

Get the most out of your new TV

Connect to the Internet

- It's simple, it's easy, and it will unlock a world of entertainment. All you need is a network connection.
- There are hundreds of free streaming channels, paid subscription services like Netflix and Spotify, and convenient ways to rent or buy a favorite film or show with, for example, Google Play.

Pick your favorite streaming channels

- Find the entertainment you love. From the latest blockbuster movies to your favorite TV shows, with tons of live sports, a broad selection of music streaming channels, popular programming in a dozen international languages, 24x7 live news and so much more, your new TCL Roku TV has your sweet spot. A paid subscription or other payments may be required for some channels.

Find Antenna TV shows in the Smart Guide

1. Only in the United States, use the Smart Guide to see not only what's on TV right now, but what was on up to a week ago, and what will be on in the coming two weeks.
2. And for many over-the-air programs, if you start watching the program after it is already in progress, or you see something you missed in the Smart Guide, you can use More Ways to Watch to find streaming channels where you can see the show from the beginning, find other episodes, or entire seasons of the show, if applicable.

Use Roku's Smart TV experience to discover More Ways to Watch on other inputs

- Only in the United States, When watching programs from a cable box,
- Bluray player, or other source connected to the HDMI® or AV inputs, keep an eye out for a notification of streaming channels that offer the program you're currently watching and, if applicable, other episodes, the entire series, or other programs with similar themes.

Personalize your Home screen

1. Put your favorite streaming channels, and TV inputs front-and-center on the
2. Home screen. No more flipping through inputs or wading through complicated menus. You can even customize the names of each input and move tiles around so your most-often used devices and streaming channels are only a click away.

Search for your favorite movie, TV show, actor, or director

- Once you're connected to the internet, you can easily search across top streaming channels and Antenna TV channels. Search by movie or TV show title, actor or director—all from one place
- Search by typing words or phrases using the on-screen keyboard or on your mobile device or, only in the United States, speak words or phrases in a conversational tone using
- Voice Search. Some channels and content require payment.

Pause live TV

- Pause, resume, fast forward, and rewind TV shows. Simply connect your own USB drive with 16GB or bigger capacity to the TV and pause live TV for up to 90 minutes.

Note:

1. Live TV Pause is available on digital TV shows received on the
2. Antenna TV input, and only when the TV is linked to a valid Roku account.

Control your TV with voice commands

1. Only in the United States, use your Roku Voice Remote (select models),
2. Enhanced Voice Remote (select models), or the free Roku mobile app to control your TCL Roku TV.
3. Use conversational voice commands to search for programs by title, actor, director, or genre. Also use voice commands to launch streaming channels, switch inputs, change Antenna TV channels, or open the Smart Guide.

Send your personal media to the big screen

1. Send personal photos, videos, and music from your compatible smartphone or tablet to the TV screen in just a few taps.
2. Plus, with certain channels, such as Netflix and YouTube, you can send movies, shows, sport highlights, and more directly to your TV.

Follow movies coming soon

- Use My Feed to choose from and follow a list of upcoming movies, and then watch for alerts each time one of your followed movies becomes available or changes price.

Take charge with a smartphone or tablet

- Control your TV with the included remote or from your compatible smartphone or tablet with the free mobile app for iOS® and Android™ mobile devices*
- Browse channels, view My Feed, listen to audio from Antenna TV and streaming channels. Search more easily using a your mobile device's keyboard and, only in the United States, Voice Search.

- Mirror your compatible smartphone or tablet on your TV. Share videos, photos, web pages, and more from compatible devices.
- Connect your TCL Roku TV to networks found in hotels and college dorms
- You can temporarily link the TV to your smartphone or table to agree to any terms, enter codes, or provide required information before you can get

Internet access.

1. Using your TCL Roku TV on a restricted public network requires wireless availability and use of your network-connected smartphone, tablet, or computer to authenticate access to your account. You must use your
2. TCL Roku TV remote to initiate the connection process. Streaming content might be limited due to your geographic location or because of restrictions imposed by the network host.

Connections and setup

Protect against power surges

- Connect all components before you plug any power cords into the wall outlet or power strip.
- NEVER plug your TCL Roku TV into an outlet that is controlled by a wall switch.
- Turn off the TV before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the
- Important Safety Instructions.

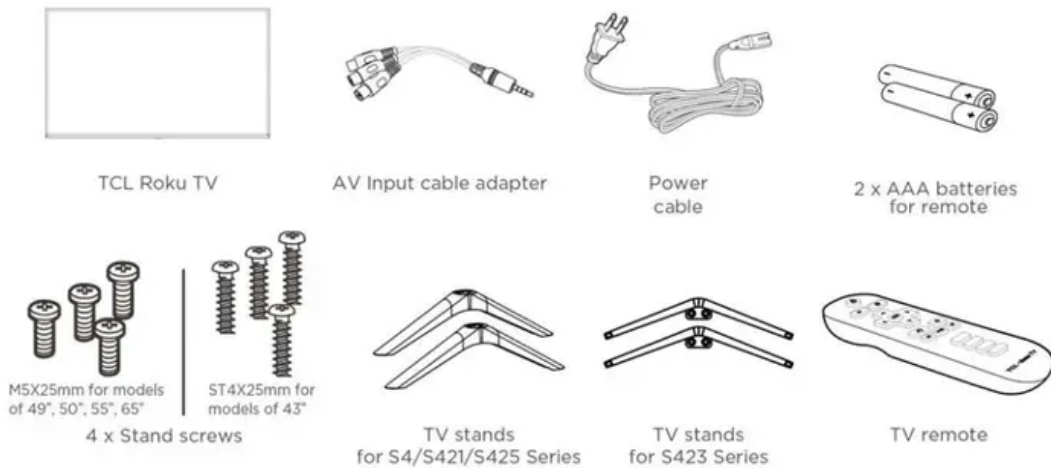
Safety information

- Prevent TV from overheating by placing in an area with good ventilation.
- Do not block ventilation holes on the TV. Position the TV so air can circulate freely on all sides.
- Do not stack objects on the TV.
- If you place the TV on a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier to the TV, place it on the top shelf so the heated air will not overheat the TV.

Avoid audio interference

1. Position cables properly; insert each cable firmly into the designated jack.
2. Route all cables down one side of the back of the TV instead of straight down the middle.
3. If your antenna uses 300-ohm twin lead cables, do not coil the cables.
4. Keep twin lead cables away from audio/video cables.

5. Set up your new TV
6. Open the box and remove the TV and other items. Be careful, the TV is heavy! We strongly recommend that two people unbox the TV.
7. Be sure to check all the foam packaging as the stands from some TV's are stored in the foam for protection.



To use the stand

Your TCL Roku TV comes without the stands attached so that you can choose to use the stands or mount your TV to a wall using a wall mount (sold separately). If you want to mount your TV to the wall, don't attach the stand legs.

- A – Place the TV face down on a soft, cushioned surface on a table. The bag the TV was packed in makes a good cushion. Position the TV so that the stand, when attached, will hang over the edge of the table.
- B – Take out the two plastic covers from the stand holes at the bottom of the TV.
- C – Put the column of the stands into the TV, align the stands with the screw holes located on the TV.
- D – Secure the stands to the TV with four (4) screws

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 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

1. If possible, connect your devices using HDMI® cables (not provided).
2. 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®

Tip:

- You might need to configure the device to send its signal through its HDMI® connector.
- The connector labeled HDMI IN (ARC) has the additional ability to use the audio return channel to send digital audio to a receiver or sound bar, as explained in Connecting an AV receiver or digital sound bar.

