

## Connections and setup

Refer to your TV's Quick Start Guide or other provided documentation to for modelspecific information about attaching the base or a wall mount and making connections to AC power and to your other audio/video devices. The following information applies to all Roku TV models.

### Connecting an antenna, cable, or satellite box

If you are using an antenna, CATV cable without a set-top box, or a cable or satellite box that has only an antenna output, connect a 75-ohm coaxial cable (not provided) from the device to the ANT/CABLE input on the TV.

Tip: If you are using an antenna with a 300-ohm twin-lead cable, you need to use a 300-to-75-ohm adapter (not provided) to adapt the twin-lead cable to a connection that is compatible with the TV's antenna input.

Tip: If you receive your TV stations through a set top box from a cable or satellite TV provider, connect it to the TV using the best connection method available. From most to least desirable:

- HDMI® input – Digital HD and SD video
- AV input – analog SD video
- Antenna input – analog SD video using NTSC

### Connecting external equipment with a composite AV video cable

If the best connection available on your device is AV or composite video output, connect it to the TV using a composite AV cable (not provided). Composite AV cables typically have three RCA-type plugs on each end, color coded as follows:

- Yellow – Video
- Red – Audio, right channel
- White or black – Audio, left channel

Connect each plug to the corresponding connector on the device and on the TV.

Note: Select models have an AV Input that looks like a headphone jack. Use the breakout cable (included) to adapt this input to the three RCA-type plugs on your composite cable.

### Connecting external equipment with an HDMI® cable

- If possible, connect your devices using HDMI® cables (not provided). They help to provide the best video quality and also carry audio signals, so that only one cable is needed. For better picture quality, we recommend that you use cables designated as High Speed HDMI® Cables.

- Tip: You might need to configure the device to send its signal through its HDMI® connector.
- The connector labeled HDMI (ARC) has the additional ability to use the audio return channel to send digital audio to a receiver or soundbar, as explained in [Connecting an AV receiver or digital soundbar](#).
- Only on select models: The connector labeled HDMI (eARC) provides the same functionality as the HDMI ARC connector, plus the ability to pass through full-resolution sound formats such as Dolby Atmos and DTS:X from and to devices that support these formats, without additional processing by the TV. Additional details are provided in [Choosing an audio format](#).

## Connecting headphones or analog soundbar

- You can connect headphones or an analog soundbar (not provided) to the TV's headphone jack.
- Tip: Inserting a plug in the headphone jack disables the sound from the TV's built-in speakers.
- Warning: Loud noise can damage your hearing. When using headphones, use the lowest volume setting on your headphones that still lets you hear the sound.
- Select models also have an audio line out connection that is not affected by TV volume or mute settings and does not disable the TV speakers. Use this connection when you want to use your amplifier or soundbar to control the TV volume. To turn off the TV's built-in speakers, from the Home screen menu, navigate to Settings > Audio > TV speakers and change the setting.

## Connecting headphones to the Roku Enhanced Voice Remote

- Select Roku TVs come with the Roku Enhanced Voice Remote. On these models, you can connect headphones to the jack on the left side of the remote.
- Tip: Inserting a plug in the remote's headphone jack disables the sound from the TV's built-in speakers or attached receiver or soundbar. The volume and mute controls on the right side of the remote adjust the volume level of the connected headphones.
- Warning: Loud noise can damage your hearing. When using headphones, use the lowest volume setting on your headphones that still lets you hear the sound. You might notice that connecting headphones to your remote shortens the remote's battery life somewhat.

## Connecting an AV receiver or digital soundbar

You can enjoy Dolby Audio™ multichannel sound from your TV if you connect a digital amplifier or soundbar (not provided) in either of two ways:

- Digital optical audio out (S/PDIF) – Connect a TOSLINK optical cable (not provided) from the TV to the Optical input on your receiver or soundbar.
- HDMI® ARC – Connect an HDMI® cable (not provided) from the HDMI (ARC) connector to the HDMI® input on your receiver or soundbar. This connection uses the Audio Return Channel (ARC) feature of HDMI® to output sound from the TV to a compatible device. To use this feature, you must configure the TV to enable HDMI® ARC, as explained in Enable HDMI® ARC.
- HDMI® eARC – Select models only: Connect an HDMI® cable (not provided) from the HDMI (eARC) connector to the HDMI (ARC) or HDMI (eARC) input on your receiver or soundbar. If your receiver or soundbar supports HDMI enhanced ARC (eARC), the TV can pass through full-resolution sound from programs containing enhanced audio. If your receiver or soundbar does not support eARC, use the TV's eARC port to make the connection. The eARC port is backward compatible with the ARC standard.



## Preparing for Internet connectivity

- If you want to watch streaming content and take advantage of most of the cool features of your Roku TV, connect it to the Internet through a wireless modem/router or a wireless access point (not provided). The TV has a built-in wireless LAN adapter.
- Note: The TV supports only its internal wireless network adapter—it does not support the use of a USB network adapter.
- Select models also have both wired and wireless network connectivity. To use the wired network connection, connect an RJ-45 Ethernet cable (not provided) from the jack on the back of your TV to your network router or switch. The wired connection automatically supports both 10 Base-T and 100 Base-T Ethernet.





## Roku TV remote

Use the following information to identify the buttons on your Roku remote.

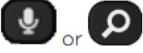



Note: Remote buttons and features vary somewhat by model. Your remote might not have all buttons or features listed.



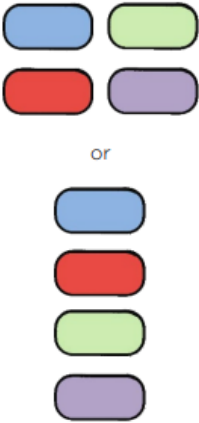
-  If your remote has a VOICE  just below the purple pad, you have a Roku Voice Remote.
- If your remote has a headphone jack on its left edge, you have a Roku Enhanced Voice Remote.







Roku voice remotes have additional capabilities as noted in the following table.

BUTTON	FUNCTION	DESCRIPTION
	POWER	Turns TV on and off.
	BACK	<ul style="list-style-type: none"> <li>• Menu: Goes back to previous menu/screen.</li> <li>• Home screen tile: Moves highlight back to the Home screen option.</li> <li>• Watching live TV or a TV input: Returns to Home screen.</li> <li>• Playing streaming content: Stops playing stream and returns to the previous menu or screen.</li> <li>• Browsing streaming content: Goes to the previous level in the content tree.</li> </ul>
	HOME	Immediately returns to the Home screen.
	DIRECTIONAL PAD	<ul style="list-style-type: none"> <li>• Moves the highlight in the corresponding direction.</li> <li>• <b>OK</b> chooses the highlighted option.</li> </ul> <p>While watching TV:</p> <ul style="list-style-type: none"> <li>• <b>UP/DOWN</b> changes channel.</li> <li>• <b>LEFT</b> displays the channel list.</li> <li>• <b>LEFT/RIGHT</b> While displaying the channel list, switches between ALL CHANNELS and FAVORITE CHANNELS, and pressing <b>OK</b> selects the highlighted channel.</li> </ul> <p><i>If Live TV Pause is enabled:</i> when the program is paused, moves backward/forward approximately 10 seconds in the program buffer.</p> <p>While watching live TV: displays the program information banner.</p>



BUTTON	FUNCTION	DESCRIPTION
	<b>VOICE or SEARCH</b>	<p><i>Only on select models with Roku voice remotes, hold and say the name of a movie, TV program, actor, director, or genre, including the special genres “free” and “4K.” Or, say a command to start streaming, change a channel, and more<sup>1</sup>.</i></p> <p>For more information, go to:  <a href="https://go.roku.com/voicesearch">go.roku.com/voicesearch</a></p>
	<b>INSTANT REPLAY</b>	<p><i>Select models.</i> Streaming programs that support this feature and TVs with Live TV Pause enabled, jumps back a few seconds with each press and resumes playing.</p> <p>If Live TV Pause is disabled, jumps to previous channel.</p> <p>When using an on-screen keyboard: Backspaces in the text you are entering.</p>
	<b>◀◀ REWIND</b> <b>▶▶ PLAY/PAUSE</b> <b>▶▶▶ FAST FWD</b>	<p>Scan backward, pause, play, and scan forward in streaming content and live TV channels (if Live TV Pause is enabled).</p> <p>Press <b>REWIND ◀◀</b> or <b>FAST FWD ▶▶▶</b> one, two, or three times to control the speed of the operation.</p> <p><b>REWIND ◀◀</b> and <b>FAST FWD ▶▶▶</b> also jump backward and forward one screen at a time when viewing long lists, such as when you are browsing in the channel list.</p>
	<b>STAR</b>	<p>Displays additional options when available. On-screen hints let you know when this button is active.</p>

BUTTON	FUNCTION	DESCRIPTION
	<b>GAME MODE</b>	<p><i>Only on HDMI and AV inputs on select models.</i> Displays a banner showing whether Game mode is on or off, or "Not available at this time." Subsequent presses toggle Game mode. When <b>On</b>, the TV performs less image processing and has less input lag, producing a better experience with action games.</p> <p><i>Select models.</i> Auto Low Latency Mode (ALLM) detects certain game consoles connected to an HDMI input and automatically switches to the best settings for action games. When ALLM is active, the manual Game mode setting is unavailable.</p> <p><i>Select models.</i> Variable refresh rate (VRR) allows a compatible game console or computer to control the refresh rate of the TV. The result is smoother image animation with a lower instance of stutter or tearing.</p>
	<b>SLEEP</b>	<p><i>Select models.</i> Displays a banner showing the remaining sleep time, if any, or "Sleep timer is off." Subsequent presses cycle among the preset sleep time intervals. Once set, the sleep timer remains in effect unless you cancel it.</p>
	<b>FACTORY ASSIGNED CHANNEL SHORTCUT</b>	<p>Dedicated buttons show the logo of a preset streaming content provider. Dedicated content providers vary by model and region. Pressing a button:</p> <ul style="list-style-type: none"> <li>Displays the streaming channel's main page if you have already added the channel to your Home screen.</li> <li>Displays the streaming channel's sign-up page if you have not already added the channel.</li> </ul>

BUTTON	FUNCTION	DESCRIPTION
	 <b>UP</b>  <b>DOWN</b>  <b>MUTE</b>	<p>Located on the right edge of the remote. Increases/decreases volume and mutes the TV sound.</p> <p><b>Note:</b> <i>If the TV is muted, pressing <b>VOLUME UP</b> unmutes. Pressing <b>VOLUME DOWN</b> does not unmute the sound.</i></p>
	 <b>HEADPHONE</b>	<p><i>Select models with Roku Enhanced Voice Remote.</i> Connect headphones to the jack on the left edge of the remote to listen privately. Plugging in headphones mutes the TV speakers.</p>

## Guided Setup

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 Setup, which configures the TV before you start to use it.

