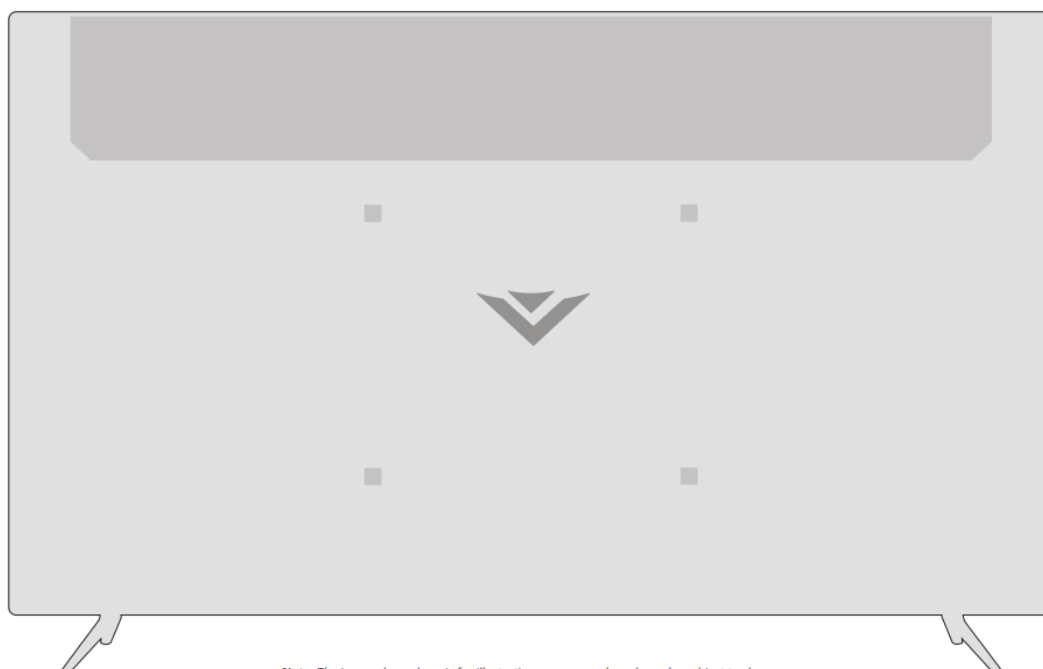


Getting to Know Your TV




FRONT PANEL










REAR PANEL



Note: The image shown here is for illustrative purposes only and may be subject to change. The actual number of ports and their locations may vary, depending on the model.

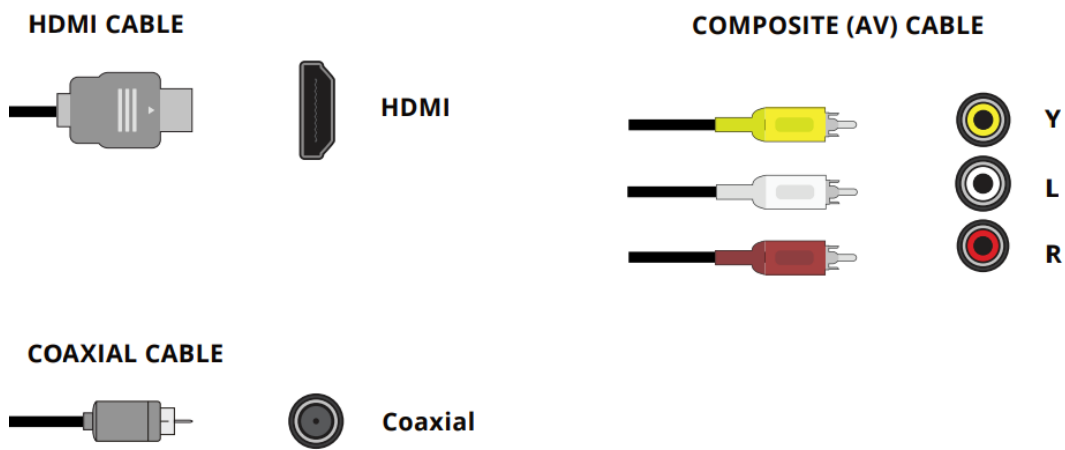
Power Press to turn on the TV. Press and hold to turn the TV off.	
Volume Press to increase or decrease the TV volume level.	
Input Press to access the input menu.	

HDMI Connect an HDMI device	
Composite Connect a composite	
Audio Out Connect to an RCA device, such as sound bar	
Coaxial Connect to a coaxial cable from cable, satellite, or antenna	
USB Connect a USB thumb drive to play photo, music, or video	
Optical Audio Out Connect to an optical/SPDIF audio device, such as home audio receiver	
Ethernet Connect an Ethernet cable to modem/ router	

Connecting a device — AUDIO & VIDEO CABLE TYPES

Your TV can be used to display output from most devices.

1. Verify that your device has a video port that matches an available port on the TV (HDMI, Composite, etc.).
2. Connect the appropriate cable (not included) to the TV and the device.
3. Turn the TV and your device on.
4. Set the TV's input to match the connection you used (HDMI-1, HDMI-2, etc.)

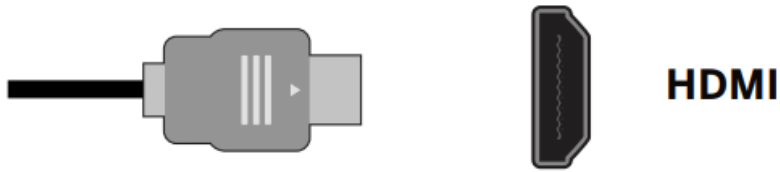


Connecting a device — AUDIO CABLE TYPES

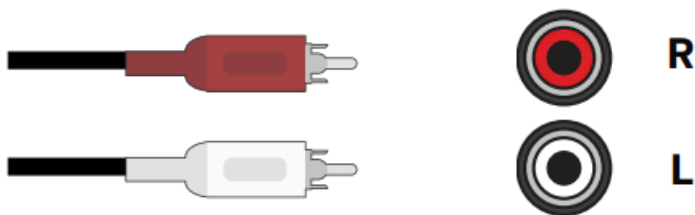
Your TV can be output sound to an audio device, such as a receiver or sound bar.

1. Verify that your device has an audio port that matches an available port on the TV (optical, RCA, etc).
2. Connect the appropriate cable (not included) to the TV and the device.
3. Turn the TV and your device on

HDMI CABLE



COMPONENT AND/OR COMPOSITE CABLE



OPTICAL/SPDIF CABLE



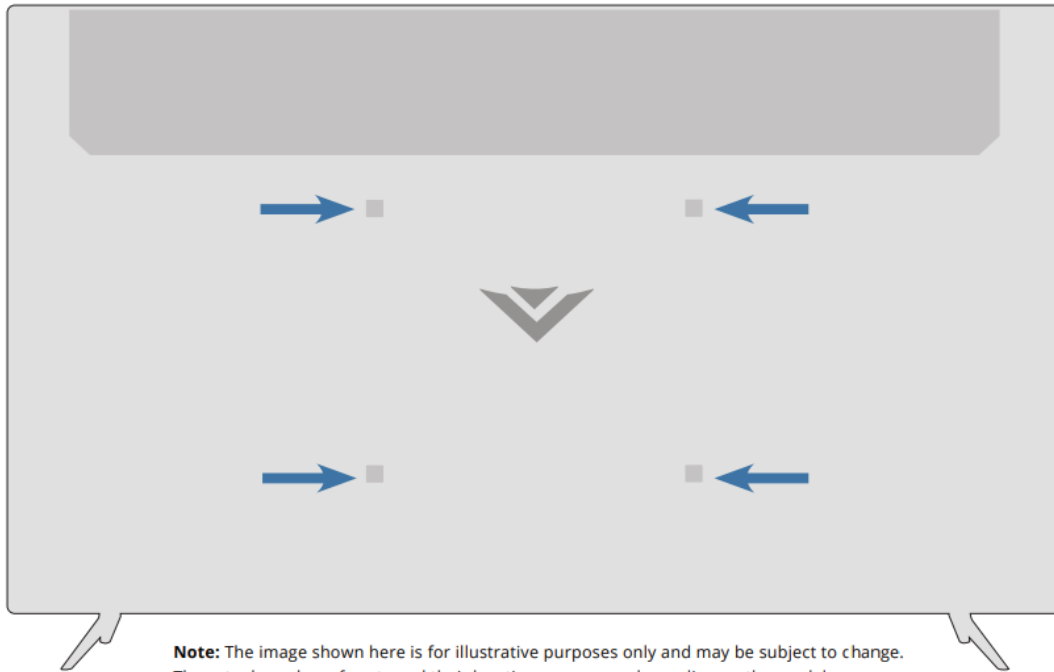
WALL-MOUNTING THE TV

First you will need a wall mount. Consult the provided table below to find the appropriate mount for your TV.

Be sure the mount you choose is capable of supporting the weight of the TV.

To install your TV on a wall:

1. Disconnect any cables connected to your TV.
2. Place the TV face-down on a clean, flat, stable surface. Be sure the surface is clear of debris that can scratch or damage the TV.
3. If attached, remove the stands by loosening and removing the screws.
4. Attach your TV and wall mount to the wall by carefully following the instructions that came with your mount. Use only with a UL-listed wall mount bracket rated for the weight/load of your TV.



