

## Getting to Know Your TV

### FRONT PANEL

#### Remote Sensor and Power Indicator

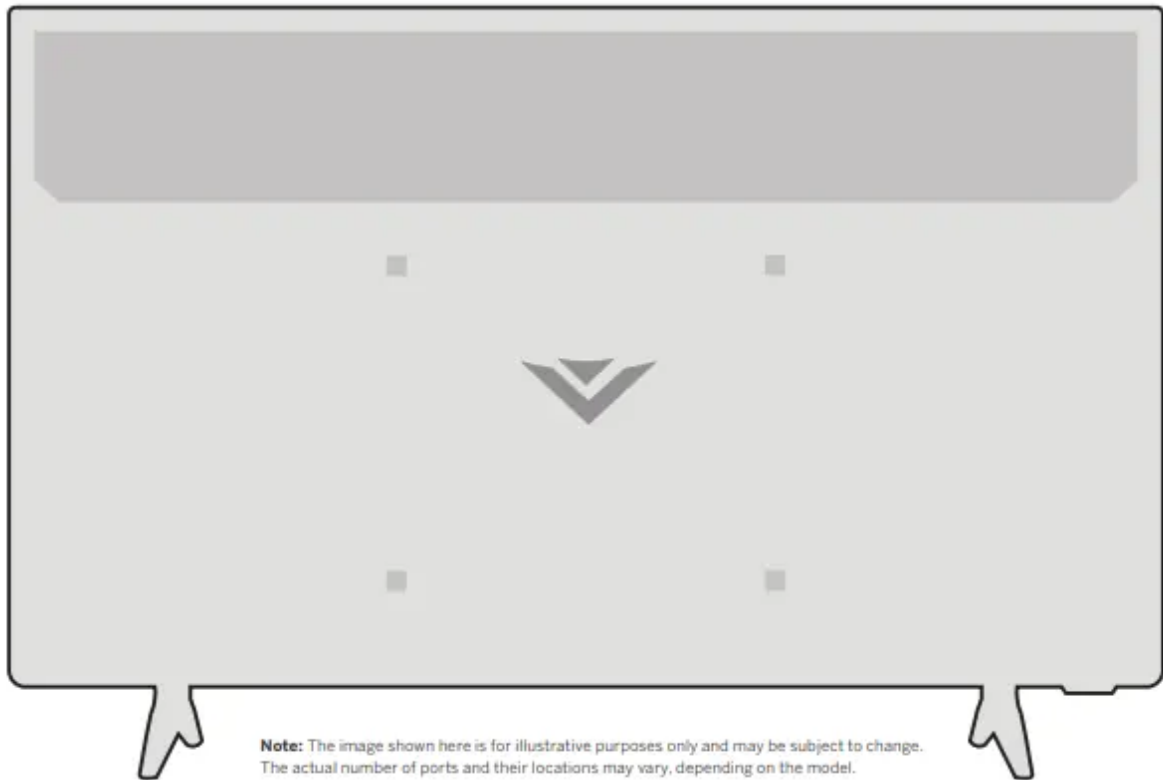
When using the remote, aim it directly at the sensor.

The power indicator flashes on when the TV turns on, then goes out after several seconds. To keep the power indicator on, see Turning the Power Indicator On or Off on page.



- When TV is OFF: Press to turn on the TV.
- When TV is ON: Press to change to the next input source. Press, hold (5 seconds) and release to turn TV off.