During Guided Setup, 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 Setup

To start Guided Setup, press POWER  on the remote to turn on your TV.

Note: Guided Setup normally runs only once, the first time you turn on your TV. If you need to run Guided Setup again, you must perform a factory reset as explained in [Factory reset everything](#).

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

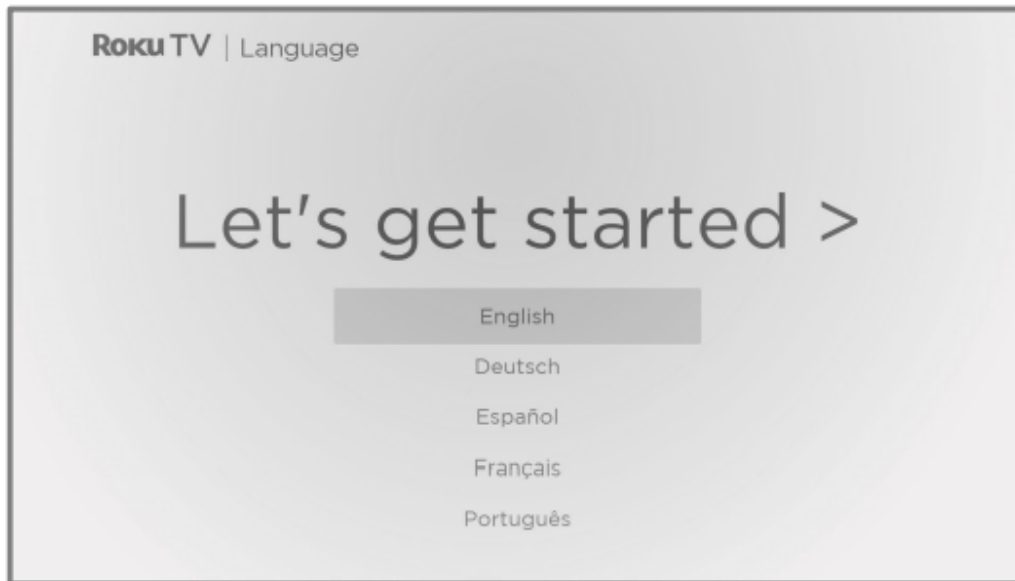
1. The status indicator blinks every time the TV is busy doing something; in this case it's powering up and getting ready for you.
2. The splash screen appears and the status indicator blinks slowly for a few more seconds. The power-on screen shows a brand logo while the TV starts up.





3. After a few seconds, Guided Setup starts.

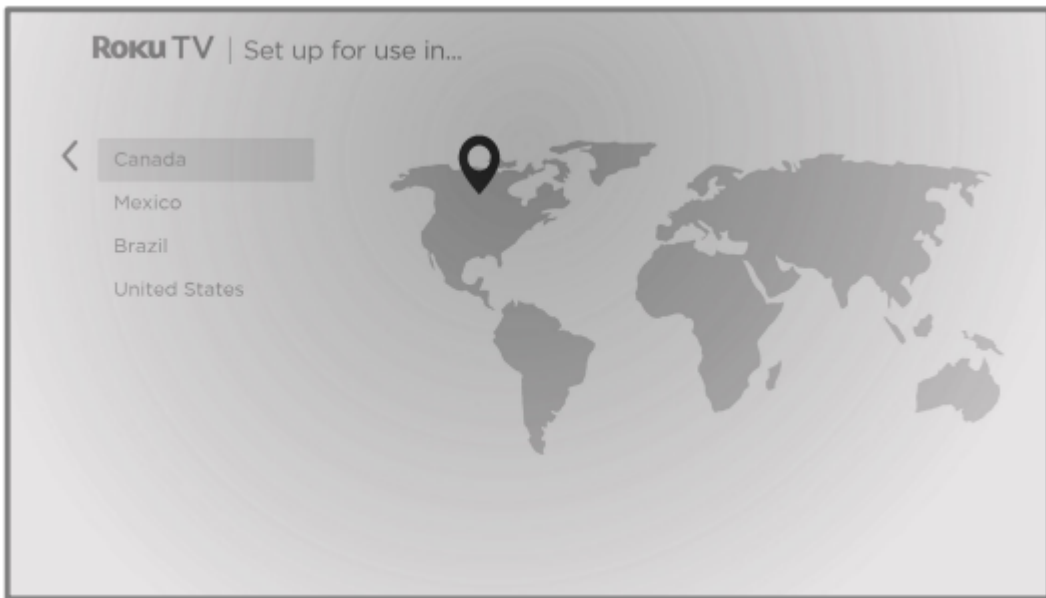
## Guided Setup

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



1. Only on models that have a Roku Voice remote: A few moments after the Let's get started screen appears, Guided Setup starts the pairing process for the Roku Voice remote. (You'll know if you have this type of remote because it has a VOICE  or SEARCH  button just below the purple directional pad.) If the Roku Voice remote does not pair automatically, follow the instructions on the screen to complete the pairing process.
2. Press DOWN on the purple directional pad to highlight your preferred language, and then press OK.

3. Some models have a country selection screen: If you don't see this screen, skip ahead to the next step. If you see this screen, select your country, and then press OK.



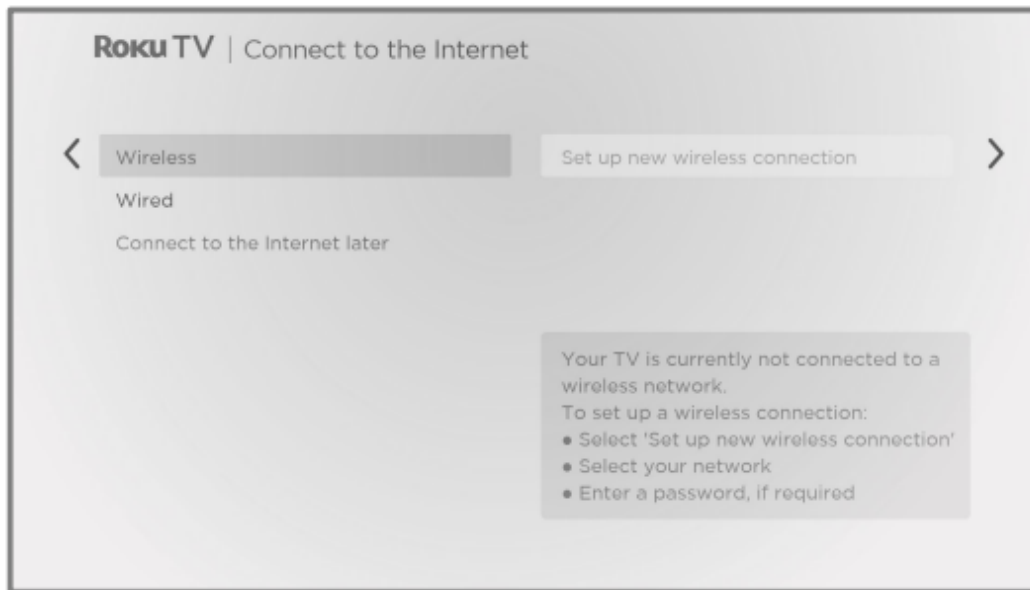
4. Press OK to select Set up for home use. This is the right choice for enjoying your TV at home. It provides energy saving options as well as access to all features of the TV



Note: Set up for store use configures the TV for retail display and is not recommended for any other use. In store mode, some features of the TV are missing or limited. To switch from one mode to the other, you have to perform a factory reset as explained in [Factory reset everything](#), and then repeat Guided Setup.

### **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.



5. 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 setup. 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 Setup.
- Connect to the Internet later – If you don't want to connect to the Internet right now, you can select this option, and then press OK. You can then use the TV to watch live TV channels, and connect your devices to play games, watch DVDs, or watch channels from a cable box or another streaming device. When you're ready to connect, it's easy. We'll show you how in Benefits of connecting.

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

6. On models that have wireless only, and models with both wired and wireless when 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 neighbors.



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

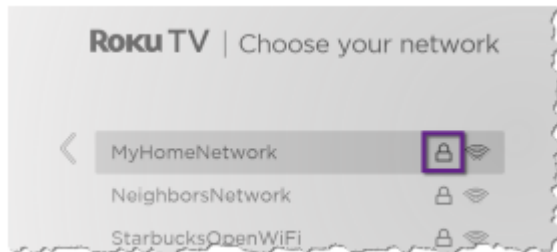
Note: Some networks, such as those often found in dorm rooms, hotels, and other public places, require you to read and agree to terms, enter a code, or provide identifying information before letting you connect to the Internet. If your Roku TV detects that you are connecting to such a network, it prompts you through the connection process using your smartphone or tablet to provide the needed information. For more information, see [Using your TV in a hotel or dorm room](#).

