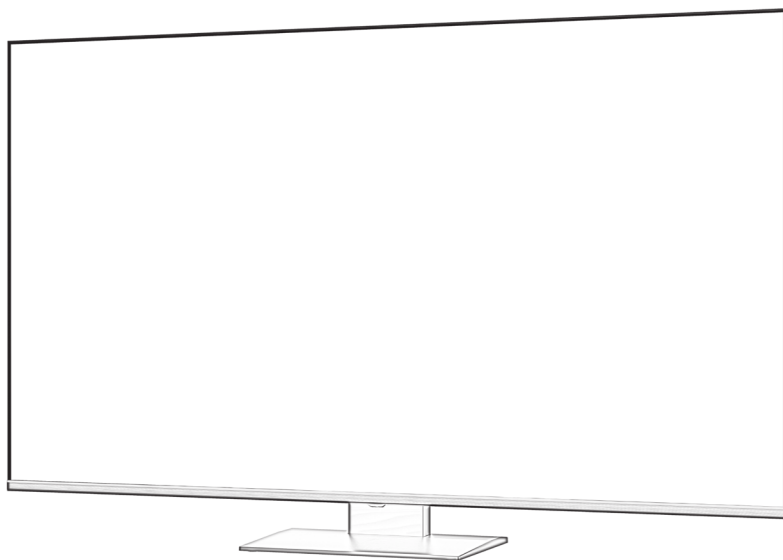


SHARP

 **Google TV**



Instruction manual

Sharp Google TV

EN

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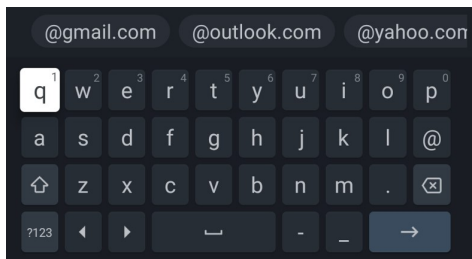
Getting started

Inputting text

On-screen Keyboard

The TV includes a preinstalled on-screen keyboard, which appears whenever text needs to be entered by the user, e.g. Wi-Fi password or website address in the web browser. To navigate the on-screen keyboard, use the ARROW buttons on the remote control. Press **OK** to enter the selected character.

If you press and hold the **OK** button for 2 seconds while a symbol is selected, this will display the associated national character(s) with accents or diacritical marks.



Accessibility features

Accessibility settings are features designed to make the TV easier to use for people with disabilities. These settings assist users with visual or hearing impairments by adapting the TV interface and content.

To access the Accessibility menu, press the **⚙️** (Quick Settings) button and navigate to **[All settings] > [Accessibility]**. Within this menu, the following options are available:

[TalkBack (screen reader)] - A screen reader that assists visually impaired users by reading aloud on-screen text, menu items, and other interface elements. It can also be activated using the accessibility shortcut.

[Text to speech] - Settings for the TalkBack screen reader.

[Text scaling] - Adjusts the size of text in the TV menus.

[Bold text] - Makes menu text bold for easier readability.

[Colour correction] - An accessibility option for colour-blind users. This setting allows you to adjust how colours are displayed. Available modes include:

[Deuteranomaly] (green-red)

[Protanomaly] (red-green)

[Tritanomaly] (blue-yellow)

[Greyscale] (Achromatopsia)

[Accessibility shortcut] - A quick way to enable an accessibility feature. When the shortcut is active, press both the **⬅️** (Back) and down arrow buttons for 3 seconds to start the selected accessibility feature. You can choose the shortcut function under **[Shortcut service]**. The default option is TalkBack.

[Time to take action (accessibility timeout)] - You can choose how long to show messages that ask you to take action, but are visible only temporarily.

[Key repeat delay] - Adjusts the delay before a held key starts repeating.

[Switch Access] - Allows control of the TV using one or more external switches instead of the remote control. Items on the screen are scanned and highlighted sequentially until a selection is made.

[Audio description] - Adds a narration track that describes visual elements of the programme, aiding visually impaired users. Available only with supported digital TV content.

[Captions] - Displays text on the screen that represents spoken dialogue and sound effects. Useful for users who are deaf or hard of hearing. Options include:

[Display] - Turns captions on or off.

[Language] - Selects the preferred caption language.

[Text size] - Adjusts the size of the displayed text.

[White on black] / [Black on white] - Choose the caption text and background colour combination.

[High-contrast text] - Enhances text contrast on screen for improved readability.

Using the Remote Control

You can operate many of the TV's features by using the UP, DOWN, LEFT, RIGHT and OK buttons on the remote control.

The following remote control buttons are used to navigate the menus:

⬅️ (Back) - Takes you one step back in the menu. Press and hold to exit from the menu and return to the source or Home screen.

ARROW BUTTONS - Navigate around the options on the screen.

OK - Selects the option highlighted or selected.

Your TV can also be voice controlled using Google Assistant.

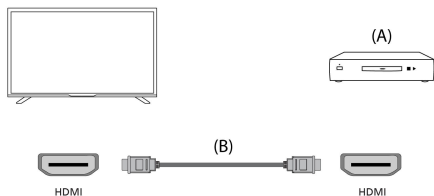
If your remote control has a limited number of buttons (no number buttons, no colour buttons), press and hold the **⚙️** (Settings) button to display the on-screen keyboard. This keyboard includes additional buttons that may not be available on the remote control. For example, you can use numbers to select a TV channel directly or use colour buttons to control features in HbbTV or Teletext.

Connecting external devices

Before switching on the TV, connect your external devices before continuing with the initial installation. Depending on the connections available on your TV, follow the guidance below when connecting external devices.

HDMI Connection

For optimum picture quality, we recommend connecting your device to the TV using an HDMI cable.



Information on 144 Hz Refresh Rate

This TV supports a 144 Hz refresh rate for all resolutions up to 4K.

To achieve 4K@144 Hz, the connected device must output a video signal at that resolution and refresh rate. The device must be connected to the TV using an HDMI cable marked as "Ultra high speed" or better.

HDMI CEC-Compatible Devices

If an HDMI CEC-compatible device (e.g., Blu-ray player, AV receiver) is connected with an HDMI cable, you can operate the device with the TV's remote control. We recommend using the HDMI (ARC) connection when connecting an AV receiver. Please refer to the ARC section of this Operation Manual.

Adjusting HDMI CEC Settings

- Switch on the connected device.
- To enable HDMI control, press the  (Home) button, then select **[Quick Settings] > [All settings] > [Channels and inputs] > [External Inputs]**, scroll down and enable [Global CEC control].
- Enable HDMI control on the connected device.

Available options:

[Global CEC control] - Allows the TV to control HDMI devices.

[Allow TV to turn off connected devices] - If disabled, connected devices will not switch off automatically when the TV is switched off.

[Allow connected devices to turn on TV] - If disabled, the TV will not switch on automatically when a connected device is switched on.

Features Available to Compatible CEC Devices

Blu-ray/DVD player

- Automatically turns the TV on and switches the input to the connected Blu-ray/DVD player when the Blu-ray/DVD player starts to play.
- Automatically turns the connected Blu-ray/DVD player off when you turn the TV off.
- Allows you to control menu navigation, playback and track selection of the connected Blu-ray/DVD player using the TV remote control.

AV Receiver

- Automatically turns the connected AV receiver on and switches the sound output from the TV speaker to the audio system when you turn the TV on. This function is only available if you have previously used the AV receiver to output the TV's sound.

- Automatically switches the sound output to the AV receiver by turning the AV receiver on when the TV is turned on.
- Automatically turns the connected AV receiver off when you turn the TV off.
- Adjust the volume and mute functions via the **VOL+/-** and **MUTE** buttons on your TV remote control.

Video Camera

- Automatically turns the TV on and switches the input to the connected video camera when the camera is turned on.
- Automatically turns the connected video camera off when you turn the TV off.
- Allows you to control menu navigation, playback and track selection using the TV remote control.

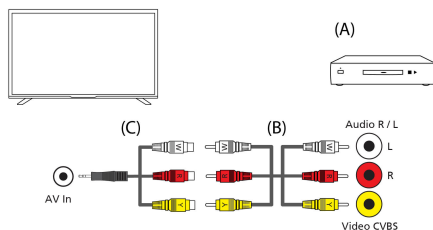
Note:

Not all devices with HDMI input/output are HDMI CEC compatible. For information about CEC compatibility, refer to the instruction manual of the device. Refer to the "HDMI connection (ARC supported)" section of this manual for information relating to connecting an HDMI (ARC) enabled device.

Composite video connection

If your external device has composite jacks/sockets, connect them to the TV using a composite video/audio cable.

Mini AV connection



(A) External Device

(B) Composite video/audio cable (not supplied)

(C) Composite video/audio adapter cable (not supplied)

Connecting an external audio device

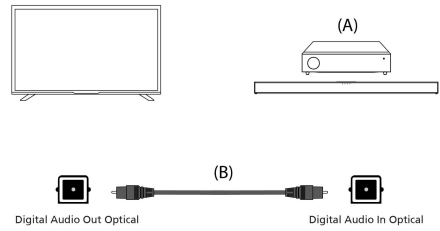
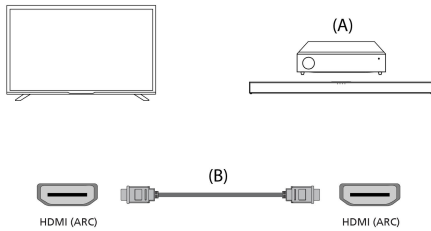
You can connect audio systems such as AV receivers or soundbars to the TV. Select a connection method below according to the specifications of the audio system you want to connect.

- Connecting with an HDMI cable.
- Connecting with a digital optical cable.
- Connecting with an audio cable.

HDMI Connection (ARC/eARC)

Connect the TV and audio system using an HDMI cable. This is the recommended method of connecting an external audio device.

Use an HDMI cable to link the HDMI port on the TV marked with "eARC" to the HDMI port on the external audio device bearing the "ARC" or "eARC" text.



- (A) AV receiver or soundbar
(B) HDMI cable (not supplied)*

Note:

To ensure proper operation of the eARC function, use an HDMI cable labelled "HDMI High Speed with Ethernet" or better.

Additional settings for HDMI ARC connection

For this connection to work, HDMI CEC must be enabled on the TV. To do this, press the **(H)** (Home) button, then select **[Quick Settings] > [All settings] > [Channels and inputs] > [External Inputs]**, scroll down and activate **[Global CEC control]**.

Additional settings for HDMI eARC connection

HDMI eARC must be activated in the menu. To activate it, press the **(H)** (Home) button, then select **[Quick Settings] > [All settings] > [Display and sound] > [Audio output]** and make sure that **[eARC]** is set to **[Auto]**.

The volume can be controlled using the TV remote control (CEC must be enabled).

When ARC/eARC is working, the sound from the TV speakers will be muted.

If your connected audio system is not producing sound, it is possible that it does not support the required codecs. In such cases, you can try allowing the TV to decode the sound. Press the **(Q)** (Quick Settings) button and select **[All settings] > [Display and sound] > [Audio output] > [Audio Output Type] > [PCM]**.

Differences between ARC and eARC explained

If your external audio system only supports the HDMI ARC function, the TV will only be able to transmit compressed audio with a maximum of 5.1 channels.

