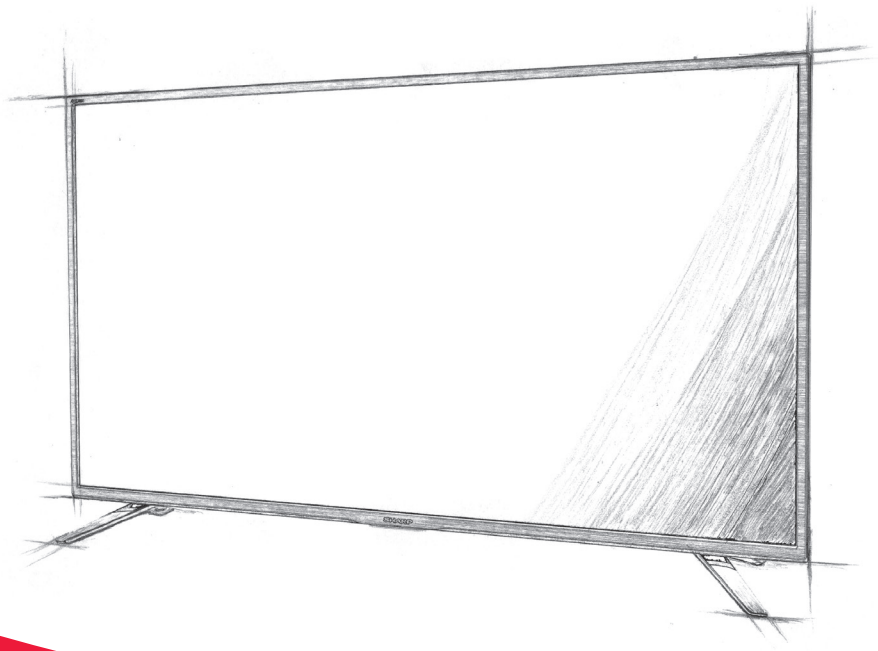
SHARP

Roku TV



User manual

Smart TV

EN

PAGE LEFT INTENTIONALLY BLANK

PAGE LEFT INTENTIONALLY BLANK

PAGE LEFT INTENTIONALLY BLANK

Important Safety Instructions





To prevent spread of fire, keep candles or other open flames away from this product at all times

Please read these instructions. All of the safety and operating instructions should be read before the appliance is operated.

~ - Alternating current

⧈ - This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Warnings

- Television sets with 40" screens or larger must be lifted and carried by at least 2 people.
- This television does not contain any parts that are serviceable by the user. In the event of a fault, contact the manufacturer or authorised service department.
- Exposing the internal parts of the TV may endanger your life. The manufacturers guarantee does not extend to faults caused by repairs carried out by unauthorised third parties.
- Do not use the TV set immediately after unpacking. Wait until the TV warms up to room temperature before using it.
- To reduce the risk of fire, electric shock or damage to the TV, do not expose it to dust, rain or moisture. Never expose the TV to dripping or splashing and do not place objects filled with liquids on or near the TV.
- Do not connect any external devices (DVD player, games console etc.) when the TV is switched on. Disconnect both the TV and device from the mains before connecting. Only switch appliances on when the connection process is complete.
- Do not place the television in a confined space and do not obstruct the ventilation openings at the rear of the television.
- When installing on a wall, ensure the TV is at least 5cm from the wall for ventilation.
- Always ensure that the TV's ventilation openings are not covered with items such as newspapers, table-cloths, curtains, etc.
- Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.
- Ensure this TV is used in moderate climates only.
- In cases of electrostatic discharge (ESD) the TV may operate incorrectly. If this happens, turn the set off at the mains and then turn back on again after 30 seconds. The set should now work normally.
- TV operating Conditions:
  - Temperature from +10°C to + 35°C
  - Humidity no more than 80% (at a temperature of 25°C)

WARNING: Never place a television set on an unstable surface. The TV set may fall causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Use cabinets or stands recommended by the manufacturer of the television set.
- Only use furniture that can safely support the television set.
- Ensure the television set is not overhanging the edge of the supporting furniture.
- Do not place the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Do not place the television set on cloth or other materials that may be located between the television set and supporting furniture.
- For maximum safety while using your set, it is recommended to fit anti-tip straps. These are designed to be attached between the wall/secure surface and the VESA mounts on the television. These are available from major retailers and websites and are an easy and inexpensive way of ensuring that your set stays safely upright.
- Please educate children about the dangers of climbing on furniture to reach the television set or its controls.
- If your existing television set is being retained and relocated, the same considerations as above should be applied.

Safety

- For your safety, this appliance is fitted with a fused 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark.
- Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement mains cable is required, contact the manufacturer for a suitable replacement.
- Never use the television if it is damaged in any way.
- Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration.
- The ideal distance to watch the television is from approximately 2.5-3 times the length of the diagonal measurements of the TV screen away.
- Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.
- Never place mobile phones, speakers or any other device which may cause magnetic or radio interference, near the television. If interference is apparent, move the device causing the interference away from the television.
- To disconnect the set from the mains, remove the mains plug from the socket.
- Ensure that the mains plug is always easily accessible.
- When handling the set do not grip the LCD screen/glass.
- Do not pull the set when mounted on a bracket. If using a moveable bracket, adjust via the bracket and not the TV set.
- Do not place this set above a heat source.

WARNING: Excessive volume when using earphones and headphones can cause damage to hearing.

Important Safety Instructions



Maintenance

- To clean your TV, wipe with a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth dampened with a weak detergent solution.
- Never use alcohol, paint thinner or benzene to clean this unit.
- Before using a chemically treated cloth, read the instructions that came with the cloth carefully.

CAUTION: If water or other liquid enters the television through the display panel surface, a malfunction may occur.



Packaging

- The safest way to transport your item is in the original box/packaging - please save your packaging for this.
- You will need the original box/packaging in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package the item correctly.

Important information regarding use of video games, computers, captions or other fixed image displays

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD/LED panel, also known as "screen burn".

This "shadow image" can appear in the background during normal viewing. This type of irreversible LCD/LED panel deterioration can be limited by observing the following steps:

1. Reduce the brightness/contrast setting to a minimum suitable viewing level.
2. Do not display the fixed image for extended periods of time.
3. Turn the power off when not in use.

Examples of images that are more likely to cause "screen burn" are as follows (this is not an exhaustive list):

- TV channel logos: e.g. shopping channel logos and pricing displays - especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.
- Time displays.
- Teletext: Do not view a static page for a long period of time
- TV/DVD menus: e.g. listings of DVD disc content.
- Pause mode: Do not leave the TV in pause mode for long periods of time, e.g. when watching DVDs or videos.

Important: Once 'shadow image/screen burn' occurs, it will never disappear and is not repairable under warranty.

How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Please dispose of the product at a designated collection point for recycling of WEEE. For your nearest facilities, please see www.recycle-more.co.uk or ask store for details.

ROI: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. Check with your local authority or retailer for recycling advice.



Batteries

- CAUTION: Risk of explosion if the battery is replaced with an incorrect type.
- Do not expose batteries to high temperatures, excessive heat, prolonged sunshine or fire as this may cause leakage, explosion or ignition.
- Observe the correct polarity when inserting batteries.
- Do not use different types of batteries together or mix old and new batteries.
- Dispose of batteries in an environmentally friendly way.
- Certain regions may regulate the disposal of batteries. Please consult your local authority.



UKCA Statement:
Hereby, Sharp Consumer Electronics Poland sp. z o.o. declares that this LED TV is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.
The full text of the EU declaration of conformity is available by following the link:
www.sharpconsumer.com/documents-of-conformity/

CE Statement:
Hereby, Sharp Consumer Electronics Poland sp. z o.o. declares that this LED TV is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU.
The full text of the EU declaration of conformity is available by following the link:
www.sharpconsumer.com/documents-of-conformity/

This equipment may be operated in all EU countries.

The 5 GHz WLAN(Wi-Fi) function of this equipment may only be operated indoors.
Wi-Fi max transmitter power:
100 mW at 2.400 GHz – 2.4835 GHz
100 mW at 5.150 GHz – 5.250 GHz
100 mW at 5.250 GHz – 5.350 GHz
100 mW at 5.470 GHz – 5.730 GHz
100 mW at 5.735 GHz – 5.835 GHz

TRADEMARKS

Dolby Vision

Dolby Audio

Dolby, Dolby Vision, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 1992–2024 Dolby Laboratories. All rights reserved.

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Roku TV

Roku, Roku TV, the Roku logo and the purple d-pad design are the trademarks or registered trademarks of Roku, Inc. in the United States and other countries.

All other trademarks and logos herein are the property of their respective owners.

Microsoft PlayReady™

This product contains technology subject to certain intellectual property rights of Microsoft. Use or distribution of this technology outside of this product is prohibited without the appropriate license(s) from Microsoft.

Content owners use Microsoft PlayReady™ content access technology to protect their intellectual property, including copyrighted content. This device uses PlayReady technology to access PlayReady-protected content and/or WMDRM-protected content. If the device fails to properly enforce restrictions on content usage, content owners may require Microsoft to revoke the device's ability to consume PlayReady-protected content. Revocation should not affect unprotected content or content protected by other content access technologies. Content owners may require you to upgrade PlayReady to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade.

Apple, Apple Home, AirPlay and Siri are trademarks of Apple Inc., registered in the U.S. and other countries and regions. The Works with Apple Home badge is a trademark of Apple Inc.

To use AirPlay and HomeKit with this Sharp Roku TV, the latest version of iOS, iPadOS, or macOS is recommended.

Amazon, Alexa, and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Alexa enabled device is required to work with Alexa.

Google and Google Home are trademarks of Google LLC.

CONTENTS

Guarantee Information 3
Safety Instructions 4-5
Trademarks 6
Securing to a wall 8
GETTING STARTED 9-17
Connecting External Device - Wired 9-13
Connecting Headphones - Wired 14
Remote Control 15
TV Control Stick and Input Source Menu 16
First Time Installation 17
GUIDED SET-UP 18-25
Starting Guided Set-up 18
Guided Set-up 18-20
Network connection 20-22
Activation 23
Connect your devices 23-26
THE HOME SCREEN 27-28
Customise your Home screen 27-28
SETTING UP LIVE TV 29-35
How do I set up the TV tuner? 29-30
Scanning aerial channels 30-31
Scanning satellite channels 31-35
USING YOUR TV 35-41
Standby mode energy savings 35
Watching live TV channels 35-38
Switching TV inputs 38
Using Roku Voice commands 39
Playing content from USB storage devices 40
Playing content from local network media servers 40
Setting up a payment method 40
Opting out of HbbTV 40-41
USING APPLE AIRPLAY AND THE APPLE HOME APP . 42
Apple AirPlay 42
Apple Home app 42
ADJUSTING TV SETTINGS 43-52
Main Settings menu 43
TV settings menu 43
Sleep timer 44
Picture settings 44-46
Sound settings 47
Manage channels 48-50
Accessibility and language 51-52
SEARCHING FOR SOMETHING TO WATCH 52-53
Keyboard search using the remote 52
Searching from the Roku mobile app 52
Searching with Google Assistant 52
Searching with Amazon Alexa 52
Searching for free content 53
USING THE ROKU STORE 53
CUSTOMISING YOUR TV 54-58
Add TV inputs to your Home screen 54
Add streaming channels to your Home screen 54
Rename inputs 54
Remove unwanted inputs and channels 54
Rearrange inputs and channels 54
Change menu volume 55
Configure power settings 55-57
Configure accessibility 57-58
Customise the Home screen 58
MORE SETTINGS 59-62
Network settings 59
Time settings 59
Scan again for live TV channels 59
HDMI® mode (4K models only) 59
Control by mobile apps 60
Home theatre configuration 60
Adjusting audio delay 61
Turning off the TV screen while listening to music 61
Factory reset everything 61
Roku Account PIN 61
Roku mobile app 62
Connecting your TV 62
ONLINE MANUAL 63

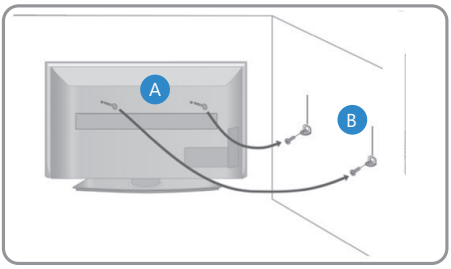
SECURING THE TV TO A WALL

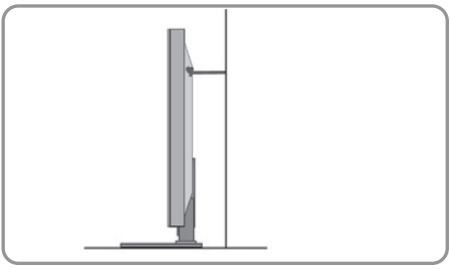
Securing the TV to a wall with anti-tip straps

For maximum safety in the home, when using a TV with its stand, anti-tip straps should be fitted. These are available from major retailers & websites and are an easy, inexpensive and effective way of ensuring your TV stays safely upright. Straps are designed to be attached to the rear of the TV and then tethered to the wall or furniture the TV is stood on, these are fitted as follows.

A Using one or both of the top wall-mounting holes and screws fasten one end of the fastening cord/s to the TV. (the screws are already supplied in the wall mounting holes)

B Secure the other end of the fastening cord/s to your wall. (you will need screws/fixings suitable for your wall type - available separately from most DIY stores).





Note: Please ensure that children do not climb on the TV set.
Note: When handling the set do not grip the LCD Panel.
Note: Do not pull the set when mounted on a bracket. If using a moveable bracket, adjust via the bracket and not the set.

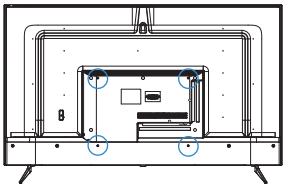
The Royal Society for the Prevention of Accidents is urging people to take care with flat-screen televisions.

RoSPA stated in 2010 that "Toddlers are particularly at risk of pulling flat-screen televisions on to themselves. They are unsteady on their feet and are attracted by colourful television images."

The risk is increased as televisions become lighter.

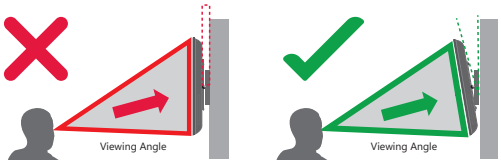
Wall mounting & Viewing Angle

IMPORTANT - Before drilling any holes in the wall ensure you are not drilling where there could be any electrical wires, water or gas pipes.



Install the wall mounting bracket to the television as advised by the bracket manufacturer.

Note: This diagram to the left is an example of screw positions. Due to model variations, please ensure you check your TV for the exact location of the wall mounting screw positions.



CONNECTING EXTERNAL DEVICES - WIRED

Before turning your set on, it is recommended that your external devices are connected before continuing with the first-time installation process. Depending on the source connectivity on your television, follow the guidance below when connecting external devices.

HDMI Connection

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



A External Device

B HDMI cable (not supplied)*

*Be sure to use an authorised HIGH-SPEED HDMI cable bearing the HDMI logo.

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 televisions remote control. We recommend using the HDMI (ARC) connection when used with an AV receiver – please refer to the ARC section of this Operation Manual. First, the CEC-compatible devices must "discover" one another and report their capabilities. After this, one device can control another according to the features you enable.

Discover connected CEC devices

1. Turn on the connected device.
2. On the TV's Home Screen Menu, navigate to ***Settings*** > ***System*** > ***Control other devices (CEC)*** and then select ***Search for CEC devices***. Press ***OK*** to repeat the discovery process, if necessary.

HDMI CEC Control Options

On the TV's Home Screen Menu, navigate to ***Settings*** > ***System*** > ***Control other devices (CEC)***.

Following options are available:

System standby	If disabled, the connected device does not turn off automatically when the television is turned off.
One-touch play	One-touch play enables a device to control which TV input is active. For example, pressing Play on your Blu-ray™ player switches the TV to the Blu-ray™ input.
Search for CEC devices	Displays the HDMI CEC device list.

Features Available to Compatible CEC Devices

Blu-ray/DVD player

- Automatically turns the television 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 television off.
- Controls menu operation ***[ARROW]*** buttons, playback and track selection of the connected Blu-ray/DVD player through the TV's 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 television remote control.

Video Camera

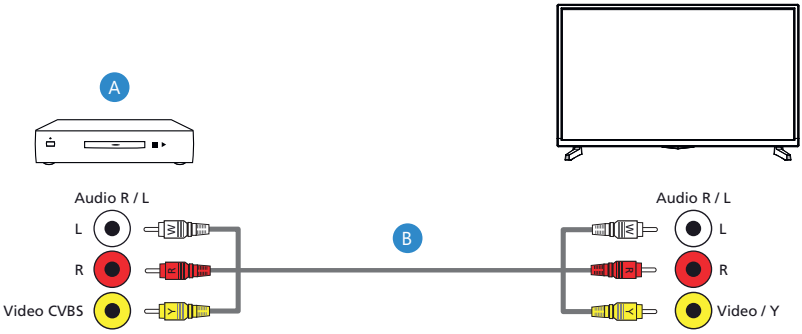
- Automatically turns the TV on and switches the input to the connected video camera when the camera is turned on.
- Automatically turns the connected video camera off when you turn the TV off.
- Controls menu operation ***[ARROW]*** buttons, playback, e.g. [***PLAY***] button of the connected video camera through the TV's 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 "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 using a composite video/audio cable.