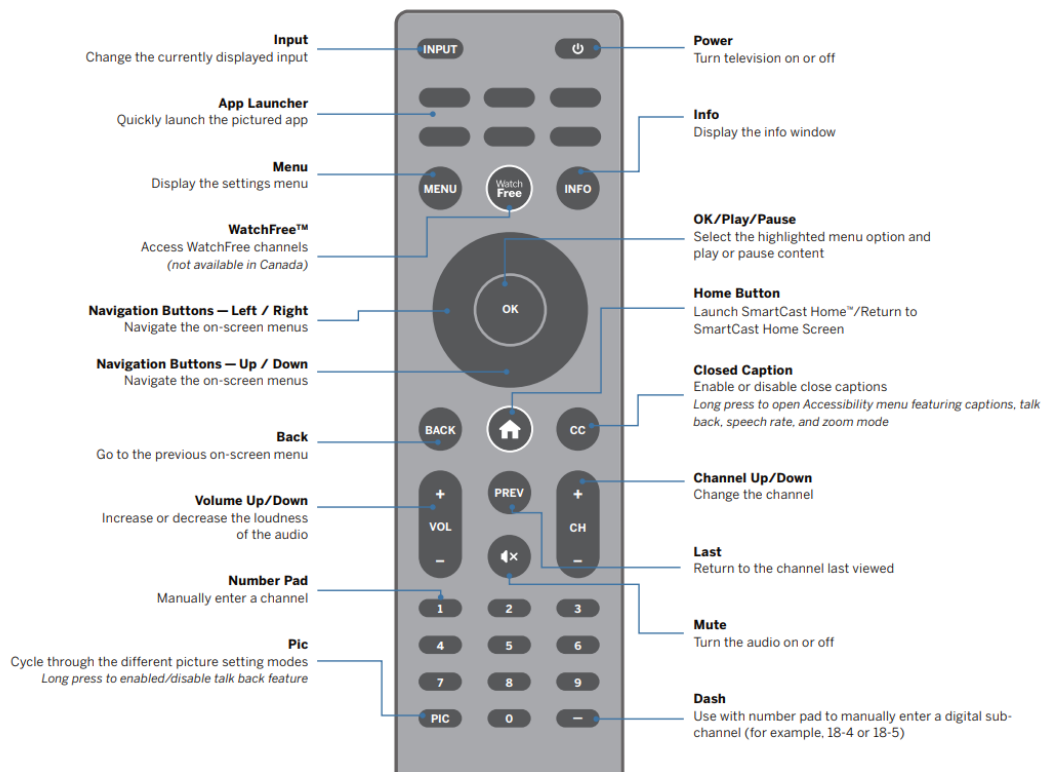
Tips: Installing a TV on a wall requires lifting. To prevent injury or damage to the TV, ask someone to help you.

WARNING: Do not use the screws that are included inside the wall mount holes to mount TV.

	M556-H1	M556-H4	M656-H4
Screw Size:	M6	M6	M6
Hole Depth:	14 mm	17.9 mm	18 mm
Hole Pattern:	300 mm x 200 mm	400 mm x 200 mm	400 mm x 200 mm
Weight w/o Stand:	32.41 lb (14.7 kg)	31 lb (14.06 kg)	41.89 lb (19 kg)



USING THE REMOTE



Replacing the Batteries

1. Push the bottom of the battery compartment and lift battery cover to open.
2. Insert two batteries into the remote control. Make sure that the (+) and (-) symbols on the batteries match the (+) and (-) symbols inside the battery compartment.
3. Replace the battery cover and click to close.



In many places batteries cannot be thrown away or discarded with household waste. Please ensure you properly dispose of your batteries consistent with the laws and/or regulations where you live. For more information please visit: www.vizio.com/environment

WARNING: Keep the remote control batteries away from children. It may cause choking and/or lead to a fire or chemical burn if mishandled. Do not dispose of batteries in fire. Replace only with batteries of the correct type.

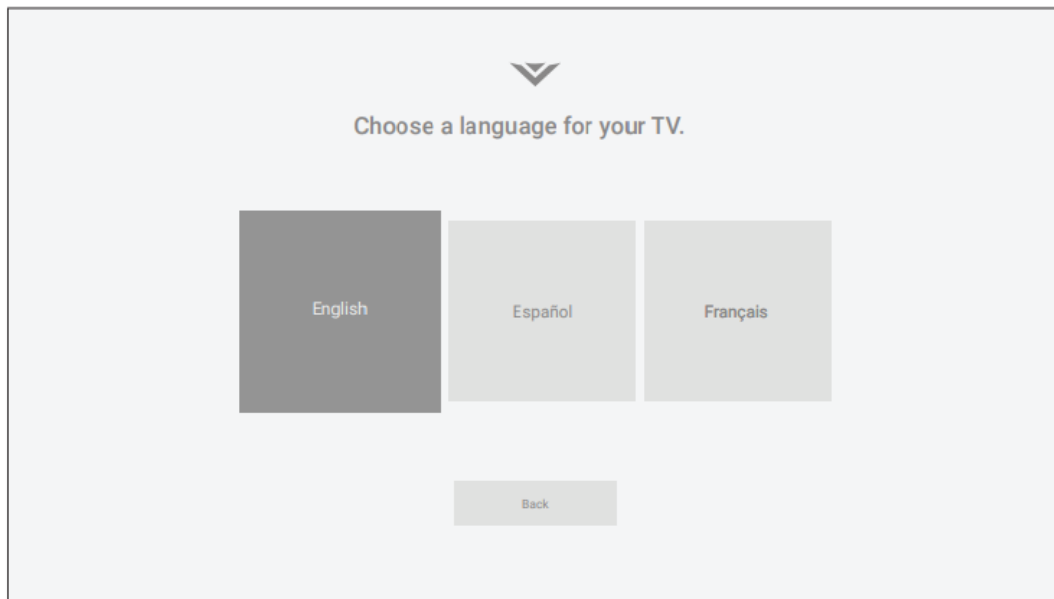
TIP: When needed, VIZIO recommends replacing the batteries that came with this remote with two, new Duracell 'AAA' alkaline batteries.

Completing The First-Time Setup

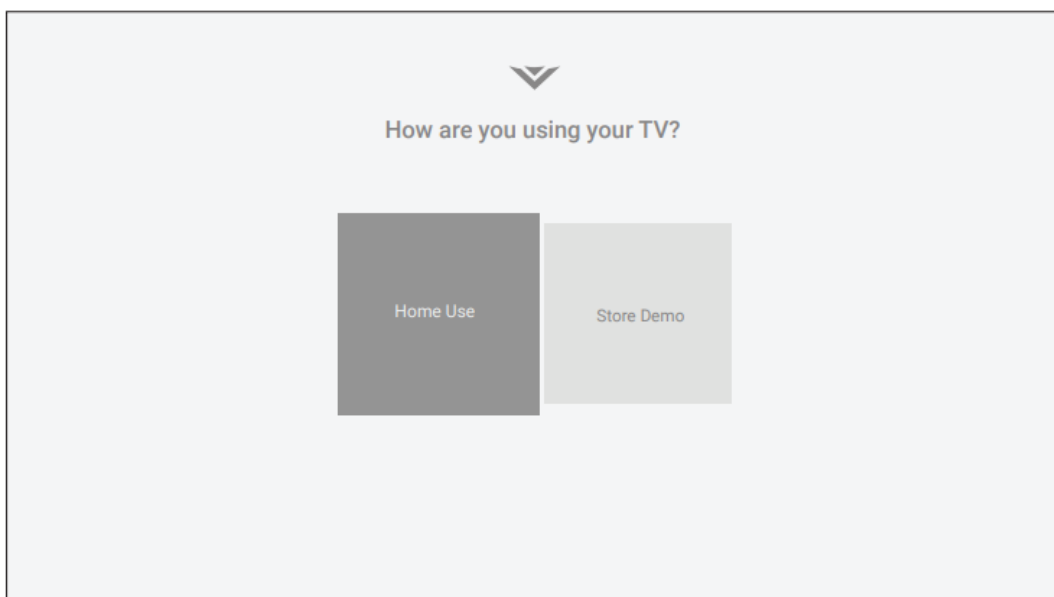
Before you begin the first-time setup:

- Your TV should be installed and the power cord should be connected to an electrical outlet.
- If you have a wireless network, have the network password ready.
- If you are connecting to your network with an Ethernet cable, connect it to the Ethernet port on the TV.

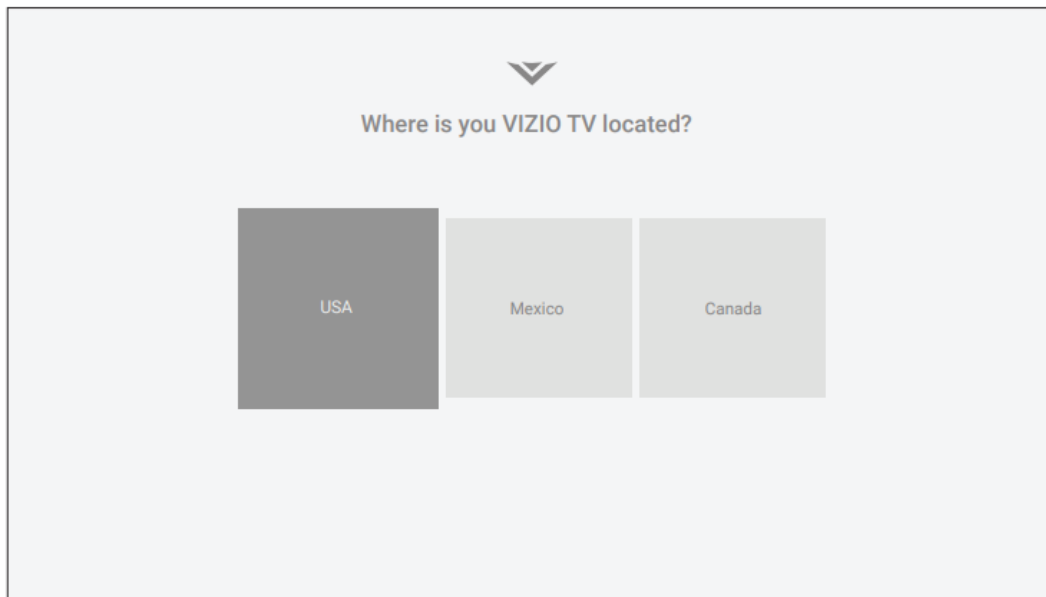
The first time you turn on the TV, the on-screen instructions will guide you through each of the steps necessary to get your TV ready for use:



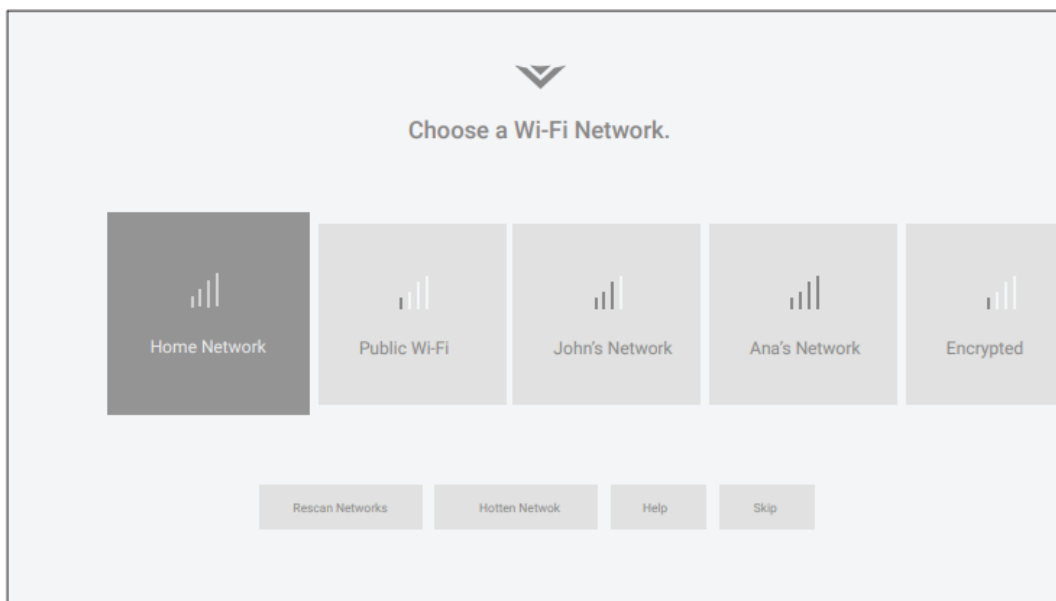
1. Choose your language. Pressing the CC button will enable TTS (text-to-speech) functionality.



2. Choose home use

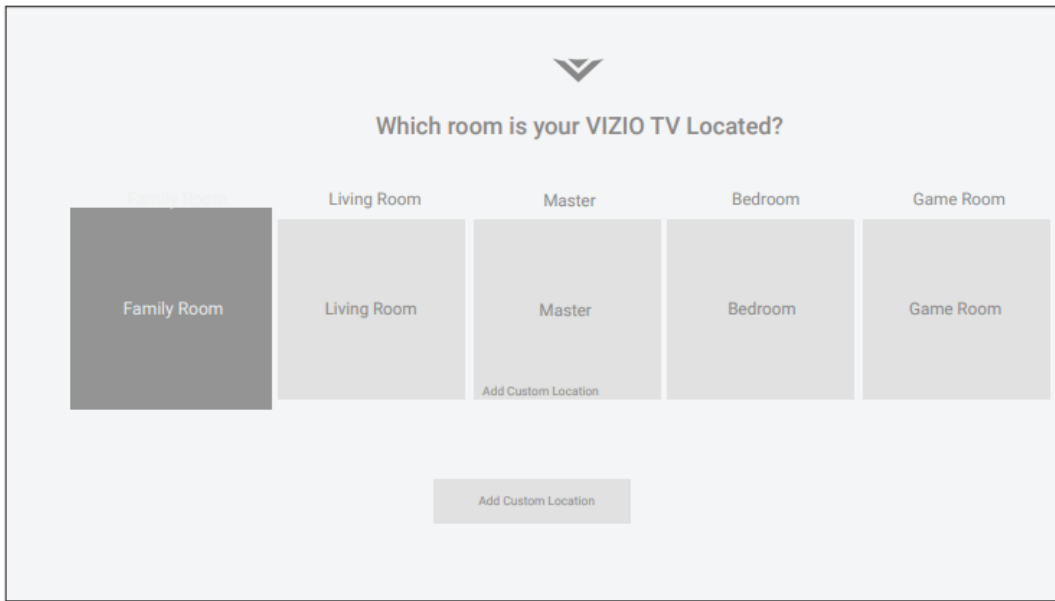


3. Choose your country.

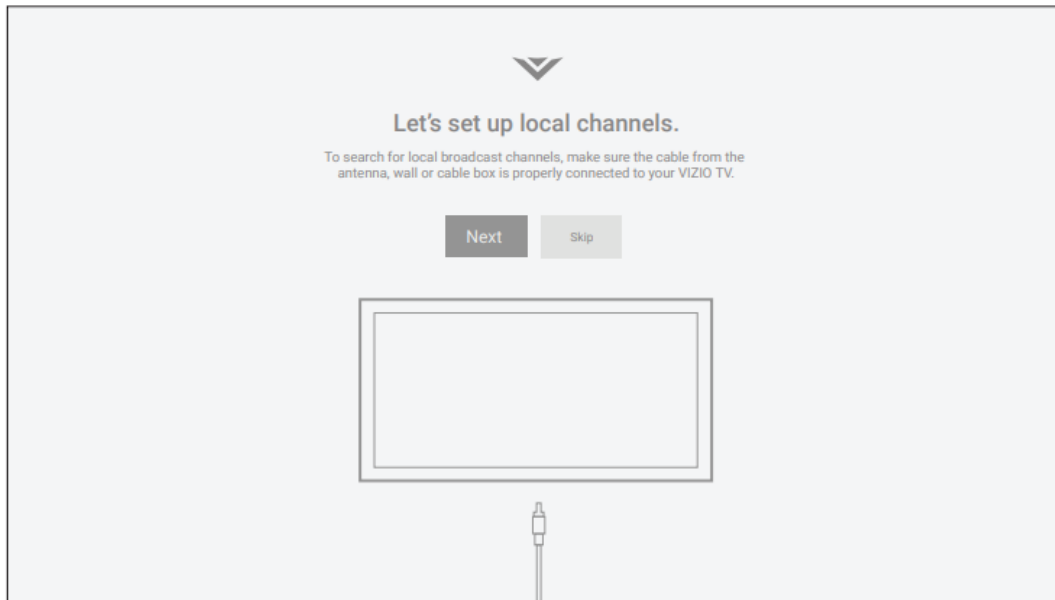


4. Choose your Wi-Fi network and enter the password



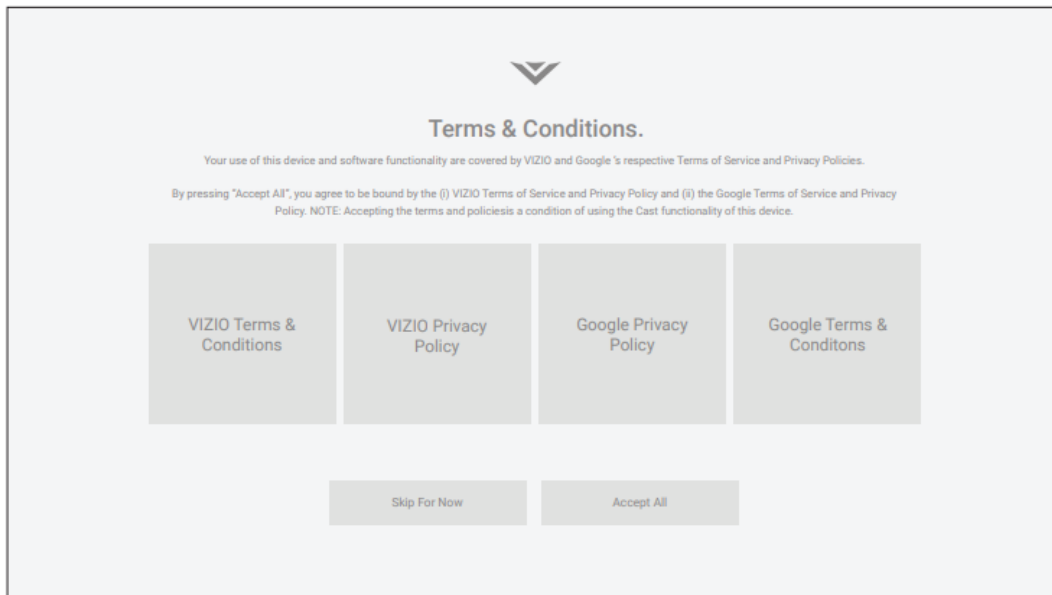


5. Name your TV

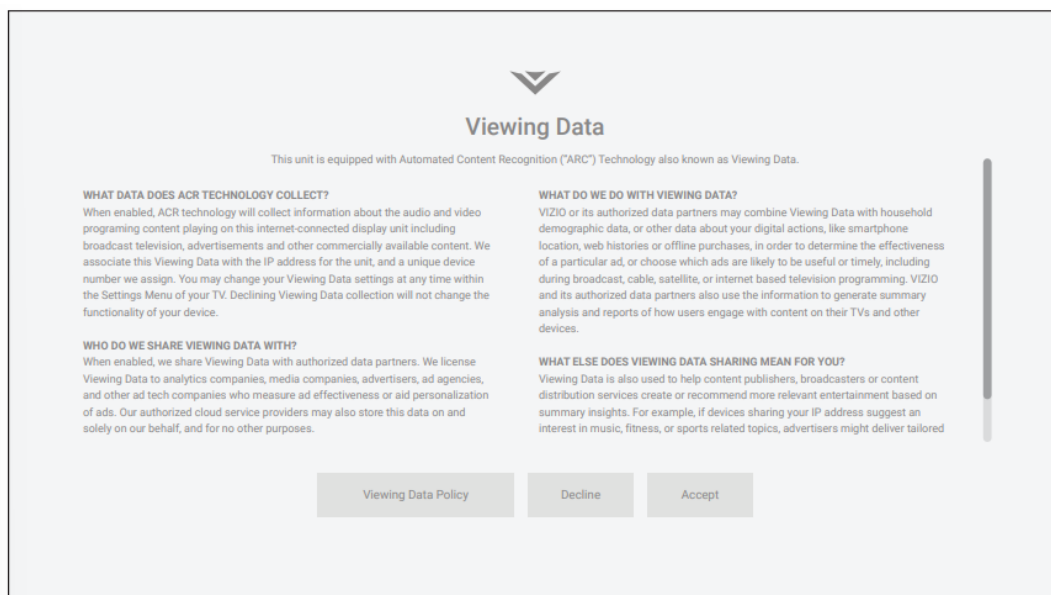


6. Scan for channels





7. Accept the Terms & Conditions.



8. View and accept VIZIO Viewing Data Policy.

On-Screen Menu

NAVIGATING THE ON-SCREEN MENU

To open the on-screen menu:

1. Press the MENU button on the remote.
2. Use the Navigation buttons to highlight a menu option, and press the OK button to select that option

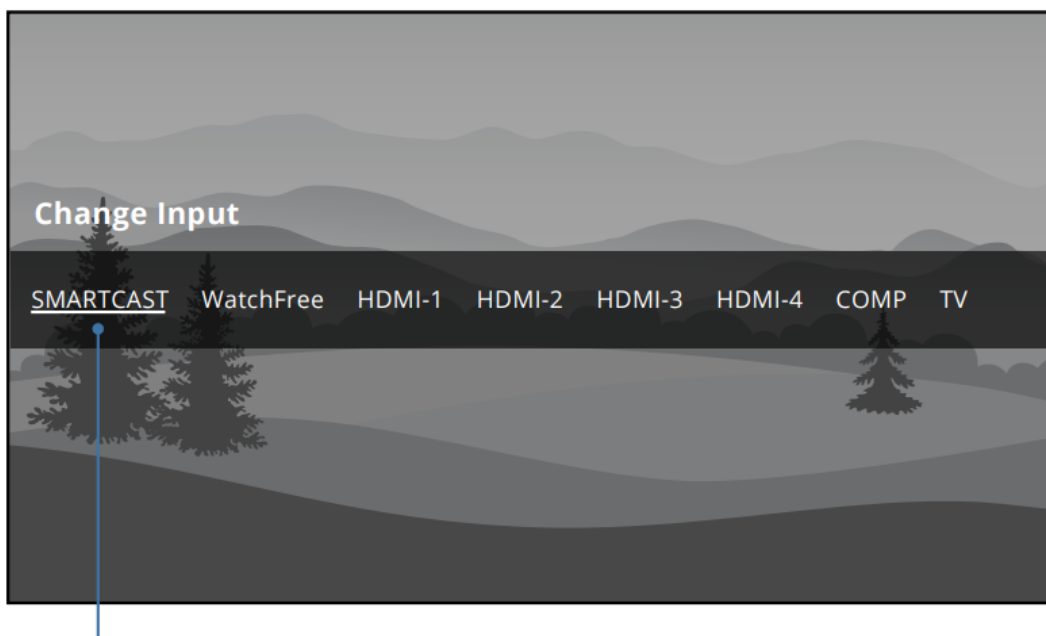
TIP: While navigating the on-screen menu, you can press the **BACK** button at any time to return to the previous menu screen.

CHANGING THE INPUT SOURCE

External devices, such as DVD players, Blu-ray Players, and video game consoles, can be connected to your TV. To use one of these devices with your TV, you must first change the input source using the Input menu.

To change the input sources:

1. Press the INPUT button on the remote. The input menu is displayed.
2. Use the Navigation buttons or the INPUT button on the remote to highlight the input you wish to view. The corresponding inputs are named on the back of your TV.
3. Press OK or release the INPUT button. The selected input is displayed



Input Name

The underlined input on the left is the current input selected. Inputs may vary by TV.

TIP: You can change the input names that appear on the Input menu to make your devices easy to recognize. See Renaming Devices on the Input Menu

ADJUST THE PICTURE SETTINGS

Changing the Picture Aspect Ratio

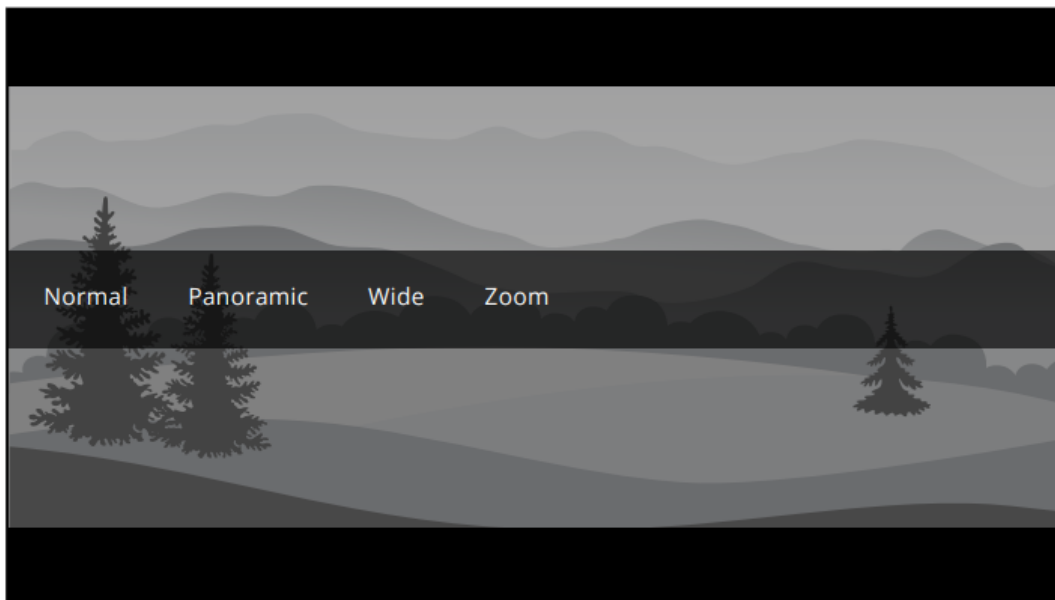
To change the screen aspect ratio: Menu > System > Picture Aspect

Use the Navigation buttons to highlight the aspect ratio you wish to view.

Your TV can display images in different modes:

- Normal (default) — No change to aspect ratio.
- Panoramic* — Stretches a 4:3 image to fill 16:9 screen with an algorithm so the center doesn't look stretched.
- Wide — Stretches a 4:3 aspect ratio to fill 16:9 screen. If a 16:9 image, adds black bars to top and bottom.
- Zoom — Expands image both horizontally and vertically by 14%.
- Stretch* — When the 16:9 signal is a 4:3 image with black bars left and right, stretches to fill the screen.

Some programs have black bars on the top or sides of the screen so that the picture keeps its original shape. Examples include widescreen movies and older TV programs.



TIP: The aspect ratio cannot be changed for Ultra HD content or HDR content.

* Available aspect ratio settings may vary by input source. Panoramic mode is only available for standard definition TV (480i/480p) and Stretch mode is only available for high definition TV (720p/1080i/1080p).

Adjusting Advanced Picture Settings

To adjust advanced picture settings: Menu > Picture > Picture Mode

Use the Navigation buttons to highlight the setting you wish to adjust, then press the Left/Right Navigation buttons to change the setting:

- Black Detail — Adjusts the average brightness of the picture to compensate for large areas of brightness.

- Super Resolution — Configures the resolution to enhance dim and blurred pictures resulting in a sharper image.
- Edge Enhancement — Increases the smoothness of edges.
- Local Contrast — Adjust the contrast of the picture locally.
- Backlight Control — Dynamically improves the contrast ratio of the picture by adjusting the backlight.

Advanced Picture	
Black Detail	Off
Super Resolution	Medium
Edge Enhancement	Low
Local Contrast	Low
Backlight Control	Off
Reduce Noise	
V-Gaming Engine™	
Film Mode	On
Gamma	2.1 - Normal
Color Calibration	Off

- Reduce Noise:
 - Signal Noise: Reduces background picture noise when viewing analog sources. This function helps to correct "speckle" noise with a slight reduction in sharpness.



- Block Noise: Reduces the side effects of digital compression such as blocking and noise on sharp edges. The High setting will cause a slight reduction in sharpness.
 - Contour Smoothing: Removes visible contour noise without loss of the complex detail.
 - V-Gaming Engine™:
 - Game Low Latency: Reduces video delay (lag) when gaming. When set to Auto and Automatic Low Latency Mode (ALLM) is detected, ALLM will apply for the duration of the game.
 - Game HDR: Optimizes picture quality for HDR game.
 - Film Mode — Optimizes the picture for watching films. Select On or Off.
 - Gamma — Set the shape of the Gamma curve. Use lower Gamma values for bright room conditions, and higher values when it's dark.
 - Color Calibration — Calibrate colors using HSB, gain, offset and 20 point white balance and test or reset colors to defaults.
-

Adjusting the Color Tuner Settings

The Color Tuner settings allow you to adjust the color management system, 20 point white balance, turn color channels off for testing, and display SMPTE, flat, ramp, and uniformity analyzer test patterns.

To access the color tuner table:

Menu > Picture > Advanced Picture > Color Calibration > Color Tuner

WARNING: The Color Tuner, 20 Point White Balance, and test patterns allow technicians to manually calibrate the TV. Calibration requires specialized training, an input with precisely set colors, and a specialized light meter.

To turn color channels off and on:

1. Use the Navigation buttons on the remote to highlight Red, Green, or Blue.
2. Press the OK button to turn the color channel off or on. An X appears over a color channel that has been turned off.
3. Only two color channels can be turned off at the same time.

TIP: Any changes made affect the color temperature setting. Select the preferred color temperature setting first. See Adjusting the Color Temperature

To adjust the color management system/20 point white balance settings:

1. Use the Navigation buttons on the remote to highlight the Hue, Saturation, Brightness, Offset, or Gain of the color you wish to adjust. Press the OK button.
2. Use the Left/Right Navigation buttons to adjust the value. When you are finished press the OK button to save the setting.

Color Tuner						
	Red	Green	Blue	Cyan	Magenta	Yellow
Hue	0	0	0	0	25	-14
Saturation	-1	5	-4	0	-2	0
Brightness	-24	0	-22	0	0	0
Offset	0	0	0			
Gain	0	0	0			

To adjust the 20 Point White Balance settings:

3. From the Color Tuner table, use the Navigation buttons to highlight the top bar and then press the Left/Right Navigation buttons until the 20 POINT WHITE BALANCE menu is displayed.