If your external audio system supports the HDMI eARC function, the TV will be able to transmit uncompressed audio with a maximum of 7.1 channels. Transmission of object sound, such as Dolby Atmos and DTS:X, is also supported.

Digital Audio (Optical)

Connect the TV and audio system using a digital optical cable.

Connect to the audio system's digital optical input terminal.

- (A) AV receiver or soundbar
(B) Optical audio cable (not supplied)

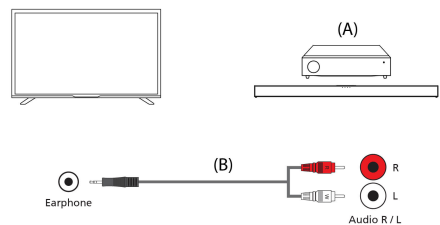
Note:

When using the digital optical output for audio connection, it is important to disable the TV's internal speakers to avoid any echo effects. To do this, press the **(Q)** (Quick Settings) button and select **[All settings] > [Display and sound] > [Audio output] > [Output Device] > [SPDIF/Optical]**. This will disable the TV's internal speakers.

If your connected audio system is not producing sound, it is possible that it does not support the required codecs. In such cases, you can try allowing the TV to decode the sound. Press the **(Q)** (Quick Settings) button and select **[All settings] > [Display and sound] > [Audio output] > [Audio Output Type] > [PCM]**.

RCA Analogue Audio Cable

Connect to the audio system's audio input terminal.



- (A) AV receiver or soundbar
(B) Audio cable (not supplied)

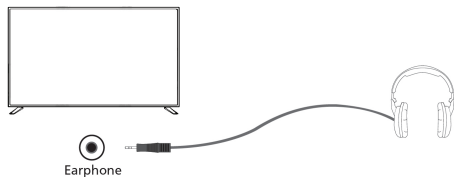
Note:

The output audio level is dependent upon the headphone level. The volume level on the connected audio system must be turned up.

Connecting Headphones

You can connect wired or Bluetooth headphones to this TV.

Connecting wired headphones



When wired headphones are connected to the 3.5 mm jack socket of the TV, the internal speakers will cut out. The headphone volume is controlled using the **VOL+** and **VOL-** buttons on the remote control.

Connecting Bluetooth headphones

Pairing of Bluetooth headphones with the TV:

1. Press the **⏠** (Home) button to access the Home screen.
2. Activate the pairing function on your headphones. Please refer to the user manual of your headphones to find out how.
3. Press the **⚙** (Quick Settings) button to open the Quick Settings menu.
4. Navigate to **[All settings] > [Remotes and accessories] > [Pair remote or accessory]**.
5. The name of your headphones will appear on the TV screen. Select them and press **OK** to confirm the pairing.

To connect paired Bluetooth headphones:

1. Press the **⚙** (Quick Settings) button on the remote control, then select **[All settings] > [Remotes and accessories]**.
2. Select the paired but disconnected headphones. Ensure the headphones are powered on.
3. Select **[Connect]**.

When Bluetooth headphones are connected to the TV, the internal speakers will cut out. The volume of the sound from the Bluetooth headphones is adjusted via the remote control using the volume buttons.

Note:

Avoid using excessive volume with headphones for prolonged periods, as this may cause hearing damage.

First time installation

When the TV is turned on for the first time it will enter the installation mode. It is recommended that all steps are completed to ensure correct operation. Use the **⏮** (Back) button on your remote control to return to the previous screen.

Note:

You can activate the screen reader during the initial setup to assist users with visual impairments. It can be turned on or off at any time by pressing and holding the **⏮** (Back) and down arrow buttons together for 3 seconds.

1. When the TV is switched on for the first time, instructions for pairing the remote control are displayed on the screen. Pair your voice remote by following the on-screen instructions. You will need to press and hold the two remote control buttons shown on the screen.

2. Select your preferred on-screen display language. This sets the language in which menus and related information are displayed. To change it later, go to the **[System]** menu.
3. This step helps you set up the TV quickly. To complete this step, you must have a Google Account and be signed in on your smartphone. Make sure your smartphone is connected to Wi-Fi and that Bluetooth is enabled. You should then receive a notification on your phone, which will allow you to set up the TV automatically. Alternatively, you can scan the QR code on the TV screen.

Note:

If the options above do not work for you, select **[Manual set up (with TV remote)]** at the bottom of the screen. You will then need to set up the following items manually:

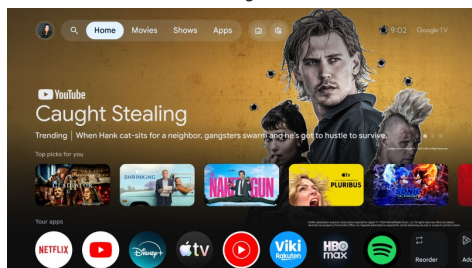
- Set up TV mode. Set up your TV in **[Normal mode]** or **[Demo mode]**. **[Normal mode]** is the default setting for normal use. **[Demo mode]** switches the TV to demonstration mode for retail shops. Make sure you select the correct operating mode, as it cannot be changed later. To change the mode after setup is complete, you will need to perform a factory reset.
 - If your TV is not connected via an Ethernet/LAN cable, you will be asked to select a Wi-Fi network and enter the password. Choose your network, then follow the on-screen instructions to enter your password. Once the password has been entered correctly, the TV will connect to your network and to the Internet, if available.
 - Use the on-screen keyboard to sign in to your Google Account. On the first screen, enter your email address, then enter your password on the next screen.
4. On the next screen, you can review the detailed terms and conditions, as well as the privacy policy. By selecting **[Accept]**, you agree to these terms and can proceed with the setup.
 5. Google Services screen. Select **[Learn more]** to read information about the services provided by Google. You can also enable or disable optional items, such as diagnostics and location services. Press the **⏮** (Back) button to return to the main screen, then select **[Accept]** to continue with the setup.
 6. Search across all your TV apps. This screen is associated with Google Assistant. Select **[Allow]** to enable content search within apps using voice commands. For example, you can ask Google Assistant to play a specific programme from a streaming app. If you prefer not to use voice search, select **[No, thanks]**.
 7. Select a home. This step adds the TV to the Google Home ecosystem. Select the home to which you want to assign the TV.
 8. Select a room. This step adds the TV to a room within your Google Home. Select the room to which you want to assign the TV.
 9. Choose your services. Select the apps that will be automatically downloaded and installed during setup. Selected apps are marked with a tick in the corner. This is only part of the initial setup; you can search for and install additional apps from the Home screen later. When you have finished selecting apps, select **[Confirm]** to continue with the setup.
 10. Select the country in which the TV will be used. This determines certain TV functions, such as

operator-specific settings for channel tuning. Please note that this setting cannot be changed later in the menu. To change the country, you will need to perform a factory reset and repeat the initial setup.

11. If you have an antenna cable connected to one of the TV's tuners, select the appropriate option and start the tuning process. While the TV is tuning, the screen will show progress updates and the number of digital channels found. If you do not have an antenna connected, select [Skip].
12. Please check your settings. On this screen, you can review your country and channel installation settings. Select [Start now] to proceed with the final step of setup. Depending on your previous settings and Internet speed, this step may take a few minutes. You can view the setup progress on the displayed progress bar.
13. Congratulations! Your setup is now complete. Select [Go to Google TV] to start using your new TV.

Home screen

The Google TV Home screen is the central hub for accessing features and content on your TV. It provides an easy-to-use interface that allows you to browse apps, recommendations and settings.



You can open the Home screen at any time by pressing the **(Home)** button on the remote control. In the top row of the Home screen, you can find the following options:

[Profile] - Google TV supports multiple user profiles, allowing each family member to have their own personalised experience. The Profile Switching feature lets you switch between user profiles to access personalised recommendations and settings. From here, you can also create a new profile or add a child profile to your account. Each profile includes the following options:

[Watchlist] - Contains movies and shows that you have marked to watch later.

[Library] - Contains content that you have bought or rented.

[Content preferences] - Displays posters of movies and shows and lets you choose whether you like or dislike them. After completing this process, you will receive better recommendations.

[Search] - Use the search bar to search for movies or shows. You can also search for content by selecting one of the preset genres listed below the search bar.

[Home] - The Home screen is the main landing page of the Google TV interface. It displays a customisable layout with content recommendations, recently accessed apps and personalised suggestions based on your viewing habits.

[Apps] - The Apps section gives you quick access to all installed applications on your Google TV. You can browse and open your favourite streaming services, games and other apps from this section. You can also search for and install apps and games from this menu.

[Screensaver] - Activates the screensaver feature.

[Quick Settings] - In Quick Settings, you can customise and configure commonly used Google TV settings, such as display, audio and network settings. Notifications are displayed at the bottom. If you keep the **(gear icon)** selected and press **OK**, the full Settings menu will open.

Note:

- The description of the Home screen above applies when at least one Google Account is linked to the TV.
- The top row of the Home screen may contain additional items, depending on the country selected during the initial installation.

Installing new apps

Your TV comes with a variety of pre-installed apps, but you may want to download additional apps to customise your viewing experience. Follow the steps below to install a new app:

1. Press the **(Home)** button to open the Home screen.
2. In the top row, select **[Apps]**.
3. Use the search bar to search for the app or game you want to install. Enter the app name using the on-screen keyboard.
4. Select the app you want to download.
5. If the app is free, select **[Install]** to start the download. If the app is not free, select the price and follow the prompts to complete the purchase.
6. The new app will be added to the end of the Apps row on the Home screen.

Note:

- Some apps may not be compatible with your TV or may not be available in your country. If you have trouble downloading an app, check the app's compatibility and availability information.
- You can also download apps to your Google TV using your phone or computer. To do this, navigate to the Google Play Store on your phone or computer and select the app you want to download. Then, select your Google TV from the list of available devices and follow the prompts to complete the download.

Removing apps

1. Press the **(Home)** button to open the Home screen.
2. In the top row, select **[Apps]**.
3. Find the app you want to uninstall in the list of your apps, or use the search bar to find it.
4. When you find the app, select it and choose **[Uninstall]**.
5. The app will be removed from the Apps row on the Home screen automatically.

Note:

Certain preinstalled apps cannot be uninstalled.

Remote control

Remote control (Option 1)

The type of remote control supplied with your TV may vary depending on the model, country or region of sale.



1. **STANDBY** - Switch on the TV when in standby or vice versa. Press and hold this button to display the power menu, where you can switch the TV to energy-saving standby mode.
2. **SOURCE** - Displays the input/source menu.
3. **NUMBER BUTTONS 0-9** - Direct TV channel selection.
4. **MUTE** - Mutes the sound or vice versa.
5. **INFO** - Press once to view information about the programme you are currently watching. Press again to view detailed information. Press ► while the information panel is displayed to view information about the upcoming programme.
6. **PROFILE** - Switches between different user profiles.
7. **MICROPHONE** - Press and hold to use your voice to access entertainment, control smart devices, get answers on screen, and more.
8. **SETTINGS** - Short press: Opens the Settings menu. Long press: Displays the on-screen keyboard (Live TV mode only).
9. **(▲/▼/◀/▶/ OK)** - Allows you to navigate the on-screen menus and adjust the system settings to your preferences.
10. **BACK** - Short press: Step back in the menu. Long press: Exit the currently displayed menu.
11. **HOME** - Short press: Displays the TV's Home screen. Long press: Opens the Settings menu.