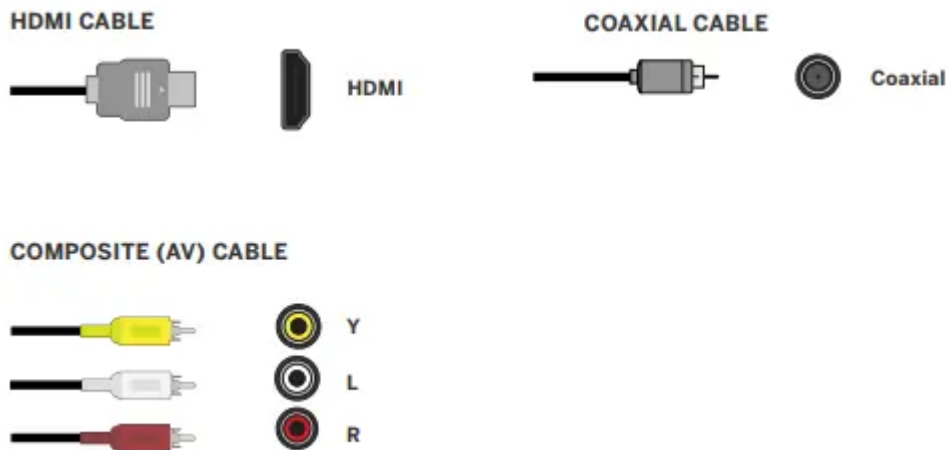
## REAR PANEL



### 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.

### WALL-MOUNTING THE TV

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

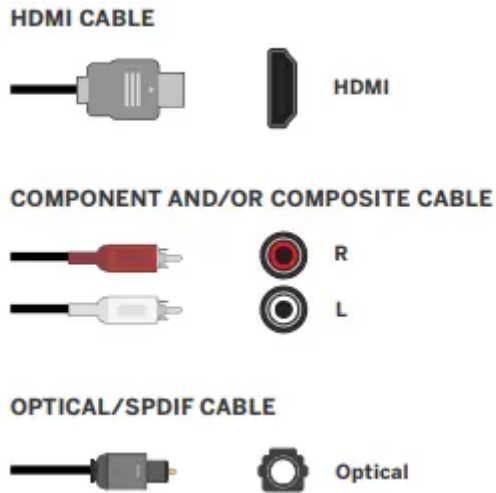
Be sure the mount you choose is capable of supporting the weight of the TV.

To install your TV on a wall:

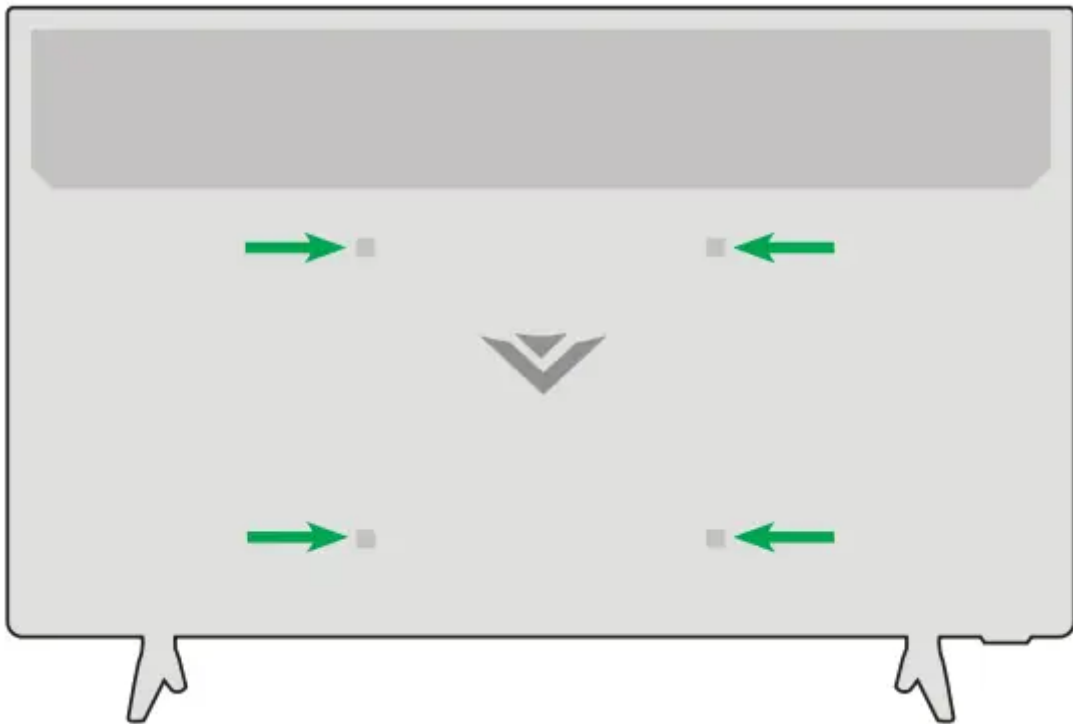
1. Disconnect any cables connected to your TV.
2. Place the TV face-down on a clean, flat, stable surface. Be sure the surface is clear of debris that can scratch or damage the TV.
3. If attached, remove the stands by loosening and removing the screws.
4. Attach your TV and wall mount to the wall by 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.

