

## 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 sound bar to the TV

You can connect headphones or an analog sound bar (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 sound bar to control the TV volume. To turn off the TV's built-in speakers, in the Home screen menu, navigate to **Settings > Audio > TV speakers** and change the setting.

## Connecting an AV receiver or digital sound bar

You can enjoy Dolby Audio™ multichannel sound from your TV if you connect a digital amplifier or sound bar (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 sound bar.
- **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 the cool features of your TCL 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.

## AC power

Plug your TV into a power outlet. You can tell that the TV has power because the status indicator lights up when the TV is off.

The topic Status indicator explains how the status indicator shows what is happening with the TV.

## Roku remote batteries

Open the back of your Roku remote and insert the included batteries, observing the proper orientation as indicated in the battery compartment. Reattach the back cover.


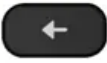


## Roku TV remote

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, then you have a Roku Voice Remote.
- If your remote has a headphone jack on its left edge, then you have a Roku Enhanced Voice Remote.



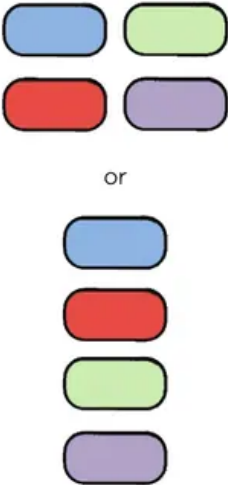
Roku voice remotes have additional capabilities as noted in the following table.

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>
 <p style="text-align: center;">or</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
	 UP  DOWN  MUTE	<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>
	 HEADPHONE	<p>Select models with Roku Enhanced Voice Remote. 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 the POWER  button 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'll have to 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.

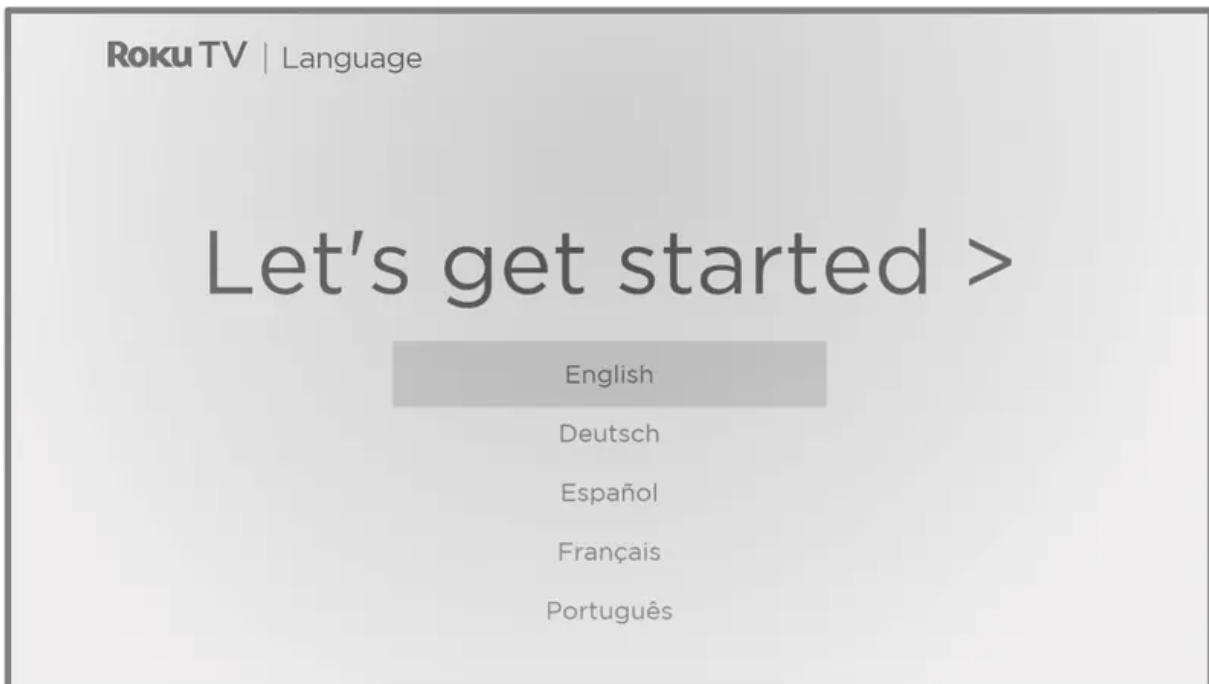
2. The splash screen appears and the status indicator blinks slowly for a few more seconds. The power-on screen shows a brand logo while the TV starts up.