AV Source



A External Device (Output)

B Composite video/audio cable (not supplied)

Connecting an External Audio Device

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

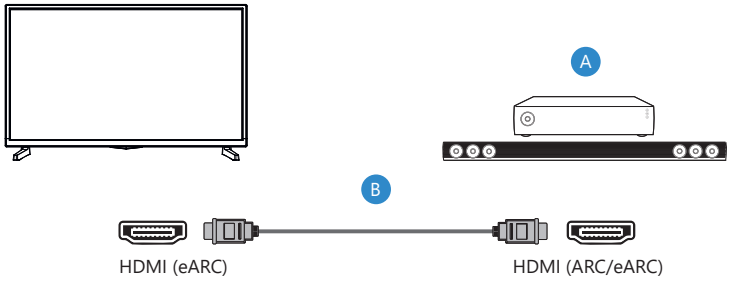
- Connecting with an HDMI cable. for Details, carefully read *HDMI Connection (ARC supported).*
- Connecting with a digital optical cable.
- Connecting with an audio cable.

Note: Refer to the instruction manual of the device to be connected.

HDMI Connection (ARC Supported)

Connecting the television and audio system with a HDMI cable. This is the recommended method of connecting an external audio device.

Connect to the television's HDMI input terminal bearing the text "ARC".



A AV Receiver or Soundbar

B HDMI cable (not supplied)*

Note: We recommend authorised Premium High-Speed HDMI Cable(s) bearing the HDMI logo.

Ensure that the connected audio device is HDMI ARC or eARC compatible.

The ARC output on your television may vary depending on the model.

On the TV's Home Screen Menu, navigate to ***Settings*** > ***Audio*** > ***Audio output*** and select ***Auto*** or ***ARC***.

Control of volume can be achieved via the television remote control (CEC must be turned on).

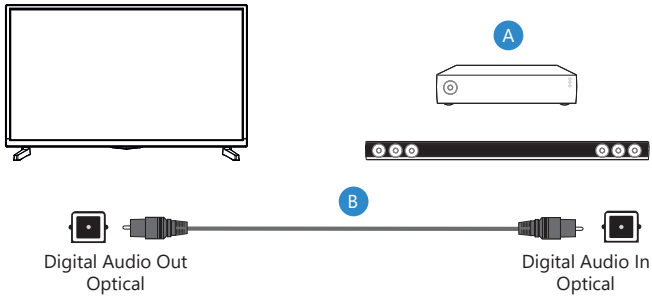
When ARC is working, the sound from the television speakers will be muted.

You need to configure the Digital Output settings according to your audio system. On the TV's Home Screen Menu, navigate to ***Settings*** > ***Audio*** > ***Digital output format*** and select the audio format to use.
If the audio system is not compatible with Dolby Digital, set Digital Output to ***Auto*** or ***Stereo***.

Digital Audio (Optical)

Connecting your television and audio system with a digital optical cable.

Connect to the audio system digital optical input terminal.



A AV Receiver or Soundbar

B Audio Optical cable (not supplied)

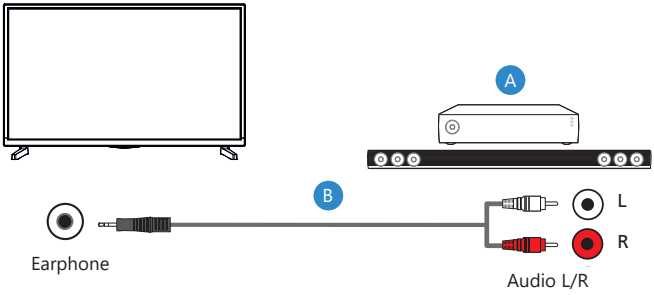
To make sure that the Optical output outputs audio reliably, you must turn off the TV's speakers. To do so, from the Home Screen Menu, navigate to ***Settings*** > ***Audio*** > ***Audio output*** and change the setting to ***Optical***.

If there is no sound on the digital optical output, go to the TV's Home Screen Menu, navigate to ***Settings*** > ***Audio*** > ***Digital output format*** output and select different audio format to use.

Note: Dolby Audio™ support for Dolby Digital Plus™ format is not available through the Optical output.

RCA Analogue Audio Cable

Connect to the audio system's audio input terminal.



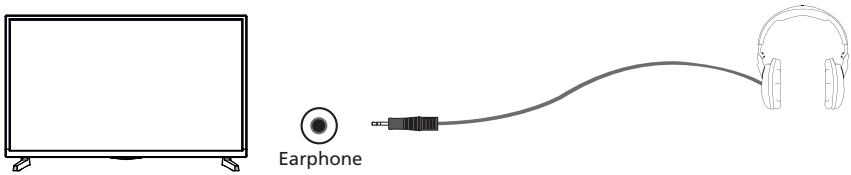
A AV Receiver or Soundbar

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 headphones to this set.



When *wired headphones* are connected to the 3.5mm jack socket on the rear of the set, the internal speakers will cut out. The volume of the sound which comes from the headphones is controlled via the remote control using the [***VOL+***] and [***VOL-***] buttons.

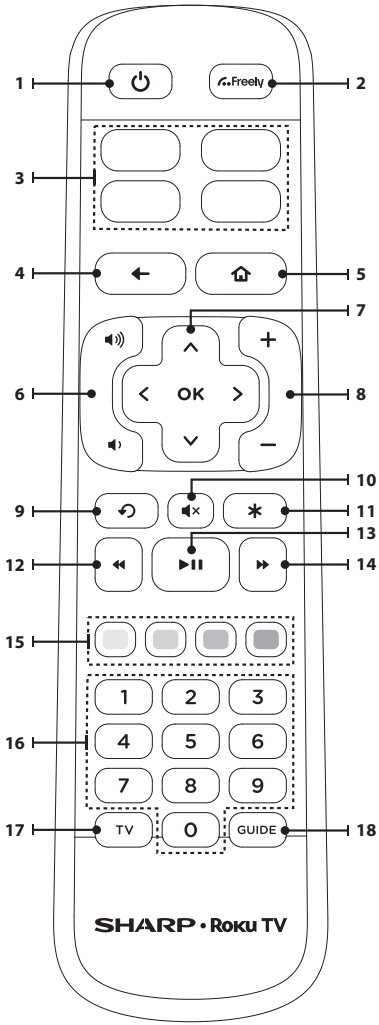
Note: When using headphones, a warning will appear advising not to use excessive volume for long periods of time as this may damage your hearing.

Turning up the headphone volume too high may result in distortion.

REMOTE CONTROL

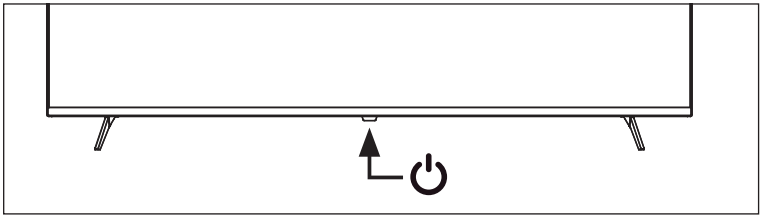
Remote Control Layout

1. **STANDBY** – Turns TV on and off.
   Note: TV will be in active standby for about 15 minutes after a Standby button press to turn off the TV. The TV will enter passive standby after this time. On a Standby button press to turn on the TV, the TV will resume instantly if in active standby or will take few seconds longer if in passive standby.
2. **FREELY** – Accesses the Freely service.
3. **APPS KEYS** – Access specific applications quickly and directly. Dedicated buttons vary by model and region.
4. **BACK**
   Menu: Goes back to previous menu/screen.
   Watching any TV input: Returns to Home screen.
5. **HOME** – Immediately returns to the Home screen.
6. **VOLUME UP / DOWN** – Increases and decreases the volume.
7. **(▲ / ▼ / ◀ / ▶ / OK)** DIRECTIONAL PAD
   Navigating the TV menus and options:
   • LEFT/RIGHT/UP/DOWN moves the highlight in the corresponding direction.
   • OK selects the highlighted option.
   Watching TV:
   • OK displays the programme information banner.
8. **CHANNEL UP / DOWN** – Changes to the next or previous channel in the channel list. Scrolls through lists one page at a time.
9. **REPLAY** – Return to the previously viewed TV channel.
10. **MUTE** – Mutes and unmutes TV sound.
11. **STAR** – Displays additional options when available. On-screen hints let you know when this button is active.
12. **REWIND** – Play in fast rewind mode.
13. **PLAY / PAUSE** – Play/pause media.
14. **FAST FWD** – Play in fast forward mode.
15. **COLOUR KEYS** – Function depends on Interactive TV app being used.
16. **NUMBER KEYS**
    Live TV: Direct channel entry.
    On-screen number pad: Direct number entry.
17. **TV** – Jumps directly to Live TV. Exits an interactive TV app.
18. **GUIDE** – Displays the programme guide.



TV CONTROL BUTTON

The TV is equipped with a single control button located at the bottom of the LED light.



■ In standby mode:
Short press TV control button to turn on the TV.

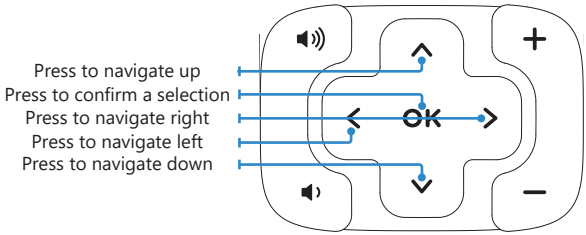
■ In working status:

- Long press TV control button and the TV will be in active standby for about 15 minutes. The TV will enter passive standby after this time. On a Power button press to turn on the TV, the TV will resume instantly if in active standby or will take few seconds longer if in passive standby.
- Short press TV control button to open the Inputs menu, then you can short press TV control button to cycle through all items in the order as they are displayed in the Inputs menu.
  - **Close:** Exit the Inputs menu.
  - **Turn off TV:** Turn the TV to standby mode.
  - **Blu-ray Player:** Access the external device connected through HDMI or AV terminal.
  - **Live TV:** Access the Live TV mode.
  - **Home:** Access the home screen.

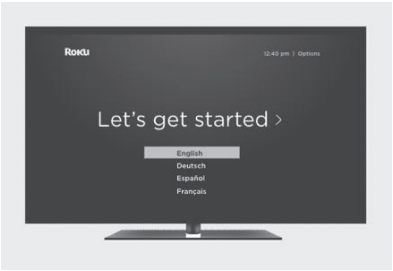
FIRST TIME INSTALLATION

When the set starts up for the first time, it will do so in the first-time installation mode.

To navigate through the options when in the first-time installation mode, use the buttons on your remote control as shown here:



Tip: Have your wireless network name and password handy.



Follow the on-screen instructions on your Roku TV.

If you aren't ready to connect your TV to a wireless network, you can still use it as a regular TV.

If the users want to remove their credentials from the TV or if they wish to set up the TV with different credentials, then they can do so by bringing the TV to the factory state. To bring the TV to the factory state, please select < HOME → Settings → System → Advanced system settings → Factory reset → Factory reset everything

GUIDED SET-UP

With the preliminaries out of the way, it's time to turn on your TV. As the TV starts for the first time, it leads you through Guided Set-up, which configures the TV before you start to use it.

During Guided Set-up, you'll:

- Answer a few questions
- Provide network connection information
- Get a software update
- Link your TV to your Roku account.
- Connect devices such as a DVD player, game console or cable box.

Starting Guided Set-up

To start Guided Set-up, press **POWER** on the remote to turn on your TV.

Note: Guided Set-up normally runs only once, the first time you turn on your TV. If you need to run Guided Set-up again, you must perform a factory reset.

When you first turn on your TV, it will take a few seconds to get itself ready. You'll notice the following things happening:

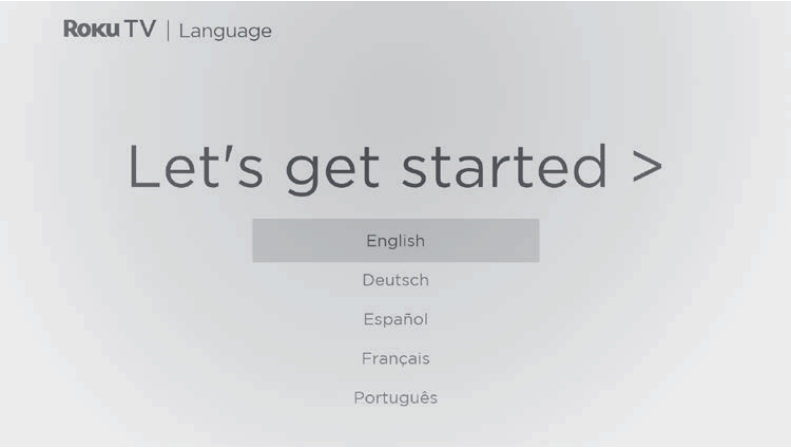
- The status indicator blinks every time the TV is busy doing something; in this case it's powering up and getting ready for you.
- The splash screen appears and the status indicator blinks slowly for a few more seconds. The power-on screen shows a brand logo while the TV starts up.



After a few seconds, Guided Set-up starts.

Guided Set-up

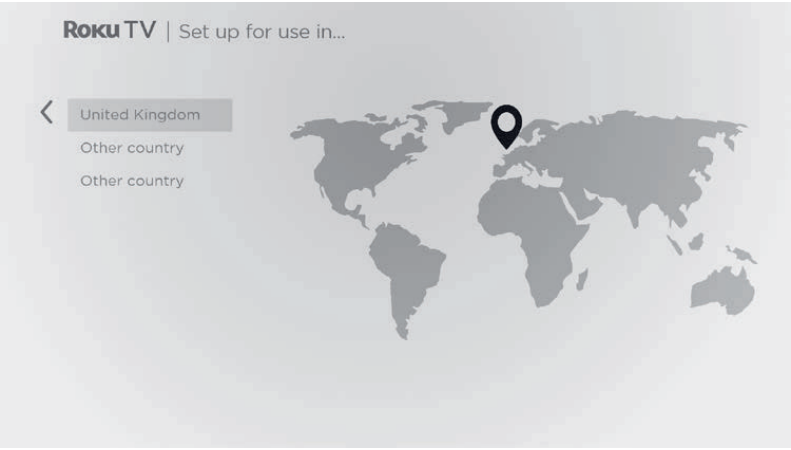
At this point, you should be seeing the ***Language*** screen.



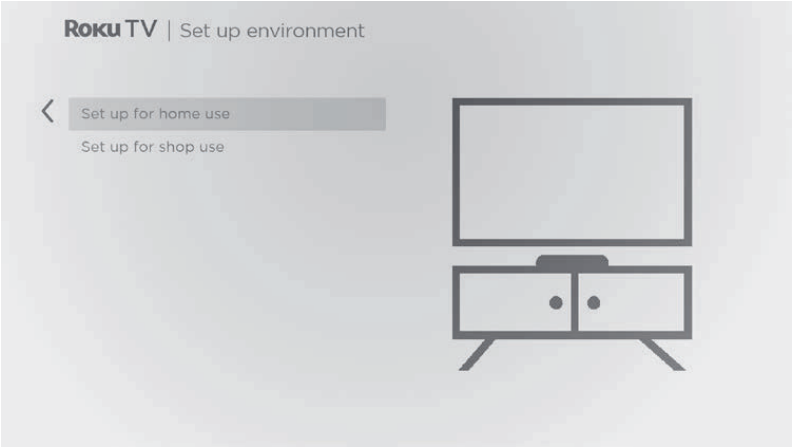
Accessibility: If you have selected ***English*** language, you can activate the screen reader, a text-to-speech screen reader to help you navigate the TV's menus and commands. To enable the screen reader, press ***STAR*** * four times in rapid succession. Repeat to disable the screen reader. (***STAR*** * is located directly below the purple directional pad on the right side of the Roku remote.)

If you enabled the screen reader, choosing any language other than English disables it.

1. Press **DOWN** on the purple directional pad to highlight your preferred language, and then press **OK**.



If you see this screen, select your country and then press **OK**.

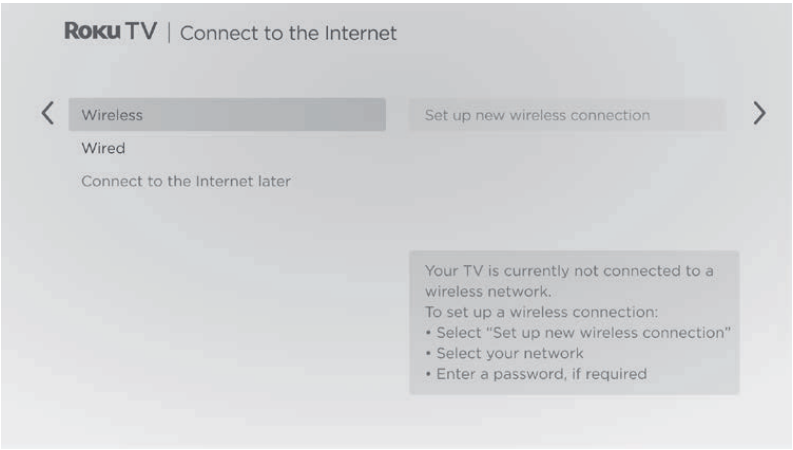


2. Press **OK** to select **Set up for home use**. This is the right choice for enjoying your TV at home. It provides energy saving options as well as access to all features of the TV.

Note: **Set up for shop use** configures the TV for retail display and is not recommended for any other use. In Shop mode, some features of the TV are missing or limited. To switch from one mode to the other, you must perform a factory reset.

Network connection

After you select **Set up for home use**, the TV prompts you to make a network connection. If your TV has both wired and wireless connections, you'll see the following screen. If your TV has only wireless connectivity, skip the following step.