**TIP:** 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.



**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.



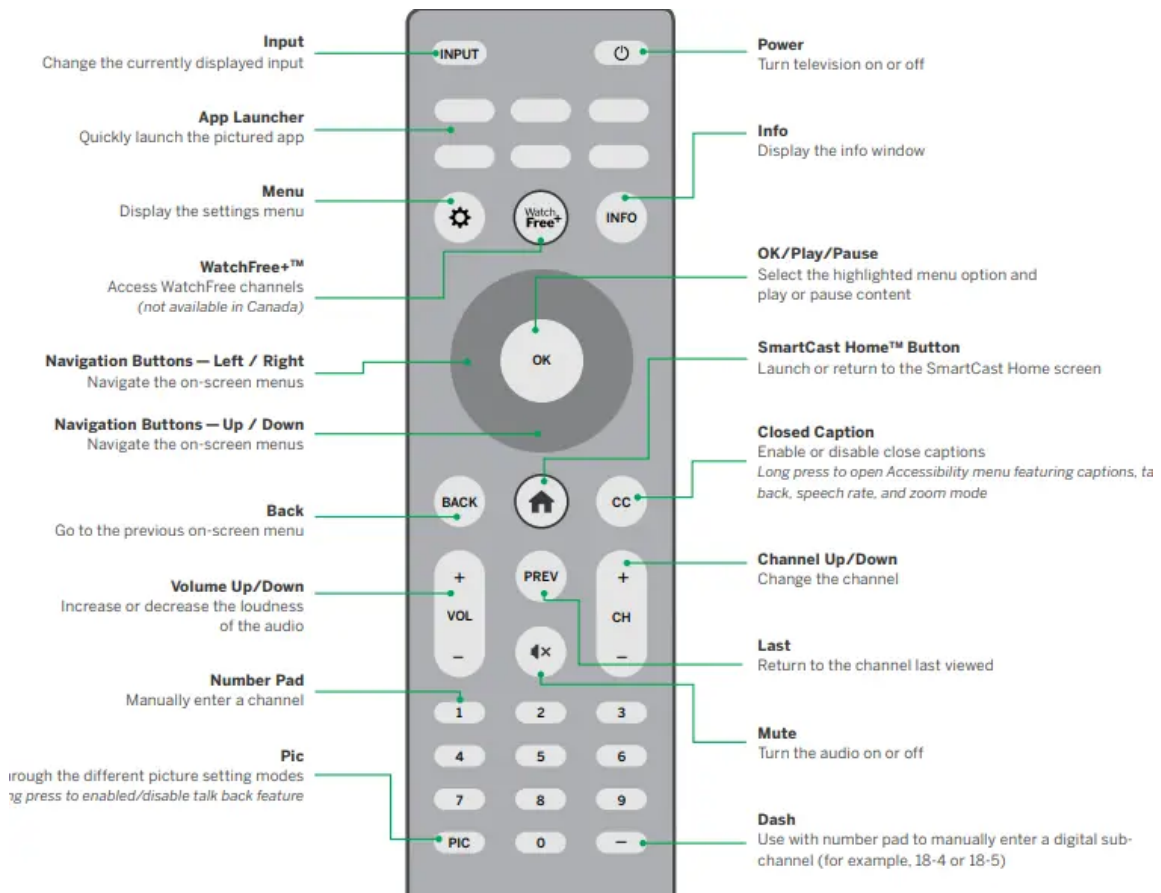
## USING THE REMOTE

	D24h-J09	D24f-J09	D32h-J09	D32f-J04	D40f-J09	D43f-J04
Screw Size	M4	M4	M4	M4	M6	M6
# of Screws (not included)	4	4	4	4	4	4
Hole Depth	8.5 mm	8.5 mm	7 mm	10 mm	10 mm	13.5 mm
Hole Pattern	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm	200 mm x 100 mm	100 mm x 100 mm
Weight w/o Stand	6 lb (2.72 kg)	6 lb (2.72 kg)	8.62 lb (3.91 kg)	8.86 lb (4.02 kg)	12.17 lb (5.52 kg)	14.22 lb (6.45 kg)

## 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.



**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. Risk of fire or explosion if the battery is replaced by an incorrect type.

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