Connecting headphones or analog sound bar to the

1. You can connect headphones or an analog sound bar (not provided) to the TV's headphone jack.
2. Inserting a plug in the headphone jack disables the sound from the TV's built-in speakers.
3. 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.
4. 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.
5. 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

1. 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:
2. 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.
3. HDMI® ARC – Connect an HDMI® cable (not provided) from the HDMI
4. ARC) connector to the HDMI® input on your receiver or sound bar.
5. This connection uses the Audio Return Channel (ARC) feature of the
6. HDMI® specification to output sound from the TV to a compatible device. To use this feature, you must configure the TV to enable

7. HDMI® ARC, as explained in Enable HDMI® ARC.

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 4K models have wired in addition to 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 supports both 10 Base-T and 100 Base-T Ethernet.

AC power

1. 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.
2. The topic Status indicator explains how the status indicator shows what is happening with the TV.

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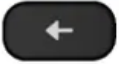


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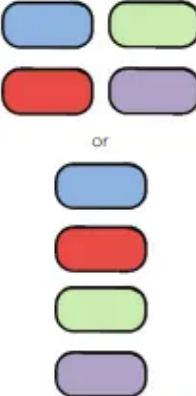


AC power

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

Roku TV remote

BUTTON	FUNCTION	DESCRIPTION
	POWER	Turns TV on and off.
	BACK	<ul style="list-style-type: none"> • Menu: Goes back to previous menu/screen. • Home screen tile: Moves highlight back to the Home screen option. • Watching Antenna TV or a TV input: Returns to Home screen. • Playing streaming content: Stops playing stream and returns to the previous menu or screen. • Browsing streaming content: Goes to the previous level in the content tree.
	HOME	Immediately returns to the Home screen.
	PAD	<ul style="list-style-type: none"> • LEFT/RIGHT/UP/DOWN moves the highlight in the corresponding direction. • OK selects the highlighted option. <p>While watching TV:</p> <ul style="list-style-type: none"> • UP/DOWN changes channel. • LEFT displays the Smart Guide¹ (connected mode) or channel list (non-connected mode). • LEFT/RIGHT <i>only on TVs operating in non-connected mode</i>, while in the channel list switches between All Channels and FAVORITE CHANNELS. • OK while in the channel list selects the highlighted channel. <p>While watching live TV: displays the program information banner.</p>

BUTTON	FUNCTION	DESCRIPTION
	VOICE SEARCH and VOICE COMMANDS	<p><i>Only on select models with Roku voice remotes, hold and say the name of a movie, TV show, or actor. Additionally, only in the United States:</i></p> <ul style="list-style-type: none"> • Search for programs by director or genre, including the special genre "free." • See search results that include Antenna TV channels. • Use your voice to start streaming, change a channel, and more. <p>For more information, go to: go.roku.com/voicesearch</p>
	GAME MODE	<p><i>Select models. Displays a banner showing the current Game mode or Not available at this time. Subsequent presses toggle Game mode. When On, the TV performs less image processing and has less input lag, producing a better experience with action games. Available only for HDMI and AV inputs.</i></p> <p><i>Select models. 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.</i></p> <p>Note: <i>If you have paired Roku Wireless Speakers with your TV, enabling Game mode switches sound back to the internal TV speakers to avoid latency or lag in game play. Disabling Game mode switches sound back to the Roku Wireless Speakers.</i></p>
	INSTANT REPLAY	<p><i>Select models. Streaming programs that support this feature and Antenna TV channels: if Live TV Pause is enabled, jumps back a few seconds with each press and resumes playing.</i></p> <p><i>Broadcast TV: If Live TV Pause is disabled, jumps to previous channel.</i></p> <p><i>When using an on-screen keyboard: Backspaces in the text you are entering.</i></p> <p><i>Smart Guide¹: Returns to the current day and time.</i></p>
	SLEEP	<p><i>Select models. 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 regardless of what you are watching.</i></p>

BUTTON	FUNCTION	DESCRIPTION
	MEDIA PLAYBACK CONTROLS	Rewind, pause, play, and fast forward streaming content and Antenna TV channels (if Live TV Pause is enabled). Press REWIND or FAST FORWARD one, two, or three times to control the speed of the operation. REWIND and FAST FORWARD also jump backward and forward one screen at a time when viewing long lists, such as when you are browsing Antenna TV shows in the channel list or Smart Guide ¹ .
	OPTIONS	Displays additional options when available. On-screen hints let you know when this button is active.
	PRESET CHANNEL SHORTCUT	Dedicated buttons show the logo of a preset streaming content provider. Dedicated content providers vary by model and region. Pressing a button: <ul style="list-style-type: none"> Displays the streaming channel's main page if you have already added the channel to your Home screen. Displays the streaming channel's sign-up page if you have not already added the channel.
	VOLUME/MUTE	Located on the right edge of the remote. Increases/decreases volume and mutes the TV sound. Note: If the TV is muted, pressing VOLUME UP unmutes. Pressing VOLUME DOWN does not unmute the sound.
	HEADPHONE	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.

Guided Setup

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.

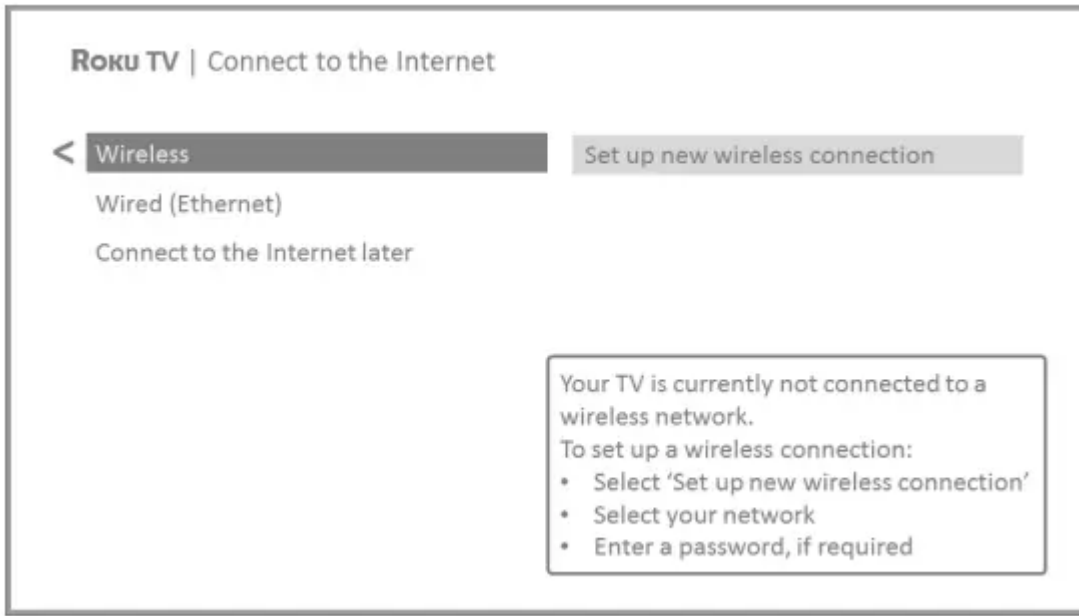
When you first turn on your TV, it will take a few seconds to get itself ready. You'll notice the following things happening:

- 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 power-on 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

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.