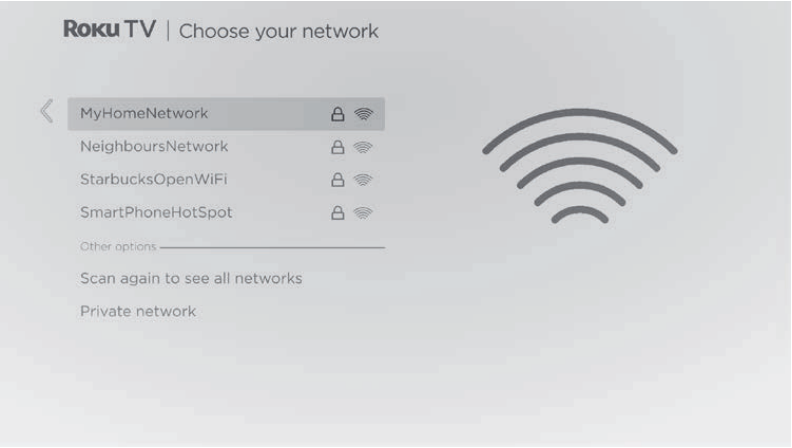
3. Only on models that display the **Connect to the Internet** screen: Make a selection:

- **Wireless connection** – Highlight **Set up new wireless connection** and press **OK**. The TV prompts you through wireless set-up. Skip ahead to the next step for help with the process.
- **Wired connection** – Highlight **Connect to wired network** and press **OK**. The TV immediately attempts to connect to your wired network, your local network and then the Internet. Go to Step 9 to continue with Guided Set-up.

- **Connect to the Internet later** (Only on certain models) – If you don't want to connect to the Internet at the moment, you can select this option and then press OK. You can still use the TV to watch live TV channels, connect your devices to play games, watch DVDs or watch content from other devices. When you're ready to connect, it's easy. We'll show you how in Connecting your TV.

Note: If you decide not to connect, Guided Set-up skips ahead to setting up the devices that you've connected to your TV. Jump ahead to Connect your devices to complete Guided Set-up.

4. On wireless only models or models with both wired and wireless and you've selected **Wireless**, the TV scans for the wireless networks within range and displays them in order, with the strongest signals first. In addition to your own wireless signal, the TV might pick up signals from your neighbours.



Press **UP** or **DOWN** to highlight the name of your wireless network, and then press **OK** to select it.

Note: Some networks, such as those often found in school halls of residence, hotels, and other public places, require you to read and agree to terms, enter a code or provide identifying information before letting you connect to the Internet. If your Roku TV detects that you are connecting to such a network, it prompts you through the connection process using your compatible mobile phone or tablet to provide the needed information.

Other options

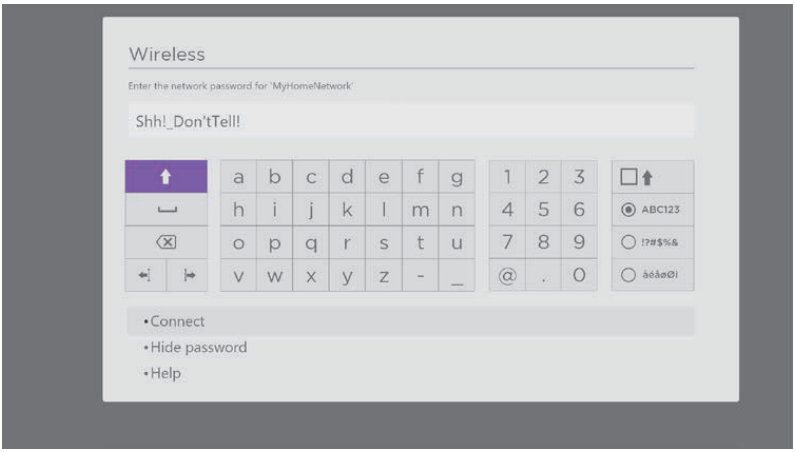
- **Scan again to see all networks** – The name of this option depends on the number of wireless networks within range.
  - **Scan again** appears if the list already shows all available wireless networks within range. If you don't see your wireless network name in the list, you might need to adjust the location of your wireless router or the TV, turn on your router or make other changes. When everything is ready, select Scan again to see if your network name now appears in the list.
  - **Scan again to see all networks** appears only if there are more wireless networks than the ones initially listed. If you don't see your wireless network name in the list, this option displays the complete list. If you still don't see your network name, you might have your router configured to provide wireless service as a "private network".

    Note: Highlighting either of these options displays an informational panel with the unique media access control (MAC) address of your Roku TV. You will need the MAC address if your wireless router is configured to use MAC address filtering.
- **Private network** – If your wireless network name is hidden, it won't appear in the list. Select Private network and then press OK to display an on-screen keyboard. Use the keyboard to enter your network name. Unless you changed the factory-set network name, you can find the name (also called SSID) on a label on the router.

Tip: Wireless networks that are password-protected display a "padlock" icon adjacent to the name. This icon enables you to know that you are going to be prompted to enter a password after you select that network.



5. Only if you select a password protected wireless network, an on-screen keyboard appears. Enter your wireless network password by using the purple directional pad to navigate the keyboard and pressing **OK** to select a highlighted letter, number or symbol. When you finish, press **DOWN** to select **Connect**, and then press **OK**.



After you select **Connect**, the TV displays progress messages as it connects to your wireless network, your local network and the Internet.

Your TV automatically checks for updates periodically. These updates provide new features and improve your overall experience with the TV. After an update, you might notice that some options have moved, and that there are new options or features.

To determine your current Roku TV software version, go to **Settings** > **System** > **About** after you complete Guided Set-up. You can download an updated User Guide for the latest software version from the Roku TV web site at: ***go.roku.com/tvmanual***

Activation

After the TV restarts, it prompts you through activation. Note that you may need to supply your email address to activate your TV.

6. To begin the activation process, either:

- Using a smartphone or tablet with an Internet connection, scan the QR code that appears on your screen, go to the indicated link, and complete the activation process.
- Enter your email address on the TV when prompted, and then use a computer, tablet, or smartphone with an Internet connection to receive the resulting email. Follow the instructions in the email to complete the activation process.

Why do I need a Roku account?

You need a Roku account for several reasons:

- It links you, your Roku TV and your other Roku streaming devices to the Roku Store and billing service.
- Streaming content providers know that it's OK to send content you request to your Roku TV.
- Roku can automatically update your TV with the latest features.

You need a Roku account to activate your device and access entertainment from streaming channels. Linking to a Roku account also activates several advanced features on your TV, such as Guest Mode, the Roku mobile app, and Live TV Pause, to name just a few. Roku accounts are free. Providing payment information during signup makes renting, purchasing and subscribing to entertainment from the Roku Store fast and convenient.

After you activate your TV, the TV gets an acknowledgement and then adds your newly selected and pre-existing streaming channels from other Roku devices on the same account. This process is automatic and takes a few moments – a little longer if you have added a lot of streaming channels.

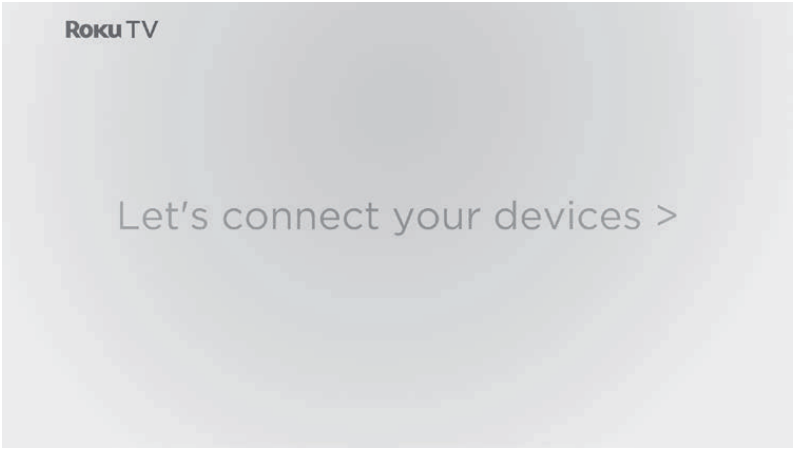
Note: Roku doesn't charge for activation support – beware of scams.

Roku accounts are free and while a valid credit card number is not required to create a Roku account, saving your credit card information makes renting and purchasing entertainment from the Roku Channel Store fast and convenient.

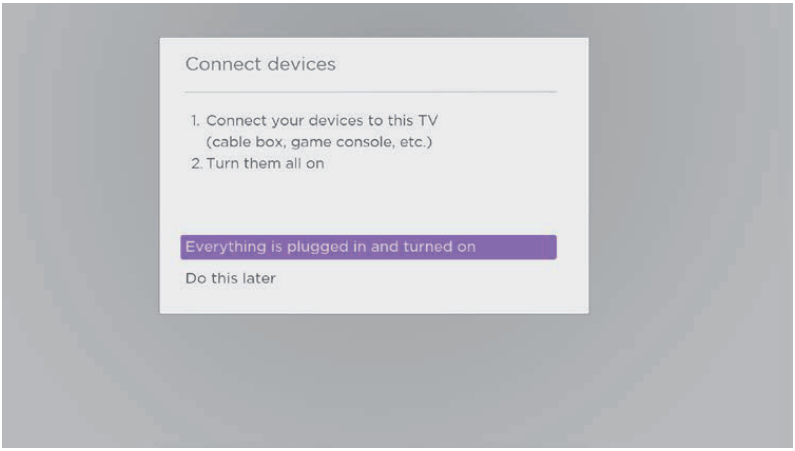
Once connected to your account, your TV will automatically update with the latest software, and you can start streaming immediately.

Connect your devices

Next, Guided Set-up helps you set up the external devices that you want to use with it, such as a cable box, Blu-ray™ player or game console.



7. Press **OK** to proceed:



8. Connect all the devices you plan to use with your TV, turn them all on, and then select **Everything is plugged in and turned on**. The TV now takes you step by step through each of its inputs and asks what kind of device you have connected. For each input that has a connected and active device, you can see its picture and hear its sound.



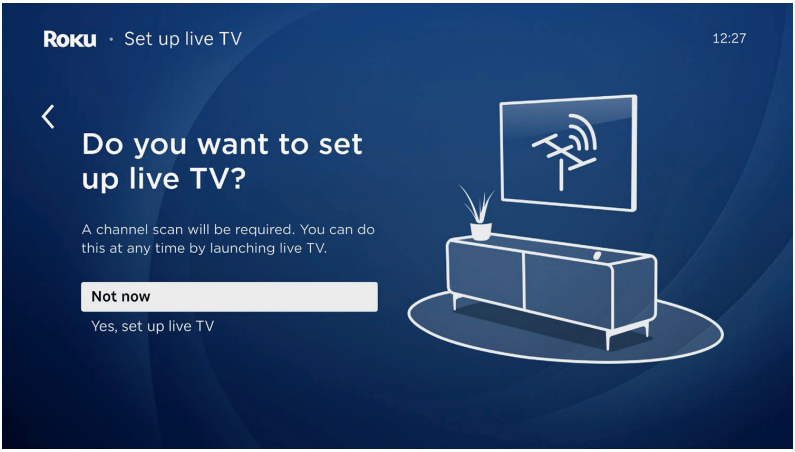
9. Press **UP** or **DOWN** to highlight the label you want to associate with the input, and then press **OK**. If you are not using the input, select **Nothing**, and the input won't appear on the Home screen.
10. While setting up your devices, rather than using the predefined names and icons, you can set a custom name and icon. To do so, scroll up or down to highlight **Set name & icon**, and then press **OK**. Follow the instructions on the screen to enter a name and select an icon for the input. See Rename inputs for more information.

    Note: If you specify a custom name for an input, voice commands will not reliably switch to that input. Voice commands typically can only switch among inputs that use built-in names, such as "AV", "Cable Box" and "DVR".

11. Repeat the previous step for each input.

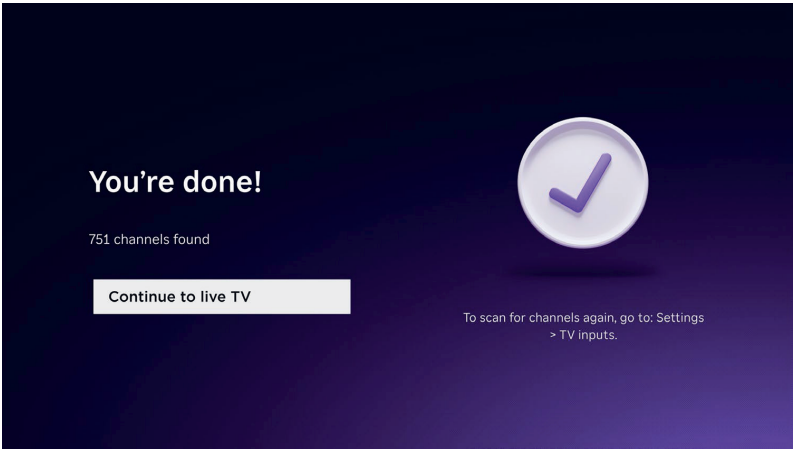
You're done with Guided Set-up.

You are now prompted to scan for Live TV channels.



If you want to scan for channels now, follow the instructions on the screen to complete the channel scan and optionally add the Freely app.

You're done with Guided Set-up.



From here, you can explore everything your TV has to offer. Use the purple directional pad to move around, and then press **OK** to select a highlighted item. Press **HOME** from whatever you are viewing to return to the Home screen.

You can find the Roku TV user guide and more details on setting up the TV by scanning the QR code below or by following the link:

https://go.roku.com/tvmanual

Roku® mobile app

To control your Roku device with the Roku mobile app, you must connect your mobile device to the same wireless network as your Roku device. Visit the App Store to download the Roku mobile app for iOS.

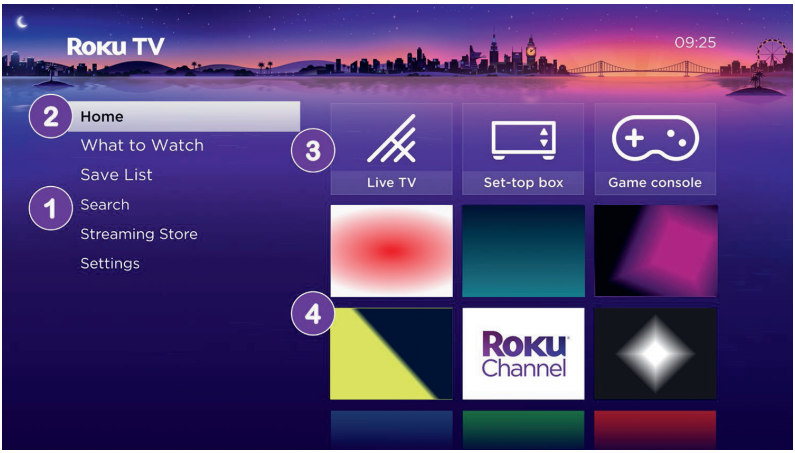
The Roku App (Official) on the App Store (apple.com)

The Roku App (Official) - Apps on Google Play

THE HOME SCREEN

The following illustration shows a typical Home screen. The Home screen you see on your TV will vary depending on location, theme, the number of TV inputs enabled, and streaming channels and apps you have added.

Note: A paid subscription or other payments may be required for some channel content. Channel availability is subject to change and varies by country. Not all content is available in countries or regions where Roku® products are sold.



Typical Home screen

Note: The options appearing in the left navigation area vary by geographic location and might change from time to time.

1. Home Screen Menu – shows options available to you when you are on the Home screen.
2. Highlighted option – press OK to select.
3. TV inputs – select an input to watch the connected device.
4. Streaming channels and apps – select an item and press OK to go to the indicated streaming channel or application. You can add any number of channels from the Roku Store.

Customise your Home screen

There are many things you can do to customise your Home screen and make it just right for you and your family:

- Add streaming channels by using the **Streaming Store** menu option to browse the Roku Store.
- Change the screen theme by going to **Settings > Themes** to find and pick one to suit your mood.
- Customise the Home screen. Hide or show the shortcut items and options that appear in the Home Screen Menu.
- Remove unwanted inputs and channels by highlighting it and pressing ✱ **STAR**. Then highlight **Remove input** or **Remove channel** and press **OK**.
- Move an item by highlighting it and pressing ✱ **STAR**. Then highlight **Move input** or **Move channel** and press **OK**. Use the purple directional pad to move the item, and then press **OK** to lock it in its new location. Move the shortcuts within the shortcut area only. Shortcuts are designed to always appear at the very bottom of the grid, so you can access them quickly by pressing **UP** once when you're at the top of the grid.
- Rename a TV input by highlighting it and pressing ✱ **STAR**. Then, highlight **Rename input** and press **OK**. Highlight a new name in the list, and then press **OK** to assign that name.

  Rather than using the predefined names and icons, you can set a custom name and icon. To do so, scroll up or down to highlight **Set name & icon**, and then press **OK**. Follow the instructions on the screen to enter a name and select an icon for the input.

Note: If you specify a custom name for an input, voice commands might not reliably switch to that input. Voice commands typically can only switch among inputs that use built-in names, such as "AV", "Cable Box" and "DVR".

- Only on channels that you have subscribed through your linked Roku account, manage your subscriptions by highlighting a streaming channel and pressing ✱ **STAR**. Then highlight **Manage subscription** and press **OK**. Select **Cancel subscription** and then follow the instructions to confirm your cancellation.

