite

Adding a channel to a favourite list

1 In Live TV, press OK / CH.List button to display the channel list.

2 Press ☰ / ☰ button and select the channel(s) you want to add to the favourite list.

3 Select **Add to Favourite**, and choose from **FAV1-FAV4**.

4 Then, a heart-shape icon will appear next to the added channel.
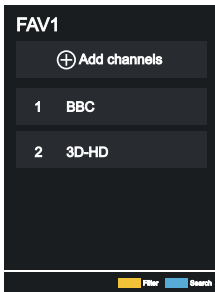
Viewing your favourite list

In Live TV, press OK / CH.List > ▶ > **Fav** to display the favourite list.

Editing the favourite list

In Live TV, press OK / CH.List > ▶ > **Fav** > ▶ to select **FAV1-FAV4**, then use D-pad to select **Edit**.

Alternatively, go to ☰ / ☰ > **Settings** > **Channel** > **Channel Edit**, and select **FAV1 - FAV4**.

You can add, move, or remove favourite channels.

```
FAV1
    ⊕ Add channels

  1    BBC

  2    3D-HD



                    ▢ Filter  ▢ Search
```

• Select ⊕ **Add channels** to add the selected channel to the favourite list.

• Select a channel in a favourite list, and press ◀ button to move it.

• Select a channel in a favourite list, and press ▶ button to remove it.

➡ NOTE

• These steps should be operated under the TV input.

• Before you edit the favourite lists, Channel Scan must be completed first.

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

Guide (EPG)

The Guide (EPG) provides a convenient way to check TV programmes for the upcoming 7 days. The information displayed by the Guide (EPG) is made available by the commercial television networks for digital 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 a scheduled time, 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.

In Live TV, press GUIDE / EPG button, or press ☰ / ☰ > **Guide (EPG)** to display channel information Guide.

◉ **Watch**

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

◉ **Reminder**

In Guide (EPG), press ∧ / ∨ button to select the channels. Press ◀ / ▶ button to select programme based on the time schedule. Press OK button to select **Reminder**.

➡ NOTE

• Reminder in the Guide (EPG) is only available for programmes that have not been aired yet.

◉ **Schedule**

In Guide (EPG), press ▬ [RED] button or press ◉ / 123 button to display the colour menu and select RED, to view a list of scheduled reminders.

◉ **Programme Colour**

In Guide (EPG), press ▬ [GREEN] button or press ◉ / 123 button to display the colour menu and select GREEN, to choose colours to indicate different genres in the Guide (EPG) for quick and easy viewing.

(This function may not be applicable in certain countries/regions.)

◉ **24h-**

In Guide (EPG), press ▬ [YELLOW] button or press ◉ / 123 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 ◉ / 123 button to display the colour menu and select BLUE to select programmes of the next day.

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Multi-screen

Screen Sharing

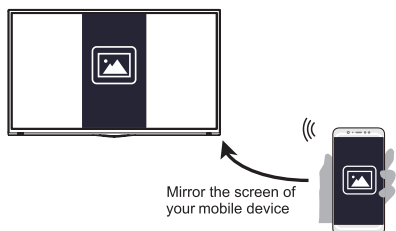Mirror your mobile device screen to the TV.

Before using Screen Sharing, please set your TV to the wireless network connection.

INPUT > **Screen Sharing**

1   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", "Smartview", "Wireless projection", etc.

2   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.

Mirror the screen of your mobile device

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.

Sharing media content from your Android/iOS/PC device

1   Connect your TV and Android/iOS/PC device to the same network.

2   Turn on Content Sharing at   /   >   **Settings** > **System** > **Application Settings** > **Content Sharing**.

3   Turn on the content sharing function in your Android/iOS/PC device.

4   Find the TV name in the searching 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.

Select a media content to play on the TV

Playing media content from your Android/iOS/PC 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 > Application Settings > Content Sharing.**

3   Make sure your media content in your Android/iOS/PC device are visible through local network.

4   On your TV, select a device with media content at   /   >   **Input,** or   /   > **My Apps > Media**.

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.

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Getting Familiar with the Home Screen

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

All TV functions can be accessed from the Home screen.

To exit the Home screen, press INPUT button on your remote or use the navigation buttons to move the cursor to the ⬅ **Input** icon on the top of the screen, press OK button to enter, and select your desired input source.

Using the navigation bar

The navigation bar refers to indicators and icons on the top of the Home screen.

➡ **NOTE**

• Indicators or icons may vary depending on models/countries/regions.

🔍 **Search**

Search the content you want.

⬅ **Input**

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

⚙ **Settings**

Manage TV configuration.

🔔 **Notifications**

Allow pop-up notifications to appear for useful information and events that occur with your TV, including: **Advertising**, **New Arrivals**, **Warnings and Legal Statements**, **System Messages** and **Alexa Notification**. You can enable/disable each of these notifications at Settings in the notification centre.

You can view the list of event messages generated by the TV.

To delete all notifications, select **Clear All**.

➡ **NOTE**

• The Alexa Notification may not be applicable in some models/countries/regions.

👤 **VIDAA Account**

Sign in to your VIDAA account.

A VIDAA account provides all the best features of your smart TV and ensures that all services are kept to date.