20 Point White Balance				
	Gain	Red	Green	Blue
	5%	0	0	0

4. Use the Navigation buttons on the remote to highlight the Gain and Color values you wish to adjust. Press the OK button and use the Left/Right Navigation buttons to adjust the value. When you are finished, press the OK button to save the setting.

To show or hide the SMPTE Test

Pattern: Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > SMPTE Test Pattern

SMPTE Test Pattern
Off



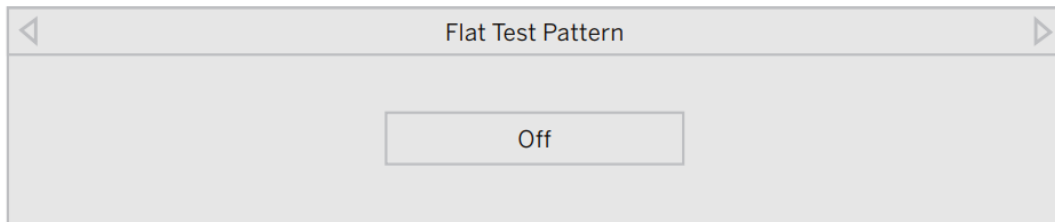
1. Use the Navigation buttons on the remote to highlight Off. Use the Left/Right Navigation buttons to select On to show the SMPTE Pattern.

—or—

2. To hide the SMPTE Test Pattern, use the Left/Right Navigation buttons to select Off.

To show or hide the Flat Test Pattern:

Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > Flat Test Pattern



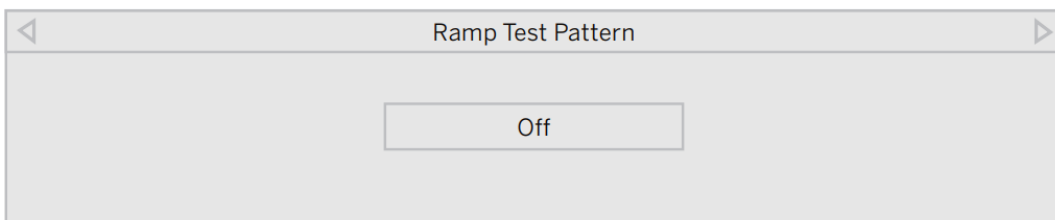
1. Use the Navigation buttons on the remote to highlight Off. Use the Left/Right Navigation buttons to select the percentage brightness for the flat test pattern. Selecting a percentage immediately shows the flat pattern at that brightness.

—or—

2. To disable the Flat Test Pattern, use the Left/Right Navigation buttons to select Off.

To show or hide the Ramp Test

Pattern: Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > Ramp Test Pattern



1. Use the Navigation buttons on the remote to highlight Off. Use the Left/Right Navigation buttons to select the color for the ramp test pattern. Selecting a color immediately shows that color ramp.

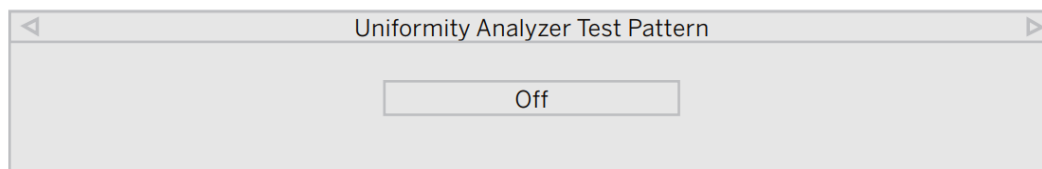
—or—

2. To hide the Ramp Test Pattern, use the Left/Right Navigation buttons to select Off.

To show or hide the Uniformity Analyzer Test Pattern:

Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > Uniformity Analyzer Test Pattern





1. Use the Navigation buttons on the remote to highlight Off. Use the Left/Right Navigation buttons to select On to show the Uniformity Analyzer Test Pattern.

—or—

2. To hide the Uniformity Analyzer Test Pattern, use the Left/Right Navigation buttons to select Off.

Adjusting Picture Input Settings

Enable HDMI Mode, Full Color 4:4:4, and adjust picture size and position.

To adjust the Input settings: Menu > Picture > Input Settings

Use the Navigation buttons to highlight the setting you wish to adjust.

- Picture Size and Position* — configure the display size and position of the picture to the screen.
 - HDMI Mode* — Expanded color display. Only available for an HDMI input.
 - Full Color 4:4:4* — Maintains full color data with 4:4:4 content. Some picture settings will not be available when this setting is On. Only available for an HDMI input.
 - Color Space Range — Select Color Space for the source. Video sources uses YCbCr, but PC uses RGB.
-

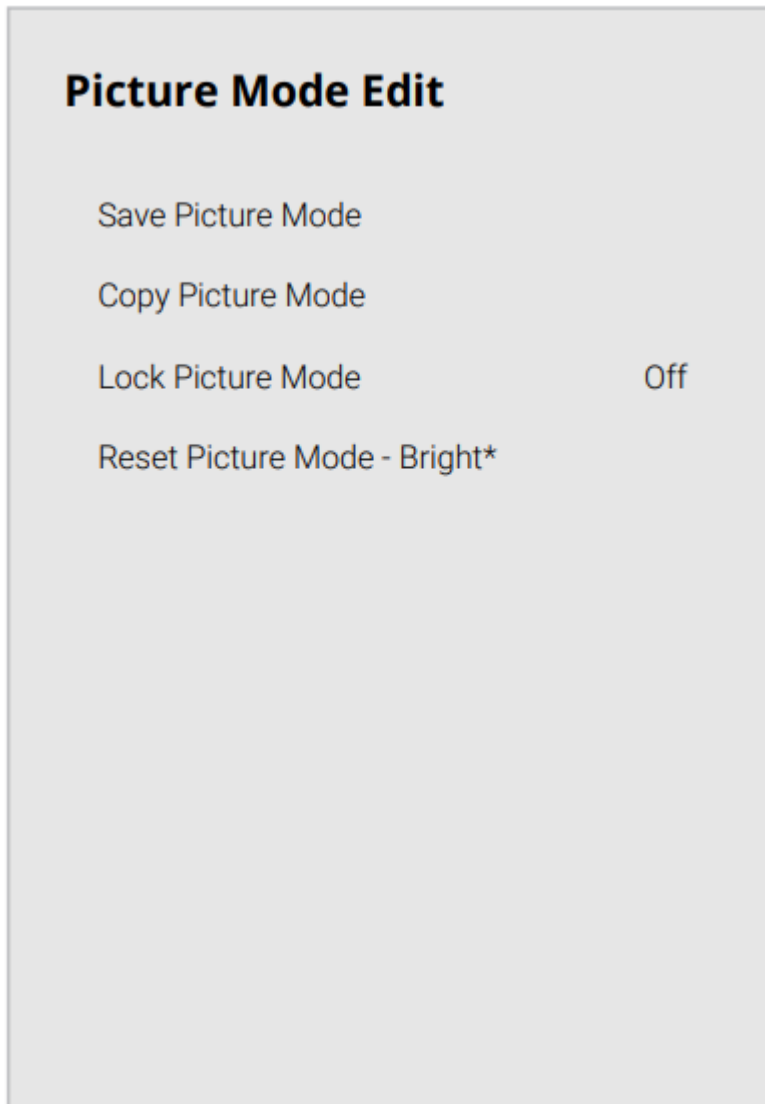
Adjusting the Picture Mode Edit Settings

Manage custom picture modes and reset preset picture modes.

To adjust the Picture Mode Edit settings: Menu > Picture > Picture Mode Edit

Use the Navigation buttons to highlight the setting you wish to adjust, then press OK to change the setting:

- Save Picture Mode — Save a custom picture mode.
- Copy Picture Mode — Copy the settings for a custom picture mode.
- Lock Picture Mode — Prevent changes to custom picture modes.
- Reset Picture Mode — Reset the picture mode settings to factory default values. Only available on customized preset modes.
- Delete Picture Mode — Delete a custom picture mode. Inputs assigned to the custom picture mode will use the Calibrated picture mode.



Saving a Custom Picture Mode

Custom picture modes allow you to save a group of custom settings for various viewing conditions and video sources.

To save a custom picture mode: Menu > Picture > Picture Mode Edit > Save Picture Mode > Enter a Name > Save

Custom picture modes allow you to save a group of custom settings for various viewing conditions and video sources.

- Changes made while on any preset picture mode will add an asterisk on the top right corner of the preset mode.
- The custom picture mode is not automatically saved.