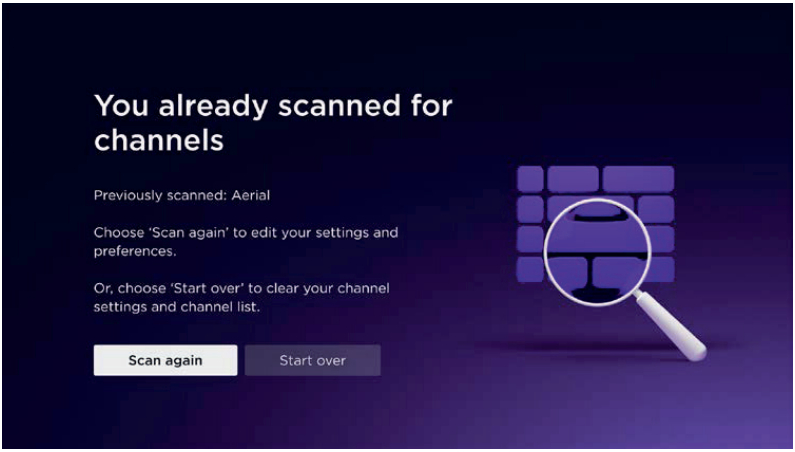
SETTING UP LIVE TV

You must set up Live TV before you can watch broadcast channels from aerial or satellite. You had the opportunity to set up Live TV as the last step of Guided Setup. If you skipped this step, you can scan for channels now.

How do I set up the TV tuner?

Note: Only on certain models, there are two inputs – one for aerial and another for satellite. These models create separate channel lists: one for aerial and one for each of up to four satellites.

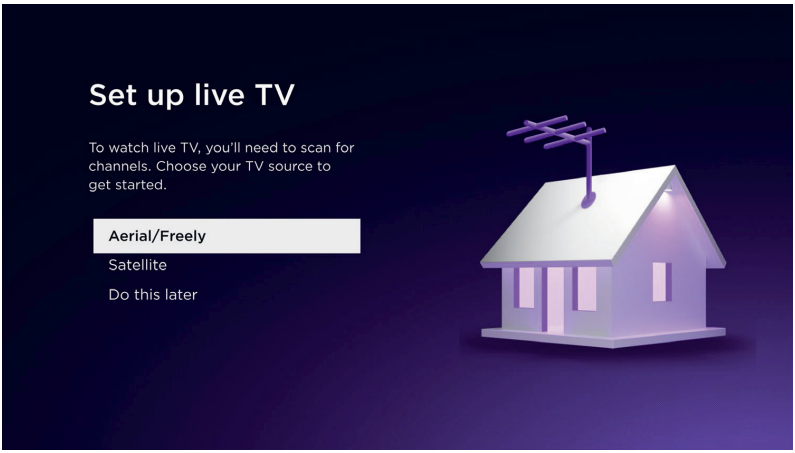
1. Make sure that the cable (not provided) from your broadcast TV provider (aerial or satellite) is connected to the TV's **RF IN** or **SAT IN** input.
2. On the Home screen, select the **Live TV** input. If it is not on your Home screen, go to **Settings > TV Inputs** to add it. If you have already performed a channel scan, press **STAR ✱** while the Live TV input tile is highlighted, and then select **Scan for channels**.
3. Only if you have previously completed a channel scan, the following screen appears:



Choose one of the options:

- **Scan again –** Scans for more channels to add to your existing channel list. Preserves your favourites and hidden channels.
- **Start over –** Clears your channels and replaces them with a new channel list.

4. From the initial **Set up Live TV** screen, select an appropriate option: **Antenna** or **Satellite**.



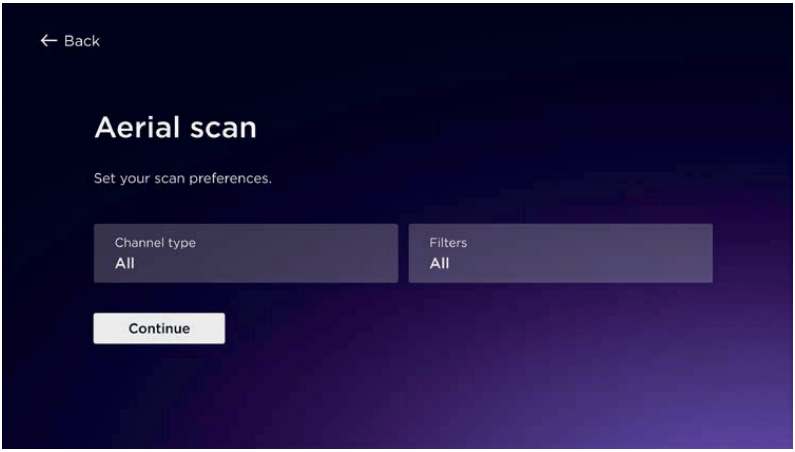
5. Follow the appropriate instructions:

- Scanning aerial channels
- Scanning satellite channels (certain models only)

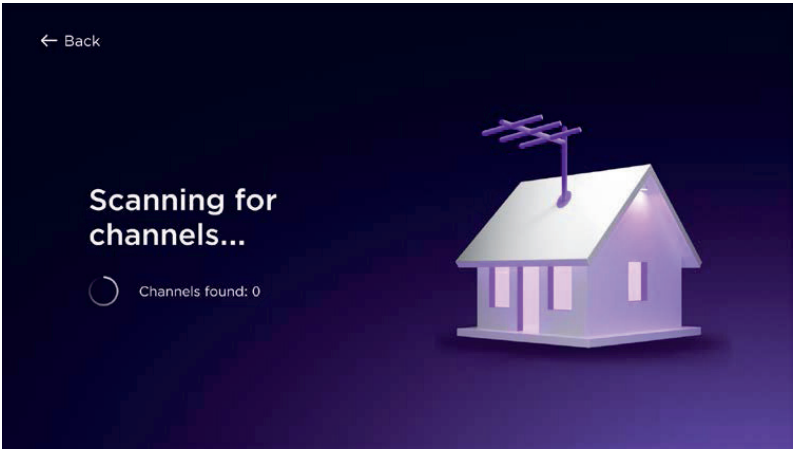
Only TVs that support satellite reception , you can watch programme sources in both clear and encrypted (scrambled) form. Encrypted programmes are decrypted using a Common Interface Conditional Access Module (CICAM or CI) card that you must supply. Although you must insert your own CI card to decode and view encrypted programmes, you do not need a CI card to scan encrypted channels and add them to a channel list.

Scanning aerial channels

If you selected **Aerial** from the **Set up Live TV** screen, the **Aerial scan** screen appears:

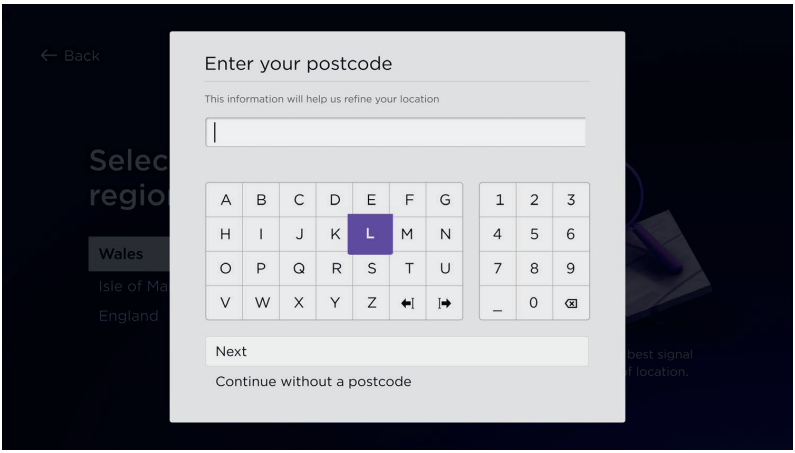


1. Only if you want to limit the kinds of channels to include in the scan,
   - Select **Channel type**, to choose from a list to channel types to scan.
   - Select **Filters** to choose from a list of filters to apply to the channel scan.
2. Select **Continue**.



3. Wait while your TV scans for aerial channels.

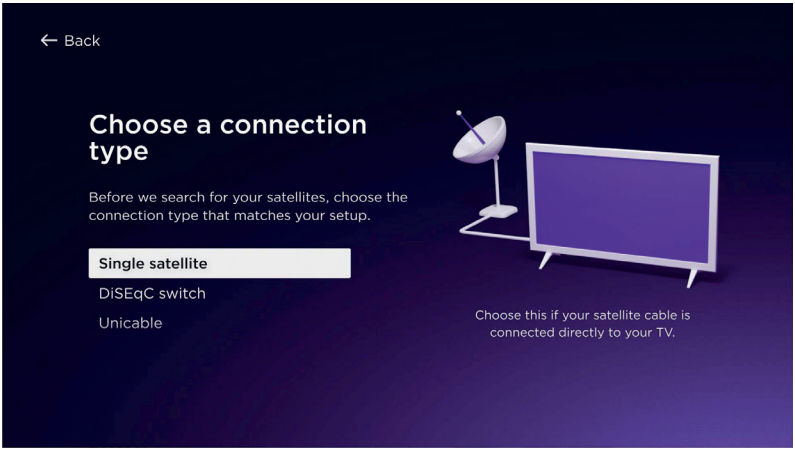
   The **Enter your postcode** screen appears:



4. Use your remote control to select the appropriate letters and numbers, and then select **Next** to proceed.
5. Next, choose an option from the **You're done screen**.

Scanning satellite channels (certain models only)

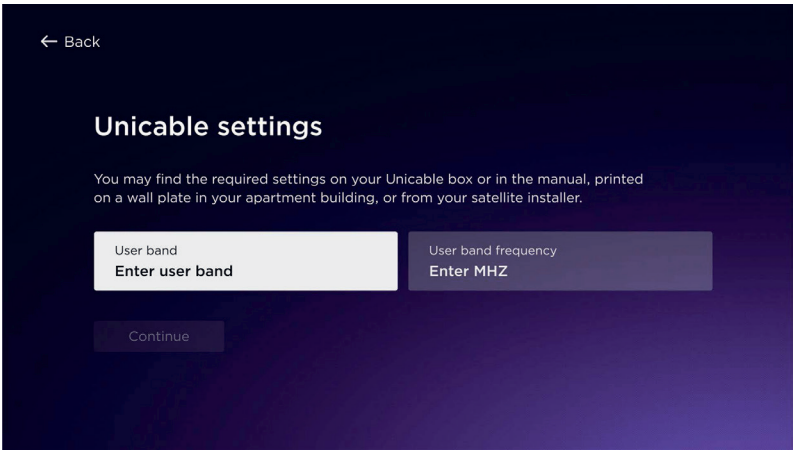
Only on models that have a satellite tuner, if you selected **Satellite** from the **Set up Live TV** screen, the **Choose a connection type** screen appears:



1. Select the option that matches how your TV is connected to your satellite dish.

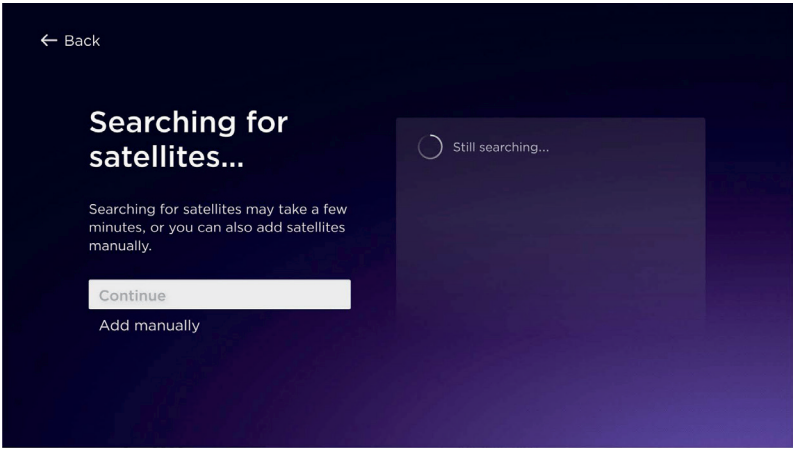
- Choose **Single satellite** if you can receive only one satellite with your satellite dish.
- Choose **DiSEqC switch** if you have a multiple satellite dishes, or an oval dish that can receive more than one satellite.
- Choose **Unicable** if you have a single satellite cable that connects to multiple TVs in your home or building. This configuration is sometimes known as dCSS.

2. Only if you selected **Unicable**, the **Unicable settings** screen appears:



- Select **Enter user band**, and then use the on-screen numeric pad or the number buttons on your Roku remote to enter the user band.
- Select **User bank frequency**, and then use the on-screen numeric pad or the number buttons on your Roku remote to enter the user band frequency.
- Select **Continue**.

3. Press **OK** to begin scanning for satellites. Your TV starts searching for satellites within range, listing satellites it has already found:

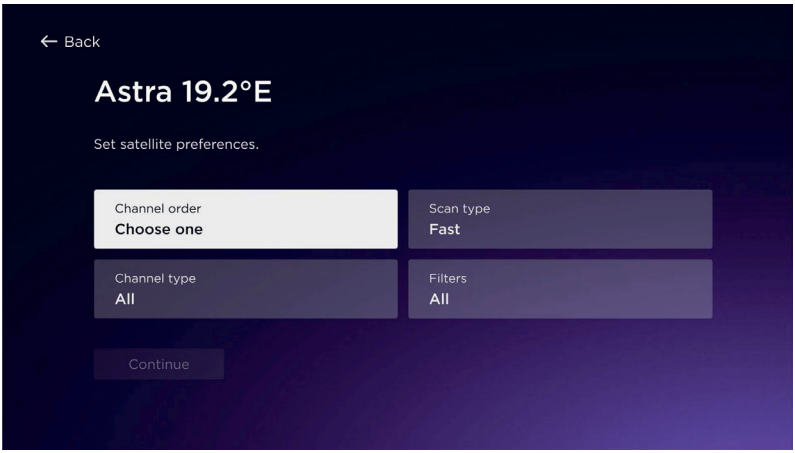


4. If you selected **Single Satellite**, select one of the satellites from the list of satellites found. Highlight the one you want to add, and then press **OK** to add an adjacent check mark.

If you selected **DiSEqC switch** or **Unicable**, select up to four satellites from the list of satellites found. Highlight each one you want to add, and then press **OK** to add an adjacent check mark.

Alternatively, select **Add manually** to add specific satellites from a list regardless of the satellites that the TV automatically found.

5. After you have made your selection, select Continue to proceed.



6. In the **Set satellite preferences** screen, select each of the tiles to configure channel order, scan type, channel type, and filters.

- **Channel order** – Select your preference for the order in which the TV arranges your channels.
- **Scan type**
  - **Fast** quickly builds the channel list with the most common TV channels on the satellite.
  - **Network** follows the Network Information Table (NIT) on the satellite network to build the channel list.
  - **Blind** scans all local oscillator frequencies and adds all channels it can receive in that range. This option takes more time.

  Unless you understand how each of these options work, Roku recommends that you select **Fast**.

- **Channel type** – All, TV only, Radio only. To search for radio and TV stations, select All.
- **Filter** – All, Free. To search only for free programming, select Free. Otherwise, use the default filter, All.

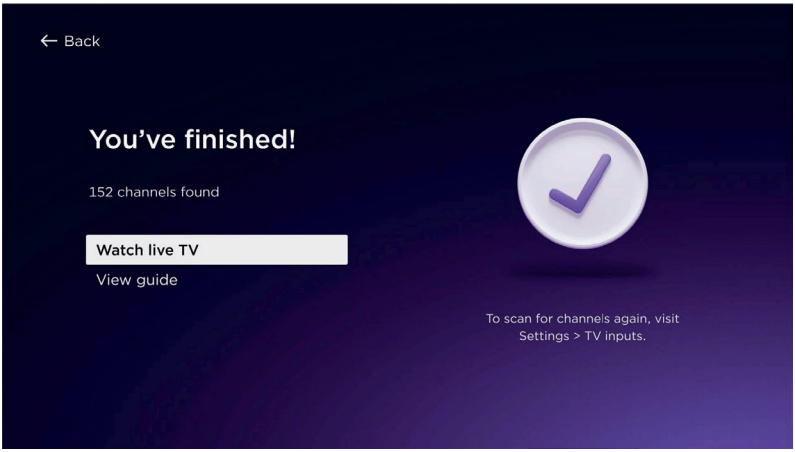
7. Select **Continue**, and then repeat step 4 for each satellites you have added. After you have specified settings for each of your selected satellites, selecting **Continue** starts the channel scanning process.



8. When scanning is complete, choose an option from the **You're done screen**.

You're done!

When the TV finishes an aerial or satellite channel scan, the following screen appears:



Select an option from the list:

- **Watch live TV** – switch to the Live TV app and start watching the channels you scanned. See Watching live TV channels.
- **View guide** – Takes you to the programme guide.

Live TV watching tips

Now, you're ready to watch live TV! While you're watching, try the following tips:

- Press **GUIDE** to display the programme guide, and then use the directional pad to navigate through the guide. Press **CH-** or **REWIND ◀◀** / **CH+** or **FAST FWD ▶▶** to jump through the guide a page at a time.

- While in the programme guide, press **OK** to tune to the highlighted channel (if you are viewing programmes that are on now).
- While watching a TV programme, press **OK** to display information about the current programme.
- Press **STAR** ✱ to see options for picture and sound settings.

- Press Freely to go to the Freely app, where you can view on-demand and live programmes and catch up in the available on-demand channels.
- Use the Roku mobile app, Google Assistant or Amazon Alexa to search for programmes by title, actor, director, or genre. The TV or the Roku mobile app displays the results along with the streaming channels that offer the requested content.

USING YOUR TV

This section provides information on using the day-to-day features of your TV.

Standby mode energy savings

When you turn off your TV, it remains in a higher power mode for a few minutes, after which it goes into a very low-power standby mode. If you turn on the TV again before it has entered the very low-power mode, it turns on immediately. After the TV goes into the lower power standby mode, it takes a few seconds longer to start up.

Watching live TV channels

Select the **Live TV** input on the Home screen. Your TV remembers the last channel you watched and starts with that channel playing.