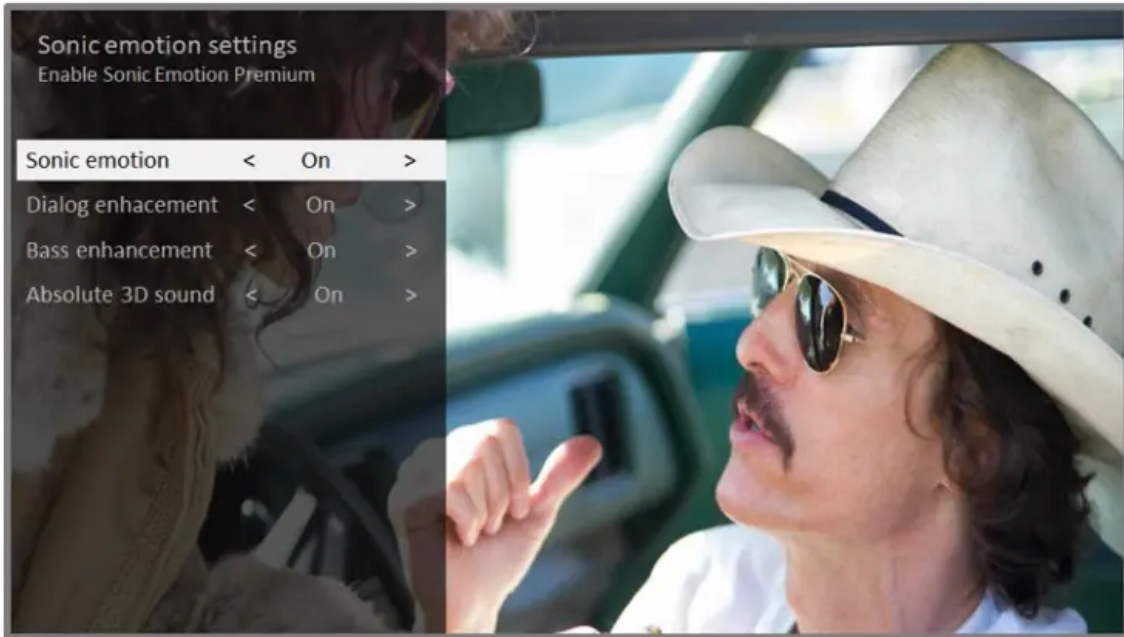


Wireless connection

- 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.

Sonic Emotion settings

When you turn on Sonic Emotion from the Advanced audio settings menu, these additional settings become available:



- Dialog Enhancement – Enhances your ability to hear and understand dialog in the program.
- Bass Enhancement – Enhances the low frequency sound component in the program.
- Absolute 3D Sound – Simulates sound from multiple speakers that would otherwise require installation of a surround sound audio system.

Advanced picture settings

1. The Advanced 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.
2. To use the Advanced picture settings menu, first press **P** to display the Options menu.
3. Then select Advanced picture settings



Advanced picture settings menu options

Picture mode

1. 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,
2. 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,
3. 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 Antenna TV's Movie picture mode. Use Reset picture settings, described below, to return the input's selected picture mode to its original values.
4. Local contrast – Only on select models: Sets the amount of dimming multiple local” areas of the screen's backlight intensity. This setting can make dark areas darker without affecting the brightness of light areas. This option is disabled when Game mode is enabled.
5. 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. This option is disabled when Local dimming/Local contrast is enabled.
6. Backlight - Adjusts the overall light intensity of the screen. On some models, this option is disabled when Dynamic contrast is enabled.

7. Brightness – Adjusts the dark level of the black areas of the picture.
8. Contrast – Adjusts the white level of the light areas of the picture.
9. Sharpness – Adjusts the sharpness of the edges of objects in the picture.
10. Color – Adjusts the intensity of colors in the picture. A setting of 0 removes all color and displays a black and white picture.
11. Tint – Adjusts the color balance from green to red to obtain accurate colors in the picture.
12. Color temperature – Adjusts the overall colors in the picture from Normal to slightly more bluish (Cool) to slightly more reddish (Warm).
13. Action smoothing – Only on select models: Adjusts the amount of action smoothing applied to the video signal. A higher setting results in more smoothing, but can cause undesirable picture artifacts in certain types of
14. Natural Cinema – Only on select models: When enabled, this feature reduces judder” that is often present when 24 frame-per-second movies are upscaled to 60Hz TV standards. Natural Cinema mode is On by default in Movie and HDR

Dark picture modes, and Off by default in other picture modes. When Natural

- Cinema mode is On, Action smoothing is turned off and disabled.
- Action clarity – Only on select 120Hz models: Reduces blur, especially for fastmoving images such as sports.
- LED action clarity – Only on select models: Reduces motion blur caused by LED backlight latency. Enabling this feature inserts black frames between picture frames in a way that improves the clarity of fast movement.
- It provides an improved viewing experience for video games and sporting events. When LED action clarity is enabled, the Brightness and Dynamic contrast settings are disabled.
- You can choose settings of Low, Medium, High, or Off to achieve the desired picture quality. Enabling Game mode sets LED action clarity to Medium.
- 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 currentlyselected Picture mode to their original values



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

Other options

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 continue.

Scan again / Scan again to see all networks

- The name of this option depends on the number of wireless networks within range. o 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. o 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:

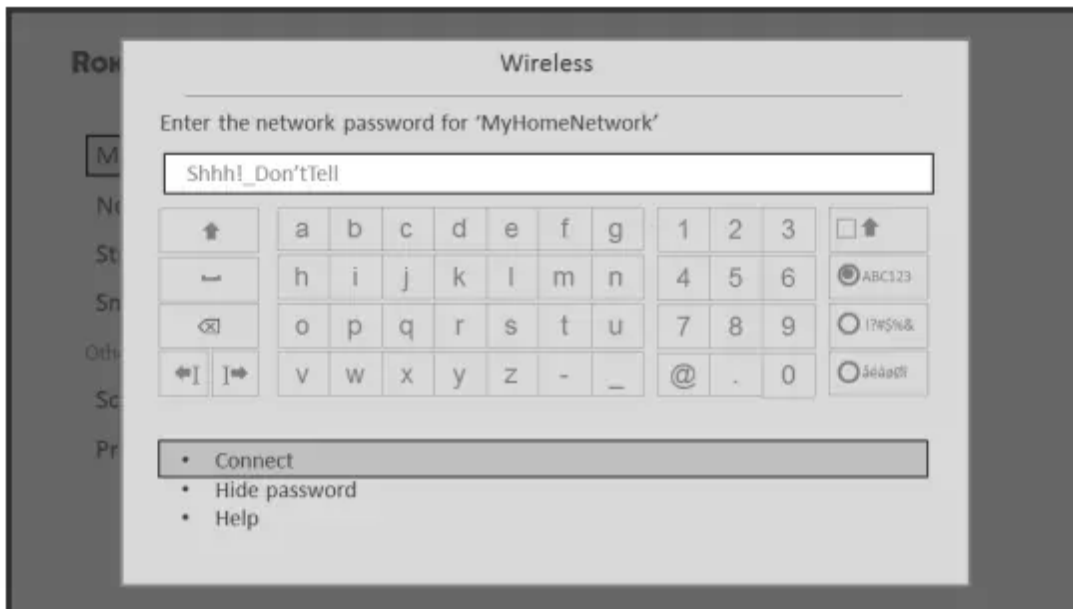
- Highlighting either of these options displays an informational panel with the unique media access control (MAC) address of your Roku TV. You will need the
- MAC address if your wireless router is configured to use MAC address filtering.