Save Picture Mode

—									⌫
a	b	c	d	e	f	g	h	i	
j	k	l	m	n	o	p	q	r	
s	t	u	v	w	x	y	z	0	
1	2	3	4	5	6	7	8	9	
.@#	↑	äêí	Space			⌫			

ADJUSTING THE AUDIO SETTINGS

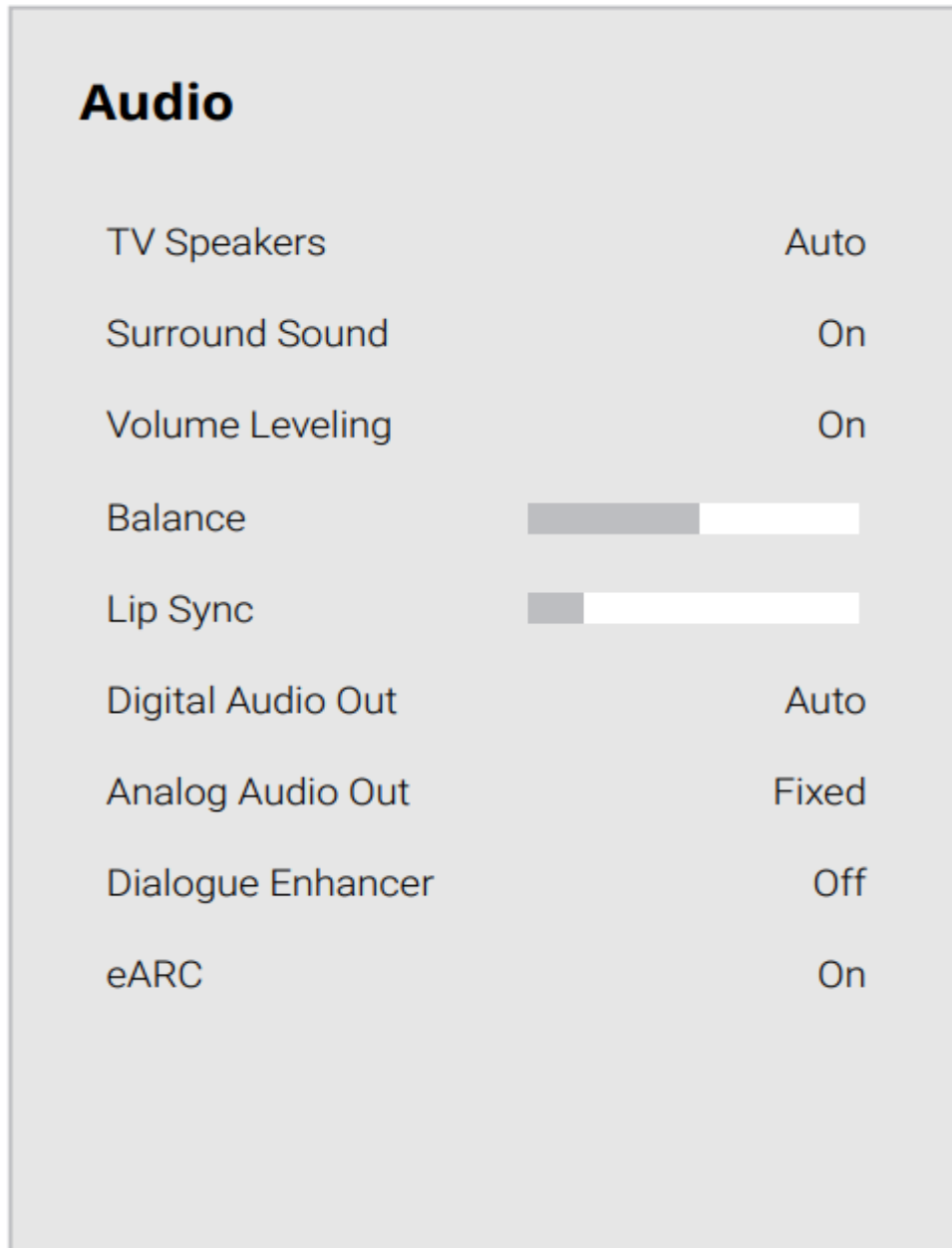
To adjust the audio settings: **Menu > Audio**

Use the Navigation buttons to highlight the setting you wish to adjust, then press Left/Right Navigation buttons to change the setting:

- TV Speakers — Built-in speakers automatically turn off if a sound bar is discovered. Turn the built-in speakers On or Off.
- Surround Sound — When set to On, enables surround sound suitable for sports and TV shows. Virtual:X™ adds virtualized height best for movies.
- Volume Leveling — When set On, DTS
- TruVolume™ audio solution levels the speaker volume.

- Balance — Balance the audio loudness between the left and right speakers.
- Lip Sync — Synchronize the display image with the audio track.
- Digital Audio Out — Select the digital audio output format for both the optical and HDMI ARC audio devices.

*To hear talk back when Talk Back function is enabled, digital audio out must be set to PCM.



TIP: You must select Digital for audio with more than two channels (e.g., 3.0, 5.0, or 5.1).

- Analog Audio Out — Select Variable if you are controlling the volume with the remote. Select Fixed if an external audio device (sound bar or AV receiver) will control the volume.

- Dialogue Enhancer — If enabled and the signal source includes Dolby 5.1 AC-4 audio then clarity of dialogue is enhanced.
- eARC — Toggle between ARC (Off) and eARC (On) for audio output using HDMI 1. If On, audio is sent using eARC and is uncompressed. If Off, audio is sent using ARC and some audio formats may play in standard Dolby Audio, DTS Digital Surround, or PCM.

TIP: Your connected sound bar or audio receiver must support eARC in order to receive uncompressed audio. Check your device's user manual for more information.

- Equalizer — Only available when Surround Sound is set to OFF. Boosts or attenuates loudness at different frequencies.

ADJUSTING THE NETWORK SETTINGS

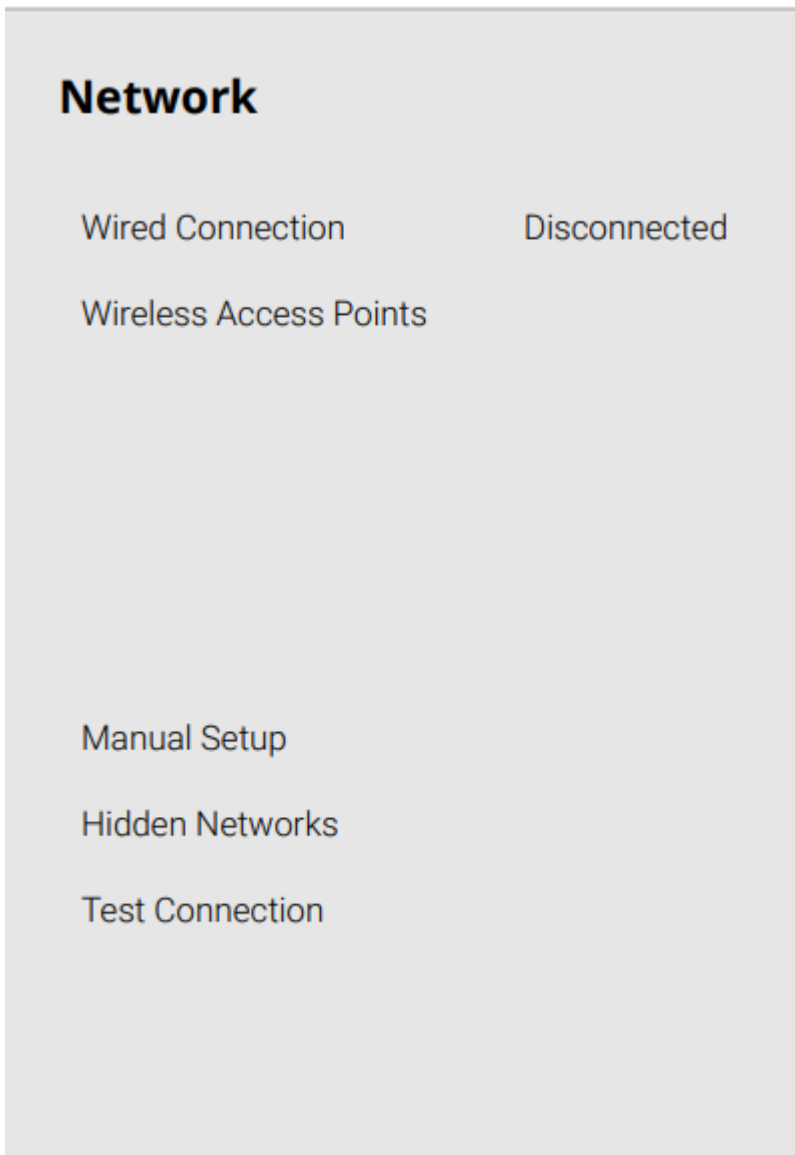
Your TV is Internet-ready, featuring both an Ethernet port and built-in high-speed wireless internet.

TIP: If your TV is connected to a network with an Ethernet cable, you will not see the wireless network connection menu. You must unplug the Ethernet cable to set a wireless network connection.

Connecting to a Wireless Network

To connect to a wireless network whose network name (SSID) is being broadcast:

Menu > Network > Choose your network > Enter in the password > Connect



To forget a saved network: Highlight a saved wireless access point > OK > Forget

If you do not see your wireless network More Access Points > Highlight your wireless network > Enter in the password > Connect

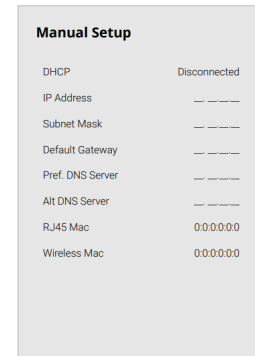
Changing the Manual Setup Settings: Advanced users can fine-tune the network settings using the Manual Setup feature. The security settings on your router may require you to enter the TV's MAC address.

To change advanced network settings: Menu > Network > Manual Setup > DHCP > Of

1. Use the Navigation and OK buttons to adjust each setting:

- IP Address — The IP address assigned to the TV.
- Subnet Mask — The subnet Exit 2D.
- Default Gateway — Your network's default gateway address.
- Pref. DNS Server — Your preferred domain name server address.
- Alt. DNS Server — Your alternate domain name server address.

2. Use the Navigation buttons on the remote to highlight Save and press OK.



Manual Setup	
DHCP	Disconnected
IP Address	— — — —
Subnet Mask	— — — —
Default Gateway	— — — —
Pref. DNS Server	— — — —
Alt DNS Server	— — — —
RJ45 Mac	0.0.0.0.0
Wireless Mac	0.0.0.0.0

To find the TV's MAC address: Menu > Network > Manual Setup

You can find your TV's MAC address at the bottom of the list. The MAC addresses for the connections in use are displayed:

- RJ45 MAC — The Ethernet or RJ45 MAC address may be needed to set up your network when you have connected the TV to your network when you have connected the TV to your network with an Ethernet (Cat 5) cable.
- Wireless MAC — The Wireless (Wi-Fi) MAC address may be needed to connect your TV to your network with Wi-Fi.