12. **LIVE GUIDE** - Opens the 7-day TV guide (digital TV mode).
13. **VOL +/-** - Increases/decreases the sound level.
14. **CH +/-** - Switches to the next/previous channel in the sequence.
15. **NETFLIX** - Access to the Netflix app.
16. **LIVE TV** - Switches the TV source to live broadcast channels received via the TV tuner.
17. **PRIME VIDEO** - Access to the Prime Video app.
18. **YOUTUBE** - Access to the YouTube app.
19. **SHARP** - Opens the SHARP Smart Portal.
20. **FAV APP** - Long press: A list of apps opens. Select the app you want to assign to the FAV APP button for quick access. Short press: Launches the remembered app.
21. **AUDIO** - Opens the audio track menu.
22. **SUB** - Turns subtitles on or off at the bottom of the screen.
23. **TEXT** - Turns teletext on/off.
24. **TV** - Switches the TV to the last watched input.
25. **COLOUR BUTTONS** - Perform the corresponding on-screen functions.

Pairing the remote control with the TV

1. Press the **(H)** (Home) button, then from the top row select **[Quick Settings]** and press **OK**.
2. The Quick Settings menu appears. Keep the cursor on the Settings symbol and press the **OK** button again to enter the Settings menu.
3. Then select **[Remotes and accessories] > [Pair remote or accessory]**.
4. Follow the on-screen instructions to pair the remote control with the TV. You can pair the remote in one of three ways—choose the method that suits you best:
 - Briefly press the **(M)** (Microphone) button.
 - Press and hold the **(B)** (Back) and **(H)** (Home) buttons simultaneously.
 - Press and hold the Left Arrow and **(H)** (Home) buttons simultaneously.
5. The name of your remote will appear on the TV screen. Press **OK** to confirm the pairing.

How to unpair / reset your remote

To unpair your remote from another device, press and hold the **SOURCE** and **(B)** (Back) buttons simultaneously for 5 seconds. The LED on the remote will blink red briefly to confirm successful unpairing.

Note:

- If you encounter any issues with pairing or using the remote control, you can try resetting it this way and then pair it again.

Remote control (Option 2)

The type of remote control supplied with your TV may vary depending on the model, country or region of sale.



1. **STANDBY** - Switch on the TV when in standby or vice versa. Press and hold this button to display the power menu, where you can switch the TV to energy-saving standby mode.
2. **SOURCE** - Displays the input/source menu.
3. **PROFILE** - Switches between different user profiles.
4. **MICROPHONE** - Press and hold to use your voice to access entertainment, control smart devices, get answers on screen, and more.
5. **SETTINGS** - Short press: Opens the Settings menu. Long press: Displays the on-screen keyboard (Live TV mode only).
6. **(▲/▼/◀/▶/OK)** - Allows you to navigate the on-screen menus and adjust the system settings to your preferences.
7. **BACK** - Short press: Step back in the menu. Long press: Exit the currently displayed menu.
8. **HOME** - Short press: Displays the TV's Home screen. Long press: Opens the Settings menu.
9. **LIVE GUIDE** - Opens the 7-day TV guide (digital TV mode).
10. **VOL +/-** - Tilt to increase/decrease the sound level. Press and hold shortly to mute/restore the sound.
11. **CH +/-** - Tilt to switch to the next/previous channel in the sequence. Press and hold shortly to view information about the programme you are currently watching. Press and hold shortly again to view detailed information. Press ► while the information panel is displayed to view information about the upcoming programme.
12. **NETFLIX** - Access to the Netflix app.
13. **LIVE TV** - Switches the TV source to live broadcast channels received via the TV tuner.

14. **PRIME VIDEO** - Access to the Prime Video app.
15. **YOUTUBE** - Access to the YouTube app.
16. **SHARP** - Opens the SHARP Smart Portal.
17. **FAV APP** - Long press: A list of apps opens. Select the app you want to assign to the FAV APP button for quick access. Short press: Launches the remembered app.

Note:

- This remote control is solar-powered. It does not contain any batteries; however, it must have access to a light source to stay charged and in working condition.
- A solar cell is located in the lower half of the top side. Make sure this part of the remote control has access to room light.
- Keeping the remote in dark places, such as drawers, may lead to complete discharge.
- If the remote is discharged, you can use a USB-C cable to quickly charge it with a phone charger.

Pairing the remote control with the TV

1. Press the **(H)** (Home) button, then from the top row select **[Quick Settings]** and press **OK**.
2. The Quick Settings menu appears. Keep the cursor on the Settings symbol and press the **OK** button again to enter the Settings menu.
3. Then select **[Remotes and accessories] > [Pair remote or accessory]**.
4. Follow the on-screen instructions to pair the remote control with the TV. You can pair the remote in one of three ways-choose the method that suits you best:
 - Briefly press the **(M)** (Microphone) button.
 - Press and hold the **(B)** (Back) and **(H)** (Home) buttons simultaneously.
 - Press and hold the Left Arrow and **(H)** (Home) buttons simultaneously.
5. The name of your remote will appear on the TV screen. Press **OK** to confirm the pairing.

How to unpair / reset your remote

To unpair your remote from another device, press and hold the **SOURCE** and **(B)** (Back) buttons simultaneously for 5 seconds. The LED on the remote will blink red briefly to confirm successful unpairing.

Note:

- If you encounter any issues with pairing or using the remote control, you can try resetting it this way and then pair it again.

Channel tuning

Tuning terrestrial (antenna) channels

To start channel scanning via antenna, follow the steps below:

1. Press the **⊕** (Quick Settings) button, then select **[All settings]** > **[Channels and inputs]** > **[Channels]** > **[Channel Scan]**.
2. Select **[Tuner Mode]** and choose [Antenna] to ensure that terrestrial channels are tuned.
3. Select **[Antenna Auto Scan]** to tune all available channels.
4. Select **[Antenna Update Scan]** to remove inactive channels and search for newly available channels.
5. Select **[Antenna Manual Scan]** to tune only a single frequency band (multiplex).

Before tuning channels, you can change the following settings in this menu:

[LCN] - Toggles Logical Channel Numbering (LCN) on or off. When LCN is enabled, digital TV channels are sorted according to the provider's preferences. Please note that enabling LCN may limit your ability to rearrange channel positions or change channel numbering.

[Auto Service Update] - When enabled, the TV searches for new channels and removes channels that are no longer found while the TV is in standby mode overnight.

Tuning cable channels

To start channel scanning via a cable network, follow the steps below:

1. Press the **⊕** (Quick Settings) button, then select **[All settings]** > **[Channels and inputs]** > **[Channels]** > **[Channel Scan]**.
2. Select **[Tuner Mode]** and choose [Cable] to ensure that cable channels are tuned.
3. Select **[Cable Auto Scan]** to tune all available channels.

In the auto scan menu, you can configure the following options:

[Scan Type] - Select one of the available options:

[Full Scan] - Tunes channels on all available frequencies. The tuning process may take some time.

[Quick Scan] - Tunes channels more quickly using predefined settings used by most cable operators.

[Network Scan] - Tunes channels based on the frequency and network ID provided by your cable operator. If [Frequency(MHz)] is set to [Auto], the TV scans predefined operator frequencies until a homing channel is found. It then quickly tunes the remaining channels using information obtained from the homing channel.

[Frequency(MHz)] - Frequency settings. Available only when [Quick Scan] or [Network Scan] is selected.

[Auto] - If your cable operator has not provided a network frequency, keep this option selected.

[Manual] - If your cable operator has provided a specific network frequency, select this option to enter it manually.

[Network ID] - Network ID settings. Available only when [Quick Scan] or [Network Scan] is selected.

[Auto] - If your cable operator has not provided a network ID, keep this option selected.

[Manual] - If your cable operator has provided a network ID, select this option to enter it manually.

When all settings are complete, select **[Start]** to start tuning.

4. Select **[Cable Update Scan]** to remove inactive channels and search for newly available channels.
5. Select **[Cable Manual Scan]** to tune only a single frequency band.

Before tuning channels, you can change the following settings in this menu:

[LCN] - Toggles Logical Channel Numbering (LCN) on or off. When LCN is enabled, digital TV channels are sorted according to the provider's preferences. Please note that enabling LCN may limit your ability to rearrange channel positions or change channel numbering.

[Auto Service Update] - When enabled, the TV searches for new channels and removes channels that are no longer found while the TV is in standby mode overnight.

Tuning satellite channels

To start channel scanning via satellite, follow the steps below:

1. Press the **⊕** (Quick Settings) button, then select **[All settings]** > **[Channels and inputs]** > **[Channels]** > **[Channel Scan]**.
2. Select **[Tuner Mode]** and choose [Satellite] to ensure that satellite channels are tuned.
3. Select **[Satellite Auto Scan]**.
4. Select your satellite operator from the list of operators. If you want to tune a general satellite, such as ASTRA 19.2E, select [Others].
5. If you selected your operator and your CAM is inserted in the TV, all channels will be tuned automatically.
6. If you selected [Others], a list of satellites and transponders will be displayed.

The left column shows the list of satellites. Select the satellite you want to tune. The selected satellite is marked with a tick.

The middle column shows the list of transponders for the satellite selected in the left column. You can select one or more transponders to tune. Selected transponders are marked with a tick.

To tune the whole satellite, select only the satellite and do not select any transponders. To tune only specific transponders, do not select the satellite; select only the transponders you want to tune.

In the right column, you can configure detailed settings to match your satellite system, such as Unicable, DiSEqC and other related options.

When you have finished adjusting the settings, press the BLUE button on the remote control to start tuning channels.

Control options on the [Satellite Tune] screen:

RED button - Deletes the selected satellite or transponder.

GREEN button - Edits the selected satellite or transponder.

YELLOW button - Adds a new satellite or transponder.

BLUE button - Starts tuning channels on the selected satellite or transponder.

Before tuning channels, you can change the following settings in the [Channel Scan] menu:

[LCN] - Toggles Logical Channel Numbering (LCN) on or off. When LCN is enabled, digital TV channels are sorted according to the provider's preferences. Please note that enabling LCN may limit your ability to rearrange channel positions or change channel numbering.

[Auto Service Update] - When enabled, the TV searches for new channels and removes channels that are no longer found while the TV is in standby mode overnight.

Live TV classic

Introduction

The Live TV experience may vary depending on the country selected during the initial installation. Your TV includes two possible Live TV applications: **Live TV** and **Live TV***. Only one of these apps is made available on the TV, based on the selected country.

The instructions in this section apply to the standard Live TV app, which is used in most countries.

Channel list

The channel list gives you quick access to all available TV channels in one convenient location. Follow these instructions to access and manage your channel list:

1. Press the **⏠** (Home) button on your remote control to open the Home screen.
2. Select **[Live TV]** from the list of apps on the Home screen.
3. Make sure you are on a digital TV input (antenna, cable or satellite).
4. Press the **OK** button to open the menu, then select **[Channel List]**.
5. Use the arrow buttons on the remote control to browse the list of available channels.
6. Press the **OK** button to select a channel and start watching.

Note:

Simpler method to open Live TV channels:

- Press the **LIVE TV** button on your remote control.