#### Other options

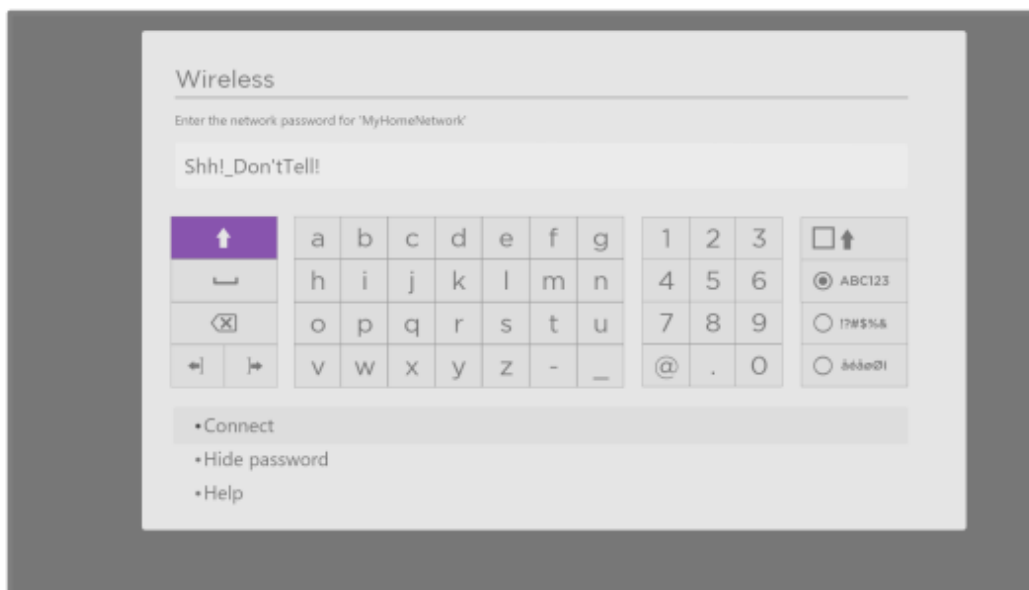
- Scan again / Scan again to see all networks – The name of this option depends on the number of wireless networks within range.
  - Scan again appears if the list already shows all available wireless networks within range. If you don't see your wireless network name in the list, you might need to adjust 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 if there are more wireless networks than the strongest ones it 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



7. Only if you select a password protected wireless network: An on-screen keyboard appears. Enter your wireless network password by using the directional keypad 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.

8. Only if your TV cannot get the correct time zone and current time from your network service provider: The Choose your time zone screen appears. Press UP or DOWN to highlight your time zone, and then press OK.



Tips: Your TV needs to know the local time zone so that it can correctly display information about the program you are currently watching.

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. This User Guide describes version 9.4. To determine your current Roku TV software version, go to Settings > System > About after you complete Guided Setup. You can download an updated User Guide that matches your Roku TV software version from the Roku TV web site

### **Activation**

After the TV restarts, it prompts you through activation.

9. Use a computer, tablet, or smartphone with an Internet connection to link to a new or existing Roku account.

Note: Roku does not charge for activation support – beware of scams.

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### **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 Channel Store and billing service.
- Streaming content providers know that it's OK to send content you request to your Roku TV.
- Roku can automatically send updates to your device.

You need a Roku account to activate your device and access entertainment across thousands of streaming channels. Linking to a Roku account also activates several

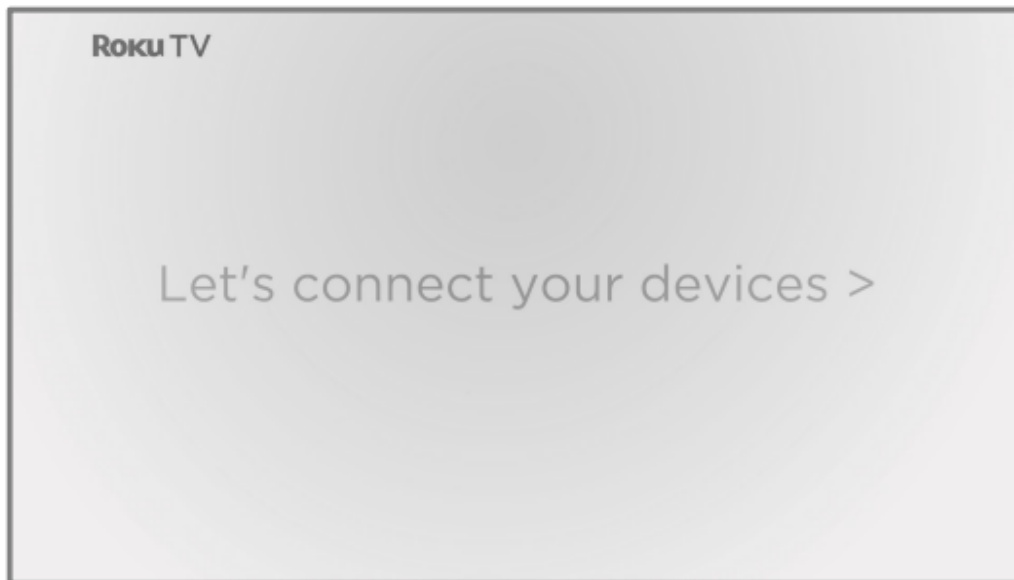
advanced features on your TV, such as Guest Mode, the Roku mobile app, and Live TV Pause, to name just a few. Roku accounts are free, and while a valid credit card number is not required to create your account, providing your credit card information makes renting, purchasing, and subscribing to entertainment from the Roku Channel Store fast and convenient.

After you activate your TV, it gets an acknowledgement, and then adds your newly-selected and pre-existing streaming channels to your Roku TV. This process is automatic and takes a few moments—a little longer if you have added a lot of streaming channels.

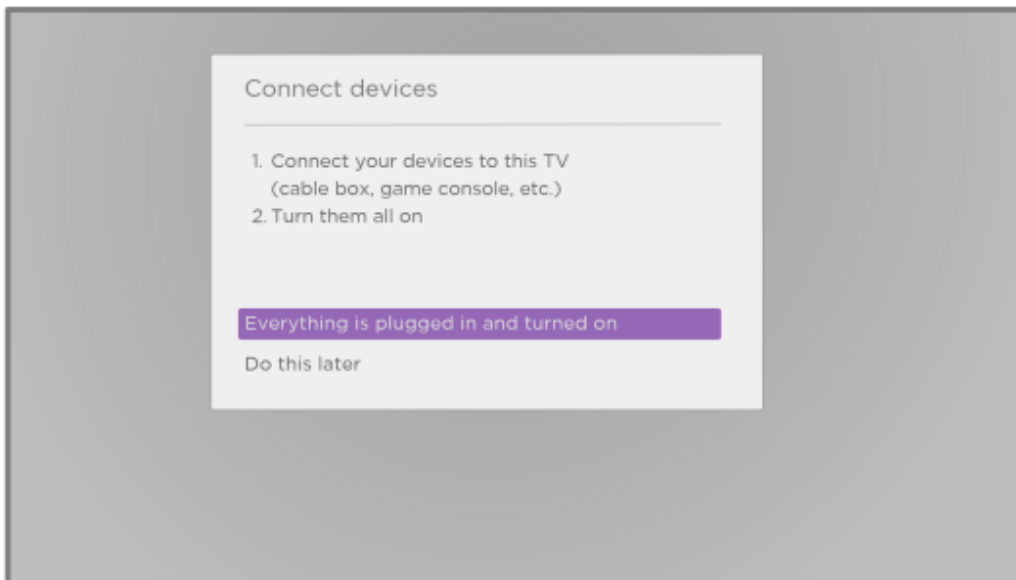
Tip: Streaming channels from all of the Roku streaming devices associated with your account are synchronized periodically. All of your Roku streaming devices therefore display the same set of channels (subject to compatibility with the device)

### **Connect your devices**

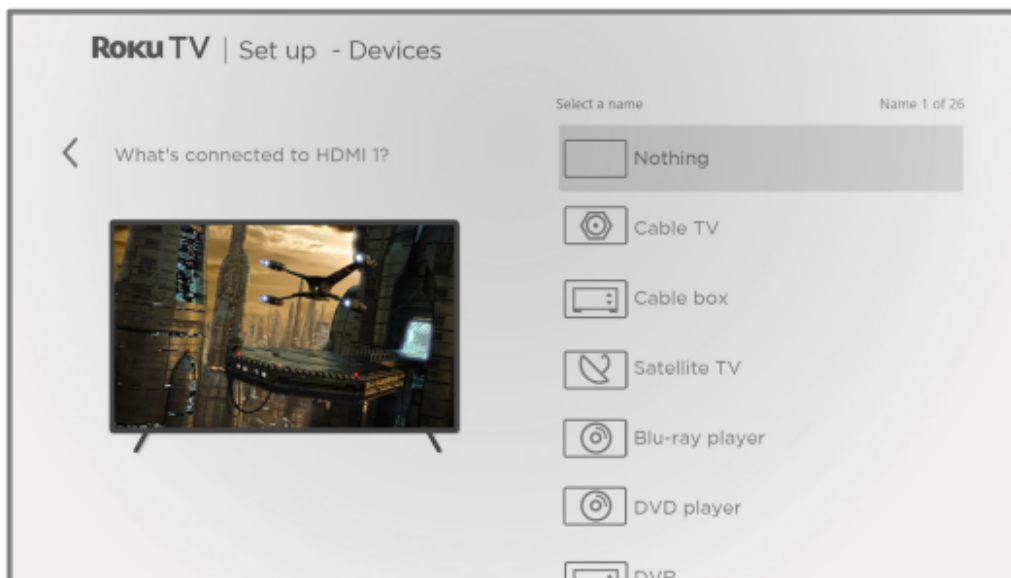
Next, Guided Setup helps you set up the external devices that you want to use with it, such as a cable box, Blu-ray™ player, or game console.



10. Press OK to proceed.



11. 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.



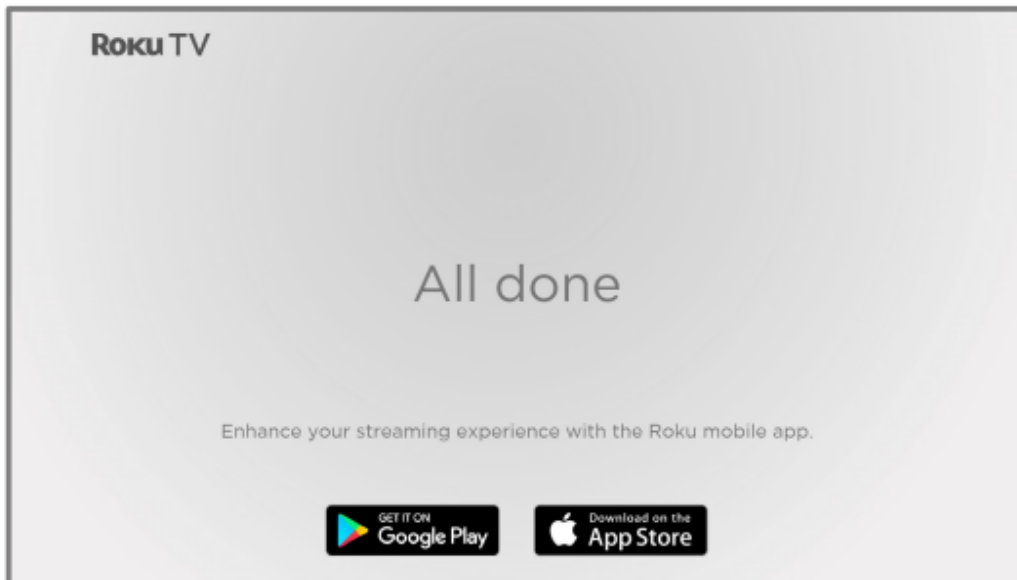
12. Press UP or DOWN to highlight the label you want to associate with the input, and then press OK. If you are not using the input, select Nothing, and the input won't appear on the Home screen.