Connecting to a Hidden Network To connect to a wireless network whose network name (SSID) is not being broadcast:

Menu > Network > Hidden Network > Enter the Access Point Name > Connect > Enter in the password

Testing Your Network Connection: Menu > Network > Test Connection

Enter Access Point Name

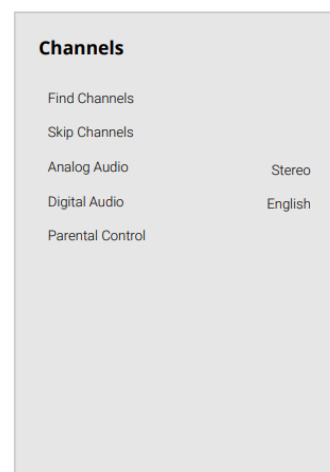
Enter your access point name. This is used to connect to an access point with a hidden SSID.

a	b	c	d	e	f	g	h	i
j	k	l	m	n	o	p	q	r
s	t	u	v	w	x	y	z	0
1	2	3	4	5	6	7	8	9
.@#	↑	äêí	Space	⌫				

SETTING UP CHANNELS

You can use the TV's Channels menu to:

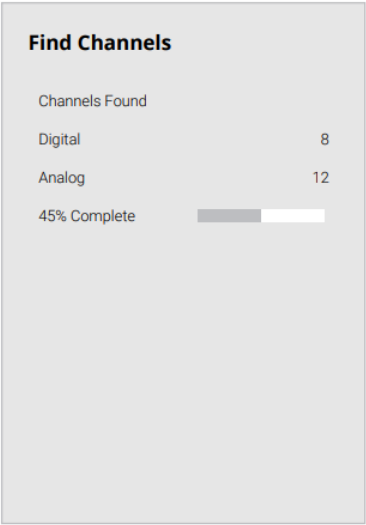
- Find channels
- Find new channels
- Select channels to skip
- Select analog audio mode
- Select the language for digital audio
- Set parental controls



Scanning for TV Channels

The TV may need to scan for channels before it can display programs and their associated information. A channel scan is required for free over-the-air channels (using an antenna) and cable channels from an out-of-the-wall connection (without a cable box). Moving the TV to an area with different channels requires the TV to scan for channels again.

To perform an Auto Channel Scan: Menu > TV Channels > Find Channels

<p>Wait until the channel scan is 100% complete. Highlight Done and press OK.</p> <ul style="list-style-type: none">• If the channel scan is canceled, the channels that were already discovered are retained.	 <p>Find Channels</p> <p>Channels Found</p> <table><tr><td>Digital</td><td>8</td></tr><tr><td>Analog</td><td>12</td></tr></table> <p>45% Complete</p>	Digital	8	Analog	12
Digital	8				
Analog	12				

To perform a New Channel Scan: Menu > TV Channels > Find New Channels

A New Channel Scan saves the current channel map and scans for additional channels.

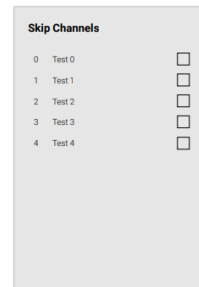
Skipping Channels

After a channel scan is completed, you may find that some channels are too weak to watch comfortably. There may also be some channels you do not want to view. You can remove these channels from the TV's memory with the Skip Channel feature.

WARNING: Channels that have been removed with the Skip Channel feature can still be viewed if the channel is entered using the number pad. If you wish to completely block a channel from being viewed, use see Locking and Unlocking Channels

To remove a channel:

1. From the TV CHANNELS menu, highlight Skip Channel, and press OK. The SKIP CHANNEL menu is displayed.
2. For each channel you wish to remove, use the Up/Down Navigation buttons on the remote to highlight the channel and press OK. A ✓ appears to the right of each channel you select.



Changing the Analog Audio Language

Some analog over-the-air (free) and cable channels broadcast programs in more than one language. The TV's Analog Audio feature allows you to listen to audio in an alternate language using Secondary Audio Programming (SAP).

To use the Analog Audio feature: Menu > TV Channels > Analog Audio

WARNING: Not all programs are broadcast in SAP. The Analog Audio Language feature only works when the program being viewed is being broadcast with Secondary Audio Programming.

- Stereo — More than one speaker channel is being used. Sounds may be dispersed through different speakers depending on how the audio is programmed.
- SAP (Secondary Audio Program) — Typically used for audio in a different language other than the native one used in the program.
- Mono — All speakers are producing the same sound; there is no distinction between left or right sounds.

Analog Audio

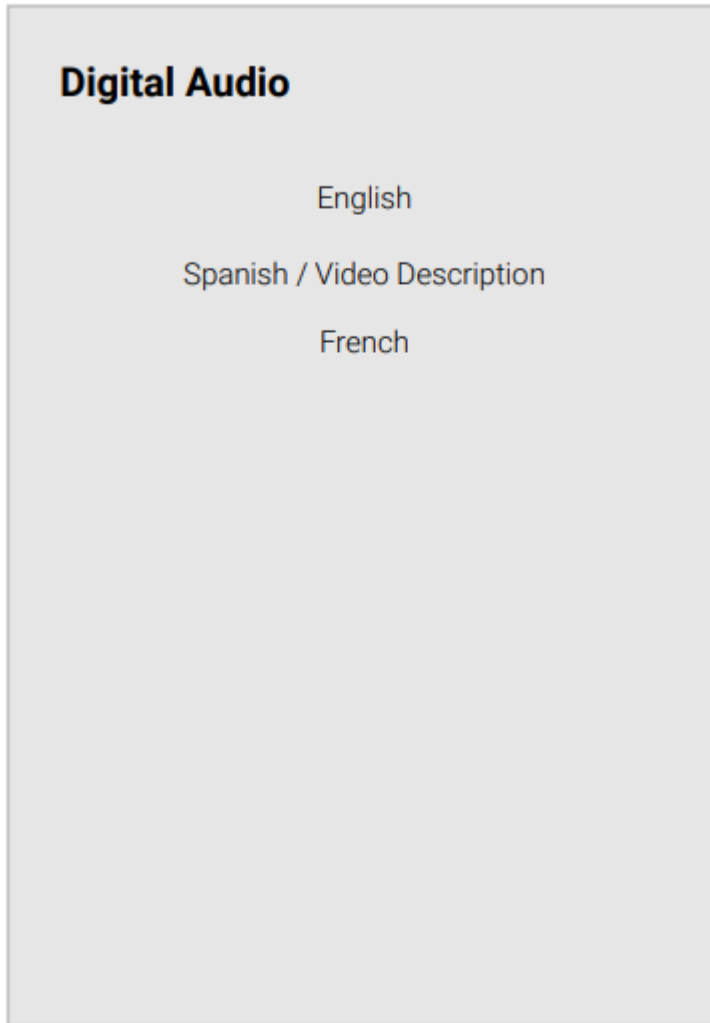
Stereo

SAP

Mono

To use the Digital Language feature: Menu > TV Channels > Digital Audio

Select the preferred audio language. Available languages or video description depend on the broadcast content.



USING PARENTAL CONTROLS

The TV's parental controls allow you to prevent the TV from displaying certain channels or programs unless a PIN is used.

Accessing the Parental Controls Menu To access the Parental Controls menu you must first set up a system PIN: **Menu > TV Channels > Parental Controls > Enter in PIN**

TIP: to set a custom PIN code, see Setting a System PIN Code

The Parental Controls menu only appears when:

- You are using the tuner to receive your TV signals, such as when you are using an antenna for Over-the-Air signals or when connected to cable TV directly from the wall (no cable box).
- You have a device connected using a composite video cable or a coaxial cable, such as a VCR, satellite or cable box, or DVR.

Enabling or Disabling Program Ratings



To enable or disable the Program Rating feature: **Menu > TV Channels > Parental Controls > Locks > Off/On**

Locking and Unlocking Channels:

When a channel is locked, it cannot be accessed. Locking a channel is a good way to prevent children from viewing inappropriate material.

To lock or unlock a channel: Menu > TV Channels > Parental Controls > Channel Locks

Highlight the channel you want to lock or unlock and press OK.

- When a channel is locked, the Lock icon  appears locked. The channel is not accessible unless the system PIN is entered.
- When a channel is unlocked, the Lock icon appears  unlocked

Blocking and Unblocking Content by Rating

A channel may sometimes broadcast programs that are meant for a variety of audiences (some for children and some for adults). You might not want to block the channel completely using a channel lock, but you can block certain programs from being viewed.

You can use the TV's Rating Block feature to block content based on its rating.



To block or unblock content by its rating:

1. From the Parental Controls menu, highlight the content type you want to adjust and press OK:

- USA TV — USA television program broadcasts.
- USA Movie — USA movie broadcasts.
- Canadian English — Canadian English television program broadcasts.
- Canadian French — Canadian French television program broadcasts.

TIP: For a list of content ratings and their definitions, please visit: www.tvguidelines.org.

2. For each rating type you want to block or unblock, use the Navigation buttons to highlight the rating type and press OK.

- When the rating type is blocked, the Lock icon  appears locked. Content with this rating and all higher ratings cannot be viewed.
- When the rating type is unblocked, the Lock icon  appears unlocked. Content with this rating and all lower ratings can be viewed.
- If you want to block all unrated content, highlight Block Unrated Shows and use the Navigation buttons on the remote to select On.

ACCESSIBILITY SETTINGS

VIZIO is committed to providing intuitive, user-friendly products. Your new VIZIO TV offers several accessibility features that can help you with easy navigation.

To access the Accessibility menu: Menu > Accessibility

1. Captions — Activate and customize analog and digital closed captions.
2. Video Description — If included by the broadcaster, provides a narrated description of the action for the content.
3. Talk Back* — Enables your TV to speak all settings changes and adjustments using the remote in English.
4. Speech Rate — Adjusts the rate in which Text-to-Speech is spoken. Select Slow, Normal (default), or Fast.
5. Zoom Mode — Enlarges a section of the screen by approximately 200%.

TIP: You can also enable/disable accessibility features using the included remote. See Using the Remote

To access the Video Description menu: Menu > Accessibility > Video Description > Off/On

Setting Up Closed Captioning

Your TV can display closed captions for programs that include them. Closed captions display a transcription of a program's dialogue.