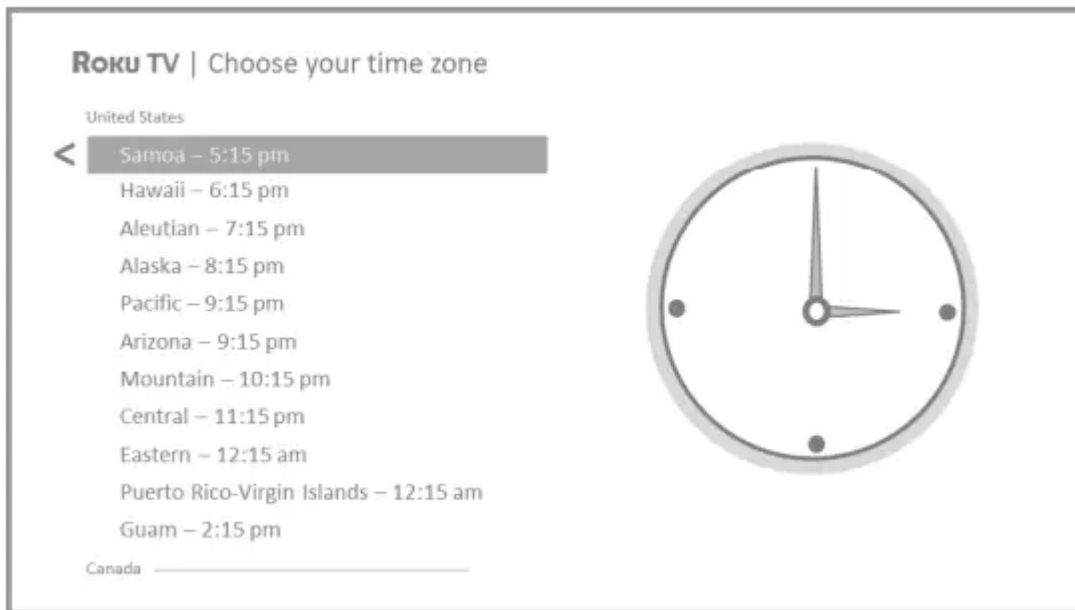
Private network

1. If your wireless network name is hidden, it won't appear in the list.
2. Select Private network to display an on-screen keyboard and use it 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:

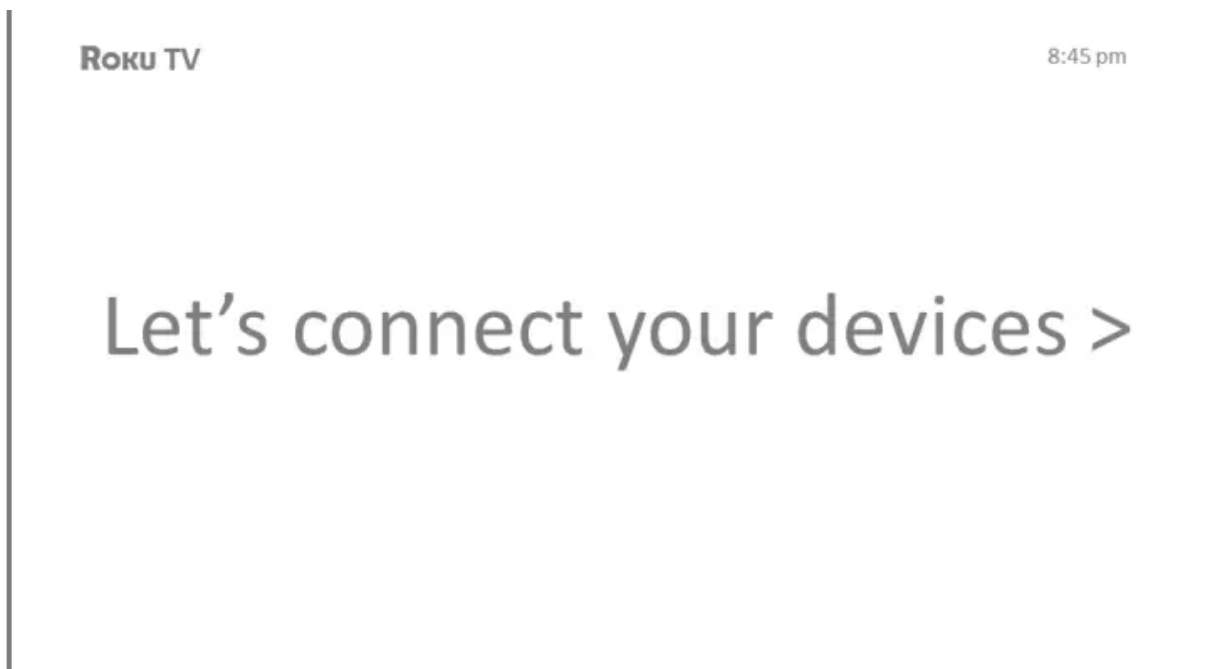
- Wireless networks that are password-protected display a “padlock” icon adjacent to the name. This icon enables you to know that you are going to be prompted to enter a password after you select that network.





Connect your devices

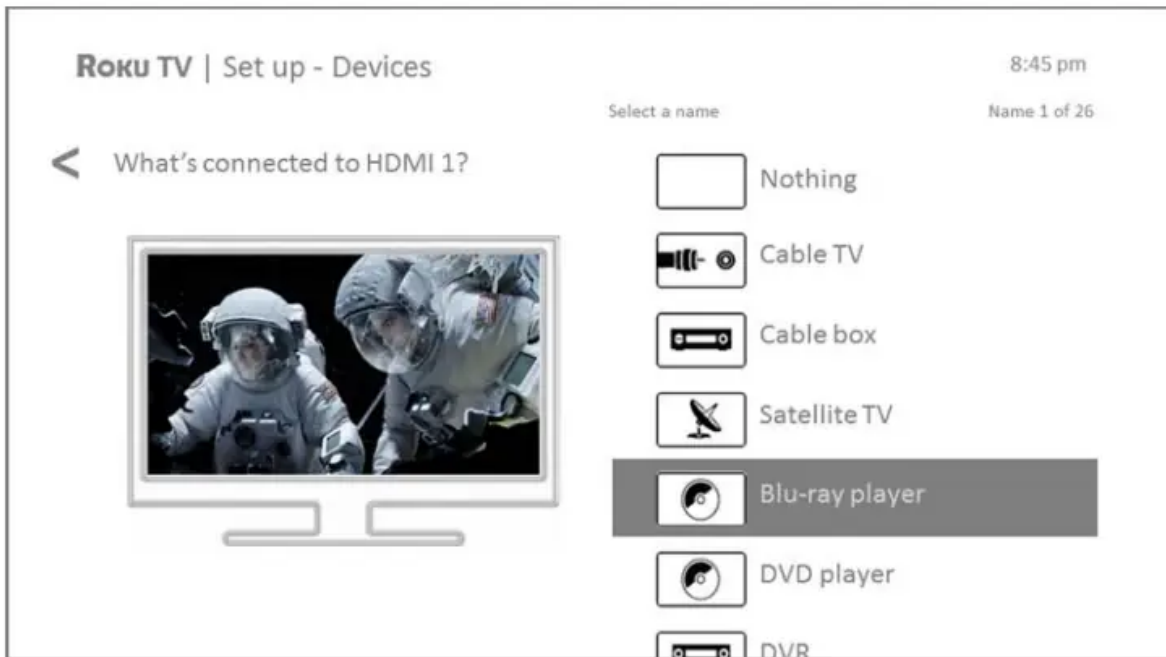
- Next, Guided Setup helps you set up the external devices that you want to use with it, such as a cable box, Blu-ray™ player, or game console.