3. After a few seconds, Guided Setup starts.

## Guided Setup

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

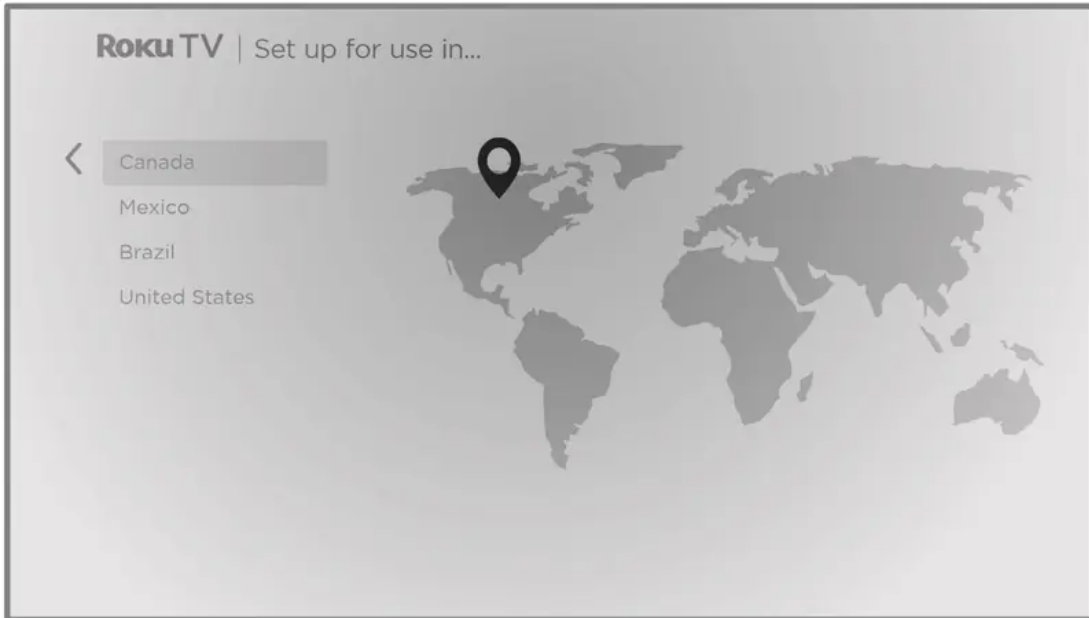


1. Only on models that have a Roku Voice remote: A few moments after the Let's get started screen appears, Guided Setup starts the pairing process for the Roku Voice remote. (You'll know if you have this type of remote because it has a VOICE or SEARCH



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.



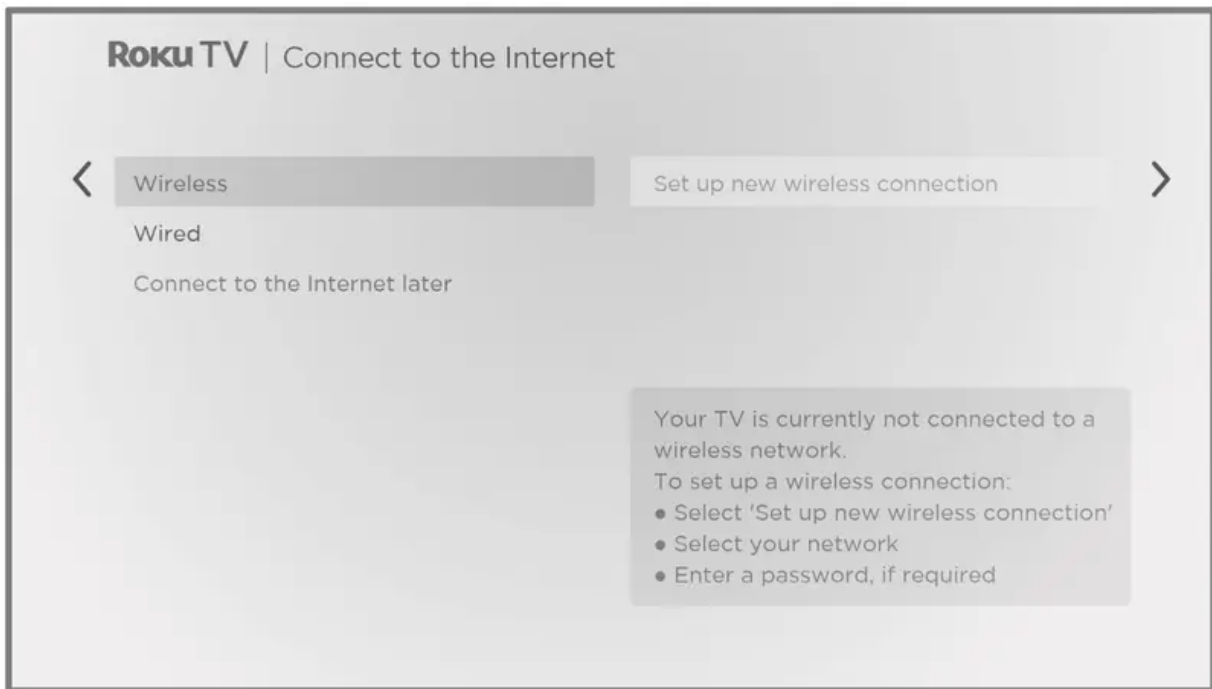
4. Press OK to select Set up for home use. This is the right choice for enjoying your TV at home. It provides energy saving options as well as access to all features of the TV.



**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.



1. Only 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 skip this step and use the TV to watch Antenna TV channels, play games, and watch DVDs. 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.
2. 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 the UP or DOWN arrows 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 TCL Roku TV detects that you are connecting to such a network, it prompts you through the connection process using your compatible 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.