13. 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 custom 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,” and “Cable Box,” and “DVR.”

14. Repeat the previous step for each input.

You're done with Guided Setup.



Note: Some Roku TVs, depending on where you live and other factors, show you an introductory video filled with some great hints and tips. If you're not interested in viewing this video, press HOME  on the remote to go to the Roku TV Home screen.

Whenever you press HOME , the Home screen greets you.

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. We've designed the TV to encourage you to explore, and you can probably figure out most of the capabilities and settings on your own. If you have any questions or difficulties, you can find answers and solutions in this guide.

## The Home screen

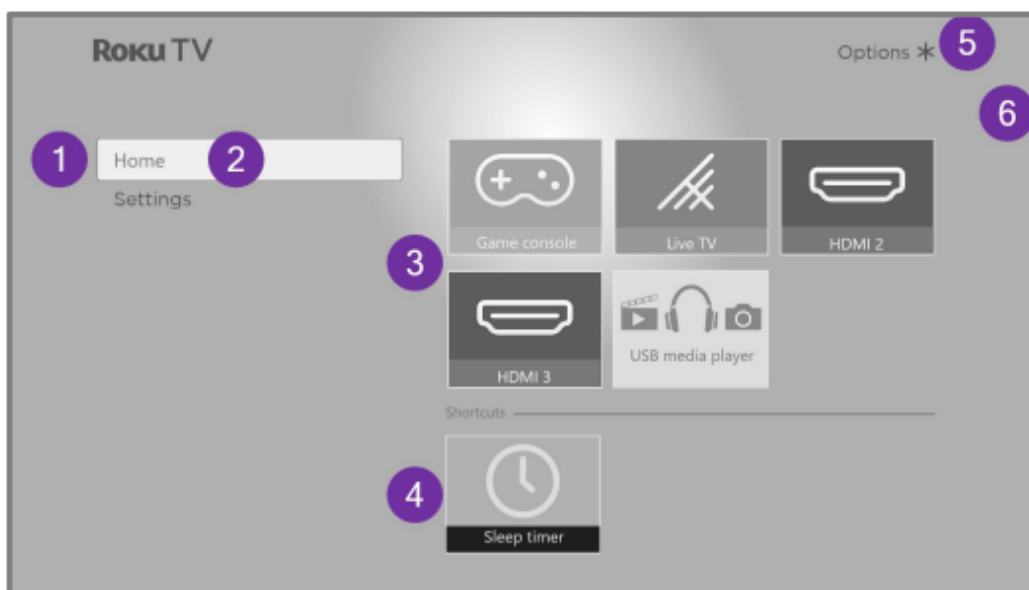
The following illustrations show typical Home screens, which vary depending on location, connected mode, selected theme, number of TV inputs enabled, and streaming channels and apps added.

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 connected Home screen

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 input tiles—select an input to watch the connected device.
4. Streaming channel and app tiles—select a tile to go to the indicated streaming channel or application. You can add any number of channels from the Roku Channel Store.
5. Direct access tiles – shortcuts to often used features.
6. Options hint—press STAR !\* to see options when this symbol is present.
7. Next screen hint—press RIGHT to see the next screen.



## Typical non-connected Home screen

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 input tiles—select an input to watch the connected device.
4. Direct access tiles – shortcuts to often used features.
5. Options hint—press STAR  for options when this symbol is present.
6. Next screen hint—press RIGHT to see the next screen.

## Benefits of connecting

### Connecting brings out your TV's full potential!

- Make any night a movie night: Thousands of movies to choose from, across all major streaming movie channels<sup>1</sup>. You'll never run out of something new to watch.
- Check out The Roku Channel: Use The Roku Channel as your new home page for a huge assortment of free ondemand and streaming movies, programs, live news, and kid's TV. Use the Live TV Channel Guide to see what's on live streaming channels right now.
- Get in the groove: Stream endless hours of music from free and subscription-based channels. With almost instant access to thousands of music artists, your favorite beats are just as close as your remote.
- Explore your passions: In addition to the most popular streaming channels, your Roku TV also offers hundreds of other streaming channels to fuel your passions—including fitness, cooking, religion, outdoors, international programming and much more.
- Enjoy FREE trials of popular channels: Your Roku TV comes loaded with special offers, including free trials (if eligible) from popular streaming channels. REMEMBER THAT YOU MUST CANCEL BEFORE THE FREE TRIAL ENDS TO AVOID SUBSCRIPTION FEES.

### Take advantage of awesome features

- Powerful, voice-enabled search lets you use voice commands to find movies and TV programs by title, actor, director, or genre across multiple streaming channels<sup>1</sup>. Additionally, your search commands can include popular movie quotes, and words like “free” and “4K.”
- Voice commands with multiple device support let you use the Apple Siri<sup>2</sup>, Google Assistant, or Amazon Alexa to change stations, TV inputs, launch streaming channels, and more. Include a location in your command such as “in the bedroom” to specify which Roku device you want to control.

- Automatic account linking keeps track of supported streaming subscriptions on other Roku devices, so that you won't have to re-enter your user name and password when adding the same channel on your newly-activated Roku TV.<sup>3</sup>
- Live TV Pause lets you connect a USB drive (not provided) and pause live TV for up to 90 minutes. After pausing, you can play, fast-forward, rewind, and pause again to any point within the rolling 90-minute window.
- Mobile Private Listening on the Roku mobile app lets you listen to streaming programs and "over-the-air" TV programs from the Live TV input on headphones (not provided) plugged into your IOS® or Android™ mobile device.

## What is streaming?

Streaming is viewing or listening to video or audio content that is sent over the Internet, or located on a network-connected media server or on a USB device plugged into the TV's USB port.

With streaming, you can buy or rent most programs on demand, when it's convenient for you, and you can also watch live streaming channels and events. Also, you can play, pause, rewind, and fast forward most on-demand streaming programs.

Tip: Some content cannot be paused or skipped. For example, if you are viewing live programming or a program that is supported by ads, you might not be allowed to skip the ads.

Your Roku TV lets you choose from thousands of streaming channels that offer a huge selection of entertainment:

- Thousands of movies and TV episodes, both live and on-demand
- Unlimited music, live and on-demand
- Tons of live and on-demand sports
- Commercial-free programming for kids and family
- International programming in 22 languages
- 24x7 news and in-depth news commentary

Many streaming channels are free. Some streaming channels let you purchase or rent the latest movie releases or popular TV series. Some channels charge a monthly subscription fee and others are available at no additional cost if you subscribe to a companion service through your cable or satellite provider.

If you have an existing subscription to a streaming provider, you can just sign in with your existing user name and password.

To play streaming content, add one or more streaming channels to your Home screen. Use the Add Channels shortcut on the Home screen or the Streaming Channels option on the Home screen menu to go to the Channel Store, and then select the streaming channel you want to add. The channel remains on your Home screen unless you remove it, and you can watch it at any time.

For more information on using the Roku Channel Store feature, see [Using the Roku Channel Store](#).

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

## **What if I didn't connect my TV?**

What if you went through Guided Setup and chose Connect to the Internet later? No worries. Your Roku TV makes it easy to connect whenever you want. 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 Setup again. This time, select your home network when prompted

## **Setting up live TV**

In addition to the other entertainment possibilities of your Roku TV, you might want to watch broadcast channels from an antenna or cable TV service connected to the ANT input. On your Roku TV, you can watch broadcast TV in much the same way you watch other entertainment choices: select the Live TV tile from the Home screen.

The first time you select the Live TV tile, you have to set up the TV tuner. Setting up the TV tuner scans for active channels and adds them to your Live TV channel list.

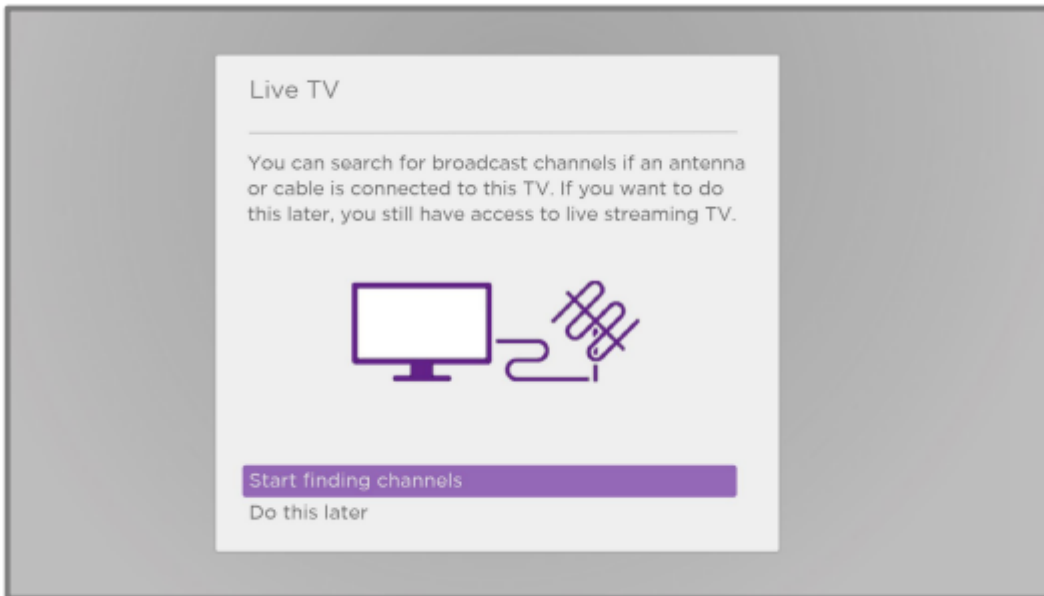
### **Why do I have to set up the TV tuner?**