🎤 **Voice**

Quick access to **Voice Service**.

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

Time

You can always view the current time at the top of the Home screen.

Network

Connect your TV to the Internet through a wireless connection 📶 or an Ethernet cable 🖳 , and the corresponding icon will appear.

Using the Shortcuts

You can add inputs, channels and websites to the Home screen to have quick access to them for your convenience.

Add inputs to the home screen

1   Press INPUT button.

2   Move the focus to an input you want to add to the Home screen, and press 📄 / 📄 > **Add to home** > OK . The input icon will appear in Shortcuts on the Home screen.

➡ **NOTE**

• Some options in inputs source page cannot be added to the Home screen.

• To remove inputs from Shortcuts, just move the focus to a shortcut and press 📄 / 📄 button on your remote control.

Add channels to the home screen

1   In Live TV, press OK / CH.List button to access the channel list.

2   Press 📄 / 📄 button and press OK button to tick channel(s) that you would like to add on the Home screen.

3   Select **Add to home**. The channel icon will appear in Shortcuts on the Home screen.

➡ **NOTE**

• To remove the channel from Shortcuts, just move the focus to the shortcut and press 📄 / 📄 button on your remote control.

Add webpages to the home screen

1   In Browser, visit a website you would like to add on the Home screen.

2   Use the D-pad to move the focus to 🔲 **Add to home** icon in the top Browser navigation bar and select it.

3   Select **Add**, and this webpage will appear in Shortcuts on the Home screen.

➡ **NOTE**

• To remove webpages from Shortcuts, just move the focus on a shortcut page and press 📄 / 📄 button on your remote control.

Managing apps

🏠 / 🏠 > **My Apps**

Select the item you want to move, press 📄 / 📄 button to manage, then use the D-pad to select the desired position and press OK button to store the new position.

➡ **NOTE**

• Some Apps may not be moved.

Using a VIDAA Account

Signing into an account

Before signing into your VIDAA account, make sure your TV is connected to the network.

1   After the network is connected, press ⌂ / ⌂ button on your remote and select ⌂ **VIDAA Account** icon in the top navigation bar on the Home screen.

2   Register your device to your VIDAA Account. After entering your E-mail and password, select **Sign In**.

Creating a new account

If you do not have a VIDAA account, create a new one to enjoy the best features of your Smart TV.

Before creating a new account, make sure your TV is connected to the network.

1   After the network is connected, press ⌂ / ⌂ button on your remote and select ⌂ **VIDAA Account** icon in the top navigation bar on the Home screen.

2   Select **Create an Account** on screen.

3   Enter your first name, last name, E-mail address and password. First Name and Last Name are optional.

4   Select **Create an Account**.

Using Voice Service

To access the Voice Service, press ⌂ / ⌂ button on your remote and select 🎤 **Voice** icon in the navigation bar. Alternatively, just press the Microphone button on your remote.

➔ NOTE

•   Voice Service feature may not be applicable in some models/countries/regions.

•   To use this function, End User License Agreement and corresponding smart feature privacy policy/terms and conditions may be required to agree to.

Alexa

You can ask Alexa to control this TV.

Before setting up Amazon Alexa Service, connect your TV to the network and sign into your VIDAA Account at ⌂ / ⌂ > ⌂ **VIDAA Account**.

How to set up Alexa

1   Press ⌂ / ⌂ button to select ⚙ **Settings** icon, and select **System** > **Amazon Alexa Service**.

2   Select **Turn On and Set Up Now**.

3   Now, you can sign into your VIDAA account. If you have signed in before, this step will be skipped.

4   After you connect the VIDAA account, the TV screen changes into the next step. Give your TV a name from the list, or you can customise it.

5   You are now at the step sign into your Amazon account. Visit the website on your phone or computer, and enter the on-screen code. The code will expire after 10 minutes. If you do not have an Amazon account, create a new one.

6   Select **Authorise** and follow on-screen steps in Alexa Skill Setup settings.

Now, Alexa is set up and ready. You can enjoy interacting with Alexa using your voice by just pressing and holding the Microphone button on your remote control or using related app on your mobile phone. Ask Alexa after the tone.

➔ NOTE

•   The Alexa function may not be applicable in some models/countries/regions.

•   The setup steps above may vary. Please refer to the specific product.

•   Shipment with voice remote control varies depending on TV models/countries/regions.

•   This feature requires Alexa built-in service. Otherwise, use external Alexa-enabled devices (e.g. Alexa App, Echo) to control your smart TV by using just your voice.

•   Download and install remote control app on your mobile device at ⌂ / ⌂ > ⚙ **Settings** > **Support** > **Mobile App Download**. Press the Microphone icon in the app to interact with Alexa on your TV.

•   You can select the language used by Alexa at ⌂ / ⌂ > ⚙ **Settings** > **System** > **Amazon Alexa Service** > **Alexa Language**. This feature requires Alexa built-in service, which varies depending on TV models and countries/regions.

Google Smart Home Service

For specific models and countries/regions, Google Smart Home Service function is available. Set up Google Smart Home Service to control your smart TV with Google Home devices or the App. You can change channels or inputs, adjust volume and more.