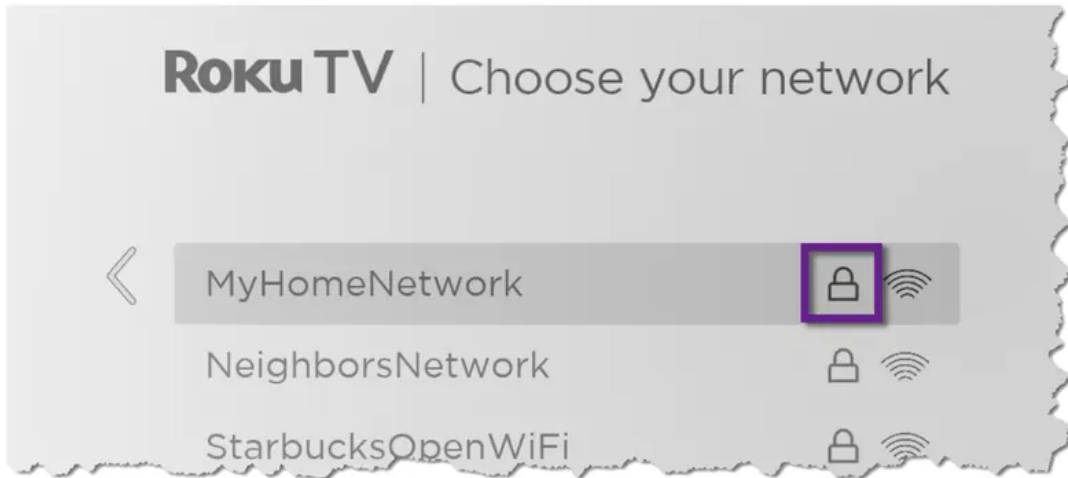
**Scan again** appears if the list already shows all available wireless networks within range. If you don't see your wireless network name in the list, you might need to adjust the location of your wireless router or the TV, turn on your router, or make other changes. When everything is ready, select 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."

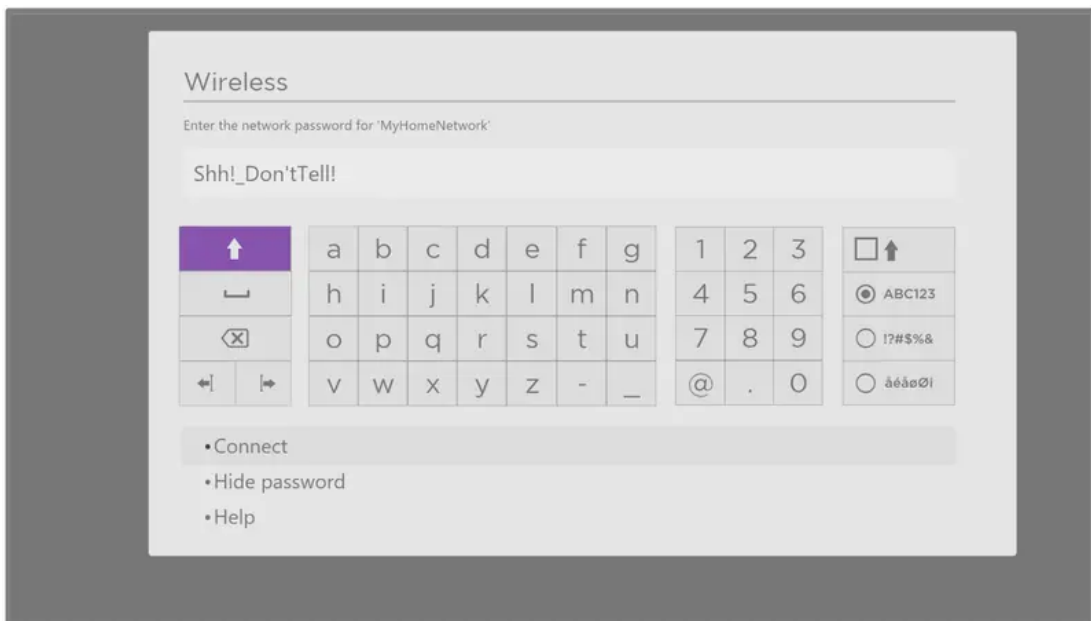
**Note:** Highlighting either of these options displays an informational panel with the unique media access control (MAC) address of your Roku TV. You will need the MAC address if your wireless router is configured to use MAC address filtering.

**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.



3. 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.

4. 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.