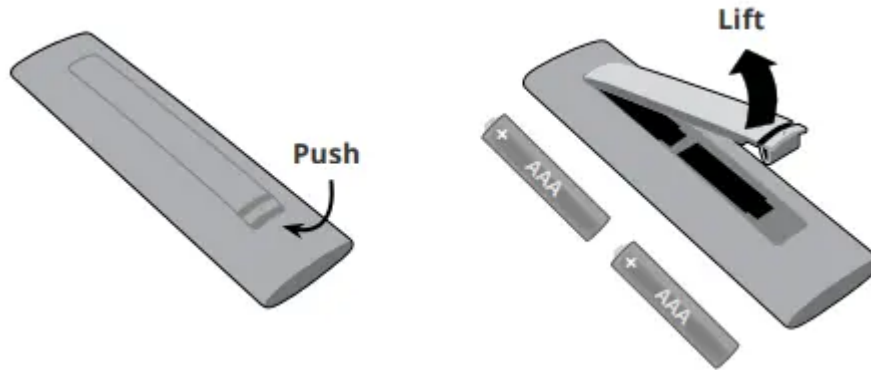
## Completing the First-Time Setup

### Before you begin the first-time setup:

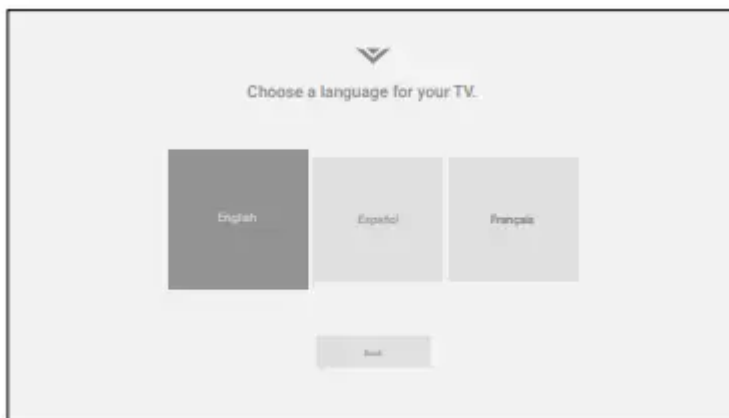
- Your TV should be installed and the power cord should be connected to an electrical outlet.
- If you have a wireless network, have the network password ready.
- If you are connecting to your network with an Ethernet cable, connect it to the Ethernet port on the TV.

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:

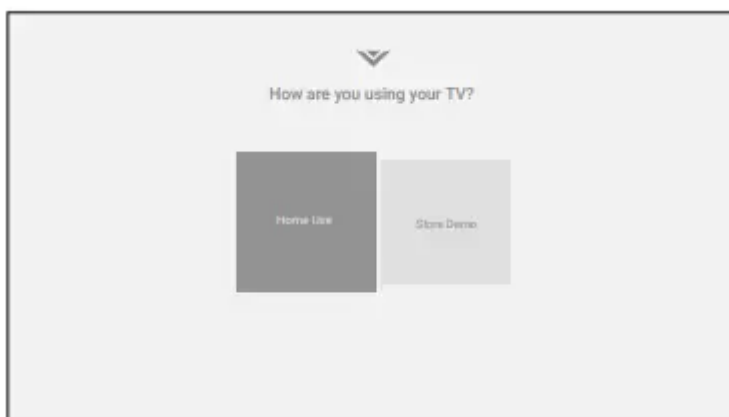
1. Choose your language. Pressing the CC button will enable TTS (text-to-speech) functionality.