Changing channels

To change channels, you can do any of the following:

- Press **CH+** to change to the next higher channel.
- Press **CH-** to change to the next lower channel.
- Use the number keys to enter the channel number you want to watch.
- Press **GUIDE** to display the programme guide, and then use the purple directional pad to select the channel or programme you want to watch.
- Within the programme guide, press or **CH-** or **CH+** to move up or down five channels at a time. Hold the button down to auto-repeat.
- Within the programme guide, press **REWIND** ◀◀ or **FAST FWD** ▶▶ to move through the guide one day at a time. Press ↶ **REPLAY** to jump back to the current time in the programme guide.
- When you've highlighted the channel or programme you want to watch in the programme guide, press **OK**.

• While watching a TV programme, press ↶ **REPLAY** to jump to the previous channel. Press again to return to the channel you were watching before you pressed ↶ **REPLAY** . If you have enabled Live TV Pause, use ↶ **REPLAY** to jump back a few seconds in the programme.

Programme guide

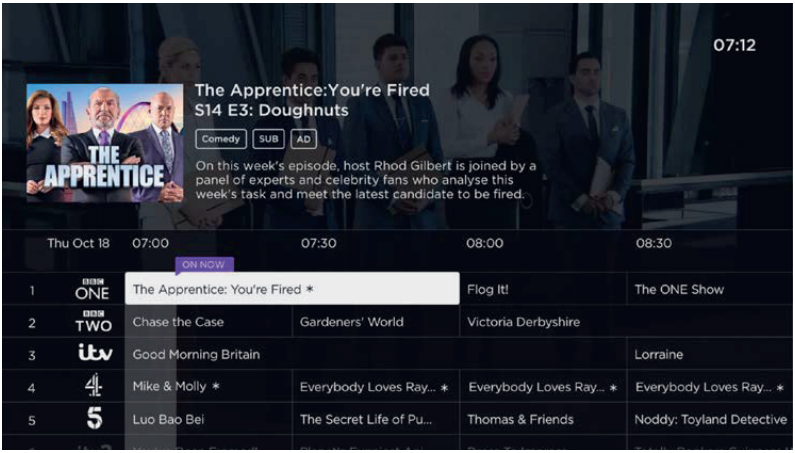
Use the programme to find TV programmes received through the TV tuner. The programme guide lets you scroll through all TV channels. You can see all the programmes from today and from the previous and upcoming seven days.

Press **GUIDE** at any time to open the programme guide.

The ability to select programmes that have already aired during the previous week enables you to catch up on missed films or episodes.

As you navigate, notice that the programme guide shows a light grey background for programmes and portions of programmes that have already aired. It shows a black background for programmes and portions of

programmes that have not yet aired. The line dividing these two zones is the progress bar.



Typical programme guide

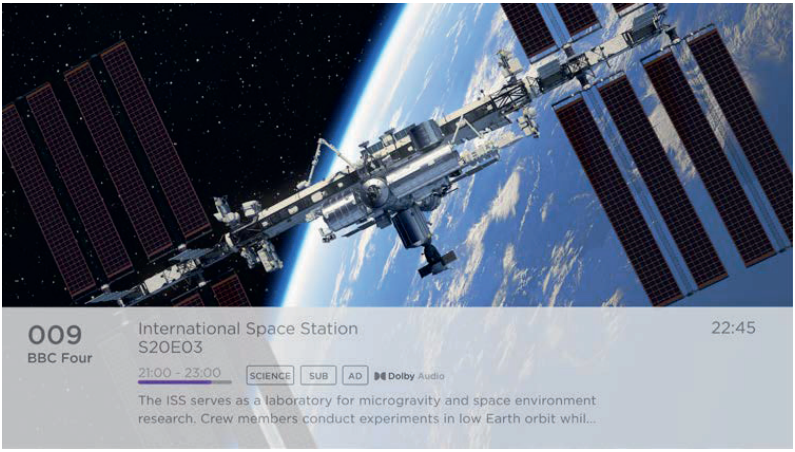
Navigating the programme guide

- To switch to a programme that is currently in progress, highlight it and then press **OK**.
- To return to the current time after navigating to a different time slot, press ⟲ **REPLAY** .
- To return to the currently airing programme without changing the current channel, press **BACK** .
- While using the Programme Guide, navigate all the way to the left so that a channel number is highlighted, and then press ✱ **STAR** to open the **Channel options** panel.

Viewing programme information

Press **OK** to view programme information in a banner at the bottom of the screen.

The following illustration shows the information that is available:



Programme information banner

This banner shows the channel number, station name and signal strength, programme title, episode name and number and time graph. It also includes content information such as rating, resolution, audio format and more.

Adjusting settings while watching a programme

Press ✱ **STAR** to display the **TV settings** menu. Press **UP** or **DOWN** to highlight an option, and then press **LEFT** or **RIGHT** to change the setting. The topic Adjusting TV settings explains each of the settings in detail.

Pausing live TV

Only on certain models, Live TV Pause gives your Roku TV the ability to pause, play, fast forward and rewind broadcast TV. You can pause TV for up to 90 minutes.

Requirements

To use this feature, you need to:

1. Connect your TV to a Roku account. If you didn't connect during Guided Setup, see Connecting your TV.
2. Provide your own USB flash drive (thumb drive) with the following minimum specifications.

   - 16 GB
   - 15 Mbps read/write speed
   - USB 2.0 compliant

   A USB flash drive (thumb drive) meeting the minimum requirements is highly recommended over an externally powered hard disk drive. Note that you can use any larger size drive – there is no limit to the maximum size – but using a larger drive does not extend the 90-minute pause time.

   Important: After warning you and giving you a chance to cancel Live TV Pause set-up, all existing content on your USB drive is erased when you enable this feature.
3. Connect your USB drive to the TV's USB port.

   Important: Some TV models have more than one USB port. You can connect your Live TV Pause USB drive to any port, but make sure that nothing is connected to other USB ports while enabling Live TV Pause. Reconnect other USB devices after you have finished enabling Live TV Pause.
4. Enable Live TV Pause, as explained in the following topic.

Enabling Live TV Pause

You can start setting up Live TV Pause in any of the following ways:

- After completing a channel scan, select **Set up Live TV Pause** from the available options.
- Press **PLAY/PAUSE** ⏯ on the Roku remote while watching a live TV channel.
- Highlight the Live TV input on the Home screen, press ✱ **STAR**, and then select **Enable Live TV Pause**.

After starting set-up of Live TV Pause in any of these ways, the TV prompts you through the steps needed to enable this feature. Set-up takes only a few moments.

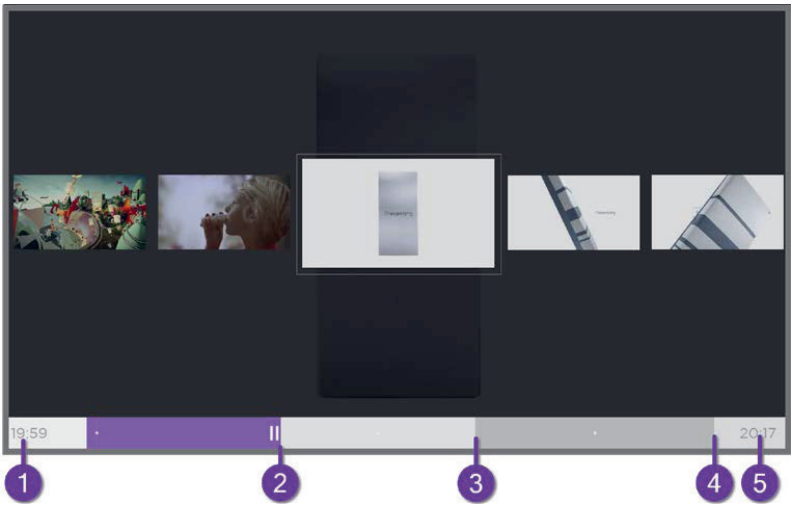
Note: Use of a USB hub is not supported.

Using Live TV Pause

If you have used the Roku remote to watch streaming channels, using Live TV Pause should be very familiar to you.

- While watching a TV programme, press **PLAY/PAUSE** to pause or play the content. After the TV programme has been paused for 90 minutes, the TV resumes playing from the point in the programme where you paused it.
- After watching a channel for a while, press **REWIND** ◀◀ to jump back to the point where you first started watching the channel; up to 90 minutes.
- After pausing or rewinding, press **FAST FWD** ▶▶ to jump ahead to the point where you are once again watching the live TV programme.
- Press **FAST FWD** ▶▶ or **REWIND** ◀◀ repeatedly to cycle through 1x, 2x and 3x skip speeds. Press ↶ **REPLAY** to play back the last several seconds of the programme.
- When the programme is paused, press **LEFT** or **RIGHT** to move backwards or forwards through the programme; approximately 10 seconds per press. Small frames appear across the screen to identify your location in the programme.

Whenever you use any of the Live TV Pause features, the TV momentarily displays a progress bar:



1. Time at the current playback position.
2. Current playback position.
3. Extent of pause time, representing the amount of time this channel has been buffered, up to 90 minutes.
4. 90-minute mark, representing the maximum extent of pause time.
5. Current time.

The progress bar also displays tick marks at each half hour point, to help you locate the boundaries of where one programme ends and a new one begins.

Notes about Live TV Pause

- You can use Live TV Pause only with broadcast channels received through the TV's **SAT IN** input.
- Changing channels erases and restarts the Live TV Pause buffer.
- Returning to the Home screen, selecting another input or turning off the TV erases and resets the Live TV Pause buffer.
- Disconnecting the USB drive erases the Live TV Pause buffer.

Switching TV inputs

Switch TV inputs to access the device connected to that input; for example, a Blu-ray™ player. Switching inputs is as easy as highlighting the input on the Home screen and pressing **OK**. The video signal on the input, if any, plays on the screen.

Auto-detecting devices

Your TV automatically detects when you connect a new device to an **HDMI** input and turn on its power. The input is automatically added to the Home screen if it isn't already present.

Adjusting audio/video settings

While watching video content on any input, press ✱ **STAR** to display the **TV settings** menu. Press **UP** or **DOWN** to highlight an option, and then press **LEFT** or **RIGHT** to change the setting.

Setting preferred audio language for streaming channels

You can select the preferred language for the audio played by streaming channels. If the selected language is available in the streaming content, the TV plays that language.

To set the preferred audio language:

1. From the Home Screen Menu, navigate to **Settings > Audio > Audio preferred language**.
2. Press **RIGHT** to highlight one of the languages.
3. Press **UP** or **DOWN** to highlight the language you want to use.
4. Press **OK**.

Note: Many streaming channels have an option to select the language while you are watching a programme. The **Audio preferred language** setting sets the default for that option.

Using Roku Voice commands

Roku Voice commands make it fast and easy to control your TV and find entertainment with simple voice commands like "show me comedies". Control your TV with commands like "switch to game console" or "watch channel seven". Use the Roku mobile app or a compatible smart speaker to speak commands. When using a smart speaker, add "on my Roku" or, for example, "on my bedroom Roku" to the end of the command.

To learn what commands to use, watch for hints that appear at appropriate times. For example, if you are in the **TV settings** menu with the **Sleep timer** command highlighted, a hint might appear explaining how to use a Roku Voice command to set the sleep timer. You can use a Roku Voice command at any time, without first calling up a menu.

- See what's on TV. Say "Show Guide".
- Jump to a specific channel. Say "Go to seven" to open Live TV on channel 7. Or say, "Sky News". If there are multiple sources of a channel, you'll see a panel where you can choose the one you want.
- Launch streaming channels, switch inputs or change live TV channels. Say, "Go to Netflix" to open Netflix.
- Set sleep timers. For example, say "Turn the TV off in 30 minutes" or "Go to sleep at twenty-two hundred".
- Only on 4K TVs, say "Show me 4K films" to see a list of 4K films available across participating streaming channels.
- Use Roku Voice to make entries in a variety of on-screen keyboards. Keyboards that support voice entry have a microphone icon next to the input field. You can say letters, characters and numbers for an easy way to enter the required information. The TV displays helpful hints at appropriate times to provide guidance.
- Use voice commands to turn the display off (for enjoying streaming music), turn subtitles on or off and to replay the last few seconds of a film or TV programme.
- Control Roku Media Player to play your personal music and show films and photos. Say commands like, "Play classic rock on Roku Media Player", "Skip ahead 20 seconds" or "Play the next song".

Using Apple Home with Roku TV

Ask Siri on your Apple device to control your Roku TV with just your voice. Say things like "Hey Siri, play jazz on the living room TV" to play music from your iPhone, iPad, Apple Watch, HomePod Mini or Mac on your Roku TV.

Roku TVs also support Apple HomeKit, which allows you to easily and securely control your Roku device while using the Home app or Siri. After installing your Roku TV, set it up with just a few simple steps within the Apple Home app. You can even create your own custom automations and scenes that include HomeKit-enabled accessories, such as your Roku TV, to control your home setting. For more information, see Apple Home app. For details about what Apple HomeKit controls are available with your TV, see the Roku support article, How to use AirPlay and HomeKit with your Roku® streaming device.

Using Google Home with Roku TV

Use Google Home, Google Pixel phone or the Google Home mobile app to control your Roku TV. You can search for films and TV programmes, launch most channels, control playback, adjust the volume, switch inputs, turn the TV on and off and more. Control multiple Roku devices by including the location of the device in your commands. For example, say "Hey Google, turn off Roku in the bedroom". For information on linking and controlling your Roku TV, see the Roku support article, How do I use Google to control my Roku® streaming device?

Using Amazon Alexa with Roku TV

Use Amazon Echo Dot, Echo Plus, Echo Show or the Amazon Alexa mobile app to control your Roku TV. You can search for films and TV programmes, launch most channels, control playback, adjust the volume, switch inputs, turn the TV on and off and more. Control multiple Roku devices by including the location of the device in your commands. For example, say "Hey Alexa, pause Roku in the living room". For information on adding the Alexa

Roku skills and controlling your Roku TV, see the Roku support article, How do I use Amazon Alexa to control my Roku® streaming device?

Playing content from USB storage devices

Use Roku Media Player to play personal music, videos and photo files from a personal USB flash drive or hard disk connected to the TV's USB port.

To use this feature, make sure that your media files are compatible with Roku Media Player. To see the latest list of supported formats, view Help in the Media Player. Roku Media Player only displays supported file types, and hides file types that it knows it cannot play.

Note: If you do not see Roku Media Player on your Home screen, it might have been uninstalled. You can reinstall it from the Roku Store by using the Streaming Channels menu option.

Auto player launch

You can set your TV to automatically open Roku Media Player when you connect a USB drive with a recognisable file system (such as FAT16/32, NTFS, HFS+ or EXT2/3).

To configure this setting, from the Home Screen Menu, navigate to **Settings > System > USB media**. Choose from the following options:

- **Auto-launch** – Select **Prompt**, **On** or **Off**, as desired.
  - **Prompt** – (default) Display a prompt each time a recognised USB drive is connected. The prompt provides options to launch Roku Media Player as well as to change future auto-play behaviour.
  - **On** – Always launch Roku Media Player whenever you connect a recognised USB drive.
  - **Off** – Never launch Roku Media Player automatically.
- **Launch channel** – Select the app you want to use to play back media files.

Playing content from local network media servers

Roku Media Player can play personal video, music and photo files from a media server on your local network. Media servers include personal computers running media server software, such as Plex or Windows Media Player, network file storage systems that have built-in media server software and other devices that implement the specifications of the Digital Living Network Alliance. Some servers do not fully implement the DLNA specification but are UPNP (Universal Plug and Play) compatible. Roku Media Player can connect to them as well.

Some media servers can convert files into Roku compatible formats. Digital Rights Management (DRM)-protected content is not supported.

Setting up a payment method

For channels that allow you to pay through your linked Roku account, you can enter a payment method directly on your TV. Entering a payment method on your TV means that you don't need to go to a computer or mobile device to set up a payment method.

To add a payment method:

1. From the Home Screen Menu, navigate to **Settings > Payment method > Add payment method**.
2. Follow the prompts to update your payment method by selecting one of the listed options.

Note: If you have already set up a payment method on ***my.roku.com***, that payment method is identified here in such a way as not to expose any personal data. You can use this screen to change your payment method, if desired.

3. Select **Save card**, and then press **OK**.

To manage your saved payment method and to see other payment methods, log in to your account at ***https://go.roku.com/pay***.

Opting out of HbbTV

Hybrid Broadcast Broadband TV (HbbTV) is enabled by default, and provides interactive television services over

both broadcast signals and your Internet connection, if any. You can change the following settings by navigating from the Home Screen Menu to **Settings > TV Inputs > Live TV > HbbTV**:

Enable HbbTV – Highlight this option and press **OK** to clear the check box and disable HbbTV.

Do not track – Highlight this option and press **OK** to change the tracking options.

Choose between the following options:

- **Not set** – Your TV will not share your tracking preference with HbbTV apps.
- **On** – Your TV will tell HbbTV apps that you do not want your behaviour tracked. However, whether HbbTV apps honour this setting is voluntary.

USING APPLE AIRPLAY AND THE APPLE HOME APP

Apple AirPlay

AirPlay lets you share videos, photos, music and more from your iPhone, iPad or Mac.

To use AirPlay, your Roku TV must be on the same wireless network as your Apple device[1]. To configure your preferred AirPlay security settings, navigate to Settings > Apple AirPlay and HomeKit from your Roku TV home screen. Depending on the AirPlay settings you select, you may be required to enter a password on your Apple device to initiate an AirPlay session on your Roku TV.

Other AirPlay things to try

- Screen mirroring from an iOS device.
- Screen mirroring from a Mac.
- Using your Roku TV as an extended Mac display.
- Playing synchronised music on multiple AirPlay 2-enabled devices, including Roku TVs.

[1] iPhone, iPad or iPod touch with iOS 12.3 or later. Mac with macOS Mojave 10.14.5 or later.