Press OK or the RIGHT arrow to proceed:

1. 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.
2. The TV now takes you step by step through each of its inputs and asks what kind of device you have connected.

3. On each input that has a connected and active device, you can see its picture and hear its sound.



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

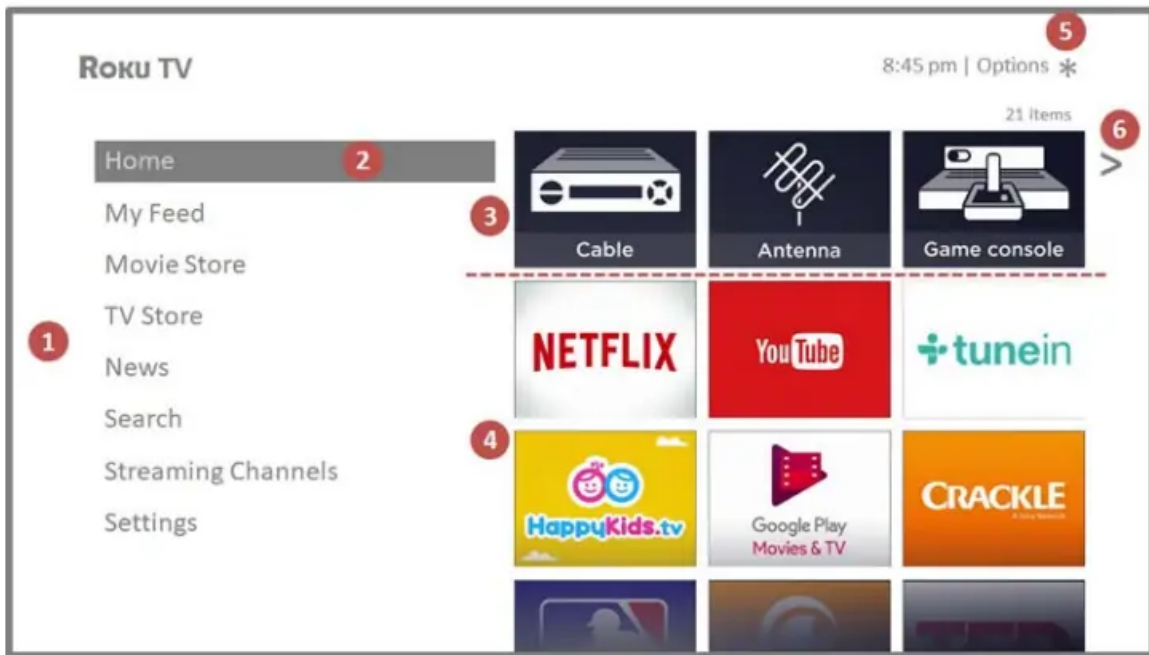
- If you have renamed the inputs, you cannot use voice commands to switch inputs. Voice commands can only switch among inputs that have their original names, such as "AV," and "HDMI 1"

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.

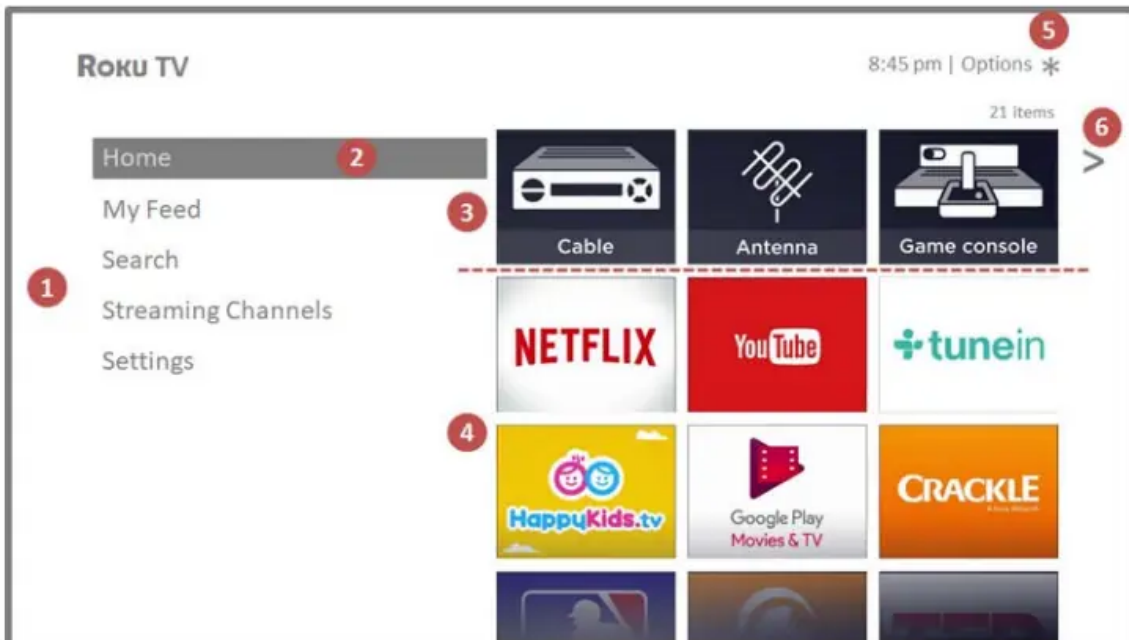
Note:

- 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, United States

1. Home screen menu—shows options available to you when you are on the Home screen.
2. Highlighted option—press OK on the remote to select.
3. TV input tiles—select an input to watch the connected device.