Simpler method to open the channel list:

- While watching a TV channel, press and hold the **OK** button on your remote control.

Note:

While the channel list is open, you can:

- Press the **GREEN** button to filter channels by type, such as TV, radio or free channels.
- Press the **BLUE** button to search for a channel by name. Enter the full or partial channel name using the on-screen keyboard.
- Use the left side of the channel list to view all available channel lists and favourites lists. You can switch to a different channel list from this menu.

Editing the channel list

Moving a channel in the channel list

Moving channels within the channel list can be useful for organising your favourite channels or placing them in a more convenient order. To move a channel in the channel list, follow these steps:

1. While watching TV, press the **OK** button, then press the down arrow button to display **[TV options]**.
2. Use the arrow buttons to scroll through the options list and select **[Settings] > [All settings] > [Channels and inputs] > [Channels] > [Channel Organizer]**.
3. Select any channel and press **OK**.
4. From the newly displayed menu, select **[Move]**.
5. Select the channel you want to move, then press **OK**.
6. Use the arrow buttons to move the cursor to the position where you want to move the selected channel.
7. Press the **BLUE** button.

8. Press **OK** to confirm the action.

9. The selected channel is moved to the cursor position.

Moving multiple channels simultaneously

1. While watching TV, press the **OK** button, then press the down arrow button to display **[TV options]**.
2. Use the arrow buttons to scroll through the options list and select **[Settings] > [All settings] > [Channels and inputs] > [Channels] > [Channel Organizer]**.
3. Select any channel and press **OK**.
4. From the newly displayed menu, select **[Insert]**.
5. Select all channels you want to move by pressing **OK**. Selected channels are marked with a tick.
6. Move the cursor to the position where you want to move all selected channels, then press the **BLUE** button.
7. Press **OK** to confirm the action.
8. All selected channels are grouped and moved to the cursor position.

Swapping channel positions in the channel list

You can also swap the positions of two channels:

1. While watching TV, press the **OK** button, then press the down arrow button to display **[TV options]**.
 2. Use the arrow buttons to scroll through the options list and select **[Settings] > [All settings] > [Channels and inputs] > [Channels] > [Channel Organizer]**.
 3. Select any channel and press **OK**.
 4. From the newly displayed menu, select **[Swap]**.
 5. Select the first channel you want to swap and press **OK**.
 6. Move the cursor to the second channel to be swapped, then press the **BLUE** button.
 7. Press **OK** to confirm the action.
 8. The positions of the two channels are swapped.
- Some channels may not be movable, depending on your TV provider's settings.

Hiding channels

You can hide channels from the channel list so that they are not displayed and are skipped when using the **CH+/CH-** buttons. To hide channels, follow the steps below:

1. While watching TV, press the **OK** button, then press the down arrow button to display **[TV options]**.
 2. Use the arrow buttons to scroll through the options list and select **[Settings] > [All settings] > [Channels and inputs] > [Channels] > [Channel Organizer]**.
 3. Select the channel you want to hide and press **OK**.
 4. From the newly displayed menu, select **[Hide]**.
- Hidden channels are marked with a crossed-eye icon. To unhide a channel, follow the same steps, but in step 4 select **[Unhide]**.

Deleting channels

To delete specific channels from the channel list, follow the steps below:

1. While watching TV, press the **OK** button, then press the down arrow button to display **[TV options]**.
2. Use the arrow buttons to scroll through the options list and select **[Settings] > [All settings] >**

[Channels and inputs] > [Channels] > [Channel Organizer].

3. Select any channel and press **OK**.
4. From the newly displayed menu, select **[Delete]**.
5. Select all channels you want to delete by pressing **OK**.
Selected channels are marked with a tick.
6. Press the **BLUE** button.
7. Press **OK** to confirm the action.
8. The selected channels are deleted from the list.

Renaming a channel

1. While watching TV, press the **OK** button, then press the down arrow button to display **[TV options]**.
2. Use the arrow buttons to scroll through the options list and select **[Settings] > [All settings] > [Channels and inputs] > [Channels] > [Channel Organizer]**.
3. Select the channel you want to rename and press **OK**.
4. From the newly displayed menu, select **[Edit]**.
5. Use the on-screen keyboard to assign a new name to the selected channel.

Deleting the entire channel list

1. While watching TV, press the **OK** button, then press the down arrow button to display **[TV options]**.
2. Use the arrow buttons to scroll through the options list and select **[Settings] > [All settings] > [Channels and inputs] > [Channels] > [Channel Organizer]**.
3. Select any channel and press **OK**.
4. From the newly displayed menu, select **[Clear all]**.

Favourites list

The favourites lists on your TV give you quick access to your most-watched TV channels. Four favourites lists are available. Follow these instructions to access and manage your favourites lists:

Adding channels to your favourites list

1. Make sure you are on a digital TV input (antenna, cable or satellite).
 2. Press the **OK** button to open the menu, then select **[Channel List]**.
 3. Move the cursor to the channel you want to add to your favourites.
 4. Press the **right arrow** button.
 5. In the newly displayed menu, select one or more favourites lists to which you want to add the channel.
- To add more channels to your favourites, repeat steps 3-5.

Note:

Channels that are included in at least one favourites list are marked with a red heart symbol in the channel list.

Using the favourites list

By default, when you open the channel list while watching live TV, the standard channel list is displayed. If you want a favourites list to be displayed instead, follow these steps:

1. Make sure you are on a digital TV input (antenna, cable or satellite).
2. Press the **OK** button to open the menu, then select **[Channel List]**.
3. Press the **left arrow** button.

4. Scroll down in the menu on the left and select one of the favourites lists.
5. Press the **right arrow** button and select a channel from your favourites.

Removing channels from your favourites list

1. Make sure you are on a digital TV input (antenna, cable or satellite).
2. Press the **OK** button to open the menu, then select **[Channel List]**.
3. Move the cursor to the channel you want to remove from your favourites.
4. Press the **right arrow** button.
5. In the newly displayed menu, deselect one or more favourites lists from which you want to remove the channel.

To remove additional channels from your favourites, repeat steps 3-5.

Live TV menu

While watching live TV, press the **OK** button to display the Channels menu, then press the **down arrow** button. This menu allows you to quickly adjust picture and sound settings and access additional options. The following menus are available:

[Input Source] - Opens the list of inputs.

[Picture] - Opens settings related to the TV picture, such as brightness, contrast and picture mode.

[Screen] - Opens settings for the picture aspect ratio.

[Sound] - Opens sound settings, such as sound style, bass and treble.

[Parental Controls] - Opens parental control settings. To enter this menu, you must enter the PIN created during the initial TV setup.

[Channel Options] - Opens settings related to live TV, such as preferred audio and subtitle languages, audio description settings and HbbTV settings.

[Settings] - Opens the Quick Settings menu.

Note:

- Detailed information about these menus is available in the following chapters of this guide.

When the TV menu is displayed on the screen, press the **up arrow** button to access the Channels menu:

[Programme Guide] - Opens the Electronic Programme Guide (EPG), which displays information about current and upcoming programmes.

[Channel List] - Opens the channel list.

[Channel Scan] - Opens the Channels menu, where you can tune channels and adjust tuning-related settings.

Live TV*

Introduction

The Live TV experience may vary depending on the country selected during the initial installation. Your TV includes two possible Live TV applications: **Live TV** and **Live TV***. Only one of these apps is made available on the TV, based on the selected country.

The instructions in this section apply to the **Live TV*** app, which is used in certain countries.

If your Live TV app has the logo shown below, you have **Live TV*** installed.



Channel list

The channel list gives you quick access to all available TV channels in one convenient location. Follow these instructions to access and manage your channel list:

1. Press the **⬆** (Home) button on your remote control to open the Home screen.
2. Select [Live TV] from the list of apps on the Home screen.
3. Make sure you are on a digital TV input (antenna, cable or satellite).
4. Press the **OK** button to open the channel list.
5. Use the arrow buttons on the remote control to browse the list of available channels.
6. Press the **OK** button to select a channel and start watching.

Hint:

Simpler method to open Live TV channels:

- Press the **LIVE TV** button on your remote control.

Switching between channel lists

You may have several channel lists available, such as antenna, cable, satellite, streaming or favourites lists. You can switch to a different list using the following method:

1. While watching live TV, press the **OK** button to open the channel list.
2. Press the **left arrow** button to display the available channel lists and favourites lists.
3. Select the channel list you want to switch to, then press **OK**.
4. Select a channel from the new list and press **OK**. This step is necessary so that the new channel list is set as the default.
5. Each time you press the **OK** button, the selected channel list will open by default.

Note:

If you later want the **OK** button to open a different favourites list or channel list, repeat the steps above and select the required channel list or favourites list in step 3.

Editing the channel list

You can edit the active channel list to make it more personalised, for example by moving frequently watched channels to the top of the list, or by selecting unwanted channels to be skipped or deleted.

Opening the channel editing menu

All channel editing is performed in the [Channel edit] menu. To open it, follow these steps:

1. Make sure you are on a digital TV input (antenna, cable or satellite).
2. Make sure the channel list you want to edit is currently active. For instructions on switching between channel lists, see the previous chapter.
3. Press **OK** to open the channel list.
4. Select any channel, then press and hold **OK** until a new menu appears.
5. Select **[Edit channel]**.

Skipping channels

When you press the **CH+/CH-** buttons, the TV switches to the next or previous channel in the list. To skip channels that you do not want to appear when using the **CH+/CH-** buttons, follow the steps below:

1. In the **[Channel edit]** menu, select **[Skip Channel]**.
2. A list of channels is displayed on the right side of the screen. Select the channels you want to skip by pressing **OK**.
3. Selected channels are marked with a tick.
4. Press the **⬅** (Back) button to return to the previous menu.

The selected channels will now be skipped when you use the **CH+/CH-** buttons.

Swapping channel positions in the channel list

You can swap the positions of two channels:

1. In the **[Channel edit]** menu, select **[Swap Channel]**.
2. A list of channels is displayed on the right side of the screen. Select the two channels whose positions you want to swap.

Note:

To change channel positions, LCN must be disabled. To disable LCN, press the **⚙** (Quick Settings) button, then select **[All settings] > [Channels and inputs] > [Channels] > [Channel Scan] > [LCN]**.

Moving channels to a new position

1. In the **[Channel edit]** menu, select **[Move Channel]**.
2. A list of channels is displayed on the right side of the screen. Select one or more channels you want to move.
3. Selected channels are marked with a tick.
4. Move the cursor to the position where you want to move the selected channels.
5. Press and hold the **OK** button.
6. All selected channels are grouped and moved to the cursor position.

Note:

To change channel positions, LCN must be disabled. To disable LCN, press the **⚙** (Quick Settings) button, then select **[All settings] > [Channels and inputs] > [Channels] > [Channel Scan] > [LCN]**.

Deleting channels

1. In the **[Channel edit]** menu, select **[Delete Channel]**.

2. A list of channels is displayed on the right side of the screen. Select the channel you want to delete and press **OK**.
3. Confirm the deletion in the newly displayed menu. The channel will be deleted.

Deleting the entire channel list

1. In the **[Channel edit]** menu, select **[Clear all channels]**.
2. Selecting this option will delete all channels from the entire channel list.