Apple Home app

Apple HomeKit controls compatible smart home lights, locks, thermostats and other devices, including Roku TVs. The Apple Home app lets you add your Roku TV to your Apple HomeKit ecosystem. You can also interact with HomeKit-enabled devices by using Siri from your iPhone, iPad, Apple Watch, HomePod or Mac.

To enable your Roku TV to work with the Apple Home app:

1. 1. From your TV's Home screen, navigate to Settings > Apple AirPlay and HomeKit.
2. 2. Under HomeKit, select Set Up. Your TV will display a unique QR code.
3. 3. From your Apple device, open the Apple Home app and select Add Accessory.
4. 4. Use the Apple Home app to scan the QR code displayed on your TV and follow the instructions.

Some Apple HomeKit things to try

On your Apple device, say:

- "Hey Siri, play jazz in the living room".
- "Hey Siri, mute the TV in the office".
- "Hey Siri, turn off the TVs in my home".

Add your Roku TV to an Apple Home scene.

Find more ideas at ***https://www.apple.com/uk/home-app/***.

ADJUSTING TV SETTINGS

You can adjust most picture and sound settings while you are watching a programme by pressing ✱ **STAR** to open the **TV settings** menu. There are some additional picture and sound settings in the main **Settings** menu.

Main Settings menu

Use the main **Settings** menu to adjust overall TV settings. Press ⌂ **HOME** to go to the Home Screen Menu, and then navigate to **Settings > TV picture settings**.

You can adjust the following overall TV picture settings from the **Settings screen**:

- **TV brightness** – Provide a better viewing experience in darker or brighter rooms. Increases or decreases the TV's general brightness across all TV inputs.

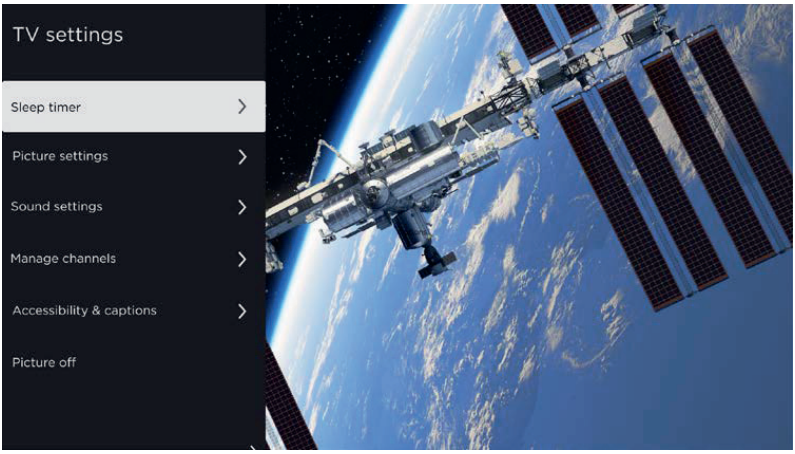
Note: This setting is identical to the TV brightness setting you can access in the TV settings menu while watching a programme.

- **HDR/Dolby Vision notification** – Only on certain models: Controls whether the TV displays a notification in the upper right corner of the screen for a few seconds when HDR or Dolby Vision™ content begins to play.
  - **On** – The TV displays a notification when HDR or Dolby Vision™ content begins to play.
  - **Off** – The TV does not display a notification when HDR or Dolby Vision™ content begins to play.

Tip: You don't have to go to the main **Settings** menu first – you can display an input's **TV settings** menu and adjust its settings whenever you are watching the input by pressing ✱ **STAR**.

TV settings menu

The **TV settings** menu provides settings for controlling the appearance of the picture and the quality of the audio for each TV input. To view the **TV settings** menu, press ✱ **STAR** whenever you are watching a TV input or streaming a video.



TV settings menu

Tip: Some streaming channels assign ✱ **STAR** to a different function or to no function at all), meaning this button will not open the **TV settings** menu. In these cases, use a different channel to configure options. The selected settings remain active for all streaming channels.

Press **UP** or **DOWN** to highlight a setting, and then press **OK** or **RIGHT** to see the options for the setting. You'll see the changes you make right away in picture appearance or audio quality.

Tip: To dismiss the **TV settings** menu, just wait a few seconds without pressing any buttons. Or press ✱ **STAR** again to dismiss the menu immediately.

Sleep timer

Opens the **Sleep timer** menu where you can set a timer that turns off the TV after the specific amount of time. This setting remains in effect even if you stop watching the current input.

Picture settings

The **Picture settings** menu adjusts the appearance of the picture for the active input.

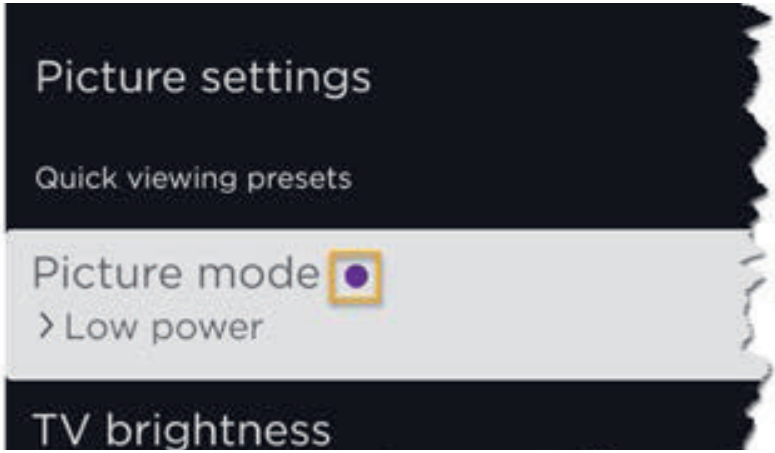
To access picture settings, press STAR ✱ to display the **TV settings** menu, then select **Picture settings**. The options you see vary depending on the programme source.



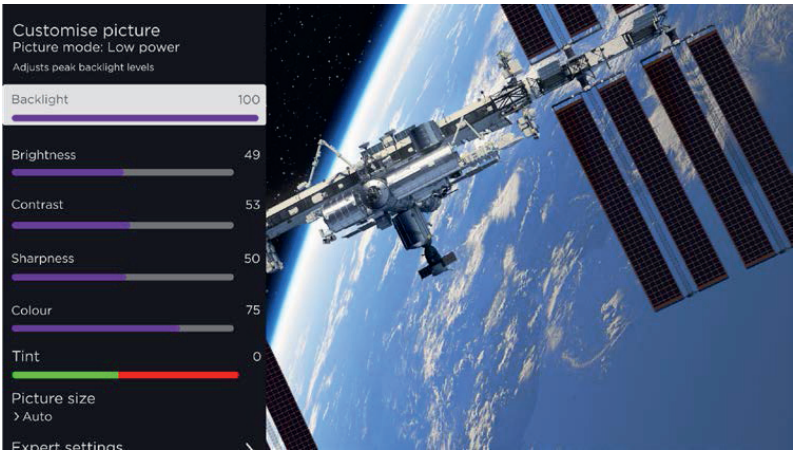
Picture settings menu

- **TV brightness –** Overall brightness of the picture. This setting applies to all TV inputs and is identical to the **TV brightness** setting under **Settings > TV picture settings**.
- **Picture mode –** Picture pre-sets for various viewing preferences. For example, selecting **Vivid** sets **Brightness**, **Contrast**, **Sharpness**, and other values to produce a very vibrant picture. Selecting **Film** changes the settings to produce a picture suitable for enjoying films in a darkened room. However, we recommend that you let the TV decide based on the content you are watching by selecting **Roku Smart Picture**.

Note: If you change the settings of a **Picture mode**, a small purple dot appears to the right of **Picture mode**.



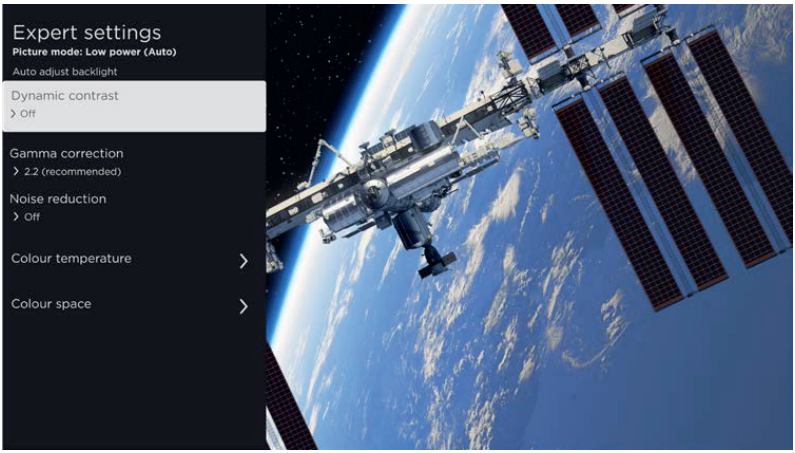
Customise picture menu options



Customise picture menu

- **Backlight –** Adjusts the overall light intensity of the screen.
- **Brightness –** Adjusts the dark level of the picture.
- **Contrast –** Adjusts the white level of the picture.
- **Sharpness –** Adjusts the sharpness of edges in the picture.
- **Colour –** Adjusts the saturation of colours in the picture. A setting of 0 removes all colour and displays a black and white picture.
- **Tint –** Adjusts the colour balance from green to red to obtain accurate colours in the picture.
- **Picture size –** Aspect ratio of the picture, enabling you to view a picture in its original format, or zoom or stretch it to fill the screen. The Auto setting has been found to produce the best picture in most cases.
- **Game mode –** Only on HDMI® and AV inputs: Enables less image processing resulting in less input lag, which improves viewing of action games. Also see **Variable refresh rate (VRR)**.
- **Auto low latency mode (ALLM) –** Only on certain models: Detects when certain game consoles are connected to an **HDMI** input, and then automatically configures the best settings when that input is selected. When ALLM is active, the manual **Game mode** setting is not available. Note that there is no ALLM menu option.
- **Expert settings –** Opens the **Expert settings menu** where you can adjust fine details of picture quality.
- **Reset 'mode name ' settings –** Returns all picture settings for the input's currently-selected **Picture mode** to their original values.
- **Apply settings to all inputs –** Applies the settings you have made in the current **Picture mode** to all TV inputs.

Expert settings menu options



Expert settings menu, typical

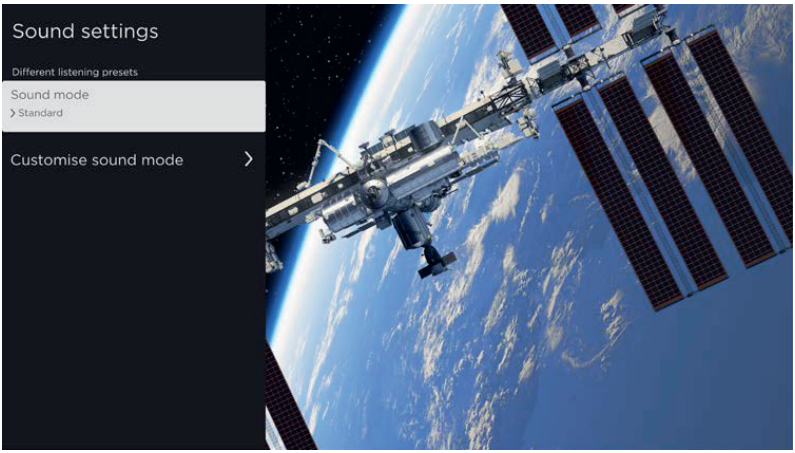
Notes: Certain picture settings vary by brand and model. Not all settings are available on all TVs. Names of certain settings also vary by brand and might differ from the names listed here.

- **Dynamic contrast –** Only on certain models: Automatically adjusts the backlight level to achieve the optimum contrast and prevent excessive differences between light and dark areas of the screen.
- **Local dimming –** Only on certain models. Sets the amount of dimming applied to multiple areas of the screen's backlight intensity. This setting can make dark areas darker without affecting the brightness of light areas.
- **Micro contrast –** Only on certain models. Improves image contrast.
- **Action Smoothing –** Only on certain models. Your model might use a different name for this option. Adjusts the amount of motion processing applied to the video signal. A higher setting results in more smoothing, but can cause undesirable picture artifacts in certain types of content. Each Picture mode has a different default setting.
- **Natural Cinema –** Only on certain models. Your model might use a different name for this option. Reduces "judder" often present when 24 frame-persecond films are upscaled to TV standard frame rates. Natural Cinema mode is On by default in Film and HDR Dark modes, and Off by default in other modes.
- Action Clarity – Only on certain 120Hz models. Your model might use a different name for this option. Reduces blur in fast-moving images such as sports.
- **LED Motion Clarity –** Only on certain models that also have the local dimming feature. Your model might use a different name for this option. Reduces motion blur caused by the screen refresh rate. Enabling this feature inserts black frames between picture frames, providing viewing improvements for fast moving games and sports, but reducing the brightness of the picture. Select Low, Medium, High, or Off to achieve the desired picture quality balance.
- **Gamma correction –** Adjusts how smoothly the picture transitions from black to white, thereby adjusting the contrast of shadows and midtones. Choose from among the listed values to achieve the desired picture quality.
- **Noise reduction –** Adjusts the amount of video noise that the TV filters out of the picture. Choose the setting that produces the best picture according to the type of programme you are watching—typically Off for high quality programmes and one of the other settings for older, low-definition programmes. Using noise reduction in a programme that doesn't need it can result in a lower quality viewing experience.
- **Colour temperature –** Opens the **Colour temperature menu** where you can adjust the overall colour tones in the picture or perform a custom 11 point white balance.
- **Colour space –** Opens the Colour space menu where you can perform an advanced colour space calibration.

Sound settings

The **Sound settings** menu adjusts the sound qualities of the TV. To access sound settings, press ✱ **STAR** to display the **TV settings** menu, then select **Sound settings**.

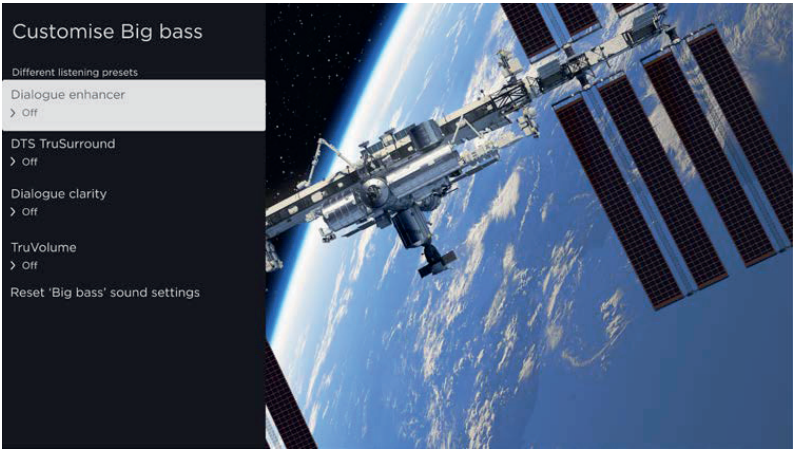
Note: Most sound settings do not affect the sound that you hear from a connected receiver or headphones. Also, the **Sound settings** option is unavailable when you are using the private listening feature through the Roku mobile app or (on certain models) through a Roku Voice Remote or Bluetooth headphones.



Sound settings menu

- **Sound mode** – Pre-set sound modes to make programmes sound their best.
- **Customise sound mode** – Opens the Customise mode name menu, where you can adjust various aspects of the sound according to the features available on your TV model.

Customise Mode name menu options



Typical Customise Mode name menu

Dolby® Audio Processing

- **Virtual surround** – Simulates surround sound. Sometimes the effect interferes with dialogue clarity. Use the **Dialogue enhancer** option to compensate.

- **Dialogue enhancer** – Improves the clarity of speech.
- **Volume levelling** – Smooths out the high and low sounds.
- **Dolby AC-4 Dialogue Enhancement** – Only on certain models: Enhances dialogue in content that supports the AC-4 audio format.
- **Reset Sound mode sound settings** – Returns **Virtual surround, Dialogue** enhancer and **Volume levelling** settings to their default settings for the selected **Sound mode**.

Note: Dolby Atmos® decoding is available only when using the built-in TV speakers. Is not available when using external speakers.

Manage channels

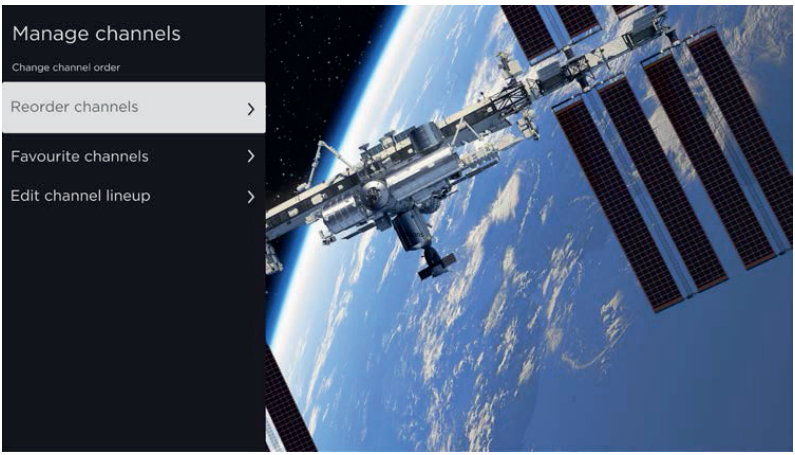
You can designate favourite channels and edit your channel lineup in the **Manage Channels** menu.

Note: On Freely TVs, you can manage channels only for satellite channels, but not for aerial channels.