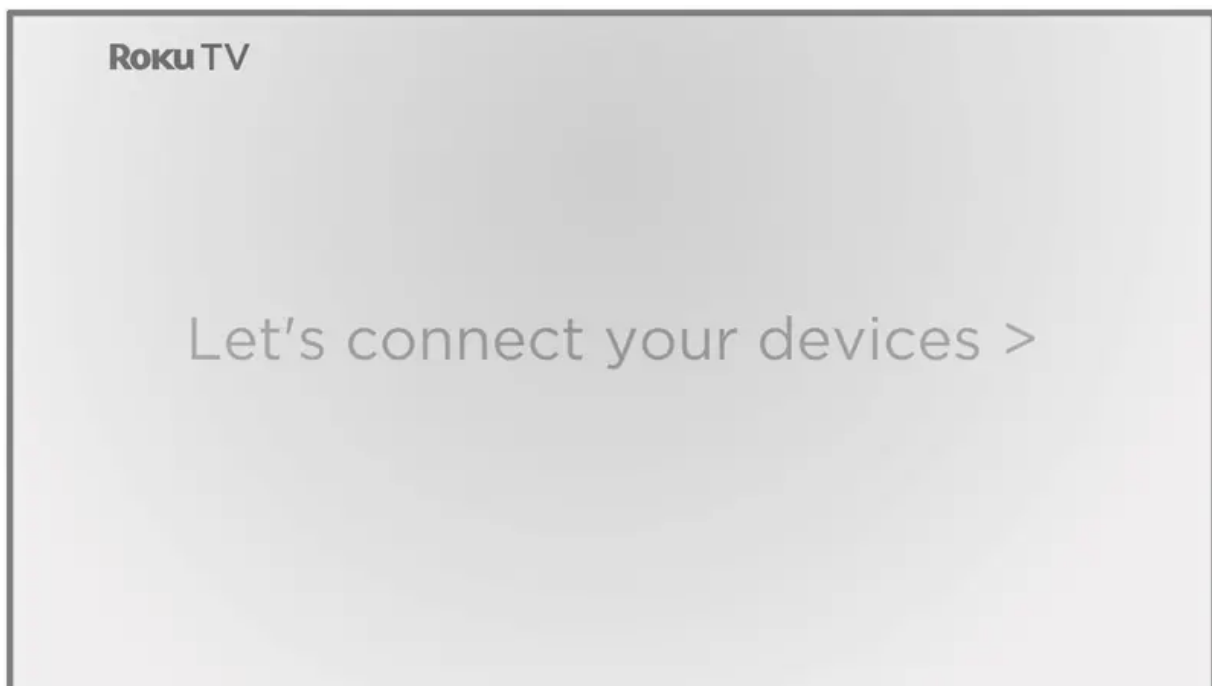


**Tip:** Your TV needs to know the local time zone so that it can correctly display information about the program you are currently watching.

**Tip:** 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.



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.

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

### **Why do I need a Roku account?**

You need a Roku account for several reasons:

- It links you, your TCL 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 TCL Roku TV.
- Roku can automatically send updates to your device.

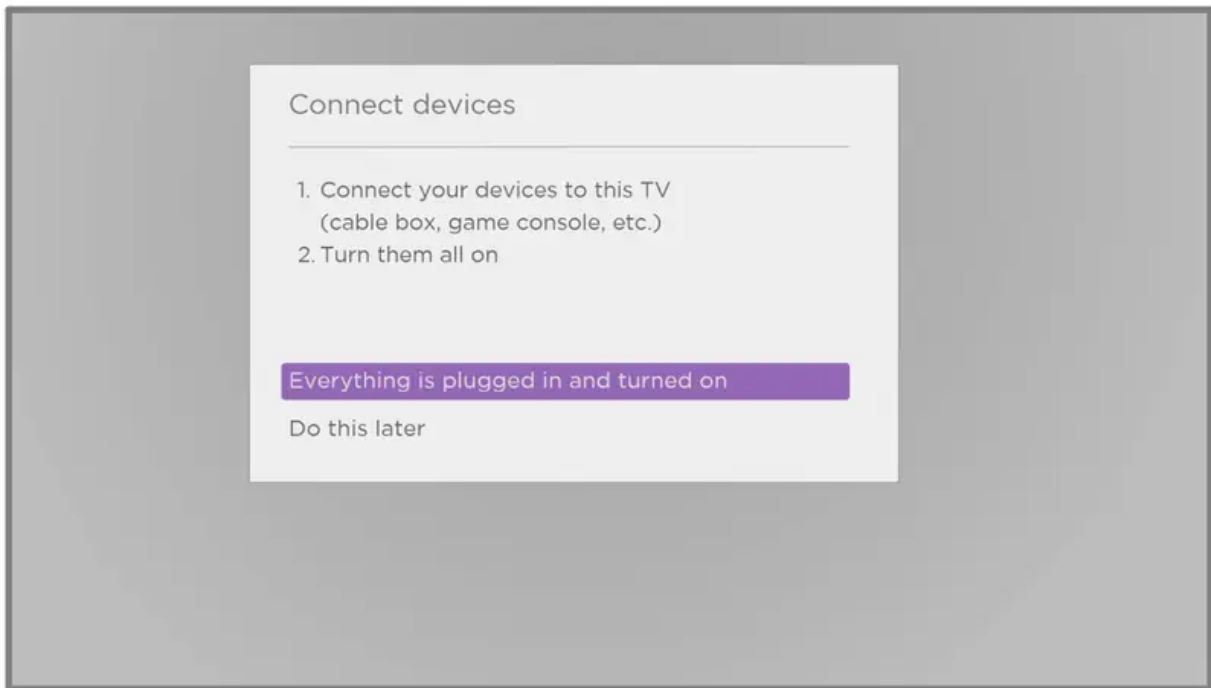
You need a Roku account to activate your device and access entertainment across thousands of streaming channels. Linking to a Roku account also activates several advanced features on your TV, such as Guest Mode, the Roku mobile app, and Live TV Pause, to name just a few. Roku accounts are free, and while 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.

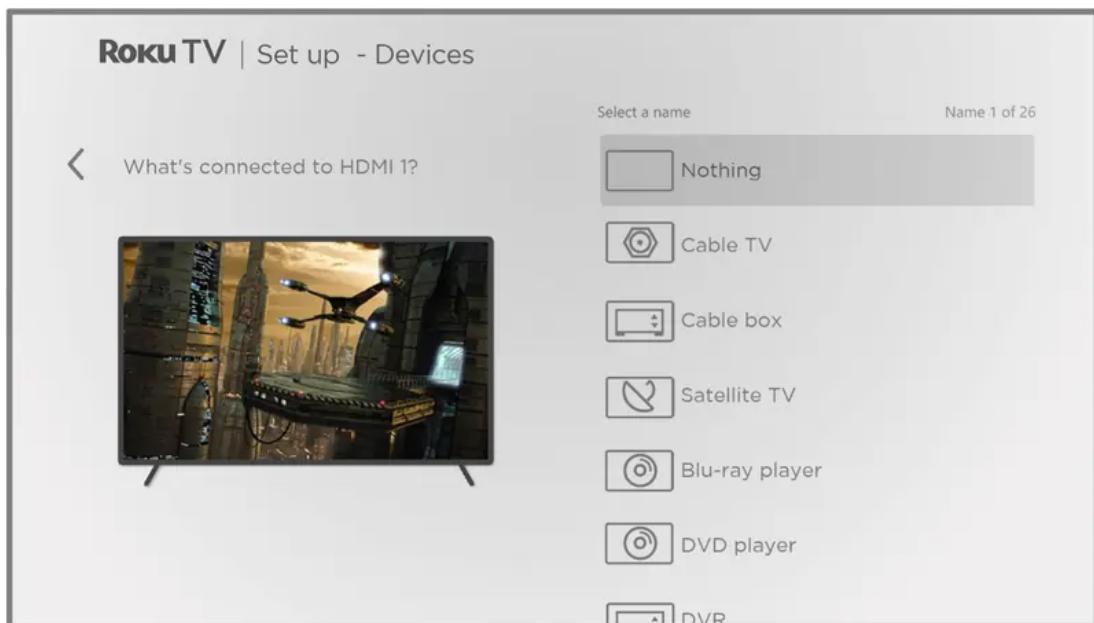
**Tip:** Streaming channels from all of the Roku streaming devices associated with your account are synchronized periodically. All of your Roku streaming devices therefore display the same set of channels (subject to compatibility with the device).