Favourites list

The favourites lists on your TV give you quick access to your most-watched TV channels. Follow these instructions to access and manage your favourites lists:

Adding channels to your favourites list

1. While watching live TV, press the **OK** button to open the channel list.
2. Move the cursor to the channel you want to add to your favourites.
3. Press the **right arrow** button and select **[Add to favorites]**.
4. In the newly displayed menu, select one or more favourites lists to which you want to add the channel.
5. Press the **⬅** (Back) button to return to the channel list. To add more channels to your favourites, repeat steps 2-5.

Note:

You can add both DVB-T and DVB-S channels to the favourites list.

Using the favourites list

To access the favourites list, follow these steps:

1. Press the **⚙** (EPG) button on the remote control to display the EPG.
2. Press the **up arrow** button repeatedly until the top menu appears.
3. Select **[Library]** at the top of the screen to display the channels available in the selected favourites list.
4. Scroll vertically to access the favourites lists and horizontally to select the desired channel.

Setting a favourites list as the default channel list

By default, when you press **OK** while watching live TV, the standard channel list is displayed. If you want a favourites list to be displayed instead, follow these steps:

1. While watching live TV, press the **OK** button to open the channel list.
2. Press the **left arrow** button to display the available channel lists and favourites lists.
3. Select the favourites list you want to use, then press **OK**.
4. Select a channel from the new list and press **OK**. This step is necessary to set the selected favourites list as the default list.
5. Each time you press the **OK** button, the selected favourites list will now open by default.

Note:

If you later want the **OK** button to open a different favourites list or channel list, repeat the steps above and select the required channel list or favourites list in step 3.

Removing channels from the favourites list

1. While watching live TV, press the **OK** button to open the channel list.
2. Move the cursor to the channel you want to remove from your favourites.
3. Press the **right arrow** button and select **[Edit favorites]**.
4. In the newly displayed menu, deselect one or more favourites lists from which you want to remove the channel.
5. Press the **⬅** (Back) button to return to the channel list. To remove more channels from your favourites, repeat steps 2-5.

Live TV menu

To open the live TV menu with settings specific to live broadcasts, press the **⚙** (EPG) button, then press the **up arrow** button repeatedly until the top menu appears. The following options are available:

[Discover] - Displays recommended content, channels and programmes, depending on the available services and your viewing preferences.

[Broadcast] - Opens the live TV broadcast section, including the Electronic Programme Guide (EPG), where available.

[Public Channels] - Displays available public, free or streaming TV channels, grouped by category where supported.

[Library] - Provides quick access to saved favourite channels, watchlists and recently viewed content, where available.

[Search] - Allows you to use the on-screen keyboard to search for channels or events.

⚙ [Settings] - Opens the full settings menu for live TV. While the cogwheel icon is selected, press the **down arrow** button. The following options are available:

[Setup] - Opens setup options for live TV.

[Channel scan] - Opens the channel scan menu.

[Channel edit] - Opens the menu for editing the channel list.

[No Signal Power Off] - Allows you to set whether the TV switches off automatically when no signal is detected.

[Picture] - Opens the picture menu.

[Aspect Ratio] - Allows you to change the aspect ratio for live TV channels.

[Sound] - Opens the sound menu.

[Parental control] - Opens parental control settings.

[Parental control] - Enables or disables parental control. When enabled, you must enter the PIN to watch restricted content.

[Channel Block] - Blocks selected TV channels.

[Rating System] - Allows you to select the rating system used in your country.

[Rating Lock] - Allows you to set programme restrictions based on the rating of the broadcast content.

[Audio] - Opens audio settings for live TV.

[Audio type] - Allows you to select normal audio or [Audio description], which adds narration for visually impaired users. Availability depends on the broadcast content.

[First language] - Selects the preferred audio language.

[Second language] - Selects the secondary audio language, used when audio in the primary language is not available.

[Subtitles] - Opens subtitle settings.

[Digital Subtitle] - Turns digital subtitles on or off. Availability depends on the broadcast content.

[First language] - Selects the preferred subtitle language.

[Second language] - Selects the secondary subtitle language, used when subtitles in the primary language are not available.

[Teletext] - Opens Teletext settings.

[Digital language] - Selects the preferred language for digital text services, where available.

[Decoding page] - Selects the character set for Teletext. Change this option if characters or accents are not displayed correctly.

[HBBTV settings] - Opens HbbTV settings.

[HBBTV support] - Enables or disables HbbTV services. When enabled, supported broadcast channels can provide interactive services via the Internet, such as red-button services, catch-up TV, additional programme information or broadcaster apps. Availability depends on the broadcaster, country and Internet connection.

[Do Not Track] - Sets your tracking preference for HbbTV services. When enabled, the TV tells HbbTV apps and services that you do not want your behaviour to be tracked. Please note that whether this request is honoured depends on the HbbTV service provider.

[Cam info] - Displays information and settings for your CAM module.

[System information] - Displays detailed information about the current channel, including signal strength and signal quality.

[Open source licenses] - Allows you to review the open source licences used by this Live TV app.

Using the TV with other devices

Playing content stored on a USB device

Connect a USB storage device to the USB port of the TV to enjoy photos, music and video files stored on the device.

Connect the USB device to your TV. If the USB device has its own power supply, switch it on.

1. Press the  (Home) button and select [Media Player] from the Apps row.
2. Browse the list of folders and files, then select the desired file.
3. Press **OK** to start playback.

Note:

- Depending on the image dimensions, file size and number of files in a folder, some photos or folders may take some time to display.
- Displaying the contents of the USB device may take some time, depending on the content.
- While the USB device is being accessed, do not disconnect the power from the TV or the USB device, and do not remove the USB device, as data may be corrupted.
- Depending on the file, playback may not be possible.
- Some photos and videos may be enlarged, resulting in lower picture quality. Depending on the size and aspect ratio, images may not be displayed in full screen.
- It may take a long time to display a photo, depending on the file or settings.
- If [Media Player] cannot be found in the favourite apps, you can add it from the Apps list.
- The USB ports on the TV support FAT32 and NTFS file systems.
- If your digital still camera does not work with your TV, try setting the USB connection mode on your camera to Mass Storage.

Google Cast

The Google Cast feature on your TV allows you to easily stream content from your phone, tablet or computer to your TV. Follow these instructions to use Google Cast on your Google TV:

1. Make sure that your TV and the device you want to cast from are connected to the same Wi-Fi network.
2. On your device, open the app you want to cast from, such as YouTube.
3. Look for the  (Cast) icon in the app. It looks like a rectangle with a Wi-Fi signal in the corner.
4. Tap the  (Cast) icon and select your TV from the list of available devices.
5. The content will start playing on your TV.

To stop casting, tap the  (Cast) icon again and select [Stop casting].

In addition to casting from individual apps, you can also mirror your device screen on the TV. Follow these steps to use screen mirroring:

1. On your device, open the Settings app and go to the [Screen mirroring] or [Cast screen] option.
2. Select your TV from the list of available devices.
3. Your device screen will now be mirrored on your TV.

To stop screen mirroring, go back to the [Screen mirroring] or [Cast screen] option on your device and select [Stop mirroring].

Note:

- Some apps may not support casting or screen mirroring.
- The quality of the stream may be affected by the strength of your Wi-Fi connection.
- If you have trouble using Google Cast on your Google TV, make sure that both devices are connected to the same network and that you are following the correct steps.

Google Assistant

Google Assistant is a powerful feature on your Google TV that allows you to control your TV using voice commands. Here are some examples of how you can use Google Assistant on your Google TV:

1. To start using Google Assistant, press and hold the  (Microphone) button on your remote control.
2. Speak into the microphone.
3. You can use Google Assistant to search for content, open apps, adjust the volume and more. For example, you can say "Play an action movie" or "Open YouTube".
4. You can also use Google Assistant to control smart home devices that are compatible with your Google Account. For example, you can say "Turn off the lights" or "Set the thermostat to 21 degrees".
5. If you have multiple Google Accounts set up on your Google TV, you can switch between them by saying "Switch account", followed by your preferred account.

Google Assistant makes it easier and more convenient to control your TV and other smart devices in your home.

Note:

Google Assistant requires an Internet connection. Google Assistant is not available in certain languages and countries/regions.

Pairing the remote control with the TV

For Google Assistant to work with your voice remote control, the remote control must be paired with the TV.

The remote control is normally paired during the initial TV installation, and the microphone button should work automatically. However, if you have manually unpaired the remote control, or if pairing has been lost for any reason, follow the steps below to pair the remote control again:

1. Press the  (Home) button, then select **[Quick Settings]** and press **OK**.
2. The Quick Settings menu appears. Keep the cursor on the Settings icon and press the **OK** button again to open the Settings menu.
3. Select **[Remotes and accessories]**.
4. Ensure that **[Bluetooth]** is enabled in this menu.
5. Select **[Pair remote or accessory]**.
6. Follow the on-screen instructions to pair the remote control with the TV.
7. The name of your remote control will appear on the TV screen. Press **OK** to confirm the pairing.

Pairing your smartphone with the TV

You can also use your smartphone to control the TV via Google Assistant. Follow these steps to pair your smartphone with the TV:

1. Make sure that your smartphone and the TV are connected to the same network.
2. Open the **Google TV** app on your smartphone. If you do not have the app, you can search for and download it from Google Play or the App Store.
3. At the bottom right of your smartphone screen, tap **[Remote Control]**.
4. Select the device you want to connect to.
5. Enter the code displayed on your TV screen.
6. Tap **[Pair]**.

Control your TV with your voice

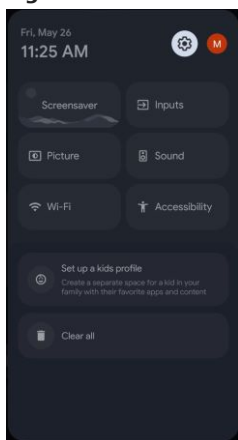
Once paired, you can use your smartphone as a remote control. Press the  (Microphone) icon and ask a question or search for content to watch.

Settings menu

Basic instructions for navigating the menus

- To access the main menu, press the **⊕** (Quick Settings) button on the remote control.
- To enter the selected menu, press the **OK** button.
- Use the arrow buttons (**▲▼◀▶**) to navigate within the menus.
- To confirm a setting, press the **OK** button.
- To go back one step in the menu, press the **⬅** (Back) button.
- To exit a menu at any time, press and hold the **⬅** (Back) button.

Quick Settings menu



To open the Quick Settings menu, press the **Ⓔ** (Home) button on the remote control to open the Home screen, then press the **⊕** (Quick Settings) button.

The Quick Settings menu provides convenient access to frequently used features:

[All settings] - Select the cogwheel icon in the top-right corner to open the full Settings menu.

[Profile] - Opens the profile menu. From here, you can switch accounts, add profiles or remove profiles.

[Screensaver] - Activates the preset screensaver.

[Inputs] - Opens the list of inputs. You can switch to another input from this list.

[Display] - Opens settings related to the TV picture, such as brightness, contrast and picture mode.

[Sound] - Opens sound settings, such as sound style, bass and treble.

[Wi-Fi] - Opens settings for wireless and wired network connections.

[Google Home] - Allows you to control compatible Google Home devices from your TV screen without using your phone. At least two compatible devices must be available in your Google Home environment.

[Bluetooth] - Opens the menu where you can enable or disable Bluetooth and pair new accessories.