Before setting up Google Smart Home Service, connect your TV to the network and sign in your VIDAA Account at ⌂ / ⌂ > ⌂ **VIDAA Account**.

STEP 1: Set up Google Smart Home Service on TV

1   Press ⌂ / ⌂ button on your remote to select ⚙ **Settings** icon, and select **System** > **Google Smart Home Service**. Turn on **Google Smart Home Service**.

2   Sign into your VIDAA account. If you have signed in before, this step will be skipped.

3   Give your TV a name.

STEP 2: Set up in Google Home app

Follow the setup instructions on-screen to set up Google Smart Home Service.

1   Download and install the Google Home app on your mobile device, then open the app.

2   Find and select VIDAA Voice service in the app.

3   Follow the instructions in the app to link your VIDAA account signed in on your TV to your Google Account.

Smart Functions

Google Smart Home Service is set up and ready. Control your smart TV by using your voice through Google Home device or App.

⇨ **NOTE**

- Google Smart Home Service may not be applicable in some models/countries/regions.

- The setup steps above may vary. Please refer to the specific product.

Media

🏠 / 🏠 > **My Apps > 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:
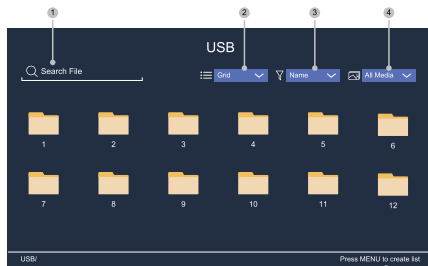
- A USB thumb drive or hard drive.

- 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.

Playing media contents

🏠 / 🏠 > **My Apps > Media > connected devices**

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

```
①              ②        ③        ④
┌─────────────────────────────────────────┐
│              USB                         │
│  🔍 Search File    ≡ Grid ⌄  ⌄ Name ⌄  All Media ⌄│
│                                          │
│  📁    📁    📁    📁    📁    📁        │
│  1     2     3     4     5     6         │
│                                          │
│  📁    📁    📁    📁    📁    📁        │
│  7     8     9     10    11    12        │
│                                          │
│  USB/              Press MENU to create list│
└─────────────────────────────────────────┘
                       ⑤
```

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**, **Photo**, **Video, Music**, **Recorded**.

5 Create a photo, music, or video playlist.

⇨ **NOTE**

- Some options in the above table may not be available in some models/countries/regions.

Playing background music during viewing pictures

1 Choose a picture to display.

2 Press 🔼 / 🔽 button to call out playbar.

3 Select **Background Music** and choose your music to create a Music Playlist.

Now you can play the background music during viewing pictures.

Media format list

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

Video Format

Container	Video Codec	File Extension Name	Resolution and Frame Rate
MPEG	Mpeg1/2	.mpg .mpeg .vob	1920 x 1080p @ 120fps
	Mpeg4		
MP4	Mpeg4	.mp4 .mov	1920 x 1080p @ 120fps
	H.264(AVC)		1920 x 1080p @ 60fps
	H.265(HEVC)		
MKV	Mpeg1/2	.mkv	1920 x 1080p @ 120fps
	Mpeg4		
	H.264(AVC)		1920 x 1080p @ 60fps
	H.265(HEVC)		
AVI	Mpeg1/2	.avi	1920 x 1080p @ 120fps
	Mpeg4		
	H.264(AVC)		1920 x 1080p @ 60fps
WMV	WMV3	.asf .wmv	1920 x 1080p @ 60fps
	H.264(AVC)		
FLV	H.264(AVC)	.flv	1920 x 1080p @ 60fps
TS	H.265(HEVC)	.ts	1920 x 1080p @ 60fps

Audio Format

Container	Audio Codec	File Extension Name
WAV	Mpeg1/2 Layer1	.wav
MP3	Mpeg1/2 Layer2	.mp3
	Mpeg1/2 Layer3	
AAC	AAC, HEAAC	.m4a .aac
WMA	WMA	.wma
	WMA Pro	
PCM	LPCM	N/A
	ADPCM	
AC-3	AC-3	.ac3 .m4a
FLAC	FLAC	.flac
OPUS	OPUS	.opus

Photo Format

Container	File Extension Name	Mode of Operation	Resolution
JPEG	.jpg .jpeg	base-line	15360 x 8640
		progressive	1024 x 768
PNG	.png	no-interlace	3840 x 2160
		interlace	1200 x 800
BMP	.bmp	-	3840 x 2160
GIF	.gif	-	6400 x 4800

Smart Functions

App

🏠 / 🏠 > **My Apps**

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

Installing an app

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

To install an app:

1   🏠 / 🏠 > **My Apps** > **APP STORE**.

2   Use the navigation buttons on your remote to select the app that you want to install.

3   Select **Install**. The selected app is installed on the TV.

📥 **NOTE**

- To use this function, your TV must be connected to the Internet.

- Adding apps is free, but it might cost you money when using some apps.

Sorting apps in My Apps

1   In **My Apps** select the app you want to sort, and then press ▤ / ▤ button to select **Sort**.

2   Press ⌃ / ⌄ / ⌃ / ⌃ button to move it.

3   Press **OK** button to store the new position.

📥 **NOTE**

- Some Apps may not be moved.