2. Choose home use.



3. Choose your country.



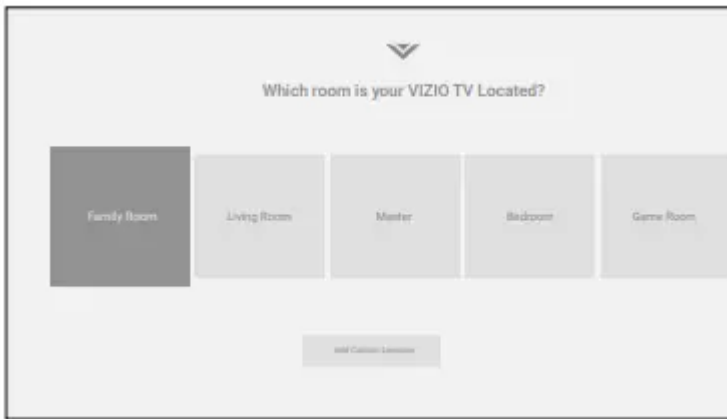
4. Choose your Wi-Fi network and enter the password.



5. Name your TV.



6. Scan for channels.

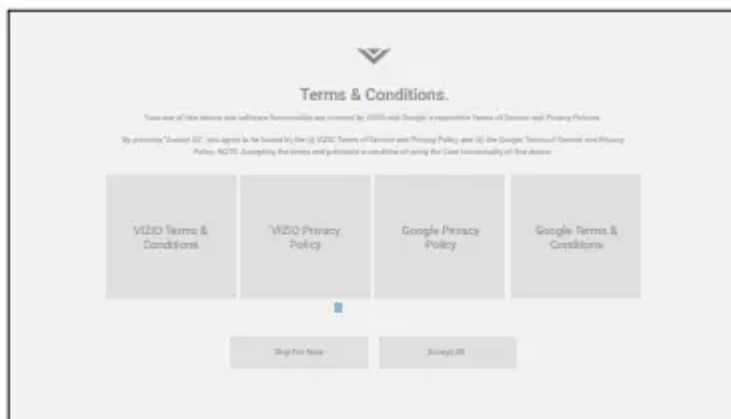


7. Accept the Terms & Conditions.





8. View and accept VIZIO Viewing Data Policy.



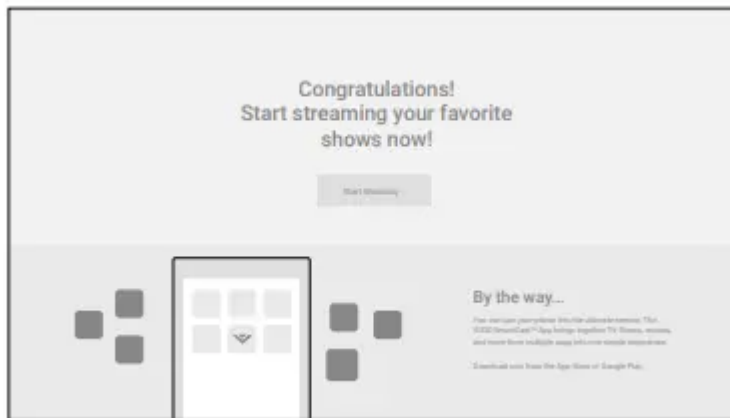
## Using the On-Screen Menu

Your TV features an easy-to-use on-screen menu.

To open the on-screen menu, press the MENU button on the remote.