[Sleep Timer] - Allows you to set a time after which the TV will automatically switch off.

[Accessibility] - Provides access to features for users with hearing or visual impairments.

[Notifications] - Displays notifications at the bottom of the Quick Settings menu.

Note:

- The available items in the Quick Settings menu depend on your TV settings and software version.
- The Quick Settings menu may contain more than one page. When an item in the right column is selected, press the **right arrow** button to display the next page of Quick Settings.

Channels

To open the Channels menu, press the **⊕** (Quick Settings) button and select **[All settings]** > **[Channels and inputs]** > **[Channels]**. Within this menu, you will find the following options:

[Country/Region] - Displays the country or region selected during the initial installation. This item is for information only and cannot be changed from this menu. To change the country or region, you must perform a factory reset.

[Tuner Mode] - Selects the tuner type used for channel tuning. The options available in the Channels menu depend on the selected tuner mode.

The following options are available depending on the item selected in [Tuner Mode]:

[Antenna] - Configuration options for tuning channels received through an antenna.

[Antenna Auto Scan] - Starts an automatic tuning process for digital antenna channels.

[Antenna Update Scan] - Removes inactive channels and searches for newly available channels.

[Antenna Manual Scan] - Allows manual tuning of a single multiplex, which is a group of digital channels transmitted on one frequency band.

[LCN] - Toggles Logical Channel Numbering (LCN) on or off. When LCN is enabled, digital TV channels are sorted according to the provider's preferences. Please note that enabling LCN may limit your ability to rearrange channel positions or change channel numbering.

[Auto Service Update] - When enabled, the TV searches for new channels and removes channels that are no longer found while the TV is in standby mode overnight.

[Cable] - Configuration options for tuning digital cable channels.

[Cable Auto Scan] - Starts an automatic tuning process for digital cable channels.

[Cable Manual Scan] - Allows manual tuning of a single frequency band.

[LCN] - Toggles Logical Channel Numbering (LCN) on or off. When LCN is enabled, digital TV channels are sorted according to the provider's preferences. Please note that enabling LCN may limit your ability to rearrange channel positions or change channel numbering.

[Auto Service Update] - When enabled, the TV searches for new channels and removes channels that are no longer found while the TV is in standby mode overnight.

[Satellite] - Configuration options for tuning digital satellite channels.

[Satellite Auto Scan] - Opens the settings for tuning satellite channels or transponders.

[LCN] - Toggles Logical Channel Numbering (LCN) on or off. When LCN is enabled, digital TV channels are sorted according to the provider's preferences. Please note that enabling LCN may limit your ability to rearrange channel positions or change channel numbering.

[Auto Service Update] - When enabled, the TV searches for new channels and removes channels that are no longer found while the TV is in standby mode overnight.

Inputs

To open the Inputs menu, press the **⊕** (Quick Settings) button and select **[All settings] > [Channels and inputs] > [External inputs]**. Within this menu, you will find the following options:

[Switch input] - Displays the list of inputs and allows you to switch to any available input.

When you select one of the available inputs:

[Show this input] - Select this option to display the selected input in the Input list. Deselect it if you do not want this input to be shown in the list.

[PIN lock] - Locks the selected input. When you try to switch to a locked input, you will be asked to enter the PIN.

[Edit names] - Allows you to choose from preset options to change the input name. If you select [Custom name], you can use the on-screen keyboard to enter a new name for this input.

[HDMI EDID version] - Available only for HDMI inputs. This option allows you to change the EDID version of the selected HDMI input. If there is no picture or sound from the connected HDMI device, try selecting a different EDID version.

The following settings are specific to HDMI inputs:

[Global CEC control] - Enables or disables the HDMI CEC function. This feature allows you to control HDMI-connected devices using the TV remote control.

[Allow TV to turn off connected devices] - When enabled, switching off the TV may also switch off connected devices that support HDMI CEC.

[Allow connected devices to turn on TV] - When enabled, switching on a connected HDMI CEC device may also switch on the TV.

Picture

To open the Picture menu, press the **⊕** (Quick Settings) button on the remote control and select **[All settings] > [Display and sound] > [Display & Picture]**. Within this menu, you will find the following options:

[Picture mode] - Choose from the following presets:

[Standard] - Recommended settings for general use.

[Dynamic] - Enhances picture saturation and sharpness.

[Movie] - Adjusts the picture for watching films, with more natural colours and reduced brightness.

[Sport] - Optimises picture quality for sports broadcasts.

[ECO] - Reduces screen brightness for lower power consumption.

[Game] - Optimised for gaming by reducing post-processing to minimise input lag.

[User] - Allows manual adjustment of picture settings.

[Brightness] - Increases or decreases the overall picture brightness.

[Contrast] - Adjusts the difference between the dark and bright areas of the picture.

[Sharpness] - Enhances or reduces picture sharpness.

[Saturation] - Adjusts the intensity of colours in the picture.

[Hue] - Adjusts the hue level of the picture. This option is available for NTSC signals only.

[Color Temperature] - Choose from the following presets:

[User] - Allows you to customise the colour temperature according to your preference.

[Warm] - Increases the red tones in the picture.

[Standard] - Uses the default colour temperature settings.

[Cool] - Increases the blue tones in the picture.

[Backlight] - Adjusts the overall screen brightness. When the light sensor is enabled, this value may change automatically depending on the brightness of the room.

[Advanced settings] - Opens additional picture settings. The options in this menu are described below.

[Reset to default] - Restores the picture settings to their default values.

[Advanced settings]

The following items are available in the [Advanced settings] menu:

[Light sensor] - When enabled, the TV uses its built-in light sensor to adjust screen brightness automatically according to the ambient light. In a darker room, the screen brightness is reduced. In a brighter room, the screen brightness is increased.

[Auto PC Mode] - When enabled, the TV automatically selects the optimal settings for a PC connected via HDMI. If the signal frequency is 60 Hz or below, the TV switches to standard PC mode. If the signal frequency is above 60 Hz, the TV switches to gaming mode.

[Gamma] - Adjusts the tones between the bright and dark parts of the picture.

[Extension Settings] - The following options are available:

[AI-PQ] - Enhances picture quality using AI processing.

[Quick Media Switching] - Reduces the brief black screen that may appear when an HDMI device switches between video content with different frame rates, for example when changing between films, programmes or apps. This function is available only with compatible HDMI devices and supported content. If you experience picture instability or compatibility issues with a connected HDMI device, disable this function.

[Game Option] - The following options are available:

[ALLM] - Automatically enables a low-latency mode when a compatible HDMI gaming device is detected, helping to reduce input lag.

[VRR] - Matches the TV refresh rate to the frame rate of a compatible HDMI device, helping to reduce screen tearing and stuttering during gameplay.

[Information] - Displays the frame rate on the screen.

[Shadow Detail] - Adjusts detail visibility in dark areas of the picture.

[Dynamic Black Equalize] - Enhances visibility in dark scenes without overexposing bright areas. It uses intelligent APL (Average Picture Level) processing to help maintain a balance between visibility and overall picture quality.

Note:

If you experience picture instability, flickering or compatibility issues with a connected HDMI device, try disabling **[VRR]** or **[ALLM]**.

[Color] - Opens advanced colour settings for adjusting picture quality.

[2 Points] - Expert settings for fine-tuning the colour accuracy of the picture.

[Color Space] - Allows you to switch between different colour space standards, which define the range of colours that the display can reproduce.

[3D LUT] - Advanced colour calibration setting used to improve colour accuracy. Intended mainly for professional calibration.

[Low Blue] - Reduces the amount of blue light emitted by the screen. Increasing this value may make the picture more comfortable to view in low-light conditions, but it may also change the colour appearance of the picture.

[Motion] - Opens settings related to motion processing and motion clarity.

[Real Cinema] - When enabled, this option disables motion compensation. This is recommended if you want to watch films at their original frame rate.

[Action Clarity] - Reduces ghosting and blur in fast-moving scenes by inserting additional frames between the original frames of the input content.

[Demo mode] - Displays a demonstration of the [De Judder] and [De Blur] motion compensation controls on the left or right side of the screen. The screen is divided into two parts, and the selected motion compensation settings are applied only to the selected side.

[Noise Reduction] - Filters and reduces picture noise.

[MPEG Noise Reduction] - Reduces block noise and mosquito noise caused by digital compression.

[Dynamic Contrast Control] - Automatically adjusts the luminance level of the picture signal to enhance contrast.

[Smooth Gradation] - Reduces colour banding that may appear in areas with subtle colour transitions.

[Local Contrast] - Enhances contrast in specific areas of the picture for improved visual impact.

[LD Level] - Adjusts the local dimming level by controlling the LED backlight zones. Higher settings can improve contrast, but may sometimes cause a halo effect around bright objects on dark backgrounds. When set to off, the entire backlight remains at one brightness level.

[Automatic playback optimization] - Dolby Vision feature that automatically selects the optimal picture mode according to Dolby Vision metadata, such as sports, film or news content. When this option is active, some picture modes may be greyed out because they are controlled by Dolby Vision metadata.

[Dolby Vision IQ User Calibration] - Dolby Vision IQ feature that allows certain picture quality parameters to be calibrated.

[Precision Detail] - Dolby Vision IQ feature that improves the visibility of details in darker and brighter parts of the scene.

Screen

To adjust the aspect ratio of the viewed content, press the **(H)** (Home) button to display the Home screen, then press the **(Q)** (Quick Settings) button on the remote control and select **[All settings] > [Display and sound] > [Screen]** from the menu that appears. Within the **[Screen]** menu, you will find the following options:

[Aspect Ratio] - Allows you to change the aspect ratio of the selected source. The source for which you are changing the aspect ratio is displayed in the background, and the source name is shown at the top of the menu. The following options are available:

[Auto] - Automatically selects the best picture format to display the image in the correct position. Black bars may appear at the top, bottom or sides of the screen.

[Full] - Displays the picture in full-screen mode. A 16:9 signal is displayed in its original proportions, while other picture formats are stretched to fill the screen.

[4:3] - Displays the picture in 4:3 format. A 16:9 picture is narrowed horizontally, with side bars on both sides of the screen. A 4:3 picture is displayed in its original proportions, with side bars filling the remaining space on a 16:9 screen.

[Direct] - Displays the picture in its original resolution at the centre of the screen. If the picture has a lower resolution than the TV screen, black bars will appear on all four sides.

Note:

- Please note that certain options may not be available for some inputs.

Sound

To open the Sound menu, press the **(Q)** (Quick Settings) button on the remote control and select **[All settings] > [Display and sound] > [Sound]**. Within this menu, you will find the following options:

[Sound style] - Choose from the following presets:

[Standard] - Optimises sound quality for general content.

[Movie] - Optimises surround sound for watching films.

[Music] - Optimises sound for listening to music.

[News] - Enhances voice clarity by reducing background sound.

[User] - Allows manual adjustment of certain sound-related settings:

[Volume Leveler] - Reduces volume differences between different types of content and inputs.

[Volume Leveler Amount] - Adjusts the strength of the [Volume Leveler] effect. A higher value reduces the difference between loud and quiet sounds.

[Intelligent Equalizer] - Automatically adjusts the equalizer settings to maintain a balanced sound.

[Speaker Virtualizer] - Creates a wider and more immersive sound field using the TV's built-in speakers.