Removing an app in My Apps

You can only delete apps that you have installed to the TV. Factory-installed apps cannot be deleted.

1   In **My Apps** select the app you want to remove, and then press ▤ / ▤ button to select **Remove**.

2   Select **OK**. The selected app is deleted.

Installing Mobile App to Control your TV

Press 🏠 / 🏠 button to select ⚙ **Settings** icon, and select **Support** > **Mobile App Download**.

Scan the Mobile App download QR code on screen to install the app on your mobile device. It is possible to control your TV, such as turning the TV on or off, inputting characters with your mobile's keyboard and sharing pictures or videos from your mobile device to the 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, check at 🏠 / 🏠 > ⚙ **Settings** > **Support** > **Disclaimer and Privacy**.

2   Make sure your mobile phone and TV are connected to the same network environment.

3   To use this function, switch on **Content Sharing** at 🏠 / 🏠 > ⚙ **Settings** > **System** > **Application Settings** > **Content Sharing**.

4   Open the mobile app and select the TV device you want to connect.

Adjusting the Picture Quality

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

Choosing a picture mode

🏠 / 🏠 > ⚙ **Settings** > **Picture** > **Picture Mode**

Select a pre-set picture mode to best suit the content you are viewing. Options may differ depending on your model/country/region and the content you are watching. Please refer to the specific product.

◉ **Standard**

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

◉ **Cinema Day**

Use Cinema Day for watching movies in a bright environment.

◉ **Cinema Night**

Use Cinema Night for watching movies in a dark environment.

◉ **Dynamic**

Use Dynamic mode for content that requires vivid picture quality.

◉ **Sports**

Optimised picture for watching sports.

◉ **Auto**

The picture mode will be adjusted automatically.

➡ **NOTE**

- Auto mode may not be applicable in some models/countries/regions, to use this function, you must select **Yes, Enable Enhanced Viewing** in the Enhanced Viewing section during first-time installation, or at 🏠 / 🏠 > ⚙ **Settings** > **System** > **Advanced Settings** > **Enhanced Viewing**.

Changing the aspect ratio

🏠 / 🏠 > ⚙ **Settings** > **Picture** > **Aspect Ratio**

Adjust the Aspect Ratio to stretch or zoom the picture.

◉ **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 of the picture, the middle section of the picture will not be stretched.

◉ **Movie Zoom**

Fill the entire screen by zooming in to remove horizontal black bars from the top and bottom of the picture.

◉ **Direct**

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

Configuring advanced picture settings

🏠 / 🏠 > ⚙ **Settings** > **Picture** > **Picture Mode Settings**

Adjust display settings for each Picture Mode. You can personalise the picture quality by adjusting the following settings.

◉ **Apply Picture Settings**

Adjust current picture mode to apply to all sources or just current source.

◉ **Backlight**

Set the overall brightness of the screen.

➡ **NOTE**

- The function name may vary depending on models.

The following option may differ depending on models. Please refer to the actual product.

Dynamic Backlight Control

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

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

Backlight

Adjust how bright you want images to appear, lower settings create darker images (only when **Dynamic Backlight Control** is off).
This function may not be applicable in some models/countries/regions.

Automatic Light Sensor

TV will automatically adjust the picture settings according to the amount of ambient light in the room.
This function may not be applicable in some models/countries/regions.

Light Sensor Shift

This feature is adjustable only when Automatic Light Sensor is turned on. If the picture is too bright, decrease the value. If the picture is too dark, increase the value.
This function may not be applicable in some models/countries/regions.

Local Dimming (or **Peak Brightness Dynamic Range** for some models)

TV will automatically adjust the backlight in specific areas of the screen according to the contrast changes in the image.
This function may not be applicable in some models/countries/regions.

◉ **Brightness**

Adjust the Brightness level to generate lighter or darker images.

◉ **Contrast**

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

◉ **Colour Saturation**

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

◉ **Sharpness**

Adjust how sharp or soft edges of images appear.

◉ **Adaptive Contrast**

Automatically adjust dark areas and light areas of the image to see more detail.

◉ **Ultra Smooth Motion**

Reduce the afterimage effect when viewing fast-moving objects.
This function may not be applicable in some models/countries/regions.

BRÜHM

Picture and Sound

○ **Clear Motion**

Reduce judder and blur from video content.
This function may not be applicable in some models/countries/regions.

○ **Noise Reduction**

Improve the picture quality by reducing noise.

○ **MPEG Noise Reduction**

Reduce MPEG block noise to provide clearer edge transitions.

○ **Colour Temperature**

Adjust how warm (red) or cool (blue) the white areas of an image appears.

○ **Expert Settings**

Adjust advanced picture settings based on your viewing preference.

○ **Overscan**

Change the video size setting to crop the edges of the displayed image.
This function may not be applicable in some models/countries/regions.

○ **Reset Current Mode**

Restore all the picture settings in the current picture mode to the factory default values.

Configuring expert settings

🏠 / 🏠 > ⚙ **Settings** > **Picture** > **Picture Mode Settings** > **Expert Settings**

Advanced picture settings.

○ **Colour Gamut**

Change the range of colours the TV displays.
This function may not be applicable in some models/countries/regions.

○ **Colour Tuner**

Adjust the 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.