- Not everyone needs to use the TV tuner. For example, you might have a set top box provided by a cable or satellite company that receives all of your channels. Most of these set top boxes use an HDMI® connection.
- More and more people are watching only streaming TV and do not have a TV antenna or cable/satellite service. If you don't need the TV tuner, you can bypass setting it up and instead remove it from the Home screen as explained in [Remove unwanted tiles](#).
- When you set up Live TV, the TV scans the signals on its antenna input for channels with a good signal, and adds those to the channel list, skipping dead channels and channels with a very weak signal.
- The TV lets you add two analog channels, even if they have no signal, for the purpose of using an older set top box, VCR, or game console that can only output a signal on

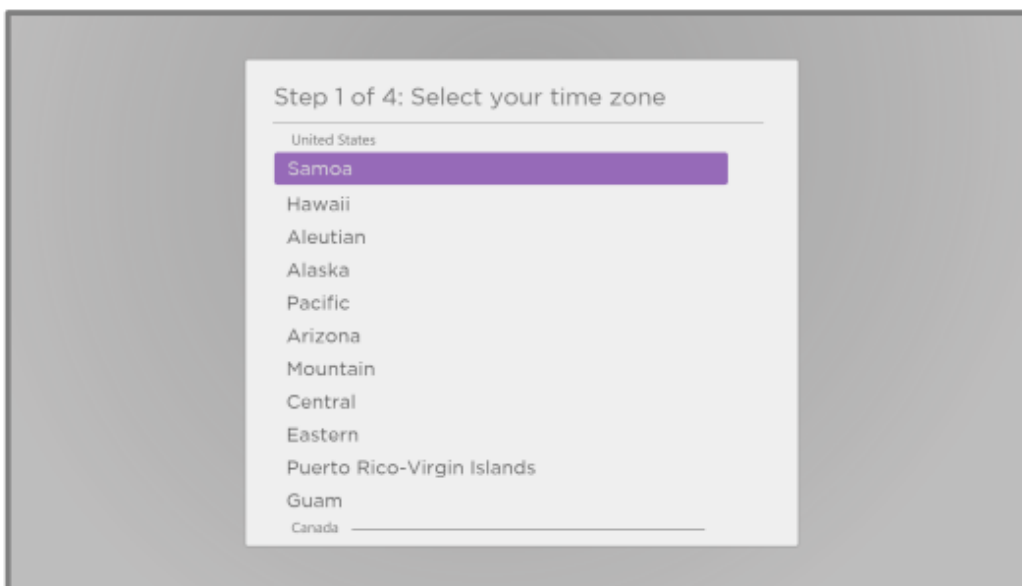
analog channel 3 or 4. Typically, you'll only need one of these channels, but both are provided to make setup simpler. You can hide the one you don't want as explained in Edit Live TV channel lineup.

## How do I set up the TV tuner?

1. Make sure your antenna (not provided) or TV cable is connected to the TV's ANT/CABLE input.
2. On the Home screen, select the Live TV tile. If it is not on your Home screen, go to Settings > TV Inputs to add it.
3. Read the simple on-screen instructions, and then select Start finding channels.



4. If prompted, select your time zone. You'll only need to do this if the TV can't figure out your time zone from your Internet connection.

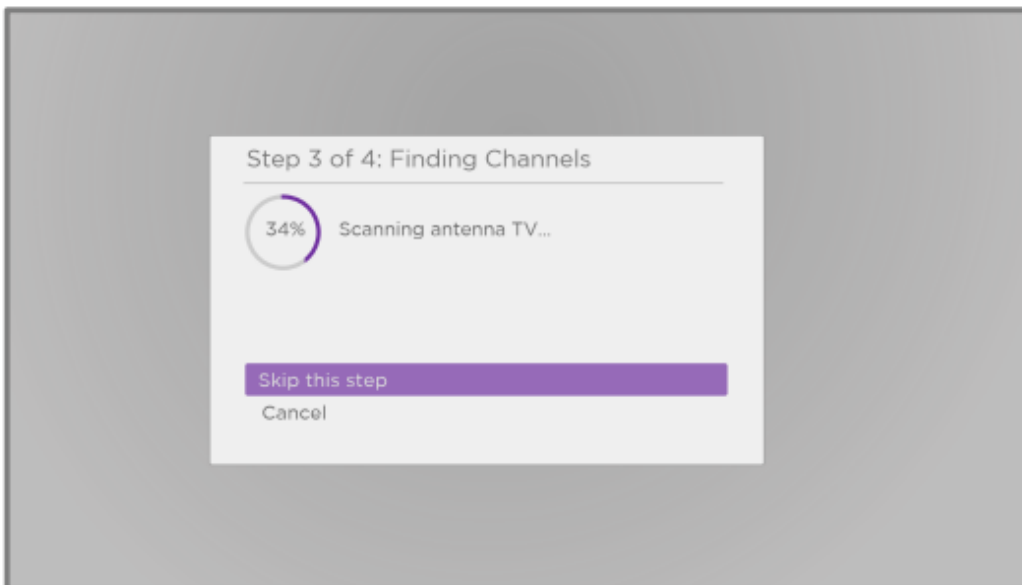


**Why does the TV need my time zone?** The TV needs to know your time zone so that it can correctly display time information about the program you are currently watching. In most cases, it can get the time zone automatically and skips this step.

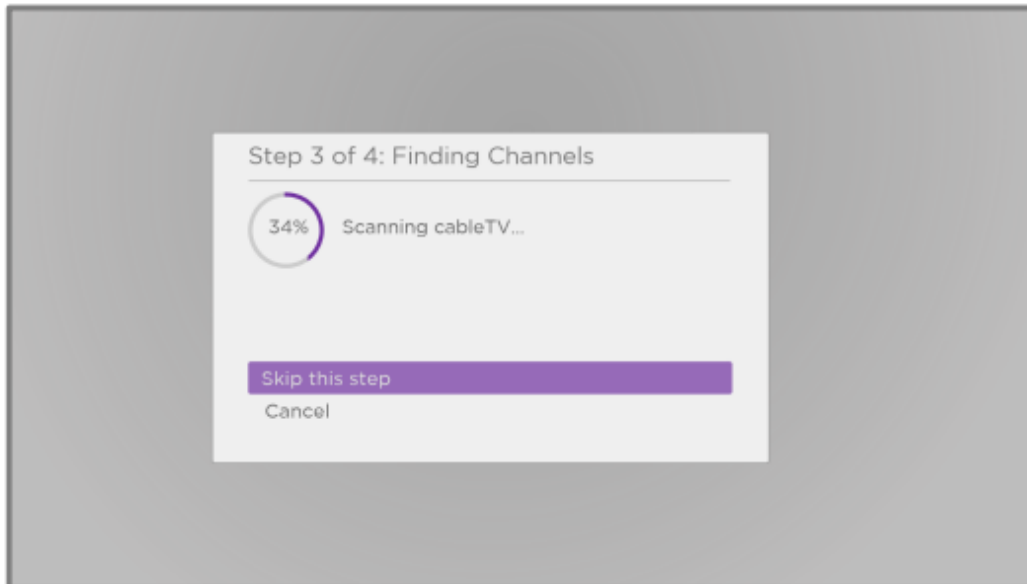
5. When prompted, select whether to add analog channels 3 and 4. These channels enable you to connect older set top boxes, VCRs, or game consoles.



6. Wait while your TV scans for Live TV stations...



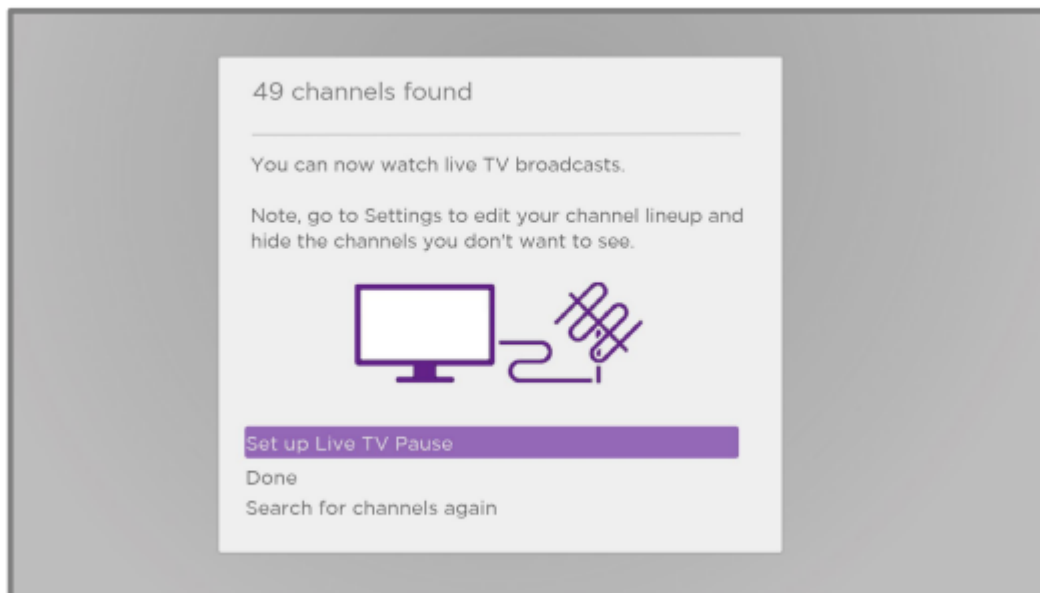
... and then cable TV channels.



Scanning for channels can take several minutes.


Tip: If you use a set-top box to receive cable TV channels (and don't have your cable connected directly to the TV's ANT input), you can save time by skipping the cable TV portion of the channel scan.

7. When the channel scans finish, the TV shows the number of channels it added.








8. Only in connected mode, you have the option of setting up Live TV Pause. Pausing Live TV explains how to set up and use this feature. If you don't want to set up Live TV Pause, or if this option is not available to you, select Done to start watching Live TV.