[Balance] - Adjusts the balance between the left and right audio channels.

[Bass] - Adjusts low-frequency sounds for deeper or lighter bass.

[Treble] - Adjusts high-frequency sounds for clearer or softer sound.

[Advanced settings] - Opens additional sound settings. The options in this menu are described below.

[Dolby Atmos] - Enables immersive Dolby Atmos sound for supported content, creating a wider and more spacious audio experience.

[Surround Mode] - Opens surround sound settings. This option is available only when Dolby Atmos is switched off.

[Sound Only] - Switches off the screen while audio continues to play. This is useful when you only want to listen to audio and save energy. Press any button on the remote control to restore the picture.

[Dialogue Enhancer] - Enhances speech clarity by making dialogue more prominent over background sound.

[Reset to default] - Restores the sound settings to their default values.

Audio output

To open the Audio output menu, press the  (Quick Settings) button and select **[All settings]** > **[Display and sound]** > **[Audio output]**. Within this menu, you will find the following options:

[Output Device] - Selects where the sound is output:

[TV Speaker] - Sound is output through the TV speakers.

[SPDIF/Optical] - Switches off the TV speakers and outputs sound through the optical digital audio output. This option is recommended when the TV is connected to a sound system using an optical digital cable, as it can help prevent an echo effect.

[Audio Output Type] - Configures the digital audio output settings.

[PCM] - The audio stream is processed by the TV.

[Passthrough] - The audio stream is passed through to the device connected via the digital audio output, such as a soundbar or AV receiver.

[Auto] - Automatically selects the optimal audio output settings.

[Digital Audio Delay] - Adjusts the audio delay to synchronise picture and sound when using an audio system connected via the digital audio output.

[Digital Audio Volume] - Adjusts the volume of the audio system connected via the digital audio output.

[eARC] - Toggles HDMI eARC between Off and Auto. In Auto mode, the TV transmits audio signals via HDMI to a connected audio device, such as an AV receiver or soundbar. This feature is available only on the HDMI eARC port.

Network and Internet

To open the Network & Internet menu, press the  (Quick Settings) button and select **[All settings]** > **[Network and Internet]**. Within this menu, you will find the following options:

Wi-Fi settings

[Wi-Fi] - Enables or disables the Wi-Fi function.

[AVAILABLE NETWORKS] - Displays a list of available Wi-Fi networks nearby. Select a network to connect to it. If the TV has not been connected to the selected network before, the on-screen keyboard appears and you will need to enter the password.

[Internet connection] - Displays information about the Internet connection status.

[IP address] - Displays the IP address of the TV.

[Randomized MAC address] - Displays the MAC address used by the TV for this network.

[Signal Strength] - Indicates the strength of the Wi-Fi signal.

[Privacy] - Allows you to use a randomised MAC address for increased network privacy, or the standard MAC address of the device.

[Proxy settings] - Allows you to configure a proxy server. The HTTP proxy is used by the browser, but may not be used by other apps.

[IP settings] - Allows you to set the TV to obtain network settings automatically, if DHCP is enabled on the router, or to enter the IP configuration manually.

[Forget network] - Removes the stored password for the selected Wi-Fi network. User confirmation is required after selecting this option.

[See All] - Displays the complete list of available wireless networks.

[Quick connect] - Allows you to connect the TV to a Wi-Fi network using your Android phone. Follow the on-screen instructions to connect the TV to a Wi-Fi network saved on your phone.

[Add new network] - Allows you to manually add a Wi-Fi network. This is useful if you have set up a hidden wireless network on your router.

[Scanning always available] - Allows location-based apps and services to scan for nearby Wi-Fi networks, even when Wi-Fi is switched off.

Wired network settings

To connect the TV to a wired network, use an Ethernet LAN cable to connect the TV to your router. If DHCP is enabled on the router, the TV will automatically connect to the network.

[Proxy settings] - Allows you to configure a proxy server.

[IP settings] - Allows you to set the TV to obtain network settings automatically, if DHCP is enabled on the router, or to enter the IP configuration manually.

Accounts and profiles

To open the Accounts and profiles menu, press the  (Quick Settings) button and select **[All settings]** > **[Accounts and profiles]**. Within this menu, you will find the following options:

[GOOGLE TV ACCOUNTS] - This section lists all accounts connected to this TV. The following options are available when you select one of the available accounts:

[Profile lock] - Allows you to lock your profile to prevent other users from accessing or changing your personal account settings. When enabled, authentication is required to access your profile, change certain settings, switch inputs or make purchases.

[Your services] - Allows you to choose which apps and services can provide content recommendations on the Home screen when you are signed in to your Google Account.

[Content preferences] - Displays movies and shows that you can rate. If you have not watched the displayed title, you can choose to skip it. Your ratings are used to tailor recommendations on the Home screen to better match your preferences.

[Autoplay video] - Automatically plays video trailers for shows and movies.

[Hidden purchases and rentals] - Allows you to hide specific movies or shows from your library. Press and hold the **OK** button while the title is selected, then choose [Hide]. In this menu, you can view all hidden titles.

[Report history] - Allows you to report inappropriate content on the Home screen. Reported content is removed from your recommendations. You can view a list of reported items here. If you reported content by mistake, you can restore it to your recommendations from this menu.

[Payment and purchases] - Allows you to set up an authorisation method for purchases from Google Play to help prevent unauthorised purchases, including in-app purchases from this account.

[Voice assistant] - Opens settings for voice control via Google Assistant for this account.

[Voice control] - Enables or disables voice control.

[View permissions] - Displays Google Assistant permissions.

[Personal results] - Allows Google Assistant to read or show results specific to you.

[Searchable apps] - Allows you to choose which apps can show content in search results. When an app is not searchable, content from that app will not appear in your search results.

[SafeSearch filter] - SafeSearch can help block inappropriate or explicit images from your Google Search results. The SafeSearch filter is not 100% accurate, but it helps you avoid most adult content. This setting is shared with all accounts on this TV.

[Google Home] - Allows you to control compatible Google Home devices from your TV screen without using your phone. At least two compatible devices must be available in your Google Home environment.

[Apps only mode] - When enabled, this mode hides Google recommendations from the Home screen, along with the ability to give feedback on movies or shows, or add them to your watchlist. You can still access all apps installed on the device.

[Remove profile] - Removes the currently selected account. All data related to this account will be deleted from the TV, including associated child accounts.

[Add an account] - Adds a new account. You will go through the setup steps to add the account and configure permissions, privacy and personalisation.

[Add a child] - Allows you to create a child account linked to your own account. Parental controls and screen time limits can be set up for this account.

Privacy

To open the Privacy menu, press the  (Quick Settings) button and select **[All settings] > [Privacy]**. Within this menu, you will find the following options:

[Location] - Opens settings for location services. In this menu, you can also view a list of apps that have recently requested location access.

[Location status] - Allows Wi-Fi to be used to estimate the location of this TV.

[Scanning always available] - Allows location services to scan for Wi-Fi networks even when the TV's Wi-Fi is switched off.

[Microphone] - Allows apps and services with permission to access the microphone. In this menu, you can also view the list of apps and services that currently have access to the microphone.

[Camera] - Allows apps and services with permission to access the camera. In this menu, you can also view the list of apps and services that currently have access to the camera.

[Usage & diagnostics] - Allows the TV to send diagnostic information and usage data to Google.

[Ads] - Opens advertisement settings. You can reset your advertising ID to reset personalised ads. You can also opt out of personalised ads, which may result in receiving less relevant ads.

[Voice assistant] - Opens settings for voice control via Google Assistant for this account.

[Voice control] - Enables or disables voice control.

[View permissions] - Displays Google Assistant permissions.

[Personal results] - Allows Google Assistant to read or show results specific to you.

[Searchable apps] - Allows you to choose which apps can show content in search results. When an app is not searchable, content from that app will not appear in your search results.

[SafeSearch filter] - SafeSearch can help block inappropriate or explicit images from your Google Search results. The SafeSearch filter is not 100% accurate, but it helps you avoid most adult content. This setting is shared with all accounts on this TV.

[Payment & Purchases] - Allows you to set up an authorisation method for purchases from Google Play to help prevent unauthorised purchases, including in-app purchases from this account.

[Manage updates] - Opens settings for app updates. You can enable automatic app updates. If automatic updates are disabled, you can view the list of available updates for your apps.

[App permissions] - Allows you to view and adjust app permissions, categorised by TV function, for each app.

[Special app access] - Opens additional special permissions for apps, such as displaying apps over other apps, access to notifications or access to certain directories.

[Security] - Opens options that help protect the TV from harmful apps.

Apps

To open the Apps menu, press the  (Quick Settings) button and select **[All settings] > [Apps]**. Within this menu, you will find the following options:

When you select an app from the list, the following options are available:

[Open] - Launches the app.

[Force stop] - Stops the app from running. This may help free up system resources or resolve temporary app issues.

[Uninstall] - Removes the app from the TV. Please note that some core or preinstalled apps cannot be uninstalled.

[Uninstall updates] - Reverts the app to its factory-default version.

[Disable] - Disables a preinstalled system app. The app will stop running and its data will be cleared, but the app itself will not be completely removed from the TV.

[Storage used] - Displays information about the storage space used by the app.

[Clear data] - Resets the app to its initial state and deletes all user data linked to the app.

[Clear cache] - Removes temporary files stored by the app. This may help resolve issues such as slow performance or app glitches.

[Clear defaults] - Resets any default actions previously assigned to the app. For example, if you have set a specific browser app as the default app for opening links, clearing defaults will allow you to choose an app again the next time you open a link.

[Notifications] - Enables or disables notifications from the app.

[Permissions] - Allows you to view and change permissions for the app.

Note:

Some options listed above may not be available for all apps.

Additional options in the Apps menu include:

[Add more apps] - Opens the area on the Home screen where you can search for and manage apps.

[Manage updates] - Opens settings for app updates. You can enable automatic app updates. If automatic updates are disabled, you can view the list of available updates for your apps.

[App permissions] - Allows you to view and adjust app permissions, categorised by TV function, for each app.

[Special app access] - Opens additional special permissions for apps, such as displaying apps over other apps, access to notifications or access to certain directories.

[Security] - Opens options that help protect the TV from harmful apps.

System

To open the System menu, press the  (Quick Settings) button and select **[All settings] > [System]**. Within this menu, you will find the following options:

[Ambient screensaver] - Opens settings for the screensaver. You can also activate the screensaver from this menu.

[Power and energy] - Opens settings related to power consumption and standby behaviour.

[Energy modes] - Determines which features are available while the TV is in standby mode.

[Low] - The network connection is switched off while the TV is in standby mode.

[Optimised] - Enables features that allow the TV to wake up over the network, such as casting content over Wi-Fi or waking the TV using Google Assistant.

This mode increases power consumption in standby mode.

[Increased] - Enables features that allow the TV to wake up over the network, and also enables Google Home platform control and automation.

[Shut-off timer] - Allows you to set a time after which the TV will automatically switch off if there is no user activity.

[When inactive] - Controls how long the TV will remain switched on without any buttons being pressed on the TV or remote control before entering standby mode when content is not playing or the Home screen is displayed.

[When watching] - Controls how long the TV will remain switched on without any buttons being pressed on the TV or remote control before entering standby mode when you are watching TV or media content.