○ **Black Level**

Adjust the HDMI Black Level to enhance current content.

○ **Gamma Adjustment**

Adjust the Gamma to alter how the TV will respond to grayscale content. In low ambient light choose a higher number, in brighter ambient light select a lower number. The default setting of 2.2 is recommended for most ambient light conditions.
This function may not be applicable in some models/countries/regions.

○ **Gamma Calibration**

Adjust selected Gamma curve.
This function may not be applicable in some models/countries/regions.

○ **Viewing Angle**

Provide a better viewing experience when watching TV from anywhere in the room.
This function is only available in VAC-supported models.

○ **RGB Only Mode**

RGB filter for adjustment and control of colour space and colour saturation.

○ **Low Blue Light**

Eye care: reduce the emission of blue light.
This function may not be applicable in some models/countries/regions.

Game Mode Settings

Enabling game mode

🏠 / 🏠 > ⚙ **Settings** > **Picture** > **Game Mode**

Enable **Game Mode** to optimise 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.

Adjusting the Sound Quality

Adjust sound mode and other advanced sound settings.

Choosing a sound mode

🏠 / 🏠 > ⚙ **Settings** > **Sound** > **Sound Mode**

Select a pre-set sound mode to suit the type of content you are listening to.

○ **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.

○ **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.

○ **Sports**

Optimised sound for watching Sports events.

○ **Auto**

The sound mode will be adjusted automatically.

→NOTE

- Auto mode may not be applicable in some models/countries/regions, to use this function, you must choose **Yes, Enable Enhanced Viewing** in the Enhanced Viewing section during the first-time installation, or at 🏠 / 🏠 > ⚙ **Settings** > **System** > **Advanced Settings** > **Enhanced Viewing**.

Dolby Atmos

🏠 / 🏠 > ⚙ **Settings** > **Sound** > **Dolby Atmos**

Set Dolby Atmos to **On** to enhance the richness of sound allowing an immersive listening experience.

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

Configuring advanced sound settings

🏠 / 🏠 > ⚙ **Settings** > **Sound** > **Sound Mode Settings**

Adjust the audio settings of the TV. You can personalise the sound quality by adjusting the following settings.

◉ **Apply Audio Settings**

Adjust current sound mode to apply to all sources or just the current source.

◉ **Bass Boost**

Bass Boost uses DTS TruBass™ to enhance the perception of bass frequencies to provide deep, rich bass response from the TV's internal speakers.
This function may not be applicable in some models/countries/regions.

◉ **Surround Sound**

Surround sound uses DTS TruSurround™ to deliver an immersive surround sound experience from the TV's internal speakers.
This function may not be applicable in some models/countries/regions.

◉ **Dialogue Clarity**

Dialogue Clarity uses DTS Dialogue Clarity™ to boost the frequency range of the human voice so dialogue is clearly understood and heard above audio or surround effects.
This function may not be applicable in certain models/countries/regions.

◉ **TruVolume**

Automatic control over large volume changes while watching TV programmes or films, providing a more comfortable and consistent volume.
This function may not be applicable in some models/countries/regions.

◉ **Equalizer**

Boost the volume at different frequencies.
This function is only applicable when **TV Speakers** is selected at 🏠 / 🏠 > ⚙ **Settings** > **Sound** > **Speakers** > **Audio Output**.

◉ **Subwoofer**

Enable/Disable internal subwoofer.
This function may not be applicable in some models/countries/regions.

◉ **Bass Boost Value**

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

◉ **Wall Mount Setup**

Automatically optimise the sound based on the position of the TV.
This function may not be applicable in certain models/countries/regions.

◉ **Auto Volume Control**

Activate to prevent the volume from changing when switching TV channels.
This function may not be applicable in certain models/countries/regions.

◉ **Reset Current Mode**

Restore all of the audio settings in the current audio mode to the factory default values.

→NOTE

- Some models may not support decoding of DTS CD bitstreams. Playback of this format may produce undesirable noise.

Speakers Settings

🏠 / 🏠 > ⚙ **Settings** > **Sound** > **Speakers**

Adjust the settings of speakers.

Audio Output

Select the speakers which you want to use.

Digital Audio Output

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

◉ **Auto:** the audio device automatically outputs in a supported format.

◉ **Pass Through:** the audio device outputs without any processing.

◉ **PCM:** the audio device outputs PCM (pulse code modulation) format.

◉ **Dolby Digital:** the audio device outputs Dolby Digital audio when connected to the TV via optical port.

◉ **Dolby Digital Plus:** the audio device outputs Dolby Digital Plus audio when connected to the TV via HDMI (ARC/eARC) port.

→NOTE

- This function is only applicable when 🏠 / 🏠 > ⚙ **Settings** > **Sound** > **Speakers** > **Audio Output** is set to **ARC** or **SPDIF Only**.

- When external audio devices are connected to the TV via optical, **PCM** and **Dolby Digital** are suggested.

Digital Audio Delay

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

This function is only applicable when 🏠 / 🏠 > ⚙ **Settings** > **Sound** > **Speakers** > **Audio Output** is set to **ARC** or **SPDIF Only**.

Lip Sync

Synchronise the video and audio.

This function may not be applicable in some Audio Output modes.