Tip: Repeat the channel scan from time to time to make sure you are receiving all of the latest channels. Broadcasters add and remove channels, move channels to different parts of the

spectrum, and change the power levels of their channels periodically. Your antenna reception and picture quality depend on the position of your antenna and on your location relative to the antennas of broadcasters in your area. To repeat the channel scan, use the purple directional pad to highlight the Live TV tile, press STAR , select Scan for channels, and then press OK.

You'll also have to repeat the channel scan if you remove and re-add the Live TV tile from the Home screen or perform a factory reset.

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

- Press UP or DOWN to change channels.
- Press LEFT to display the channel list, and then press UP or DOWN to select a channel to watch. Or press REWIND  or FAST FWD  to jump through the channel list a page at a time.
- Press OK to display information about the current program.
- Press STAR  to see options for picture and sound settings.
- Only on models that have a Roku Voice remote, hold down VOICE  or SEARCH , and then say the name of a movie, TV program, or actor, director, or the genre you want to find<sup>1</sup>. The TV displays the result and the streaming channels that offer the requested content.

Note: If you do not have a Roku Voice remote, you can use the Roku mobile app to search. For more information, see Roku mobile app

## Using your TV

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

### Status indicator

Your TV has a single status indicator. It goes on and off and blinks in different ways depending on the status of the TV, as shown in the following table:

TV CONDITION	STATUS INDICATOR	MEANING
On (screen is active)	Off	Screen is communicating that TV is on.
Screensaver (screen is active)	Off	Screen is communicating that TV is on.
Off (no power)	Off	TV is not connected to power
Off (standby)	On	TV is connected to power and is ready to use.
Off (standby)	Slow pulsing blink until startup completes	TV is doing something.
On (receiving update from USB)	Slow pulsing blink until update completes	TV is doing something.
Remote command received	Dims on/off once	TV has received your command.
Network connection lost	Two short blinks, pause, repeat	TV was connected and paired with a Roku account and now has no network connection.
Powering down to standby mode	Slow pulsing blink until the TV reaches standby	TV is doing something.






## 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.
- Only in connected mode, you can optionally enable Fast TV start. When this option is enabled, your TV starts up almost immediately regardless of how long it has been turned off, but uses somewhat more power in standby mode. Fast TV start also gives you access to some additional features, such as turning on the TV with voice commands and turning off the screen when listening to music. For more information, see Fast TV start.

## Watching live TV channels

Select the Live TV tile in 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 UP to change to the next higher channel.
- Press DOWN to change to the next lower channel.
- Press LEFT to display the channel list, and then press the arrow keys to select the channel or program you want to watch. Press REWIND  and FAST FWD  to move through the list one page at a time. When you've highlighted the channel or program you want to watch, press OK. (If you decide you don't want to change channels, press BACK .)
- Only if Live TV Pause is not enabled, press REPLAY  to jump to the previous channel. Press again to return to the channel you were watching before you pressed REPLAY .



Note: If REPLAY  is not available on your remote, you can use this feature in the Roku mobile app. For more information, see Roku mobile app

## Favorite Channels

You can quickly change from surfing among all channels or only your favorite channels. First, you have to mark one or more channels as your favorites

### Mark your favorite channels

You can make any channel a favorite whenever you're watching live TV channels.

1. Press LEFT to display the channel list. Notice that the words All channels appear at the top of the channel list.
2. Scroll up or down to highlight a channel that you want to make a favorite.
3. Press STAR . At this point, you'll see two options:
  - Add to favorites
  - Back
4. With Add to favorites highlighted, press OK. A FAVORITE symbol  appears adjacent to the channel to indicate that it is now a favorite.
5. Repeat these steps to add more favorite channels.


### Surf only your favorite channels

After you've marked one or more channels as favorites, you can switch to your favorite channels whenever you're watching live TV channels.

1. Press LEFT to display the channel list.

2. Press LEFT or RIGHT once to switch to Favorites. Notice that the word Favorites appears at the top of the channel list.
3. Highlight a channel and press OK to select one of the channels in the Favorites channel list, or wait a few moments until the channel list disappears.
4. Press UP or DOWN to change to the previous or next favorite channel. Each channel you select in this way is a favorite channel. Your channel surfing is limited to favorite channels only.

Your favorite channel list remains in effect even if you turn off or unplug your TV, until you switch back to all channels.

Note that when you press OK to view the program information banner while watching a program, a FAVORITE  symbol appears below the channel number.



### **Surf all channels again**

You can switch back to all channels whenever you're watching live TV channels.

1. Press LEFT to display the channel list.
2. Press LEFT or RIGHT once to switch to All channels. Notice that the words All channels appear at the top of the channel list.
3. Highlight a channel and press OK to select one of the channels in the All channels list, or wait a few moments until the channel list disappears.
4. Press UP or DOWN to change to the previous or next channel among all your available channels. You can surf among all channels in your channel list.

### **Remove a channel from your favorites**

You can remove a channel from your favorites whenever you're watching the Live TV input.

1. Press LEFT to display either channel list—All channels or Favorites.
2. Scroll up or down to highlight a favorite channel that you want to remove from your favorites.
3. Press STAR  on your remote. At this point, you'll see two options:
  - Remove from favorites
  - Back
4. With Remove from favorites highlighted, press OK. The FAVORITE  symbol adjacent to the channel disappears.
5. Repeat these steps to remove other channels from Favorites.


## Viewing program information

Whenever you are viewing a program and no other guides or menus are open, press OK to view program information in a banner at the bottom of the screen. This program information appears both in connected and non-connected modes. The following illustration shows the information that is available:



## Program information banner

Program information might include any or all of the following, depending on availability within the broadcast information:

- Channel number
- Channel call sign
- Favorite channel icon 
- Signal strength
- Program title and episode name/number
- Start time, end time, and graph of program length showing current position
- Content rating
- Video resolution (480i, 480p, 720p, 1080i, 1080p, 4K)
- Frame rate (24Hz, 30Hz, 60Hz for television sources, 60Hz, 70Hz, 72Hz, 75Hz for computer sources)
- Audio format (Mono, Stereo, Dolby Audio™ logo)
- Audio features (SAP/MTS)
- Only on select 4K models: HDR or Dolby Vision™ 1 logo (HDMI® and streaming sources)

- Closed captioning (CC)
- Current time
- Program description.

Tip: If you've set up Live TV Pause and you're watching live TV, you'll also see a progress bar showing the current playback position within the rolling 90-minute pause time. For more information, see [Pausing Live TV](#)

## Adjusting settings while watching a program

Press STAR \* to display the Options 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

Live TV Pause gives your Roku TV the ability to pause, play, fast forward, and rewind live TV received on the ANT input. You can pause live TV for up to 90 minutes.

### Requirements

To use this feature, you need to:

1. Connect your TV to the Internet. If you didn't connect during Guided Setup, see [What if I didn't connect my TV?](#)
2. Provide your own dedicated 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 setup, 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.

## Adjusting TV settings

You can adjust most picture and sound settings while you are watching a program by pressing STAR \* to open the Options menu. There are some additional picture and sound settings in the Settings menu.

In most cases, the changes you make apply only to the input you are using. Live TV, each HDMI® input, and the AV input have their own settings that the TV remembers when you return to that input. The TV also separately remembers the settings you specify while viewing streaming content.

### Settings menu

Use the Settings menu to adjust overall TV settings. Press HOME  to go to the Home screen, 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 Options menu while watching a program.

- HDR notification – On select models only: 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.

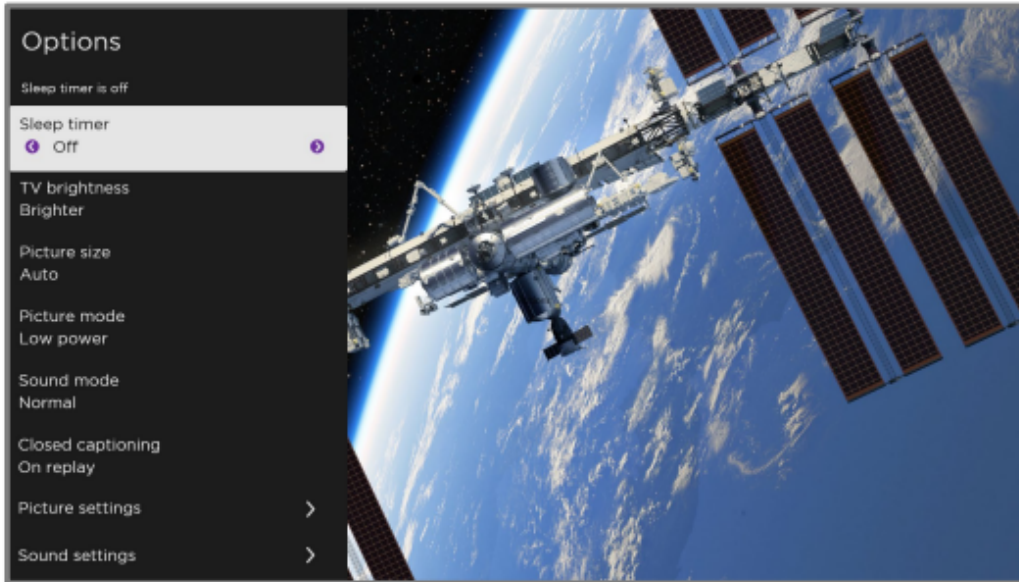
Note: This setting does not affect the HDR or Dolby Vision notification that always appears in the program information banner. Press OK while watching a program to open the program information banner.

- Settings per input – Lists each TV input. Select an input, and then press STAR \* to display the Options menu where you can adjust the input's settings while watching a live picture and listening to the sound from that input.

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

## Options menu

The Options menu for each TV input provides many settings for controlling the appearance of the picture and the quality of the audio. To view the Options menu, press STAR \* whenever you are watching a TV input or streaming a video (except when you are viewing the program information banner). The Options menu is a panel that appears over the left side of the screen:



## Typical Options menu


To adjust the settings on the Options menu, press UP or DOWN to highlight a setting, and then press LEFT or RIGHT to change the setting. You'll see the changes you make right away in picture appearance or audio quality.