### **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.

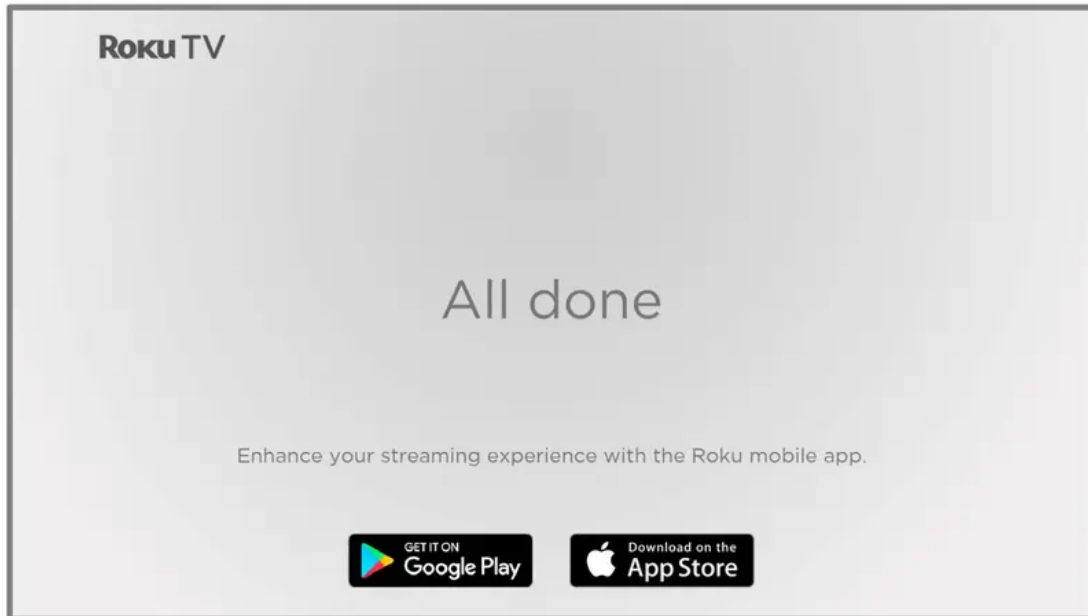


1. Press OK to proceed.



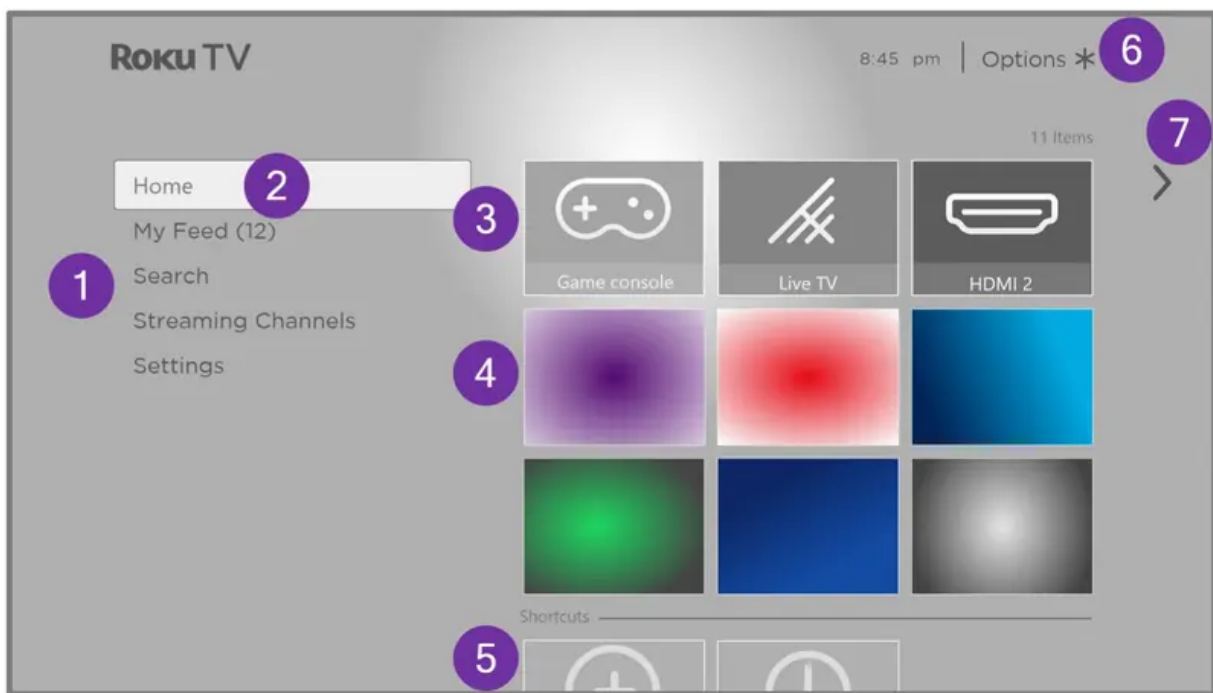
2. Connect all the devices you plan to use with your TV, turn them all on, and then select Everything is plugged in and turned on. The TV now takes you step by step through each of its inputs and asks what kind of device you have connected. For each input that has a