Balance

Adjust the left and right speaker level to optimise audio for a specific location.

This function may not be applicable in some Audio Output modes.

Using Headphones

⌂ / ⌂ > ⚙ **Settings** > **Sound** > **Headphone**

Set the sound output mode through headphones.

After connecting your headphone, or other external audio amplifiers, you can set up your TV to your preference.

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

Headphone Mode

Change Headphone audio settings.

Headphone Only, the TV speakers will be muted when the headphones are being used. Any other connected audio devices will also be muted when headphones are in use.

Headphone with Speakers, the TV speakers, headphones and other connected audio devices will have audio output.

Headphone Volume

Independently adjust the volume of the Headphones.

In **Headphone Only** mode, you can adjust the volume by the remote or in Headphone Volume menu on screen.

In **Headphone with Speakers** mode, the TV speaker volume can be adjusted by the remote. The volume of headphone can be adjusted in Headphone Volume menu on screen.

Accessibility

⌂ / ⌂ > ⚙ **Settings** > **Accessibility**
Accessibility function provides menu options and audio description to aid the visually or hearing impaired.

◉ **Menu Scheme**

Select menu scheme style from **Dark**, **Light**.

◉ **High Contrast Menu**

Improve contrast for visually impaired.

◉ **Menu Transparency**

Select menu transparency from **Off**, **Medium**, **High**.

◉ **Audio Type**

Audio Type
Accessibility audio settings.
Voiceover Volume
Independently adjust voiceover level.

➡ **NOTE**

• The above functions may not be applicable in some models/countries/regions.

Setting Time

⌂ / ⌂ > ⚙ **Settings** > **System** > **Time**
Set the current time based on your location.

◉ **Time Format**

Set the time display to be 12 or 24-hour format.

◉ **Date/Time**

Set the Date and Time. You can set the date and time to automatically sync with Internet/broadcast or manually setup by yourself.
This function may not be applicable in some models/countries/regions.

◉ **Time Zone**

Select your time zone.
This function may not be applicable in some models/countries/regions.

◉ **Daylight Saving**

Select whether to apply Daylight Saving Time to the TV.
This function may not be applicable in some models/countries/regions.

Using Timer

⌂ / ⌂ > ⚙ **Settings** > **System** > **Timer Settings**
Adjust the timer settings to suit your preference.

◉ **Sleep Timer**

Set the sleep timer to automatically turn the TV off at the specified time.

◉ **Power On Timer**

Set the time you want the TV to turn on automatically. You can set the same time each day or set a different time on different days.

◉ **Power Off Timer**

Set the time you want the TV to turn off automatically. You can set the same time each day or set a different time on different days.

◉ **Menu Timeout**

Set the amount of time you would like the menu to remain on the screen.

◉ **Auto Sleep**

Set the amount of time that you would like the TV to auto power off after a period of no activity.
This function may not be applicable in some models/countries/regions.

◉ **Auto Standby with No Signal**

TV will go to standby if there is no signal after the set time.

Using Parental Controls

⌂ / ⌂ > ⚙ **Settings** > **System** > **Parental Control**
Turn on Parental Control to prevent children from being able to view certain content.
If you have not set the PIN code before, create and confirm PIN window displays. Using the D-pad on your remote, create the PIN code.
If you have set the PIN code before, enter PIN window will be displayed.
Set PIN code at ⌂ / ⌂ > ⚙ **Settings** > **System** > **System PIN**.

◉ **Locks**

Turn on Locks to enable the Parental Control function.

You will see other Parental Control settings change from a greyed out state to highlighted. When this occurs, **Block Time**, **Channel Block**, **Content Block**, **Input Block**, **App Block**, or **Reset to Default** features are available to set.

◉ **Block Time**

Block the whole TV usage for a defined period of time, including Live TV, HDMI and apps.

◉ **Channel Block**

Block all or individual channels when you turn on the Parental Control feature.

◉ **Content Block**

Certain programmes are blocked by age rating. This is controlled by the broadcaster.

◉ **Input Block**

Block content from devices that are connected to external inputs.

◉ **App Block**

Block access to certain apps.

◉ **Reset to Default**

Restore Parental Control back to the factory default setting.

Setting Language and Location

⌂ / ⌂ > ⚙ **Settings** > **System** > **Language and Location**
Select the language used for this TV and your location.

◉ **Location**

Choose the location from where you will watch your TV.

Accessibility and System

- **Menu Language**

  Set the default language for the TV menu.

- **Primary Audio**

  Set the default audio output language for the type of digital broadcast content that you are viewing.

- **Secondary Audio**

  Set the secondary audio output language for digital broadcast content.

- **Primary Subtitle**

  Set the default subtitle language for digital broadcast content.

- **Secondary Subtitle**

  Set the secondary subtitle language for digital broadcast content.

- **Digital Teletext**

  Adjust Teletext decoding.

Using Power Indicator

🏠 / 🏠 > ⚙ **Settings** > **System** > **Advanced Settings** > **Power Indicator**
Set the Power Indicator to stay **On** or **Off** when in Standby mode.

🏠 / 🏠 > ⚙ **Settings** > **System** > **Advanced Settings** > **Indicator Light Setting**
Set the indicator light from **Power**, **Always** or **Off**.