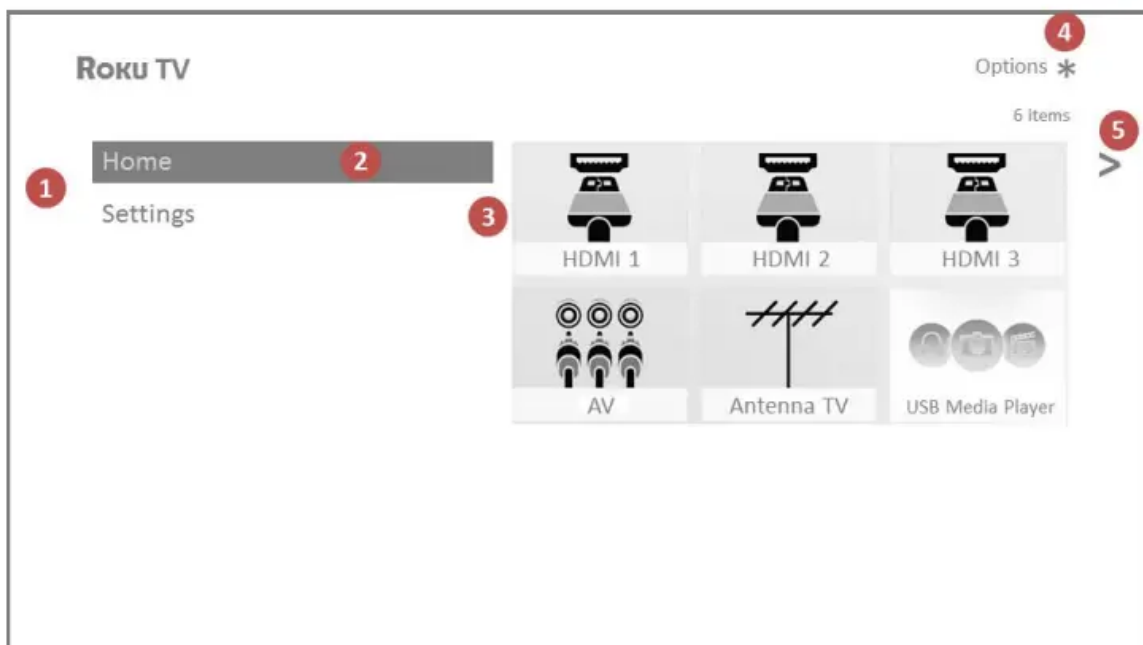
1. Streaming channel and app tiles—select a tile to go to the indicated streaming channel or application.
2. Options hint—press P on the remote for options when this symbol is present.
3. Next screen hint—press the RIGHT arrow on the remote to see the next screen.

Typical connected Home screen, Canada

- Home screen menu—shows options available to you when you are on the Home screen.
- Highlighted option—press OK on the remote to select.
- TV input tiles—select an input to watch the connected device.
- Streaming channel and app tiles—select a tile to go to the indicated streaming channel or application.
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- Next screen hint—press the RIGHT arrow on the remote to see the next screen.

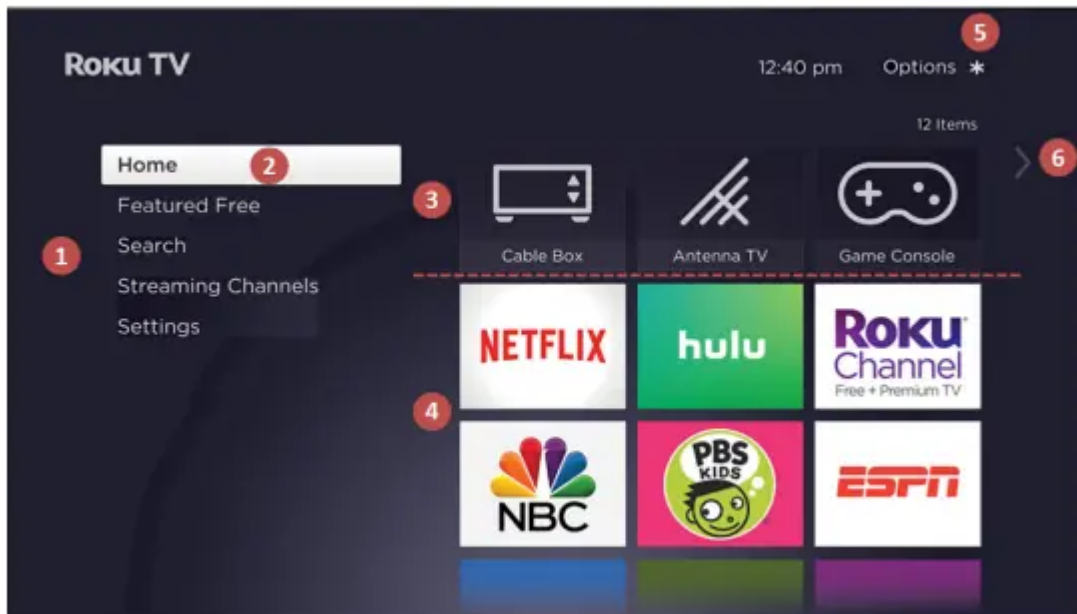
Typical non-connected Home screen

- Home screen menu—shows options available to you when you are on the Home screen.
- Highlighted option—press OK on the remote to select.



- TV input tiles—select an input to watch the connected device.
- Options hint—press P on the remote for options when this symbol is present.
- Next screen hint—press the RIGHT arrow on the remote to see the next screen.

The Home screen



- Typical connected Home screen
- Home screen menu—shows options available to you when you are on the Home screen.
- Highlighted option—press OK on the remote to select.
- TV input tiles—select an input to watch the connected device.
- Streaming channel and app tiles—select a tile to go to the indicated streaming channel or application.
- Options hint—press ***** on the remote for options when this symbol is present.
- Next screen hint—press the RIGHT arrow on the remote 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 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.
- Only in connected mode on U.S. models: hide Featured Free or hide Movie Store and

TV Store.

- Remove a tile by highlighting it and pressing
- Then highlight Remove input or
- Remove channel and press OK.

- Move a tile by highlighting it and pressing
- Then highlight Move input or Move channel and press OK. Use the arrows to move the tile, and then press OK to lock it in its new location.
- Rename a TV input tile by highlighting it and pressing
- 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

Benefits of connecting

Make any night a movie night

1. Thousands of movies to choose from, across all major streaming movie channels like Netflix,
2. Crackle, and more¹
3. You'll never run out of something new to watch.
4. Get in the groove
5. Stream endless hours of music from free and subscription-based channels like Deezer and
6. TuneIn. 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 popular streaming channels like, NHL, Sky News and Google Play, your Roku TV also offers hundreds of 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 like Netflix, Hopster, Acorn TV, and many more.

REMEMBER THAT YOU

MUST CANCEL BEFORE THE FREE TRIAL ENDS TO AVOID SUBSCRIPTION FEES.

1. Take advantage of awesome features
2. Powerful, voice-enabled search helps you use English language voice commands to find movies and TV shows by title and actor, and, in the United States, by director name across multiple streaming channels. Only in the United States, search results also include Antenna
3. TV programs airing in your region as well.

- 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.