connected and active device, you can see its picture and hear its sound.



3. 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.
4. 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."
5. 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.

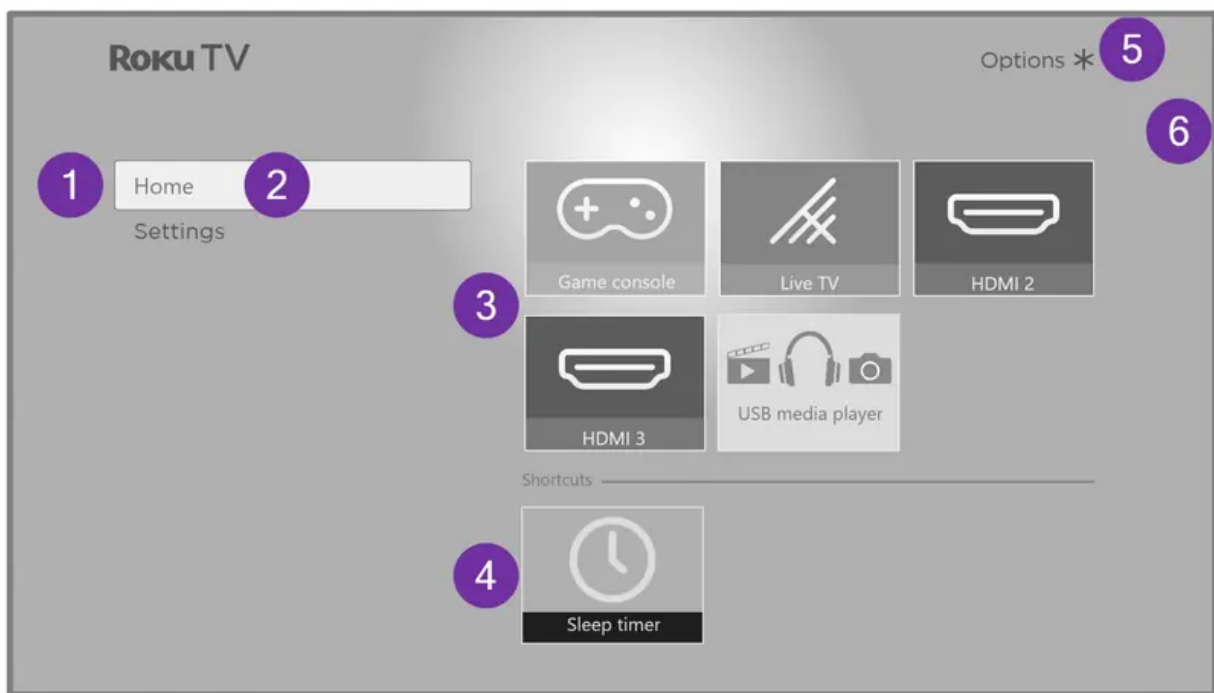
Whenever you press HOME , the Home screen greets you.

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.

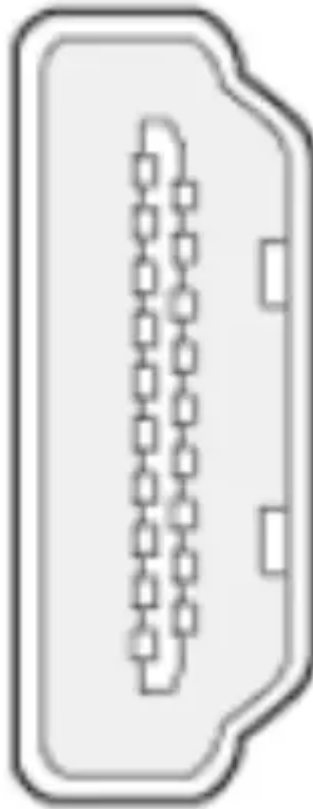
**Note:** A paid subscription or other payments may be required for some channel content. Channel availability is subject to change and varies by country. Not all content is available in countries or regions where Roku ® products are sold.



### 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. **Options hint**—press STAR to see options when this symbol is present.
6. **Next screen hint**—press RIGHT to see the next screen.

# HDMI (ARC)



## 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 the RIGHT to see the next screen.

## Personalize your Home screen

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

- Only in connected mode: Add streaming channels by using the Streaming Channels menu option or the Add Channels shortcut to browse the Roku Channel Store.
- Only in connected mode: Change the screen theme by going to Settings > Themes to find and pick one to suit your mood.
- Customize the Home screen. Hide or show the shortcut tiles that appear at the bottom of your Home screen grid.