➡ **NOTE**

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

Enhanced Viewing

🏠 / 🏠 > ⚙ **Settings** > **System** > **Advanced Settings** > **Enhanced Viewing**
You can turn on Enhanced Viewing features to enhance viewing experience.

- **Automatic Content Recognition**

  Provide PQ & AQ adjustment for the current content.

➡ **NOTE**

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

- To use this function, you should accept End User License Agreement and smart feature privacy policy/terms and conditions, and choose **Yes, Enable Enhanced Viewing** in the setting process.

  You will see the other Enhanced Viewing settings change from a greyed out state to highlighted. When this occurs, **Picture Mode Auto Adaptation** and **Sound Mode Auto Adaptation** features will be enabled.

- **Picture Mode Auto Adaptation**

  Automatically switch to the best picture mode for the current content.
  This function may not be applicable in some models/countries/ regions.

- **Sound Mode Auto Adaptation**

  Automatically switch to the best sound mode for the current content.
  This function may not be applicable in some models/countries/ regions.

Setting Usage Mode

🏠 / 🏠 > ⚙ **Settings** > **System** > **Advanced Settings** > **Usage Mode**
Set the TV to use in Home or Store mode.

- **Home Mode**

  Select Home Mode for normal TV usage.
  If you want to switch to Store Mode when the TV is in Home Mode, press 🏠 / 🏠 button to select ⚙ **Settings**, and select **System** > **Advanced Settings** > **Usage Mode**, and choose **Store Mode**.

- **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 to select ⚙ **Settings**, and select **System** > **Advanced Settings** > **Usage Mode**, and choose **Home Mode**.

  ➡ **NOTE**

  - Enabling Store Mode could increase energy consumption.

Using Remote Control Service

🏠 / 🏠 > ⚙ **Settings** > **Support** > **Remote Control Service**
Remote Control Service enables your TV to be controlled from the client server to let service agent diagnose the problem of your TV and dealing with the problem online efficiently.
To use this function:

1. Turn on **Remote Control Service**.

2. Select **Agree All** and **Confirm** in End User License Agreement page.

3. Select **Generate PIN** in Remote Control Service.

4. You can initiate a help request to a service agent by the hotline and provide the on-screen PIN.

➡ **NOTE**

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

- Steps above may vary. Please refer to the specific product.

- Keep the network connected when the Remote Control Service is running.

Accessibility and System

Checking the Software Version

To check the current software version of your TV:

Access ⌂ / ⌂ > ⚙ **Settings** > **Support** > **System Info** > **Version**.

Software Upgrade

⌂ / ⌂ > ⚙ **Settings** > **Support** > **System Upgrade**

Set your TV to receive the latest firmware.

⚪ **Auto Firmware Upgrade**

Set your TV to automatically receive the latest firmware.

⚪ **Check Firmware Upgrade**

Check to ensure that your TV has received the latest firmware. Please ensure your TV is connected to the Internet.

⚪ **Check OAD Upgrade**

Check to ensure that your TV has received the latest firmware via the tuner.

➡ **NOTE**

・Please ensure your TV is connected to the Internet.

・This function is only applicable when Thailand and Malaysia are selected in Location.

⚪ **System App Auto Upgrade**

Set your system applications to automatically upgrade to the latest version. App auto upgrade will be completed in the background, confirmation on new Privacy Notices may be required to complete any upgrades.

⚪ **Upgrade from USB**

Upgrade TV software from USB device.

➡ **NOTE**

・Please ensure the USB flash drive insert to USB 2.0 port of the TV.

・The update files must be located in the root directory of the up-date USB device.

・The format of the USB must be FAT32 and the partition table type must be MBR.

HbbTV

Access service from providers through HbbTV.

⌂ / ⌂ > ⚙ **Settings** > **System** > **Application Settings** > **HbbTV**

Enable or disable HbbTV functionality for all channels (only available for digital channels).

In Live TV, press 📖 / 📖 button to select **HbbTV**.

Enable or disable HbbTV functionality for the current channel (only available for digital channels).

When HbbTV service is enabled and the programme supports HbbTV, follow the instructions on the TV screen to select the corresponding button on the remote control to access the service.

➡ **NOTE**

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

• Some channels may not support the HbbTV service.

Setting the TV Name

⌂ / ⌂ > ⚙ **Settings** > **System** > **Advanced Settings** > **TV Name**

You can edit the name for your TV to be used on the network.

➡ **NOTE**

• Up to 18 characters can be entered.

Checking the TV Running Time

You can access the Status Check page to view the running time of your TV.

1. In Live TV or HDMI source, press 📖 / 📖 button to launch the quick menu.

2. Under the quick menu, press and hold ▬▬ [BLUE] button, the Status Check page will appear on screen for you to check the TV running time.

➡ **NOTE**

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

Reset to Factory Default

⌂ / ⌂ > ⚙ **Settings** > **Support** > **Reset to Factory Default**

Restore your TV to the factory default. Reset will clear your personal settings, information and data.

Picture Issues

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

⌂ / ⌂ > ⚙ **Settings** > **Support** > **Self Diagnosis** > **Picture Test**

Before you review the list of problems and solutions below, use **Picture Test** to determine if the problem is caused by the TV. **Picture Test** displays a high definition picture that you can examine for flaws or faults.