More Ways

- Watch only in the United States, gives you recommendations about the show you are watching on the Antenna TV,
- HDMI, or AV input, gives you options to stream the current show from the beginning, the entire season, or the entire series, and recommends other shows with similar themes. It also uses the shows you watch to display ads that are more relevant to you

Setting up Antenna TV

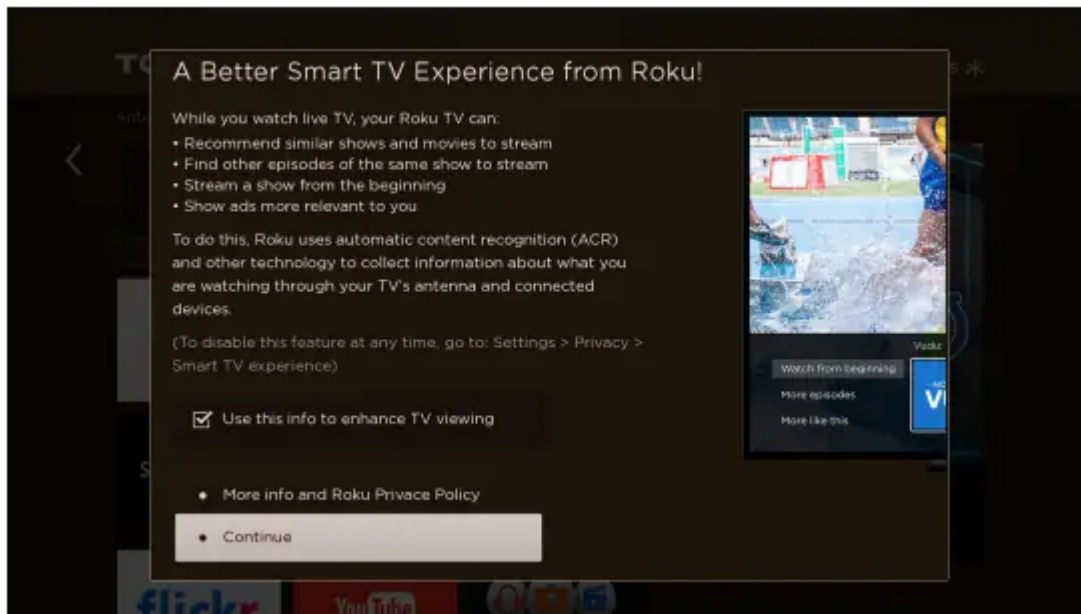
Status indicator

- 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.
Starting up from off state	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.

Opting in to Smart TV experience (U.S. only)

- Only in connected mode in the United States, the first time you select Antenna TV, an HDMI input, or AV input, your TV offers to enable the Smart TV experience
- If you decide to enable it at this time, you're all set to enjoy its recommendations and features.



- The Smart TV experience uses automatic content recognition (ACR) and other technology to collect information about what you watch through your Antenna TV, and on devices like media players and cable boxes connected to the HDMI or AV inputs.
- Opting in means that you give permission to analyze the programs you watch for the purpose of making recommendations, as well showing ads that are more relevant to you.
- If you decide not to enable the Smart TV experience at this first opportunity, you can enable it later.
- Or, if you decide you'd rather not use the feature, you can disable it, but be aware that previously collected information is retained and not deleted.

Changing channels

- To change channels, you can do any of the following:
 - Press the UP arrow to change to the next higher channel.
 - Press the DOWN arrow to change to the next lower channel.
 - Press the LEFT arrow to display the channel list (in non-connected mode) or Smart Guide1 in connected mode), and then press the arrow keys to select the channel or show you want to watch. Press REWIND and FAST FORWARD to move through the list one page at a time. When you've highlighted the channel or show you want to watch, press OK. (If you decide you don't want to change channels, press the BACK button).
- Only if Live TV Pause is not enabled, press to jump to the previous channel. Press again to return to the channel you were watching before you pressed .

Note:

- If the button is not available on your remote, you can use this feature

Using your TV

Using Live TV Pause

- If you have used the Roku remote to watch streaming channels, using Live TV Pause should be very familiar to you.
- While watching a digital Antenna TV channel, press PLAY/PAUSE to pause or play the content. After the TV program has been paused for 90 minutes, the TV resumes playing.
- After watching a channel for a while, press REWIND to jump back up to the point where you first started watching the channel, up to 90 minutes.
- After pausing or rewinding, press FAST FORWARD to jump ahead up to the point where you are once again watching the live TV program.
- Press FAST FORWARD or REWIND repeatedly to cycle through 1x, 2x, and 3x skip speeds. Press INSTANT REPLAY to play back the last several seconds of the program.
- When the program is paused, press the LEFT and RIGHT arrows to move forward and backward through the program approximately 10 seconds per press. Small frames appear across the screen to identify your location in the program.



- Mark your favorite channels
- In non-connected mode, you can make any channel a favorite whenever you're watching

Antenna TV channels.

- Press the LEFT arrow to display the channel list. Notice that the words All channels appear at the top of the channel list.

- Scroll up or down to highlight a channel that you want to make a favorite.
- Press . At this point, you'll see two options:
- Add to favorites

Back

- With Add to favorites highlighted, press OK. A symbol appears adjacent to the channel to indicate that it is now a favorite.
- Repeat these steps to add more favorite channels.

Surf only your favorite channels

- In non-connected mode, after you've marked one or more channels as favorites, you can switch to your favorite channels whenever you're watching Antenna TV channels.
- Press the LEFT arrow to display the channel list.
- Press the LEFT or RIGHT arrow once to switch to Favorites. Notice that the word
- Favorites appears at the top of the channel list.
- 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.
- Press the UP or DOWN arrow 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.

Navigating the Smart Guide

1. To switch to a program that is currently in progress, highlight it, and then press OK.
2. To return to the current time after navigating to a different time slot, press REPLAY .
3. To return to the currently airing program without causing a channel change, press
4. BACK.
5. To see More Ways to Watch, highlight any show that has a purple asterisk (), and then press .

Favorite channels in the Smart Guide

- The Smart Guide organizes your favorite channels at the top of the program list for convenient access. It does this automatically as you use your TV over several days.
- If you would prefer not to have a favorites section in the Smart Guide, you can turn this feature off.

Turn off favorite channels

1. From the Home screen menu, navigate to Settings > TV inputs > Antenna TV >
2. Favorite channels.
3. Highlight Enable 'Favorite channels'.

4. Press OK to clear the check mark.

Using More Ways to Watch

- As you use More Ways to Watch, be aware that you'll only see suggestions on your TV when all of the following conditions are met:
- Your TV is operating in connected mode in the United States.
- If you are watching shows through an HDMI or AV input, you've enabled Smart TV experience. (If you are watching Antenna TV channels, this setting does not matter.)
- The program you're watching contains the information needed to identify it. Note that some programs, such as the daily news, typically do not activate More Ways to Watch.
- At least one participating streaming channel offers the movie or TV show you are watching, or other episodes, or more shows like the one you are watching.
- If all of these conditions are met, you can view the suggestions. More Ways to Watch recommendations appear in several places:
- When watching the HDMI and AV inputs, you'll see a More Ways to Watch notification in the lower right corner of the screen for a few seconds unless you have disabled

Enable auto notifications.

1. After this banner disappears, you can restore the More Ways to Watch prompt by pressing OK.
2. Playing content from USB storage devices
3. Only in connected mode, your Home screen has the Roku Media Player tile. Otherwise, the
4. Home screen has the USB Media Player tile. You can play personal music, video, and photo files from a personal USB flash drive or hard disk connected to the TV's USB port.
5. To use this feature, make sure your media files are compatible with the Roku/USB Media
6. Player. To see the latest list of supported formats, view Help in the Media Player1
7. The Roku/ USB Media Player displays supported file types only, and hides file types it knows it cannot play.

More settings

Guest Mode

1. 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.
2. By enabling Guest Mode, your guests won't have access to your personal streaming channel accounts and won't be able to 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 on-screen keypad to enter your Roku account PIN.
4. Select OK to confirm and put the TV into Guest Mode.

To disable Guest Mode:

- Press the Home button to return to the Home screen menu.
- Navigate to Settings > System > Guest Mode.
- Select Exit Guest Mode.
- Use the on-screen keypad to enter your Roku account PIN.
- 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 not restored.