You can navigate to the Manage Channels menu in several ways:

- From the Home screen menu, navigate to **Settings > TV inputs > Live TV > Manage channels**, and then select **Manage all channels** and press **OK**.
- While watching a live TV programme, press **STAR** ✱ to display the **TV settings** menu, and then navigate to **Manage channels** and press **OK**.

Next, in the **Manage Channels** menu, select **Reorder channels, Favourite channels**, or **Edit channel lineup**.

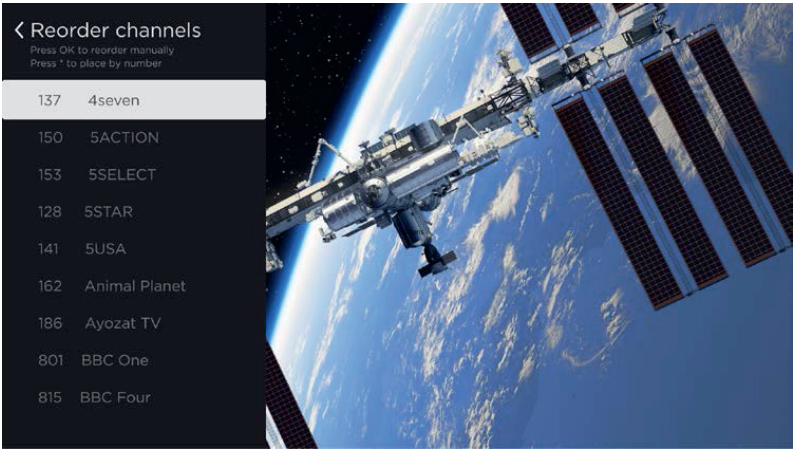


Reorder channels

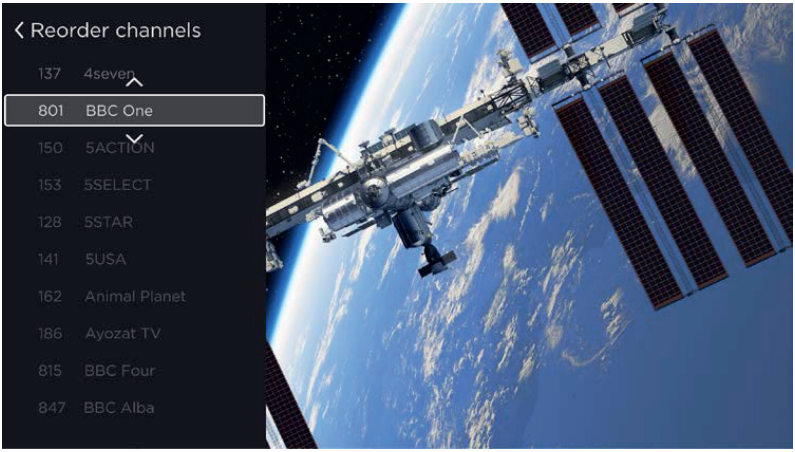
Only on models with satellite tuners and only in satellite channel lists , use the Reorder channels menu to change the order when changing channels and the sequence in which channels appear in the programme guide.

Note: You can reorder channels only in a satellite channel list.

1. Press **UP** or **DOWN** to highlight a channel, and then press **OK** to begin select the highlighted channel. The video and audio of the channel you highlight continues to play throughout the reorder process.



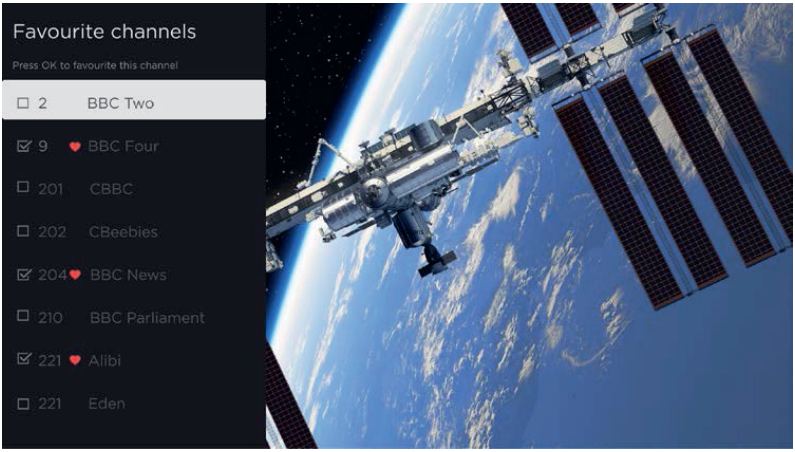
The channel highlight changes to indicate that it can be moved up or down in the list:



2. Press **UP** or **DOWN** to move the highlighted channel in the corresponding direction. Alternatively, use the number buttons on the remote control to quickly move the channel to the specified number.
3. When you have moved the channel to the desired position, press **OK**.
4. Repeat these steps to reorder other channels.

Favourite channels

Use the **Favourite channels** menu to designate any number of channels as your favourites.



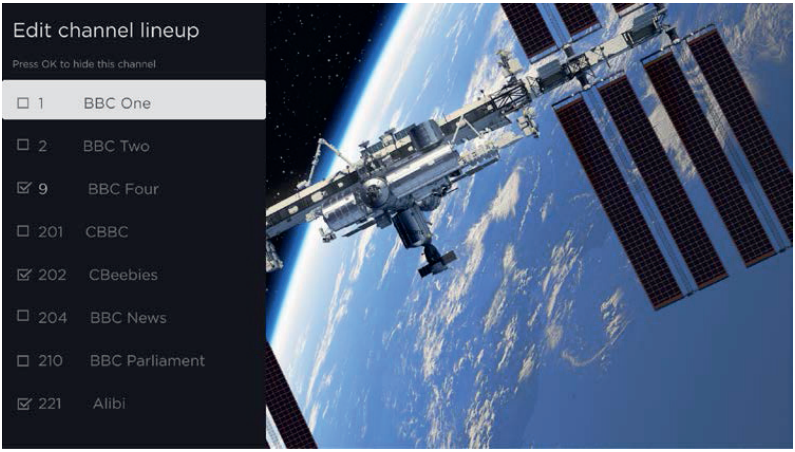
Press **UP** or **DOWN** to highlight a channel, and then press **OK** to select or clear its check box. A **FAVOURITE** ♥ symbol appears next to each channel you designate as a favourite.

Tip: Pause for a few seconds for the TV to tune to the highlighted channel. You then can view and hear the channel to decide whether you want to make it a favourite.

Note: If you've enabled parental controls and the programme on the current channel is blocked, you won't see a picture or hear sound while using the **Favourite channels** menu.

Edit channel lineup

When you scan for channels described in Setting up live TV, the TV adds all the channels with good signals that it can detect in your area. At this point, you might have more channels than you want in your channel list. Use the **Edit channel lineup** menu to hide any channels that you do not want in your channel list.



Press **UP** or **DOWN** to highlight a channel, and then press **OK** to select or clear its check box. Channels with check marks are hidden in the programme guide and cannot be tuned.

Tip: Pause for a few seconds for the TV to tune to the highlighted channel. You then can view and hear the channel to decide whether you want to hide it. If you've enabled parental controls and the programme on the current channel is blocked, you won't see a picture or hear sound while using the **Edit channel lineup** menu.

Accessibility and language

The settings on the **Accessibility & language** menu enable you to change the TV's accessibility settings without leaving the programme you are watching. These settings are also available on the Home Screen Menu under **Settings > Accessibility**.



Accessibility & language menu

Tip: Some streaming channels assign ✱ **STAR** to a different function, meaning this button will not open the **TV settings** menu. In these cases, use a different channel to configure accessibility options.

Accessibility menu settings

- **Subtitles** – Controls when you see subtitles. This setting is only available for broadcast and streaming/media player videos. Any set value remains in effect across these sources.
  - **Live TV** – Set subtitles to off, always on, on only when the TV sound is muted or on only during instant replay (when Live TV Pause has been enabled).
  - **AV input** – Set subtitles to off, always on or on only when the TV sound is muted.
  - **Streaming video channel or media player** – For streaming content that provides subtitles, set subtitles to off, always on, on only when the TV sound is muted or on only during instant replay (for streaming content that supports instant replay). Note that some streaming channels have other methods for turning captions on and off. In these cases, the Subtitles option does not appear on the TV settings menu.
- **Subtitles track** – Selects which subtitle language to display from among those that are provided in the content.

  Note: If you are using a Teletext service that is available in multiple languages, the **Subtitles language** setting controls the Teletext language.
- **Hard of hearing** – Select whether to include descriptions of non-dialogue audio, such as sound effects, within the subtitles. This setting applies only to broadcast TV.
- **Audio description** – Enables audio description and adjusts the volume relative to the TV volume. Choose **Off, Low, Medium** or **High**.
- **Audio language** – Choose from the list of audio languages available in the programme.
- **Screen reader** – Only when **Language** is set to **English**, turn the screen reader on or off. The screen reader is a text-to-speech user interface to help you navigate the Roku user interface. When enabled, it reads out text, menus and other on-screen items.

  Accessibility: If **Screen reader shortcut** is enabled, you can enable or disable the screen reader by pressing the ✱ **STAR** four times in quick succession. (✱ **STAR** is located directly below the purple directional pad on the right side of the Roku remote.)
- **Speech rate** – Select the speed at which the screen reader speaks.

- **Screen reader volume** – Set the volume of the screen reader in relation to the main TV volume.
- **Screen reader pitch –** Select the desired pitch of the screen reader voice.
- **Screen reader shortcut** – Enable or disable the screen reader shortcut feature. When disabled, pressing ✱ **STAR** four times in quick succession does not enable or disable the screen reader.
- **Teletext** – Provides text and graphical news and information in certain markets. Not available in the UK, so option always displays **No service**.

Picture off

Select **Picture off** to turn off the screen while continuing to play the sound. You might want to use this feature when listening to music or podcasts, or at any other time that you do not want to see the TV screen.

When you want to turn the picture back on, press **OK**. Or, if you turn off the TV while the screen is off, it comes on again the next time you turn on the TV.

SEARCHING FOR SOMETHING TO WATCH

Searching for films and programmes across many popular streaming channels is one

of the unique features of your Roku TV.

Keyboard search using the remote

1. Select **Search** on the Home Screen Menu.
2. Use the purple directional pad to navigate the on-screen keyboard, entering a few characters of the search term.

   Each additional character you enter narrows down the search, making the search results more relevant. You'll often see the results you are seeking after entering only a few letters.
3. When you see the programme you are searching for, press **RIGHT** to highlight it. Continue pressing **RIGHT** to see more details about how to watch the programme.

Searching from the Roku mobile app

Use the free Roku mobile app on your compatible mobile phone or tablet to make searching even faster. Use your mobile device's keypad to type more quickly and easily than with the on-screen keyboard on your TV. Or, search by touching **VOICE** and saying the name of the film, TV programme, actor, director, genre, streaming channel or game.

When you use the Roku mobile app to search, search results are shown on your mobile device instead of on the TV screen. When you make a selection from the search results, the TV starts playing the selected programme.

Searching with Google Assistant

Use your Google Home, Google Pixel phone or the Google Home mobile app to search for programmes:

1. Link your Roku account to your Google account using the Google Home mobile app on your iOS or Android device.
2. Start your command with "Hey Google" or "OK Google", and follow the command with "on Roku". Some examples:
   - "Hey Google, show me documentaries on Roku".
   - "OK Google, show me comedies on Roku".

Note: You also can issue commands to control your Roku TV. And, if you have enabled **Fast TV Start** on your TV, you can turn on your TV by saying, "OK Google, turn on Roku".

Searching with Amazon Alexa

Use your Amazon Echo Dot, Echo Plus, Echo Show or the Amazon Alexa mobile app to search for programmes:

1. Link your Roku account to your Amazon account using the Amazon Alexa app on your iOS or Android device.
2. Start your command with "Alexa", and follow the command with "on Roku".

   Some examples:
   - "Alexa, turn up the volume on Roku".
   - "Alexa, show me documentaries on Roku".

Note: You also can issue commands to control your Roku TV. And, if you have enabled **Fast TV Start** on your TV, you can turn on your TV by saying, "Alexa, turn on Roku".

Searching for free content

You'll discover an almost endless list of content through your Roku TV, and much of it

is free. You can easily find free content by including the word "free" in your search.

For example:

- **Roku mobile app** – Say, "Show me free comedies" or "Show me free romance", or simply, "Show me free shows".
- **Google Home, Google Pixel phone or the Google Home mobile app** – Say "OK Google, show me free programmes on Roku" or "Hey Google, show me free documentaries on Roku".
- **Amazon Alexa** – Say "Alexa, show me free mini series on Roku" or "Alexa, show me free dramas on Roku".

USING THE ROKU STORE

From the Home Screen Menu, navigate to **Streaming Channels** option to go to the Roku Store, where you can select new free and subscription based streaming content.

When you find an item you want to add or learn more about, highlight it and press OK to display more details.

- If the content is free, you can select it to start watching it immediately.
- If there is a one-time or recurring fee associated with using the content, you must agree to the terms and conditions, accept the fee and enter your Roku Account PIN to authorise these charges.
- If you already have a subscription to the content – for example, you already subscribe to Netflix or you receive HBO through a cable TV provider – you must complete a different, simple authorisation step to watch it on your Roku TV.

Content availability and pricing are subject to change. Charges may apply to your selection.

Note: If you don't remember your PIN, or if you want to change whether you need to use a PIN to make purchases on your Roku account, see Roku Account PIN.

CUSTOMISING YOUR TV

There are several things you can do to personalise your TV.

Add TV inputs to your Home screen

As you use your TV, you might find that you need to add a TV input that you did not add during Guided Set-up. To add a TV input:

1. From the Home Screen Menu, navigate to **Settings > TV inputs**. Notice that the list of inputs is divided into two sections: **Inputs being used** and **Inputs not used**.
2. Press **UP** or **DOWN** to highlight an input in the **Inputs not used** section of the list.
3. Press **RIGHT** to move the highlight to **Set up input**.
4. Press **OK** to add the input.
5. Press ⌂ **HOME** to return to the Home screen. Notice that the input has been added to the top of the Home screen. If you want to move the input to a different position in the grid, see Rearrange inputs and channels.

Add streaming channels to your Home screen

You can add streaming channels by searching in the Roku Store.

Streaming channels that you add appear at the bottom of the Home screen. If you want to move a channel to a different position, see Rearrange inputs and channels.

Hint: If you have multiple Roku devices, they all show the same set of streaming channels after their next daily update, unless the channel is not compatible with the device. So don't be surprised when you add a channel to your Roku TV and then see it the next day on another of your Roku streaming devices.

Rename inputs

When you connect and power on an HDMI device, your TV identifies it, automatically renames the input and changes its icon to suit the device.

For other inputs, and for inputs whose automatic naming you do not like, you can change the name and icon.

To select a different name and icon for an input, you can either:

- Highlight the input on the Home screen, and then press ✱ **STAR** to display a list of options. From the list of options, select **Rename input**. Then select a new name and icon.

Or

- From the Home Screen Menu, navigate to **Settings > TV inputs**. On the **TV inputs** screen, select the input you want to rename, select **Rename**, and then select a new name and icon from the provided list.

Remove unwanted inputs and channels

If you never use a TV input or if you don't like the streaming channel you added from the Roku Store, you can remove them from your Home screen.

Note: Be aware that if you remove the **Live TV** input deletes your channel list, so you'll have to scan for channels again if you later re-add the input. See Setting up live TV for details.

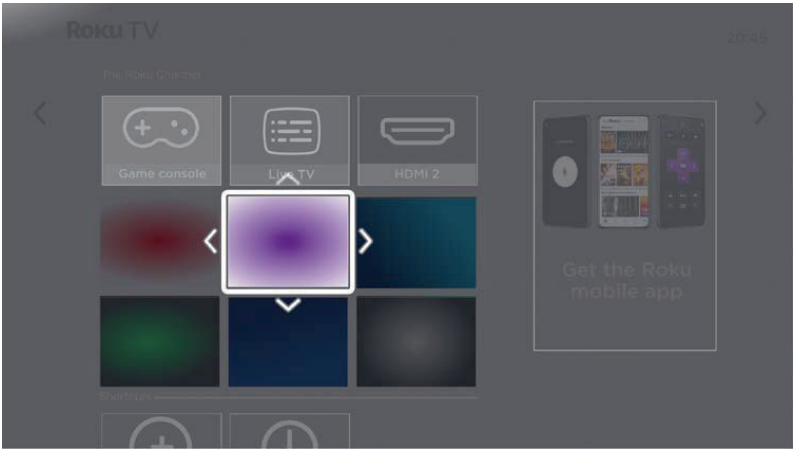
- To remove any item, highlight it on the Home screen, and then press ✱ **STAR** to display a list of options. From the list of options, select **Remove input**. In the screen that follows, confirm you want to remove the input.
- Alternatively, to remove a TV input, navigate to **Settings > TV inputs**. On the **TV inputs** screen, select the input you want to remove, and then select **Remove > Confirm**. Then press ⌂ **HOME** to return to the Home screen.

Rearrange inputs and channels

Adding a TV input adds it at the top of the Home screen. Adding a streaming channel adds it at the bottom of the Home screen.

You can easily rearrange the order of the items on the Home screen to suit your viewing preferences. For example, you might want **Live TV** to be the first item in your Home screen. But if you mostly watch one streaming channel, you might want it to be the first one on your Home screen.

1. On the Home screen, highlight one of the items you want to move.
2. Press ✱ **STAR** to display a list of options for the item you selected.
3. Select **Move input** or **Move channel**. The list of options closes and the highlighted item shows arrows indicating how it can be moved.



4. Use the purple directional pad to move the highlighted item to its new position.
5. Press **OK** to lock the item into its new position.
6. Repeat these steps to move other items until you have arranged your Home screen to your liking.