[Power on behavior] - Determines what appears on the screen when the TV is switched on. You can choose between the Home screen and the last used input.

[No signal sleep timer] - Controls how long the TV will remain switched on when the selected input does not receive a signal.

[About] - Provides information about the TV and its software. In this menu, you can check for software updates, change the TV name or restore the TV to its factory default settings.

[Date and time] - Opens settings for the system date and time.

[Automatic date & time] - When enabled, the TV synchronises its time with the incoming digital TV signal. If the TV is connected to the Internet, the clock may also be updated online. When disabled, you can set the date and time manually.

[Set date] - Displays the current date. If automatic date and time are disabled, you can adjust the date manually.

[Set time] - Displays the current time. If automatic date and time are disabled, you can adjust the time manually.

[Set time zone] - Allows you to select your time zone.

[Use 24-hour format] - Allows you to choose between 12-hour and 24-hour time format.

Note:

- Make sure that the correct date and time are set. Some apps may not work properly if the date or time is incorrect.

[Language] - Selects the menu language. The selected menu language will also be used for voice recognition.

[Keyboard] - Configures the on-screen keyboard.

[Storage] - Provides information about data storage on the TV.

[Cast] - Opens settings related to who can control media while casting to the TV.

[Google] - Opens additional settings for the TV operating system. In this menu, you can enable or disable automatic updates for system services.

[System sounds] - Enables or disables sounds in the system menu.

[Television] - Opens additional TV-related settings:

[Sleep Timer] - Allows you to set a time after which the TV will automatically switch off.

[Settings] - Allows you to read the privacy notice and select which services you want to use. Disabling some services may reduce the TV experience or disable certain smart features.

[Terms and Conditions] - Allows you to review the terms and conditions.

[System running time] - Displays the total time for which the TV has been used.

[Restart] - Restarts the TV. Restarting the TV may help resolve some temporary issues.

Accessibility

Accessibility settings are designed to make the TV easier to use for people with disabilities. These settings assist users with visual or hearing impairments by adapting the TV interface and content.

To open the Accessibility menu, press the **⊕** (Quick Settings) button and select **[All settings] >**

[Accessibility]. Within this menu, you will find the following options:

[TalkBack (screen reader)] - A screen reader that assists visually impaired users by reading aloud on-screen text, menu items and other interface elements. It can also be activated using the accessibility shortcut.

[Text to speech] - Opens settings for the TalkBack screen reader.

[Text scaling] - Adjusts the size of text in the TV menu.

[Bold text] - Makes menu text bold for easier readability.

[Colour correction] - An accessibility option for users with colour vision deficiency. This setting allows you to adjust how colours are displayed. Available modes include:

[Deuteranomaly] - Green-red colour correction.

[Protanomaly] - Red-green colour correction.

[Tritanomaly] - Blue-yellow colour correction.

[Greyscale] - Displays colours in shades of grey.

[Accessibility shortcut] - Provides a quick way to enable a selected accessibility feature.

When the shortcut is active, press and hold the **⏮** (Back) and **down arrow** buttons for 3 seconds to start the selected accessibility feature. You can choose the shortcut function under [Shortcut service]. The default option is TalkBack.

[Time to take action (accessibility timeout)] - Allows you to choose how long temporary messages that require action remain visible on the screen.

[Key repeat delay] - Adjusts the delay before a held key starts repeating.

[Switch Access] - Allows you to control the TV using one or more external switches instead of the remote control. Items on the screen are scanned and highlighted sequentially until a selection is made.

[Audio description] - Adds a narration track that describes visual elements of the programme, helping visually impaired users. Available only with supported digital TV content.

[Captions] - Displays text on the screen representing spoken dialogue and sound effects. This is useful for users who are deaf or hard of hearing. Options include:

[Display] - Turns captions on or off.

[Language] - Selects the preferred caption language.

[Text size] - Adjusts the size of the displayed text.

[White on black] / [Black on white] - Allows you to choose the caption text and background colour combination.

[High-contrast text] - Enhances text contrast on screen for improved readability.

Remotes and accessories

To open the Remotes and accessories menu, press the **⊕** (Quick Settings) button and select **[All settings] > [Remotes and accessories]**.

The Remotes and accessories menu allows you to pair Bluetooth devices with your TV.

[Bluetooth] - Enables or disables Bluetooth on the TV. To pair or use Bluetooth devices with the TV, this option must be enabled.

[Pair remote or accessory] - Searches for nearby Bluetooth devices that are in pairing mode.

List of paired devices - Select a device from the list to view additional options, such as renaming the device or unpairing it from the TV.

[Set up customizable button] - If your remote control has a customisable button, marked with a star symbol, you can assign its function here.

Pairing your Bluetooth remote control with voice control

1. Press the **⊕** (Quick Settings) button, then select **[All settings] > [Remotes and accessories]**.
2. Make sure that **[Bluetooth]** is enabled.
3. Select **[Pair remote or accessory]**.
4. Follow the on-screen instructions to pair the remote control with the TV.
5. The name of your remote control will appear on the TV screen. Press **OK** to confirm the pairing.

Pairing other Bluetooth devices

1. Press the **⊕** (Quick Settings) button, then select **[All settings] > [Remotes and accessories]**.
2. Make sure that **[Bluetooth]** is enabled.
3. Select **[Pair remote or accessory]**.
4. Activate pairing mode on your Bluetooth device. For details, refer to the instruction manual of your device.
5. The name of your device will appear on the TV screen. Use the remote control to select it, then press **OK** to confirm.

Configuring the TV

Creating and switching accounts

Having multiple accounts on Google TV offers several benefits, especially in households where several users with different preferences and needs share the same TV. Each account can have its own viewing history, watchlist and recommendations on the Home screen.

Creating a new account

1. Press the **(Home)** button on your remote control to open the Home screen.
2. Navigate to the profile icon in the top left corner of the screen and select it.
3. The account switching screen will be displayed.
4. Select [Add an account].
5. Follow the on-screen instructions to enter the required information for the new account, such as the email address and password. If you are creating a child profile, you will be guided through additional setup steps.

Switching between accounts

1. Press the **(Home)** button on your remote control to open the Home screen.
2. Navigate to the profile icon in the top left corner of the screen and select it.
3. The account switching screen will be displayed.
4. Select the account you want to switch to.
5. Press the **OK** button to confirm.

Securing your account with a password

Parents may want to secure their account with a password to prevent children from bypassing account restrictions by switching to a parent account. To secure your account, follow these steps:

1. Press the **(Quick Settings)** button and select **[All settings] > [Accounts and profiles]**.
2. Select your account.
3. Select **[Profile lock]** and enable it.

Each time you switch to your account, authentication will be required.

Parental control

This TV offers a variety of parental control options that allow you to restrict access to certain content and apps. By setting up parental controls, you can help ensure that children access only age-appropriate content and use the TV in a safe and responsible manner. To set up parental controls, follow the steps below:

Your TV includes two possible Live TV applications: **Live TV** and **Live TV***. Only one of these apps is made available on the TV, based on the selected country. Because the settings menus of these apps are different, both options are described below. Follow the instructions that apply to the Live TV app used on your TV.

Standard Live TV app parental control

1. While watching live TV, press the **(Quick Settings)** button.
2. Select **[Parental Controls]** from the list of options.
3. Enter the PIN code.

The following options are available:

[On] / [Off] - Enables or disables parental control. When enabled, you must enter the PIN to watch restricted content.

[Source lock] - Locks selected inputs in the Sources menu. A 4-digit PIN is required to switch to a locked input.

[Channels Blocked] - Blocks selected TV channels.

[Ratings] - Allows you to set programme restrictions based on the rating of the broadcast content. In this menu, you can set age-based restrictions.

Note:

Parental controls may not block all inappropriate content. It is important to monitor children's use of the TV and talk to them about safe and responsible viewing habits.

Live TV* app parental control

1. Press the **(EPG)** button on the remote control to display the EPG.
2. Press the **up arrow** button repeatedly until the top menu appears.
3. Use the arrow buttons to move the cursor in the top menu and select the **(gear)** icon in the top right corner, next to the time.
4. Press the **down arrow** button once, then press the **right arrow** button to select **[Parental control]**.
5. Press the **down arrow** button to move the cursor to the parental control settings, then adjust the settings as required.

The following options are available:

[Parental control] - Enables or disables parental control. When enabled, you must enter the PIN to watch restricted content.

[Channel Block] - Blocks selected TV channels.

[Rating System] - Allows you to select the rating system used in your country.

[Rating Lock] - Allows you to set programme restrictions based on the rating of the broadcast content.

Note:

Parental controls may not block all inappropriate content. It is important to monitor children's use of the TV and talk to them about safe and responsible viewing habits.

Child profile

In addition to the parental control settings described above, Google TV also allows you to create a dedicated child profile. This profile is linked to your primary account and allows you to set parental controls and screen time limits.

To create a profile for your child, follow these steps:

1. Press the **(Home)** button to open the Home screen.
2. Select the profile icon in the top left corner of the screen and press **OK**.
3. The account switching screen will be displayed. Select [Add a child].
4. Follow the on-screen setup instructions to create a new child profile linked to the currently active profile.

Sleep timer

The sleep timer allows you to set a time after which the TV will switch off automatically. This is useful if you like to watch TV before going to bed.

1. Press the  (Home) button on your remote control.
2. Select the  (Quick Settings) icon at the top of the Home screen.
3. The Quick Settings menu appears. Keep the cursor on the Settings icon and press the **OK** button again to open the Settings menu.
4. Scroll down and select **[System] > [Television] > [Sleep Timer]**.
5. Select how long you want the TV to remain switched on before it switches off automatically. You can choose from preset options, such as 30 minutes or 60 minutes.

The TV will switch off automatically after the selected time has elapsed. If you switch off the TV manually before the timer expires, the timer will be cancelled.

Date & time

Press the  (Quick Settings) button, then select **[All settings] > [System] > [Date and time]**. Within this menu, you will find the following options:

[Automatic date & time] - When enabled, the TV synchronises its time with the incoming digital TV signal. If the TV is connected to the Internet, the clock may also be updated online. When disabled, you can set the date and time manually.

[Set date] - Displays the current date. If automatic date and time are disabled, you can adjust the date manually.

[Set time] - Displays the current time. If automatic date and time are disabled, you can adjust the time manually.

[Set time zone] - Allows you to select your time zone.

[Use 24-hour format] - Allows you to choose between 12-hour and 24-hour time format.

Note:

- Make sure that the correct date and time are set. Some apps may not work properly if the date or time is incorrect.

Factory reset

Before disposing of, reselling or giving away the TV, you should perform a factory reset. Otherwise, unauthorised persons may be able to access your personal data.

Performing a factory reset restores the TV to its original factory settings and erases all data, settings and personalisation. Please note that this process will delete all apps, accounts and data associated with your Google TV. To perform a factory reset, follow these steps:

1. Press the  (Home) button on your remote control.
2. Select the  **[Quick Settings]** icon at the top of the Home screen, then go to **[All settings] > [System] > [About] > [Reset]**.
3. Select and confirm **[Factory Reset]**.
4. Select and confirm **[Factory Reset]** once more.
5. Select and confirm **[Erase everything]**.

After the final step, the factory reset is performed. When the TV restarts, the initial installation screen is displayed.



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