- Remove a tile by highlighting it and pressing STAR . Then highlight Remove input or Remove channel and press OK.
- Move a tile by highlighting it and pressing STAR . Then highlight Move input or Move channel and press OK. Use the purple directional pad to move the tile, and then press OK to lock it in its new location. Move the shortcut tiles 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 tile 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 to the tile.

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.

**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."

## More settings

### 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.

## Home theater configuration

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

### Turning off the TV speakers for home theater use

You can turn off the TV's built-in speakers if desired by changing the setting under Settings > Audio > Speakers and change the setting. However, if you use an HDMI ARC or eARC connection with CEC enabled, the TV automatically mutes its internal speakers when it sends sound to an external device. It also mutes all sound when you use the headphone jack on the TV, private listening through the Roku Enhanced Remote Control or the Roku mobile app.

### Setting up a digital audio connection

To take advantage of your TV's advanced audio capabilities, connect it to an external amplifier, receiver, or soundbar by using either of these two digital audio connections:

- **HDMI ARC** – The HDMI <sup>®</sup>Audio Return Channel (ARC) or on select TVs only, the HDMI <sup>®</sup> Enhanced ARC (eARC) connector enables the TV to output digital audio on one of its HDMI <sup>®</sup> connectors.

The connected amplifier then can function simultaneously as an input source to the TV, if needed, without the need to use additional cables.



To use the ARC or eARC capability, you must connect an HDMI <sup>®</sup> cable from your

amplifier's HDMI ® ARC or eARC connector to the HDMI ARC or eARC connector on the TV. You also must do the following:

- Be sure your HDMI ® cable is HDMI ® certified.
- Enable HDMI ARC under Settings > System > Control other devices (CEC), as explained in Enable HDMI ® ARC.
- **S/PDIF optical** – The S/PDIF optical connector outputs a digital audio signal. To use the optical output, connect a TOSLINK optical cable from the amplifier to the Optical or S/PDIF connector on the TV.



**Important:** To make sure the S/PDIF outputs audio reliably, you must turn off the TV's speakers. To do so, from the Home screen menu, navigate to Settings > Audio > Speakers and change the setting to Off.

**Note:** Dolby Audio™ support for Dolby Digital Plus™ format is not available through the S/PDIF optical output. This format is only available through the HDMI ® ARC connection.

**Tip:** Even when you use S/PDIF for audio, the TV can correctly detect more audio formats if you connect HDMI ® cable between the TV's ARC or eARC port and the receiver's ARC or eARC port.

### Choosing an audio format

After making the required HDMI ® ARC, eARC, or S/PDIF optical connection, go to Settings > Audio > S/PDIF and ARC option and select the audio format to use.

Choosing Auto detect is the easy solution, and generally provides good results. However, if you have a high-end sound system and want to make sure you are getting the best sound quality available in the programs you are watching, you can choose another setting.

- **Auto detect** – Automatically detects the incoming audio format and transcodes it to a compatible available format for the audio output (ARC, eARC, or S/PDIF).
- **Auto passthrough** – Passes through the input audio to the connected receiver without transcoding, sometimes resulting in better audio quality especially for high-end audio formats such as those that take advantage of the higher bandwidth of eARC, including Dolby MAT and Dolby Digital Plus 7.1, among others.
- **PCM-Stereo** – Always outputs pulse-code modulated stereo, regardless of input audio format.
- **Dolby Digital** – Converts all input formats to Dolby Digital.
- **Dolby Digital Plus** – Converts all input formats to Dolby Digital Plus.

- **Dolby Digital – DTS** – Converts all inputs except DTS to Dolby Digital. If DTS is detected and the receiver supports DTS, passes through the DTS audio without modification.
- **Dolby Digital Plus – DTS** – Converts all input formats except DTS to Dolby Digital Plus. If DTS is detected and the receiver supports DTS, passes through the DTS audio without modification.

**Note:** DTS audio formats are meant to be used with ARC, eARC, or S/PDIF connections to a DTS-capable home theater receiver. If you use one of the DTS options with the TV speakers, you might not hear any audio.

### **Turning off the TV screen while listening to music**

Certain music channels enable you to turn off the TV screen while streaming music to your TV speakers, soundbar, or home theater receiver.

To turn off the TV screen on supported channels:

1. Press STAR to display the Options menu.
2. Press DOWN to highlight Turn off display.
3. Press OK.

Note: This feature is available only on select streaming audio channels, and only when the TV is operating in connected mode with Fast TV Start enabled. To enable Fast TV Start, from the Home screen menu, navigate to Settings > System > Power.

### **Controlling other devices through CEC**

Consumer Electronics Control (CEC) enables your TV and other CEC-compatible home entertainment devices to control one another in various ways. 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. For example, playing a disc on a Blu-ray™ player could switch the TV to the Blu-ray™ player’s input. Or, powering off the TV could also power off the Blu-ray™ player and the home theater receiver.

### **Discover connected CEC devices**

To discover CEC devices:

1. Make sure that your CEC-compatible devices are connected to the TV with a suitable certified HDMI ® Cable that supports HDMI ® ARC and CEC control.
2. Turn on each device and make sure all devices are CEC enabled.

**Tip:** Some manufacturers have their own branded names for CEC functionality, so you might need to read the product documentation to correctly identify the CEC features of the device.

3. 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.

When finished, the TV displays a list of CEC devices that are connected to each HDMI ® input, as well as any devices that had previously been connected. The TV remembers the names of multiple CEC devices even when they are no longer connected. If the list is longer than the allowed space, press STAR to see a complete list in a scrollable window.