From this menu, you can:

- Adjust the picture settings
- Adjust the audio settings
- Adjust the network settings
- Adjust the TV channel settings
- Adjust accessibility settings
- Adjust TV system settings
- Access admin and privacy settings
- View the user manual



## 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.

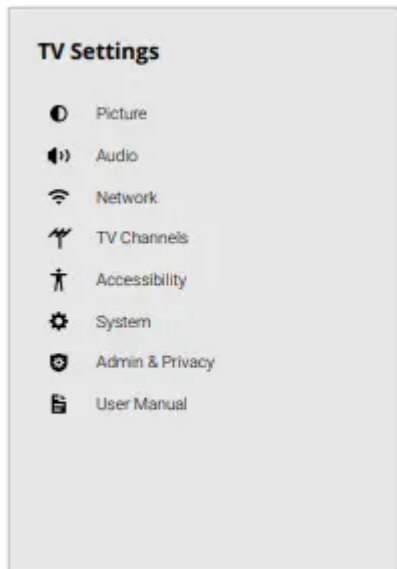
**TIP:** While navigating the on-screen menu, you can press the BACK button at any time to return to the previous menu screen.

## 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

## ADJUSTING THE PICTURE SETTINGS

### To adjust the picture mode settings: Menu > Picture > Picture Mode

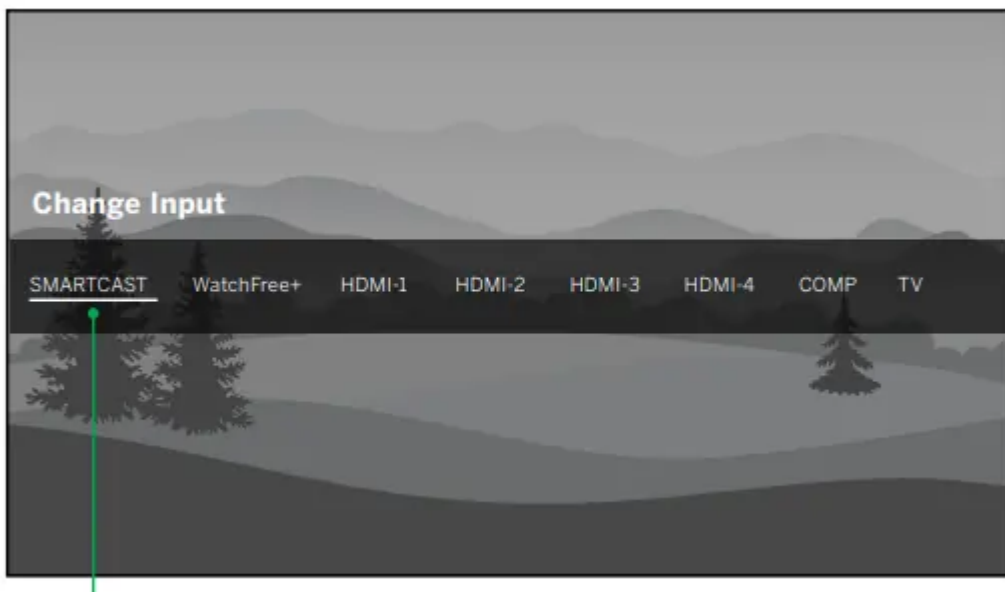
1. Use the Navigation buttons on the remote to highlight Picture Mode, then use the Left/Right Navigation buttons to change the picture mode:

- Vivid — Sets the picture settings to values that produce a brighter, more vivid picture.
- Bright — Great for viewing everyday TV, such as news and TV shows, that requires a brighter image with motion enhancements.
- Calibrated — Accurate colors intended for cinema content viewing in a bright room.
- Calibrated Dark — Accurate colors intended for cinema content viewing in a dark room or at nighttime.
- Game — Reduces throughput delays and optimizes the picture settings for displaying game console output. Also the preferred picture mode for computer mode.
- Sports — Sets the picture settings to values ideal for watching sport events with motion control setting.

**TIP:** If you save changes to the setting for a picture mode, an asterick will appear after its name. See Saving a Custom Picture Mode.