TIP: Closed Captioning is available for tuner, composite and streaming content (if supported by the app). Note that most apps will support their own CC from within the app.

To activate or deactivate closed captions: Menu > Accessibility > Captions > Closed Captions > Off/On

— or —

Push the CC button  on the remote.

1. Use the Navigation buttons on the remote to highlight either Analog or Digital Closed Captions.

2. Use the Left/Right Navigation buttons on the remote to select the caption channel you wish to display

Closed Captions

Closed Captions	Off
Analog Closed Captions	CC1
Digital Closed Captions	CS1
Digital Style	

To change the appearance of digital closed captions:

Digital closed captions can be displayed according to your preference. See the diagram on the next page for an explanation of the parts of the closed caption area.

To change the appearance of digital closed captions: Menu > Accessibility > Captions > Digital Style

1. Use the Left/Right Navigation buttons on the remote to select Custom. The Digital Style menu appears as shown.

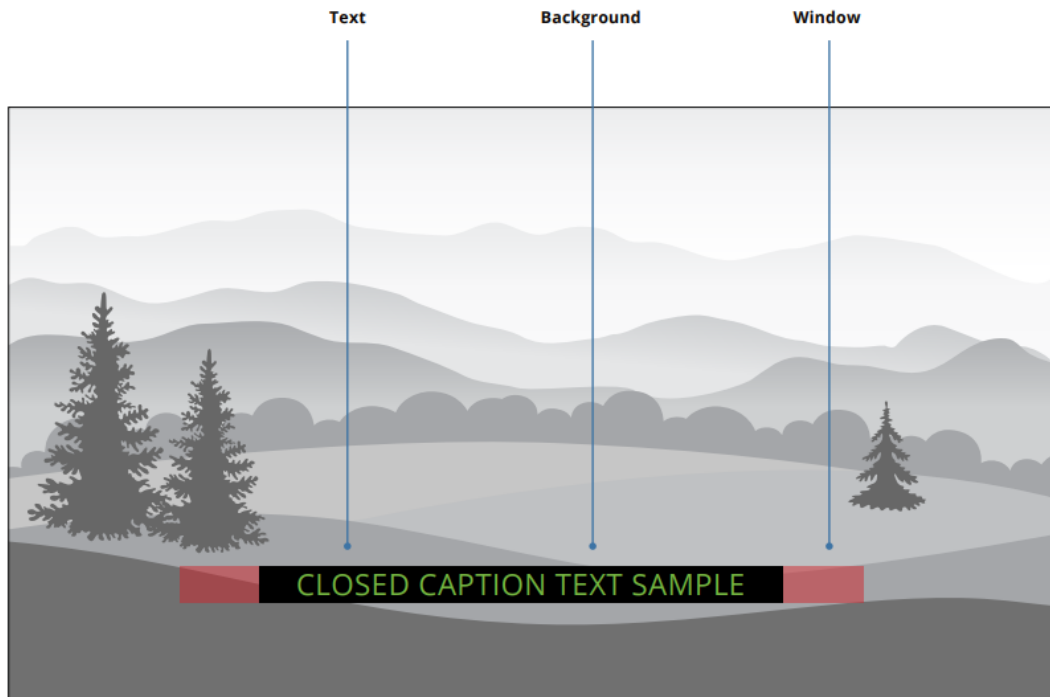
2. Use the Up/Down Navigation buttons on the remote to highlight the setting you wish to change, then use the Left/Right Navigation buttons to change the settings (choose "As Broadcast" to keep default setting):

- Text Style — Change the font used for the closed captioning text.
- Text Size — Make the text larger or smaller.
- Text Color — Change the color of the text.
- Text Opacity — Change the transparency of the text.
- Text Edges — Change the effects at the edges of the text, such as raising the edges or adding drop shadows.
- Text Edges Color — Change the color of the text edge effects.
- Background Color — Change the color of the background directly behind the text.
- Background Opacity — Change the transparency of the background directly behind the text.
- Window Color — Change the color of the closed captioning box.
- Window Opacity — Change the opacity of the closed captioning box.

Typical choices include:

- Opaque background, transparent window — Only a strip of background appears behind the text, expanding as the text appears. This is the typical "As Broadcast" mode.
- Opaque background and window in the same color — When text appears, the entire line fills with color at once.

In the example, the closed caption text is green, the background is black, and the window is red.



Troubleshooting

The remote is not responding.

- Make sure the batteries are properly inserted matching the - and + symbols.
- Replace the batteries with fresh ones.

The TV displays “No Signal.”

- Press INPUT button on the remote control to select a different input source.
- If you are using cable TV or antenna connected directly to the TV, scan for channels.
See Scanning for TV Channels

There is no power.

- Ensure the TV is plugged into a working electrical outlet.
- Ensure the power cable is securely attached to the TV.
- Press the Power/Standby button on the remote or on the back of the TV to turn the TV on.

The power is on, but there is no image on the screen.

- Ensure all cables are securely attached to the TV.
- Ensure all devices are connected correctly. Devices differ; see your device’s user manual for details.
- Adjust Brightness, Contrast, or Backlight. See Adjusting the Picture Settings.
- Press the INPUT button on the remote to select a different input source.

The sound is flat or dialog is not audible.

- Turn off Volume Leveling. See Adjusting the Audio Settings

Where do I find information on the accessibility features of this product and other VIZIO products?

- Please visit vizio.com/accessibility,
- Email us at: Accessibility@vizio.com, or
- Give us a call at 1-877-698-4746.

How do I stream apps like Netflix to my VIZIO SmartCast® TV?

- Popular apps are located on the SmartCast Home™ screen, so you can simply navigate to the app row on your SmartCast TV to start streaming.
- You can also use Apple AirPlay 2 or Chromecast built-in™ to stream content from your device directly to your SmartCast TV. For more information, please visit:
 - VIZIO.com/Apple
 - VIZIO.com/Google

The colors on the TV don't look right.

- Adjust the Color and Tint settings in the Picture menu. See Adjusting the Picture Settings.
- Select a pre-set picture mode. VIZIO recommends selecting Calibrated.
- Check all cables to ensure they are securely attached.

The image quality is not good.

- For the best image quality, view high-definition programs using digital sources.

Connect your devices with HDMI cables.

- If you are using an antenna, the signal strength of the channel may be low.

Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

The picture is distorted.

- Move the TV away from electrical appliances, cars, and fluorescent lights.
- Ensure all cables are securely attached.

The TV image does not cover the entire screen.

- If you are using TV, AV, or Component with 480i input, go to Menu > Picture > Picture Aspect.

The TV has pixels (dots) that are always dark.

- Your HD TV is precision-manufactured using an extremely high level of technology. However, sometimes pixels may not display correctly. These types of occurrences are inherent to this type of product and do not constitute a defective product.

The buttons on the remote aren't working.

- Ensure you are only pressing one button at a time.
- Point the remote directly at the TV when pressing a button.
- Replace the remote batteries with new ones. See Replacing the Batteries

There is no sound.

- Press Volume Up on the remote control.
- Press the MUTE button on the remote to ensure mute is off.
- Check the audio settings. See Adjusting the Audio Settings
- Check the audio connections of external devices (Blu-ray player, game console, cable/satellite box) that are connected to the TV.
- If you are using an antenna, the signal strength of the channel may be low.

Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

- Set eARC to Off and use ARC mode.

I see "noise" or static on the screen.

- When your TV's digital capabilities exceed a digital broadcast signal, the signal is up-converted (improved) to match your TV's display capabilities. This upconverting can sometimes cause irregularities in the image.
- If you are using an antenna, the signal strength of the channel may be low.

Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

When I change input source, the TV image changes size.

- The TV remembers the viewing mode on each input source. If the viewing mode on the new input source differs from the one on the input source you switch from, the difference may be noticeable.
- See Changing the Picture Aspect Ratio

How do I download the VIZIO SmartCast Mobile™ App?

- Make sure your phone or tablet is connected to a Wi-Fi network. Open a browser on your phone or tablet.

- Navigate to vizio.com/smartcastapp and follow the on-screen instructions to download the VIZIO SmartCast Mobile™ App.

How do I change the Inputs?

- Press the INPUT button on the back of the TV to cycle through the Inputs.
- Press the INPUT button on the basic remote to cycle through the Inputs.
- Make sure the VIZIO SmartCast Mobile™ app is installed on your phone or tablet. Open the VIZIO SmartCast Mobile app. Tap on the Device list and select your TV. Tap on the Input key and select the Input of your choice.

How do I connect to my Wi-Fi network?

- On your TV remote, press the MENU button then go to Network > Select your Wi-Fi name > Enter password.
- Open the VIZIO SmartCast Mobile™ app on your phone or tablet. Tap on the Menu Tab > SmartCast Devices > Your TV/Device Name > Network
- Tap on the Settings icon > Network > Wireless Access Points. Select your Wi-Fi network from the list, enter the Wi-Fi password, and tap Connect.

How do I exit Demo Mode?

- Press and hold the INPUT button on the back of the TV to exit the demo mode.

How do I watch Cable/Antenna TV channels?

- If you subscribe to cable or satellite, simply connect an HDMI cable (not included) to the receiver.
- If you use external antennas to watch local broadcast channels, use a coaxial cable to connect.

Some of my Channels are missing.

- Press the MENU button on your TV remote and select the channels option. Then select Find Channels.
- Open the VIZIO SmartCast Mobile app on your phone or tablet.
- Click on: Menu Tab > SmartCast Devices > Your TV/Device Name > Channels > Find Channels.

How do I disable/enable Viewing Data?

- Press the MENU button on your remote and select ADMIN & PRIVACY. Then select Viewing Data to turn the feature on or off.

The television will not turn on using Alexa or Google Assistant.

- Ensure the television is in Quick Start Mode.
- Tap on Menu > System > Power Mode > Quick Start.

How do I know I am getting 4K resolution or HDR content such as Dolby Vision?

- As you are watching content on the television, press the INFO button on the remote or VIZIO SmartCast Mobile app. You will see the current resolution being displayed along with the version of video.
- HDR will show as a Dolby Vision icon, HDR10 or HLG.

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.