- If the test picture does not appear or there is noise or distortion, the TV may have a problem. Contact the service company in your country/region.
- If the test picture is displayed properly, there may be a problem with an external device. Please check the connections.
- If the problem persists, check the signal strength or refer to the external device's user manual.

The Problem	Possible Solutions
No picture, or black and white picture.	• Unplug the TV power cord from AC outlet and re-plug after 60 seconds. • Check if the **Colour Saturation** is set to 50 or higher at ⌂ / ⌂ > ⚙ **Settings** > **Picture** > **Picture Mode Settings** > **Colour Saturation**. • Try different TV channels.
The picture is distorted.	• 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.
The picture is blurry or flickering, or cuts out momentarily.	• ⌂ / ⌂ > ⚙ **Settings** > **Picture** > **Picture Mode Settings** > **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.	• ⌂ / ⌂ > ⚙ **Settings** > **Picture** > **Picture Mode Settings** > **Expert Settings** > **White Balance**. You can try to increase or decrease the **White Balance**.
Picture distorted or appear wavy.	• 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.

Sound Issues

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

⌂ / ⌂ > ⚙ **Settings** > **Support** > **Self Diagnosis** > **Sound Test**

If the TV plays the **Sound Test** melody without distortion, there may be a problem with an external device or the broadcast signal's strength.

The Problem	Possible Solutions
There is no sound or the sound is too low at maximum volume.	• 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.	• Check the volume settings. • Check if 'Mute' mode is set to on.
The speakers are making an odd sound.	• 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.	• 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.	• 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.

Network Issues

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

⌂ / ⌂ > ⚙ **Settings** > **Support** > **Self Diagnosis** > **Network Test**

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

The Problem	Possible Solutions
The TV cannot connect to your network or apps.	• Make sure the TV has a network connection. • Run ⌂ / ⌂ > ⚙ **Settings** > **Support** > **Self Diagnosis** > **Network Test**. • Contact your Internet service provider.
The wireless network connection failed.	• Make sure your wireless modem/router is on and connected to the Internet.
The wireless network signal is too weak.	• Position your wireless router, modem router, or access point in a central location. Avoid putting it in a corner.

Troubleshooting

External Device Connection Issues

When the TV has difficulties with external device connection, these solutions may help resolve the problem.

The Problem	Possible Solutions
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. • Make sure you have made the correct selection of input source.
The TV is having trouble receiving a signal from an external set top box.	• If there is no signal occasionally, unplug cable from TV and re-plug after 60 seconds. • Change to another HDMI port. • Change to another HDMI cable.
There is no sound.	• Check whether ARC is selected at ⌂ / ⌂ > ⚙ **Settings** > **Sound** > **Speakers** > **Audio Output**. If not, you need to check whether the external power amplifier device is connected to the ARC port or optical port of the TV. • ⌂ / ⌂ > ⚙ **Settings** > **Sound** > **Speakers** > **Digital Audio Output**. You can try to select **PCM**, **Dolby Digital**, or **Dolby Digital Plus**. • Whether the power amplifier device port is connected correctly.
The remote control does not work.	• Confirm that TV still has power and is operational. • Change the new batteries in the remote control. • Check if the batteries are correctly installed. • If some buttons don't work, but the volume buttons can work normally, it seems there is a problem with the application.

· Keyboards connected via USB or Bluetooth technology may not be usable with some Apps.

Apps

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

The Problem	Possible Solutions
Netflix cannot be played.	• ⌂ / ⌂ > ⚙ **Settings** > **System** > **Application Settings** > **Netflix** > **Forced Closure**, then reopen to try. • You can try to reset to the factory settings at ⌂ / ⌂ > ⚙ **Settings** > **Support** > **Reset to Factory Default**.

Media Files

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

The Problem	Possible Solutions
Some files can't be played.	• Most files can be played back, but you might experience problems with corrupted files or files with high-bitrate, unsupported resolution, unsupported container or codec formats.

TV Status Diagnosis

⌂ / ⌂ > ⚙ **Settings** > **Support** > **Self Diagnosis**

When the TV malfunctions, you can perform some self-diagnosis to find the problem.

◉ **Picture Test**

When performing the Picture Test, a test picture will be shown on screen. Select OK to start the test. Picture Test displays a high-definition picture that you can examine for flaws or faults. Please check the picture carefully in the next 10s.

◉ **Sound Test**

When performing the Sound Test, a test sound will be played with the TV Speaker. Select OK to start the test. Please listen to the sound carefully to check whether you can hear sound problem.

◉ **Network Test**

When performing a Network Test, the test will confirm whether your TV is connected to network via the TV screen. If the network test is successfully but you still have problems using online services, please contact your Internet provider.

◉ **Input Connection Test**

When performing a Input Connection Test, you can select from the input sources and check related information with external connections.

◉ **Status Check**

When performing a Status Check, the status of your TV will be displayed showing any error codes.

Other Issues

Use these procedures to resolve other issues that may occur.

The 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.
When I turn on my TV, there is a delay for a few seconds before the picture appears. Is this normal?	• Yes, this is normal. The TV is initializing and searching for previous setting information.