2. To manually change each of the picture settings, use the Up/Down Navigation buttons on the remote to highlight that picture setting, then use the Left/Right Navigation buttons to adjust the setting:

- Backlight (SDR content) — Adjusts the LED brightness to affect the overall brilliance of the picture.
- Brightness — Adjusts the black level of the picture. When this setting is too low, the picture may be too dark to distinguish details. When this setting is too high, the picture may appear faded or washed out.
- Contrast — Adjusts the white level of the picture. When this setting is too low, the picture may appear dark. When this setting is too high, the picture may appear faded or washed out. If the setting is too high or too low, detail may be difficult to distinguish in dark or bright areas of the picture.
- Color — Adjusts the intensity of the picture colors.
- Tint — Adjusts the hue of the picture. This setting is useful in adjusting the flesh tones in the picture. If flesh appears too orange, reduce the level of color before adjusting tint.
- Sharpness — Adjusts the edge sharpness of picture elements. It can be used to sharpen non-HD (high definition) content; however, it will not produce detail that does not otherwise exist.



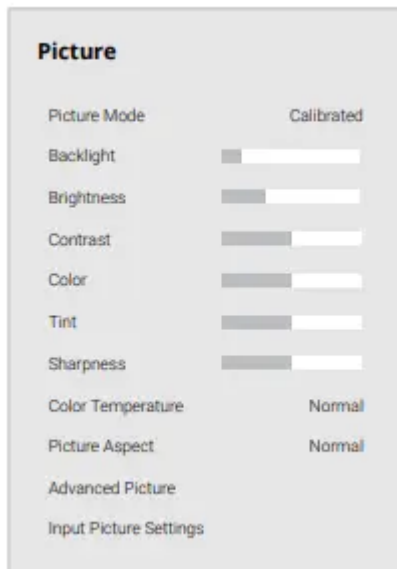
### Adjusting the Color Temperature

Adjusting the color temperature changes the white balance of the picture

## To adjust the color temperature: Menu > Picture > Color Temperature

Use the Navigation buttons on the remote to highlight a color temperature preset and then press OK.

- Warm — Produces an orange-hued picture.
- Cool — Produces a blue-hued picture.
- Normal — Optimized for television viewing



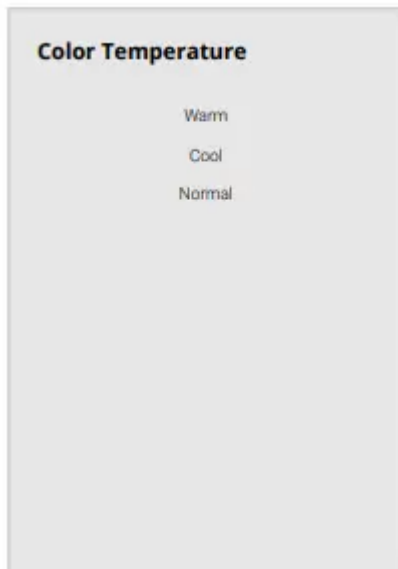
## Changing the Picture Aspect Ratio

To change the screen aspect ratio: **Menu > Picture > 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.



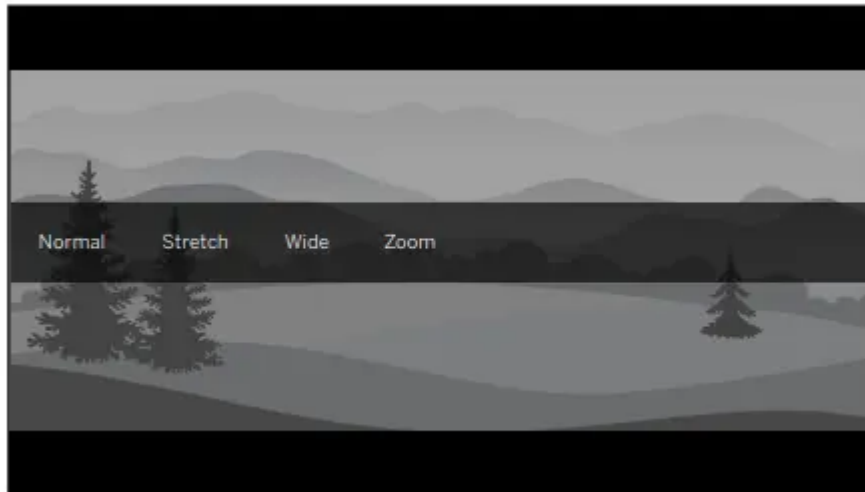
**TIP:** The aspect ratio cannot be changed for Ultra HD content or HDR content.