Change menu volume

Menu sounds are the noises the TV makes to let you know it received your command.

You can change the volume of these menu sounds or turn them off.

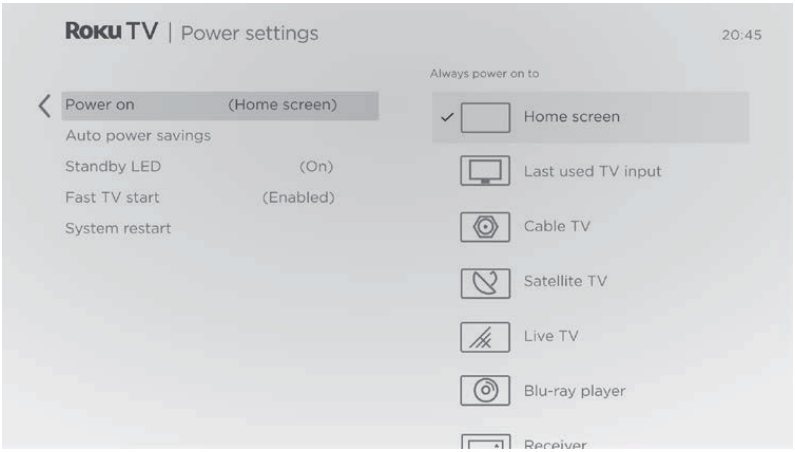
To adjust the menu volume, from the Home Screen Menu, navigate to **Settings** > **Audio** > **Menu volume**. Navigate to the right, and then change the setting to **High, Medium, Low** or **Off**.

Configure power settings

Power settings configure features related to how your TV's power settings work.

Power on settings

Power on settings tell the TV what to do when you turn on the power. To configure the power on settings, from the Home Screen Menu, navigate to **Settings** > **System** > **Power** > **Power on**. Highlight the preferred power on location in the list, and then press **OK**.

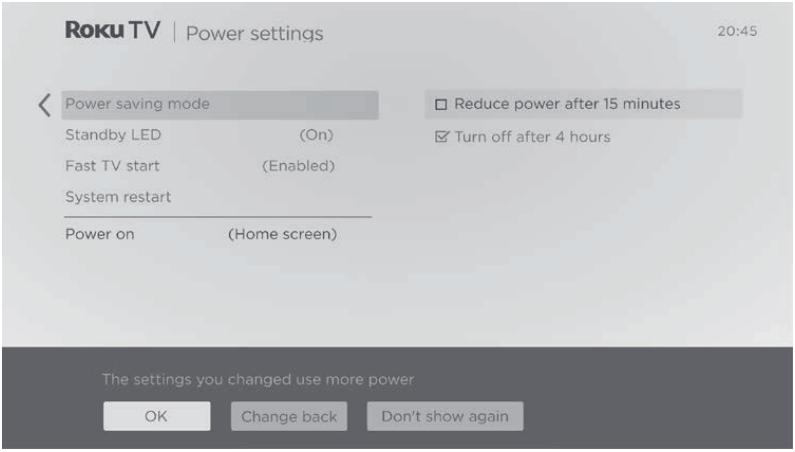


Power saving mode

To help you save energy, your TV can automatically turn itself off after a period of inactivity or a period during which no signal has been detected. It is factoryconfigured to do both of these things, but you can change these settings if needed.

To configure automatic power off, from the Home Screen Menu, navigate to **Settings > System > Power > Power saving mode**. In the Power settings screen, highlight the following options, and press **OK** to turn them on or off:

- **Reduce power after 15 minutes** – If no video or audio activity and no user interaction occur for 15 minutes, the TV automatically turns off the screen and sound.
- **Turn off after four hours** – If no video or audio activity and no user interaction occur for four hours, the TV goes into standby mode.



Standby LED On/Off

Normally, the status indicator is lit whenever the TV is in standby mode. If you prefer the status indicator not to be lit in standby mode, you can turn it off. To do so, from the Home Screen Menu, navigate to **Settings > System > Power > Standby LED**, and then select **Off**.

After making this change, the status indicator still performs all other indication functions.

Fast TV Start

You can enable **Fast TV Start**, which lets you start watching your TV almost instantly after turning it on. **Fast TV Start** also enables other convenient features, such as the ability to listen to certain music channels with the TV screen off, and the convenience of being able to turn on and control your TV using voice commands.

To enable Fast TV Start, on the Home screen, navigate to **Settings > System> Power> Fast TV Start** and select **On**.

Be aware that enabling **Fast TV Start** makes your TV use somewhat more power when it is in standby mode.

Configure accessibility

Accessibility settings enable users with a vision or hearing impairment to use the TV more effectively. Accessibility settings are located under **Settings > Accessibility**.

Audio description

Use the **Audio description** settings to select whether to hear description of the nondialogue action in a programme, and to set the volume relative to the TV volume. Audio description is a service provided in some TV broadcasts that describes what is happening on the screen, to help users who have low or no vision enjoy programmes.

You can choose from among the following options:

- **Off** – No audio description.
- **Low** – Audio description at a low relative volume.
- **Medium** – Audio description at a medium relative volume.
- **High** – Audio description at a high relative volume.

Subtitles mode

The **Subtitles mode** settings specify when subtitles appear. Change subtitles settings from the Home Screen Menu by selecting **Settings > Accessibility > Subtitles mode**.

You can choose among the following options:

- **Off** – No subtitles appear.
- **On always** – Subtitles appear whenever they are available from the programme source.
- **On replay** – Subtitles appear only when you use the replay feature, and only when you are watching a streaming programme that supports instant replay, watching a video through Roku Media Player or watching a TV channel after enabling Live TV Pause.
- **On mute** – Subtitles appear only when the TV is muted.

Tip: You can also change the subtitles mode while watching a programme. Press ✱ **STAR** to display the **TV settings** menu, and then select **Accessibility**. However, note that some streaming channels require you to enable subtitles through a setting within their channel even though you have turned on subtitles elsewhere.

Note: Once enabled, the selected subtitles mode applies to all inputs that support subtitles, and remains enabled until you turn it off.

Subtitles preferred language

Use the **Subtitles preferred language** to select the language in which you want subtitles to appear, when that language is available in the programme you are watching. If your preferred language is not available, then subtitles revert to the default language for the programme, which usually is English.

Highlight the language you prefer, and then press **OK** to select it.

Hard of hearing

For programmes that display subtitles, the **Hard of hearing** setting enables description of non-dialogue audio within the subtitles, helping those with hearing impairment to enjoy the programme.

Access the hard of hearing setting from the Home Screen Menu by selecting **Settings > Accessibility > Hard of hearing**. Choose **On** or **Off**.

Screen reader settings

Screen reader settings help users who are blind or visually impaired to configure the text-to-speech reader, enabling them to operate their TV more easily. The screen reader uses voice prompts that speak volume and channel changes, menu options and setting changes. Access screen reader settings from the Home Screen Menu by navigating to **Settings > Accessibility**, and then set the various options as desired in the **Screen reader** section.

Customise the Home screen

If you prefer to not see certain features on the Home screen, you can hide them. From the Home Screen Menu, navigate to **Settings > Home screen**, and then press **RIGHT**.

Select either **Hide** or **Show** for each of the available options.

Note: The items you can hide or show vary by locale and might change over time.

MORE SETTINGS

This section describes the features and settings of the TV that were not covered in the other parts of this guide.

Network settings

If needed, you can change your network settings at any time. For example, if you change the name of your wireless network (its SSID) or its password, you will need to change your TV's settings so that it can continue to connect.

To change network settings, from the Home Screen Menu, navigate to **Settings > Network**, and then press **RIGHT**. At this point, you can choose from among the following options:

- **About** – Lists important information about your current network connection, such as status, connection type, IP addresses and MAC address. This information is often useful when contacting customer support with connection issues.
- **Check connection** – Select your existing network connection type, and then press **OK** to start checking the network connection. The TV uses your current network information to reconfirm the wireless or wired network connection to the local network and the Internet connection.
- **Set up connection** – Select a network connection type, and then select the option to set up a new connection. Follow the on-screen instructions to complete the network connection. For help with each of the steps, see Network connection.
- **Bandwidth saver** – Enable or disable this feature as appropriate. If **On**, your TV prompts you to stop streaming if you haven't used the remote control within the past four hours. If you do not respond, streaming stops to save your data allocation and increase the network bandwidth available to other devices in your home. Change to **Off** to disable the automatic bandwidth saving feature.

Time settings

You can change time settings to suit your preferences. You can find the following settings by navigating from the Home Screen Menu to **Settings > System > Time**:

- **Sleep timer** – Set a time delay after which the TV will automatically shut off. This setting reflects the setting you can make in the **TV settings menu** from any TV input, as explained in TV settings menu.

  Note: The sleep timer setting is not input specific, and also can be set by using the **Sleep timer** shortcut on the Home screen.

- **Time zone** – Correct time zone information is needed to correctly display programme data. Choose whether to set the time zone automatically or manually, and if set manually, select your current time zone. Usually, a TV connected to the Internet can discover its own time zone automatically, but sometimes a TV that is not connected to the Internet cannot and so must be set manually. Initially, this setting is made when you set up the TV tuner, as explained in Setting up live TV.
- **Clock format** – Choose whether to display time in a 12-hour or 24-hour format, or to turn off time display.

Scan again for live TV channels

There will be times when you need to create a new channel list. For example, you:

- Reposition your TV aerial
- Move to a different city with different channels

Whenever you need to update your TV channel list, you can repeat the channel scan.

To repeat the channel scan, highlight the **Live TV** input on the Home screen, and then press STAR ✱. Next, select **Scan for channels** and press **OK**. After that, the screens and options that appear during this process are identical to those described in How do I set up the TV tuner?

HDMI® mode (4K models only)

On 4K (UHD) TVs, you can independently configure each **HDMI** input to match the capabilities of the connected device. From the Home Screen Menu, navigate to **Settings > TV inputs**, and then select an enabled **HDMI**

input. Next, select **HDMI mode** and then select one of the following settings:

- **Auto (recommended)** – Let the TV determine the best setting. Use this option unless your HDMI® device does not correctly communicate its HDMI® version information.
- **Standard** – Configure the input for compatibility with HDMI® version 2.0, which supports a maximum refresh rate of 60 Hz at full UHD resolution. You must use this mode to view HDR content from the device connected to this **HDMI** input. However, note that many older HDMI® devices do not work correctly when the TV's HDMI input is set to this mode. After enabling this setting, you can optionally turn **Auto low-latency mode** (ALLM) off or on.
- **Compatibility** – Configure the input for compatibility with HDMI® version 1.4, which supports a maximum refresh rate of 30 Hz at full UHD resolution. Most HDMI® devices will work correctly with the TV in this mode.

Control by mobile apps

You can choose the level of control you want to allow your TV to accept from external devices, such as smart phones, tablets and virtual assistants. Device connect settings enable other devices, including the Roku mobile app, to control your TV over the local area network in your home.

To adjust the level of external control access:

1. From the Home Screen Menu, navigate to **Settings > System > Advanced system settings > Control by mobile apps**.
2. Select **Network access**.
3. Select one of the following settings:

- **Default** – Devices can connect only through a private network address, and accept commands only from other private network addresses on your home network. This setting is suitable for most cases, including use of the Roku mobile app on your mobile phone.
- **Permissive** – Devices can connect under all conditions, but accept commands only from private network addresses or the same subnetwork within your home network. This setting might be required when attempting to operate the TV from a third-party application; for example, one of the Internet of Things (IoT) applications, such as ***ifttt.com***.
- **Disabled** – Device connection is completely disabled. The TV does not accept external commands from any source, including the Roku mobile app.

Home theatre configuration

Your TV has several features that make it an ideal TV for a home theatre. But you might not notice them because they remain in the background until you decide to use them.

Controlling audio output

You can control how your TV outputs sound by navigating to **Settings > Audio > Audio output**. Choose from the following options:

- **Auto** – Let the TV decide the best way to output audio. It enables the S/PDIF optical port as well as either HDMI® ARC/eARC or the built-in TV speakers.
- **ARC (HDMI n)** – Always output audio to the indicated HDMI® ARC or eARC port (depending on model). Turn off the built-in TV speakers. The audio return channel (ARC) enables the TV to send Dolby Audio™ or DTS audio content back to a home theatre receiver or Roku Streambar™ that is also sending an audio and video signal into the TV. Using HDMI® ARC or eARC reduces the number of cables needed and controls the volume and mute state of the receiver while watching TV.
- **TV speakers** – Always output audio to the built-in TV speakers.
- **Optical** – Always output audio to the S/PDIF optical port. Turn off the built-in TV speakers.

Regardless of which setting you choose, your TV automatically mutes the active audio output when you do either of the following:

- Plug headphones into the headphone jack on the TV.
- Turn on wireless private listening in the Roku mobile app.

Adjusting audio delay

Soundbars, receivers and other custom audio set-ups can introduce delays that cause the sound to be out of sync with the picture. To correct this issue, you can use a feature of the Roku mobile app to analyse the delay through your mobile phone camera and microphone.

In the Roku mobile app1 Remote screen, touch **Settings**, and then select **Adjust audio delay**. Follow the instructions on the screen to complete the audio delay adjustment. Your Roku TV stores the delay values and uses them whenever you play content through the connected audio device.

Turning off the TV screen while listening to music

While listening to music or other audio-only content on your TV, you might want to turn off the TV screen.

To turn off the TV screen:

1. Press ✱ **STAR** to display the **TV settings** menu.
2. Press **DOWN** to highlight **Turn off display**.
3. Press **OK**.

Factory reset everything

A full factory reset returns the TV's settings to their original state and removes all personally identifiable information from the TV. When finished, you must repeat Guided Set-up, reconnecting to the Internet, relinking your Roku account, and reloading any streaming channels. You also must repeat live TV set-up and input configuration.

Factory reset is the recommended choice if you want to transfer the TV to another owner, and it is the only choice if you want to switch from Shop mode to Home mode (if you inadvertently selected Shop mode during Guided Set-up).

To perform a factory reset, navigate to **Settings > System > Advanced system settings > Factory reset**, and then highlight **Factory reset everything**. Read the information on the screen to make sure that you understand what this reset operation does.

To proceed with the full factory reset, use the on-screen number pad to enter the code displayed on the screen, and then select **OK** to proceed.

When the factory reset operation completes, the TV restarts and displays the first Guided Set-up screen.

What if I can't access the Factory Reset option?

It is possible for your TV to get into a state where you cannot access the various menus, including the menu option that lets you perform a factory reset operation. If that happens, you can force the TV to reset by following these steps.

1. Using a straightened paper clip or ball-point pen, press and hold the recessed RESET button on the TV connector panel.
2. Continue to hold the RESET button for approximately 12 seconds. When the reset cycle completes, the status indicator comes on dim.
3. Release the RESET button. The TV is now powered off.
4. Turn on the TV and proceed through Guided Set-up. See Guided Set-up.

Roku Account PIN

When you created your Roku account, you were given the opportunity to create a PIN code and to specify when it must be used. You can:

- Require that users enter the PIN to make purchases through the TV.
- Require that users enter the PIN to add items from the Roku Store.
- Establish parental controls for The Roku Channel.
- Enable or disable Guest Mode.

Follow these steps if you created a Roku PIN and want to change it, if you don't remember your PIN or if you didn't create a Roku Account PIN and want to add one.

1. Use a web browser to go to https://my.roku.com and sign in.
   After signing in, the **My account** page appears.
2. Under **PIN preference**, click **Update** to open the **Choose your PIN preferences** page.
3. Use the options on this page to create or change your Roku PIN and to specify how the PIN is to be used.
4. Click **Save Changes** to save your changes and return to the **My Account** page.
   Note that your current setting is described under **PIN preference**.

Roku mobile app

Roku makes the Roku mobile app free for compatible iOS® and Android™ mobile devices.

The Roku mobile app is an alternative control centre for your Roku TV, plus a way to stream Roku content while you are on the go. The Roku mobile app helps you find and add new Roku channels, more easily search and find something to watch and even use your voice to search without typing.

Find more information and get the Roku mobile app by using the following link to the Roku website:

go.roku.com/mobileapp

Private Listening on the Roku mobile app

Only on compatible Apple and Android devices, the Roku mobile app enables you to use headphones connected to your device to listen to streaming programmes and broadcast TV channels. Make sure that you have the latest version of the Roku mobile app before using this feature.

For more information, go to the following link on the Roku website:

go.roku.com/privatelistening

Connecting your TV

If you went through Guided Set-up and chose **Connect to the Internet later**, no worries. Your Roku TV makes it easy to connect whenever you're ready. As you move around the Home screen, you'll see several places where you can start the connection process. For example:

- Now and then you'll see a message appear on the panel to the right of the Home screen offering a **Connect Now** option. You can highlight and select the **Connect Now** option to get started.
- Use the **Connect and activate now** option. From the Home Screen Menu, select **Settings**, then **Network**, and then **Connect and activate now**.
- If you want to start over from the beginning, do a **Factory reset**, and then go through Guided Set-up again. This time, select your home network when prompted.

ONLINE MANUAL

For more detailed information and additional instructions, please refer to the Roku TV user manual. You can access the manual by scanning the QR code below or visiting the following link:

https://go.roku.com/tvmanual

SHA/MAN/0577

Sharp Consumer Electronics Poland sp. z o.o.
Ostaszewo 57B, 87-148 Łysomice, Poland

www.sharpconsumer.eu

Discover award-winning soundbars for your new TV

ROKU TV Ready™

- ✓ Simple setup
- ✓ One remote
- ✓ Quick settings



SHARP soundbars and speakers are designed to complement your TV.

Delivering clearer dialogue, deeper bass, and immersive sound for movies, music, and games.

Learn more about SHARP audio range at

sharpconsumer.com/sound