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 the RIGHT arrow. At this point, you can choose 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.

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

1. Set a time delay after which the TV will automatically shut off.
2. This setting reflects the setting you can make in the Options menu from any TV input, as explained in Options menu settings. Note that the sleep timer setting is not input specific.

Time zone

1. Select whether to set the time zone automatically or manually, and if set manually, select your current time zone.
2. Typically, a TV connected to the Internet can discover its own time zone automatically, and a TV that is not connected to the Internet must be set manually.
3. Initially, this setting is made when you set up the TV tuner, as explained in Setting up Antenna TV. Correct time zone information is needed to correctly display program data.

Clock format

- Select 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

Scan again for Antenna TV channels

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

Change cable providers

1. Reorient your TV antenna
2. Move to a different city with different channels
3. Whenever you need to update your TV channel list, you can repeat the channel scan.

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.

Note:

- Repeating the tuner channel scan unhides all hidden channels.

To repeat the channel scan, from the Home screen menu, navigate to Settings > TV inputs

- Antenna TV > Scan again for channels.
- Then select Start finding channels to begin the channel scan process.
- The screens and options that appear during this process are identical to those described in How do I set up the TV tuner?

HDMI® mode (4K models only)

1. On 4K (UHD) TVs, you can independently configure each HDMI® input to match the capabilities of the connected device. From the Home screen menu, navigate to Settings > TV inputs, and then select an enabled HDMI® input. Next, select HDMI mode and then select one of the following settings:
2. Auto – Let the TV determine the best setting. Use this option unless your HDMI® device does not correctly communicate its HDMI® version compatibility.
3. HDMI 1.4 – Configure the input for compatibility with HDMI® version 1.4, which supports a maximum refresh rate of 30 Hz at full UHD resolution. Most HDMI® devices will work correctly with the TV in this mode.
4. HDMI 2.0 – Configure the input for compatibility with HDMI® version 2.0, which supports a maximum refresh rate of 60 Hz at full UHD resolution. You must use this mode to view
5. HDR content from the device connected to this HDMI® input. However, note that many older HDMI® devices do not work correctly when the TV's HDMI® input is set to this mode.

Control by mobile apps

- You can choose the level of control you want to allow your TV to accept from external devices, such as smart phones, tablets, and virtual assistants. Device connect settings enable other devices, including the Roku Mobile App, to control your TV over the local area network in your home.
- To adjust the level of external control access:
- From the Home screen menu, navigate to Settings > System > Advanced system settings > Control by mobile apps.

Select Network access.

- Choose one of the following settings:
- Default – Devices can connect only through a private network address, and accept commands only from other private network addresses on your home network. This

setting is suitable for most cases, including use of the Roku mobile app on your smartphone.

- Permissive – Devices can connect under all conditions, but accept commands only from private network addresses or the same subnetwork within your home network.
- This setting might be required when attempting to operate the TV from a thirdparty application, for example, one of the Internet of Things (IoT) applications such as ifttt.com.
- Disabled – Device connection is completely disabled. The TV does not
- Turning off the TV speakers for home theater use
- When you use your TV with a sound bar or an external amplifier and speakers, you'll probably want to turn off the internal TV speakers.
- To turn off the TV's built-in speakers, in the Home screen menu, navigate to Settings > Audio >
- TV speakers and change the setting.

Tip:

- The TV's internal speakers can be enabled and disabled automatically as needed by system audio control, as described in Enable system audio control. Using the headphone jack also turns off the internal speakers.

Setting up a digital audio connection

1. To take advantage of your TV's advanced audio capabilities, connect it to an external amplifier, receiver, or sound bar by using either of these two digital audio connections:
2. HDMI ARC – The HDMI® Audio Return Channel enables the TV to output digital audio on one of its HDMI® connectors. The connected amplifier can also function simultaneously as an input source to the TV, if needed. To use the ARC capability, you must connect an HDMI® cable from your amplifier's HDMI® ARC connector to the HDMI ARC connector on the TV. You also must:
 - o Be sure your HDMI® cable is certified by HDMI®.
 - o Enable HDMI ARC under Settings > System > Control other devices (CEC), as explained in Enable HDMI® ARC.
3. SPDIF optical – The SPDIF optical connector outputs a digital audio signal.
4. To use the optical output, connect a TOSLINK optical cable from the amplifier to the Optical or SPDIF connector on the TV.
 - Note: Dolby Audio™ supporting Dolby Digital Plus™ format is not available through the SPDIF optical output. This format is only available through the HDMI® ARC connection.

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:
- Make sure that your CEC-compatible devices are connected to the TV with a suitable High Speed HDMI® Cable that supports HDMI® ARC and CEC control.
- 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.

- 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 P to see a complete list in a scrollable window.

Enable HDMI® ARC

1. HDMI® ARC is the audio return channel that is available on one of the TV's HDMI® ports.
2. The audio return channel enables you to send a Dolby Audio™ signal back to a home theater receiver that is also sending an audio and video signal into the TV.

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 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 Antenna 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).

Models with a RESET button

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

Models without a RESET button

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

FAQ

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
2. RESET button on the TV connector panel.
3. Continue to hold the RESET button for approximately 12 seconds.
4. When the reset cycle completes, the status indicator comes on dim.
5. Release the RESET button. The TV is now powered off.
6. Turn on the TV and proceed through Guided Setup. See Guided Setup.

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- MUTE and POWER buttons.
- When you see the startup screen appear on the TV, release the buttons.
- 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 and its association with your Roku account.
- After resetting your network connection, navigate from the Home screen to Settings >
- Network > Set up new connection to continue enjoying all of the benefits of your connected TV.

Checking for updates on a connected TV

1. If you're one of those people who has to have the latest, most up-to-date features the moment they are available, you can check for updates as often as you want.
2. To check for updates, navigate to Settings > System > System update, and then select
3. Check now. The TV responds either with a message saying that your TV is up to date, or with a message saying that an update is available.
4. Follow the instructions on the screen to install the system update.

Note:

- Sometimes system updates install new system software, and other times they install new features for streaming channels.
- Therefore, you won't always see a change in the behavior of your TV after a system update.

USB flash drive

- Any normal USB flash drive will work, provided it has a FAT-16 or FAT-32 file system format. (This is the default for most flash drives.)
- The size of the download is small—usually less than 100 MB—and so will fit on most any size flash drive you might have.
- When the download finishes, take the USB flash drive to the TV and plug it into the USB port. When you do, the TV validates the files on the flash drive and displays a 12-digit code.

- Write down the code and the web address, and take this information back to your Internet-connected computer.
- On the 12-digit code page, enter the code your TV displayed, and then click Next.
- On the 6-digit code page, write down the 6-digit code that appears, and then take it back to your TV. and 6-digit codes
- The USB update process uses a pair of codes to validate that you are authorized to install an update, and to ensure you are not attempting to install an old, unsupported version of the system software.
- Using the TV remote, select Next to move to the next screen, and then use the on-screen keyboard to enter the 6-digit code. When finished, select OK. The system update begins. Do not remove the USB flash drive until the TV restarts.
- When the update finishes, the TV restarts. You can check the new version number by navigating to Settings > System > About.

Care and Cleaning

Caution: Turn off your TV before cleaning.

- Clean the TV as needed using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

IMPORTANT: Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

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.