Tip: When you highlight a setting, the header text explains the effect of its current value. When you begin to adjust a setting, the other options are hidden so you can see more of the screen. Even though the other settings are hidden, you can move the highlight up or down to adjust the other settings. As soon as you press UP or DOWN, the other settings become visible again.

Note: Some streaming channels assign STAR \* to a different function (or no function at all), meaning it will not open the Options menu. In these cases, use a different channel, such as The Roku Channel, to configure options. The selected settings remain active for all streaming channels.

## Options menu settings

- Sleep timer – Sets 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.
- TV brightness – Affects the overall brightness of the picture. This setting applies across the entire TV; that is, to all TV inputs and is identical to the TV brightness setting under Settings > TV picture settings.

- Picture size – Adjusts the 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.
- Picture mode – Provides picture presets for various viewing preferences. This setting applies to the currently-selected input only.
- Sound mode – Adjusts the sound quality output from the TV speakers. This setting applies across the entire TV; that is, to all TV inputs. It does not affect the sound quality for headphones, HDMI (ARC), HDMI (eARC), or S/PDIF (TOSLINK) connectors.
- Closed captioning – Controls when you see captions. This setting is only offered for live TV, the AV input, streaming content and videos played in the media player. Any set value remains in effect across only these inputs.
  - Live TV – Set captions 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 captions to off, always on, or on only when the TV sound is muted.
  - Streaming video channel or media player – For streaming content that provides closed captions, set captions 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 Closed captioning option does not appear on the Options menu. Note: If REPLAY  is not available on your remote, you can use this feature in the Roku mobile app. For more information, see Roku mobile app.
- Captioning track – Selects which caption track to display when closed captioning is on. This setting remains in effect on all inputs that provide captions.
- SAP – Selects whether to play a secondary audio program or multichannel television sound, and which choice to play. This setting applies only to live TV on digital channels.
- Picture settings – Shows the Picture settings menu.
- Sound settings – Only on select models: Shows the Sound settings menu

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

## Video description through Secondary Audio Program (SAP)

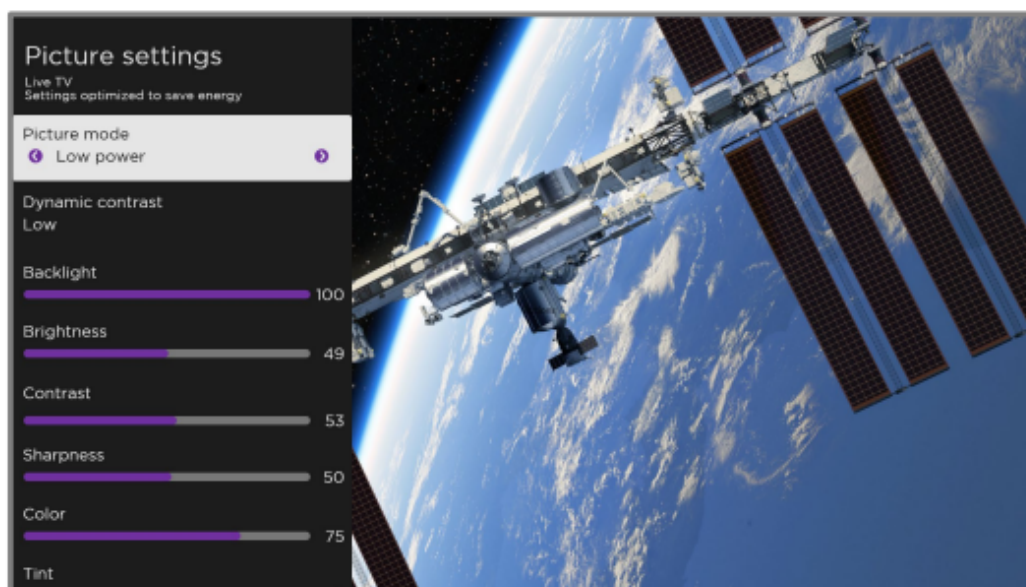
- Video description of the action in a program helps individuals who are blind or visually impaired enjoy programs. You enable video description by selecting one of the Secondary Audio Program (SAP) options.

- To hear video description narrations in programs that have them, turn on SAP. If there are multiple SAP options for a channel, such as Spanish and French, try each one to determine which setting carries the video description track.
- Accessibility: Broadcasters provide video descriptions only on a small number of programs. If you are unable to hear video descriptions after following these instructions, the program you are viewing does not provide them.

## Picture settings

The Picture settings menu for each TV input provides settings for fine tuning the appearance of the picture. All of the settings in this menu apply only to the currently selected input.

To use the Picture settings menu, first press STAR \* to display the Options menu. Then select Picture settings.



### Typical Picture settings menu

Note: Some streaming channels assign STAR \* to a different function, meaning it will not open the Options menu. In these cases, use a different channel, such as The Roku Channel, to configure Picture settings. The selected settings remain active for all streaming channels.

### Picture settings menu options

Note: 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.

- Picture mode – Provides picture presets for various viewing preferences. This setting duplicates the one on the Options menu. When you change the Picture mode, other picture settings adjust accordingly. For example, setting the Picture mode to Vivid sets Brightness, Contrast, Sharpness, and other values to produce a very vibrant picture. Setting Picture mode to Movie changes the settings to produce a picture suitable for

enjoying movies in a darkened room. If you make changes to the individual picture settings—for example, Contrast, or Sharpness—these settings are saved for the current input and the current picture mode. In this way, you can set HDMI 1 input's Movie picture mode to use different settings than the HDMI 2 input's Movie picture mode and the Live TV input's Movie picture mode. Use Reset picture settings, described below, to return the input's selected picture mode to its original values.

- Local dimming – Only on select 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.
- Dynamic contrast – Only on select models: Automatically adjusts the backlight level to achieve the optimum contrast and prevent excessive differences between light and dark areas of the screen.
- Micro contrast – Only on select models: Improves image contrast.
- 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.
- Color – Adjusts the saturation of colors in the picture. A setting of 0 removes all color and displays a black and white picture.
- Tint – Adjusts the color balance from green to red to obtain accurate colors in the picture.
- Color temperature – Adjusts the overall color tones in the picture from Normal to slightly more bluish (Cool) to slightly more reddish (Warm).
- Frame rate conversion – Only on select models. Each TV brand uses 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.
- Film mode – Only on select models. Each TV brand uses a different name for this option. When enabled, this feature reduces “judder” that is often present when 24 frame-per-second movies are upscaled to 60Hz TV standards. Film mode is On by default in Movie and HDR Dark picture modes, and Off by default in other picture modes.
- Blur reduction – Only on select 120Hz models. Each TV brand uses a different name for this option. Reduces blur, especially for fast-moving images such as sports.
- Black frame insertion – Only on select models that also have the local dimming feature. Each TV brand uses a different name for this option. Reduces motion blur caused by the refresh rate of the screen. Enabling this feature inserts black frames between picture frames in a way that improves the clarity of fast moving objects. It provides an improved viewing experience for video games and sporting events, but reduces the brightness of

the picture. You can select settings of Low, Medium, High, or Off to achieve the desired picture quality.

- Game mode – Only on HDMI® and AV inputs: Controls whether Game mode is enabled. When On, the TV performs less image processing and has less input lag. When Off, the TV performs more image processing and has more input lag, which is less desirable for action games.
- Reset picture settings – Returns all picture settings for the input's currently selected Picture mode to their original values.

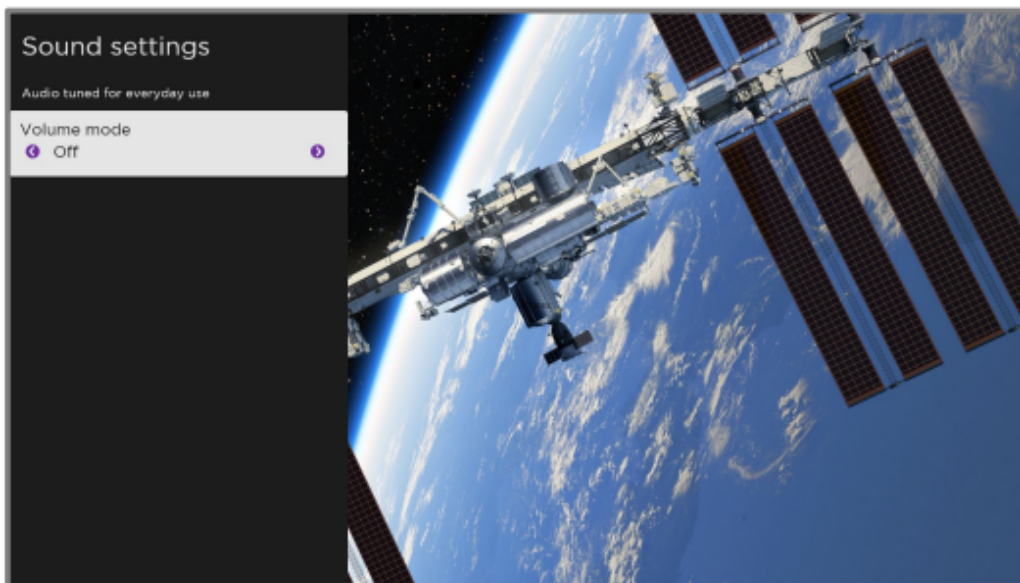
## Sound settings

Your TV model might have any of the following premium sound settings available in the Options menu:

- No Sound settings
- Volume mode
- Dolby® Audio Processing
- DTS® TruSurround
- DTS® Studio Sound
- Sonic Emotion™ Premium

### Volume mode (select models only)

To access Volume mode, first press STAR \* to display the Options menu, then select Sound settings1 .