### **Enable HDMI ® ARC**

HDMI ® ARC, or on selected TVs, eARC, is the audio return channel that is available on one of the TV's HDMI ® ports. The audio return channel enables you to send Dolby Audio™ or DTS audio content back to a home theater receiver 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.

HDMI ® ARC or eARC is disabled by default. To enable it, in the Home screen menu, navigate to **Settings > System > Control other devices (CEC)**, and then highlight HDMI ARC. Press OK to enable or disable the feature.

### **Enable 1-touch play**

1-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.

1-touch play is disabled by default. To enable 1-touch play, in the Home screen menu, navigate to **Settings > System > Control other devices (CEC)** and highlight 1-touch play. Press OK to enable or disable the feature.

### **Enable system standby**

The system standby feature causes other devices to power off when you power off your TV. Depending on the CEC System Standby implementation, it also might enable connected devices to power off your TV when you power off the device.

System standby is disabled by default. To enable system standby, in the Home screen menu, navigate to **Settings > System > Control other devices (CEC)** and highlight System standby. Press OK to enable or disable the feature.

### **Restarting the TV**

You can restart the TV when necessary. Restarting has the same effect as unplugging the TV power and then plugging it in again.

To restart the TV, navigate to **Settings > System > Power**, and then select System restart. Highlight Restart, and then press OK to confirm restart.

While the TV restarts, the screen goes dark for a few seconds, and then displays the startup screen for a few more seconds. When the restart operation completes, the TV displays the activity you selected in Power on settings.

## **Resetting the TV**

You can choose to reset only the TV picture and audio settings to their original values, or perform a full factory reset to return the TV to the state it was in when you first unpacked and turned it on.

### **Reset audio/video settings**

To reset only the TV picture and audio settings to their original values, navigate to **Settings > System > Advanced system settings > Factory reset**, and then highlight **Reset TV audio/video settings**. Read the information on the screen to make sure you understand what the reset operation does.

To proceed with the reset operation, press **PLAY/PAUSE [IMAGE]** three times in a row.

### **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 Setup, reconnecting to the Internet, re-linking your Roku account, and reloading any streaming channels. You also must repeat live TV setup 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 Store mode to Home mode (if you inadvertently selected Store mode during Guided Setup).

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 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 Setup 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.

### **Models with a RESET button**

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 Setup. See Guided Setup.

### **Models without a RESET button**

1. On the TV panel (not the remote) press and hold down the MUTE and POWER buttons.
2. Unplug the TV power, and then plug it in while continuing to hold down the MUTE and POWER buttons.
3. When you see the startup screen appear on the TV, release the buttons.
4. Turn on the TV and proceed through Guided Setup. See Guided Setup.

### **Network connection reset**

If you want to remove your network connection information without disturbing other settings, navigate from the Home screen to **Settings > System > Advanced systems settings > Network connection reset**, and then select Reset connection.

When you select this option, the TV removes your wireless network information, including the name of the connection (its SSID) and your wireless password, if any, and then it restarts. After restarting, your TV retains all of its other settings including its association with your Roku account.

After resetting your network connection, navigate from the Home screen menu to **Settings > Network > Set up new connection** to set up your network connection and enjoy all of the benefits of your connected TV.

### **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. Roku lets you optionally require that users enter your PIN as an additional verification method when making purchases through the TV or adding items from the Roku Channel Store. In addition, you must have a Roku account PIN before you can enable or disable Guest Mode.

If you created a Roku account PIN and want to change it, or you don't remember your PIN, or if you didn't create a Roku account PIN and want to add one, you can easily make these changes.

1. On a computer, tablet, or smartphone, use your web browser 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. Skip this step if you just want to change your PIN. Otherwise, choose the option you prefer from among those listed:  
Require a PIN to make purchases or to add any item from the Channel Store.

Require a PIN to make purchases.

Do not require a PIN to make purchases.

4. If you choose either of the first two options, enter your PIN twice in the appropriate boxes.
5. Click Save Changes to save your changes and return to the My Account page.  
Note that your current setting is described under PIN Preference.

## Other devices

### Mirror your phone or tablet

Only in connected mode, your TV has a feature called screen mirroring that lets you mirror your compatible smartphone or tablet on your TV. Share videos, photos, web pages, and more from compatible devices.

By default, your TV's screen mirroring mode is set to Prompt. In this mode, when your TV receives a screen mirroring request, it prompts you with the following options, unless you have previously selected Always allow or Never allow for the device:

- **Always accept** – Always accept mirrored content from the mobile device without additional prompting in the future for this device.
- **Accept** – Accept mirrored content from the mobile device this time only. Prompt again next time this device attempts to mirror content.
- **Ignore** – Do not accept mirrored content from the mobile device at this time. Prompt again next time this device attempts to mirror content.
- **Always ignore** – Never accept mirrored content from this mobile device.  
**Note:** You can manage and change the list of devices that are set to Always allow or Never allow by navigating from the Home screen menu to **Settings > System > Screen mirroring > Screen mirroring devices**.
- If you prefer to always allow all screen mirroring attempts without prompting, go to **Settings > System > Screen mirroring**, and then change the Screen mirroring mode to Always allow.
- If you prefer to never allow screen mirroring from any device, change the Screen mirroring mode to Never allow.

### 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 center 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.

### **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 programs and live digital TV channels. Make sure you have the latest version of the Roku mobile app before using this feature.

### **Universal remotes**

In many cases, you can program your cable or satellite universal remote to also control your TV. You will need to have instructions for programming the remote handy. Check with your cable or satellite provider for instructions.

#### **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.