Sound settings menu for models with Volume mode

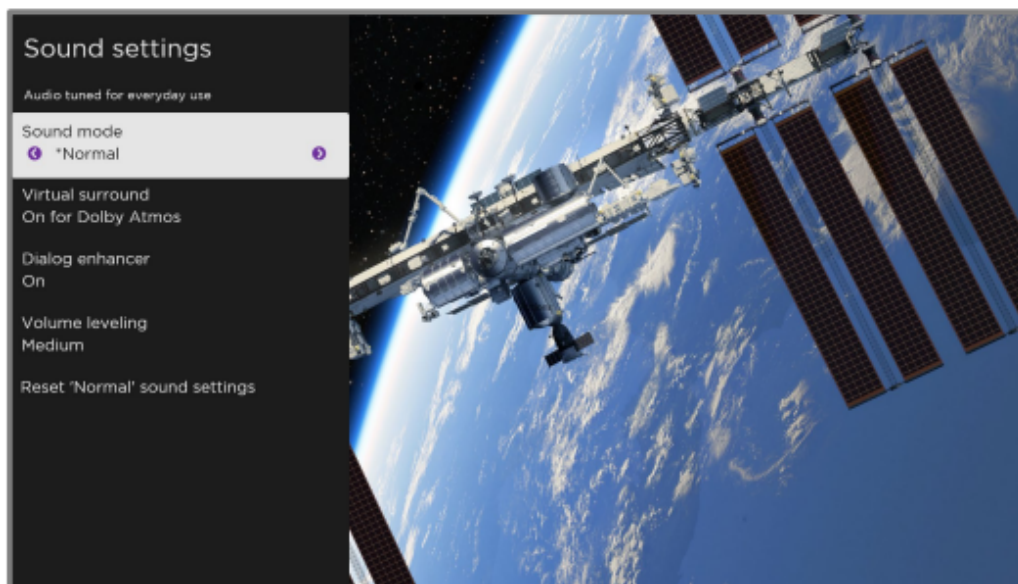
Tip: Some streaming channels assign STAR \* to a different function, meaning it will not open the Options menu. In these cases, use a different channel, such as The Roku Channel, to set the Volume mode. The selected mode remains active for all streaming channels.

#### Sound settings menu - Volume mode

- Off – Volume mode are inactive and content volume is unmodified.
- Leveling – Provides a consistent volume level across different types of content, so that you need not change the volume every time you switch channels or when a commercial comes on.
- Night – Soft sounds, such as whispers, are increased while loud sounds, such as explosions, are decreased, making it easier to hear your TV at night without disturbing others.
- Dolby AC-4 Dialog Enhancement – Only on select models: Select On for AC-4 to enhance the dialog in content that supports the AC-4 audio format.

#### Sound settings – Dolby® Audio Processing (select models only)

Each TV input has separate settings for fine tuning sound quality. All of the settings in this menu apply only to the currently-selected input. To access the DAP settings, first press STAR \* to display the Options menu, then select Sound settings.



Sound settings menu for models with Dolby® Audio Processing

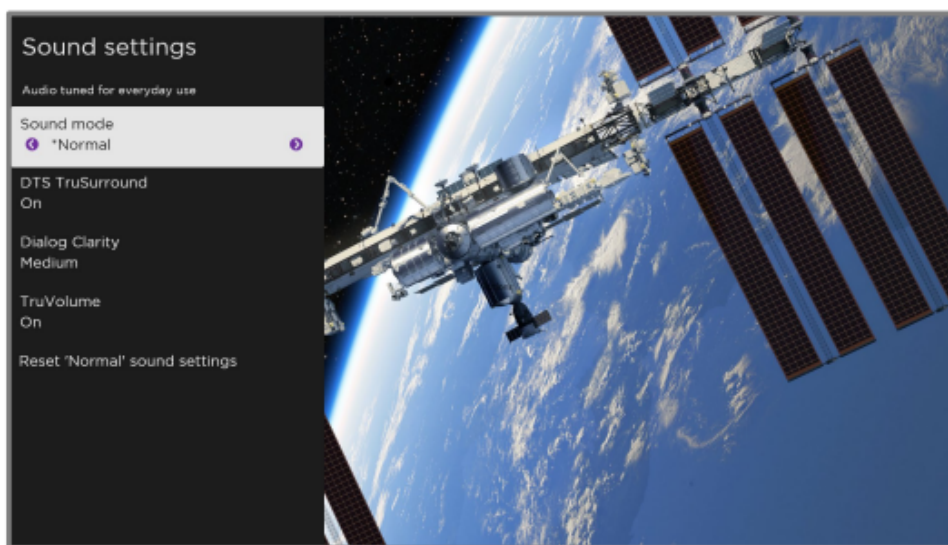
Tip: Some streaming channels assign STAR \* to a different function, meaning it will not open the Options menu. In these cases, use a different channel, such as The Roku Channel, to configure Dolby® Audio Processing. The selected settings remain active for all streaming channels.

## Sound settings menu– Dolby® Audio Processing

- Sound mode – Select from among various preset sound modes to improve speech, make music sound its best, boost bass or treble, or simulate a theater. Use Reset audio settings, described below, to return the input's current settings to their original values.
- Virtual surround (Only on select models) – Options vary by TV model. Simulates surround sound that otherwise would require installation of a surround sound audio system. Sometimes, the effect interferes with dialog clarity. Use the Dialog enhancer option to compensate.
- Dialog enhancer – Improves the clarity of speech when on.
- Dolby AC-4 Dialog Enhancement – Only on select models: Select On for AC-4 to enhance the dialog in content that supports the AC-4 audio format.
- Reset sound settings – Returns Virtual surround and Dialog enhancer settings to their default settings for the selected Sound mode.

## Sound settings – DTS® TruSurround / DTS® Studio Sound (select models only)

Each TV input has separate settings for fine tuning sound quality. All of the settings in this menu apply only to the currently-selected input. To access the DTS® settings, first press STAR \* to display the Options menu, then select Sound settings.



Sound settings menu for models with DTS® TruSurround/Studio Sound

Tip: Some streaming channels assign STAR \* to a different function, meaning it will not open the Options menu. In these cases, use a different channel, such as The Roku Channel, to configure DTS® Studio Sound. The selected settings remain active for all streaming channels.

## Sound settings menu– DTS® TruSurround / DTS® Studio Sound

- Sound mode – Select from among various preset sound modes to improve speech, make music sound its best, boost bass or treble, or simulate a theater. Use Reset audio settings, described below, to return the input's current settings to their original values.
- DTS TruSurround – Simulates surround sound that otherwise would require installation of a surround sound audio system. Sometimes, the effect interferes with dialog clarity. Use the Dialog clarity option to compensate.
- Dialog Clarity – Available only when DTS TruSurround is On. Choose among Low, Medium, and High settings to improve the clarity of dialog when you are using the TruSurround feature.
- TruVolume – Minimizes annoying volume fluctuations in programs.
- Dolby AC-4 Dialog Enhancement – Only on select models: Select On for AC-4 to enhance the dialog in content that supports the AC-4 audio format.
- Reset sound settings – Returns DTS TruSurround, Dialog Clarity, and TruVolume settings, to their default settings for the selected Sound mode.

## My Feed

- Only in connected mode, you can watch movies coming soon, and to get updates on movies, TV programs, and actors that you are following.
- You can follow any movie, TV program, or actor across top streaming channels. To follow a program, use the Search feature to find the movie, TV program, or name that you want to follow, and then select Follow this movie/TV show/person on Roku. For more information, see Searching for something to watch.

Note: The TV takes a bit of time to update your newly-followed programs. Until it finds at least one channel offering the movie, the content banner in My Feed shows Check back later for updates.

- My Feed alerts you any time a movie or TV program you are following becomes available on another channel and whenever its price changes. A number in parentheses next to My Feed in the Home screen menu means that My Feed has updated information that you haven't viewed yet. For example, if three of your followed programs have updates, you'll see My Feed (3).

Note: When a movie or TV program you are following becomes available, the streaming channel offering the movie might require that you subscribe or pay a fee to view it

## More settings

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

Guest Mode Only in connected mode, when you enable Guest Mode, your guests can sign in to subscription channels using their own account credentials instead of using yours. Your guests' credentials are then automatically removed on the date they specify.

By enabling Guest Mode, your guests won't have access to your personal streaming channel accounts and won't be able use your Roku account to make purchases. Instead, your guests can safely access their own subscription channels. And they won't have to remember to sign out before they leave.


To enable Guest Mode:

1. From the Home screen menu, navigate to Settings > System > Guest Mode.
2. Select Enter Guest Mode.
3. Use the purple directional pad to enter your Roku account PIN in the on-screen keypad.
4. Select OK to confirm and put the TV into Guest Mode.

Note: You also can enable and disable Guest Mode remotely logging in to my.roku.com on your computer or smart phone, logging in to your account, scrolling down to My linked devices, and then selecting Enable Guest Mode or Disable Guest Mode, respectively.

After you put your TV into Guest Mode, it is ready to welcome your guests, allowing them to select a sign-out date. On the home screen, they will find an assortment of default subscription channels. They can enjoy free content from The Roku Channel and many others, or sign-in and watch movies and TV programs from their own subscriptions and saved content libraries. Your guests can use the Roku Channel Store to find and add channels they watch at home with confidence that they automatically will be removed on their sign-out date.

To disable Guest Mode:

1. Press HOME  to return to the Home screen menu.
2. Navigate to Settings > System > Guest Mode.
3. Select Exit Guest Mode.
4. Use the purple directional pad to enter your Roku account PIN in the on-screen keypad.
5. Select OK and confirm that you want to disable Guest Mode.

After you disable Guest Mode, all of your original settings are restored and your channels are reinstalled. You might need to sign in to your subscription channels again to access your content.

Note: Any game data that was stored on your Roku device is

## 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. Also, if you decided not to connect to the Internet in Guided Setup, you can use network settings to connect at a later time.

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.

Note: Some networks, such as those found in dorm rooms, hotels, and other public places, may require you to read and agree to terms, enter a code, or provide identifying information before letting you connect to the Internet. For more information, see Using your TV in a hotel or dorm room.

## Postal code

- Your TV needs to know your postal code so that it can display the correct channels and program guide information. It attempts to determine your location by using information from your Internet connection; however, the information available from this source is not always accurate. To ensure you have the most accurate program guide information, use the Postal code option to enter your correct code.
- To set your correct postal code, from the Home screen menu, navigate to Settings > System > Postal code, and then pressing RIGHT. Use the on-purple directional pad to enter your postal code in the on-screen keypad, and then select OK

## 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 Options menu from any TV input, as explained in Options menu settings. Note: The sleep timer setting is not input specific, and also can be set by using the Sleep timer shortcut in the Home screen grid.
- Time zone – Correct time zone information is needed to correctly display program 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. This setting is available only on TVs that are connected to the Internet. Non-connected TVs do not display the time.

### Warning

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