### Adjusting Advanced Picture Settings

To adjust advanced picture settings: **Menu > Picture > Advanced Picture**

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.
- 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.
- 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.



- Gaming Engine\*
  - Only applicable to FHD Model. – 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, 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.

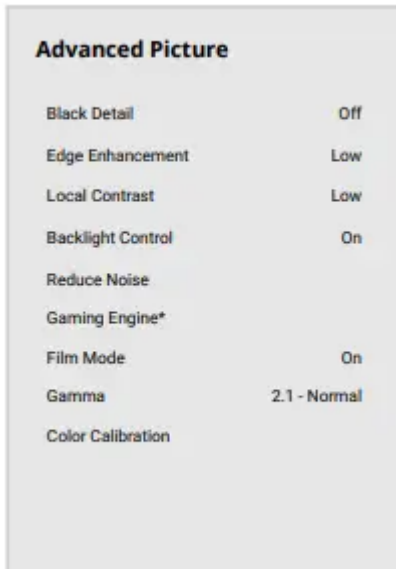
**To turn color channels off and on:**

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 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



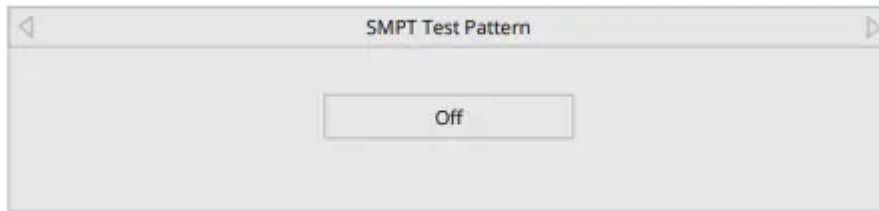
**To show or hide the SMPTE Test Pattern: Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > SMPTE Test Pattern**

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

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

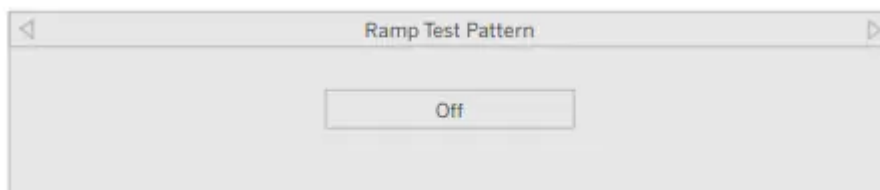
**To show or hide the Flat Test Pattern: Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > Flat Test Pattern**





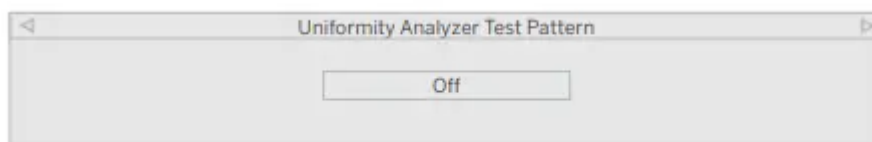
1. Use the Navigation buttons on the remote to highlight Off. Use the Left/Right Navigation buttons to select the percentage brightness for the flat test pattern. Selecting a percentage immediately shows the flat pattern at that brightness.
2. To disable the Flat Test Pattern, use the Left/Right Navigation 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.
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.
2. To hide the Uniformity Analyzer Test Pattern, use the Left/Right Navigation buttons to select Off.

**To adjust the White Balance Tuner settings: Menu > Picture > Advanced Picture > Color Calibration > White Balance Tuner**

1. 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

White Balance Tuner				
	Red	Green	Blue	
IRE% 5	0	0	0	
Offset	0	0	0	
Gain	0	0	0	

## Adjusting Picture Input Settings

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

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

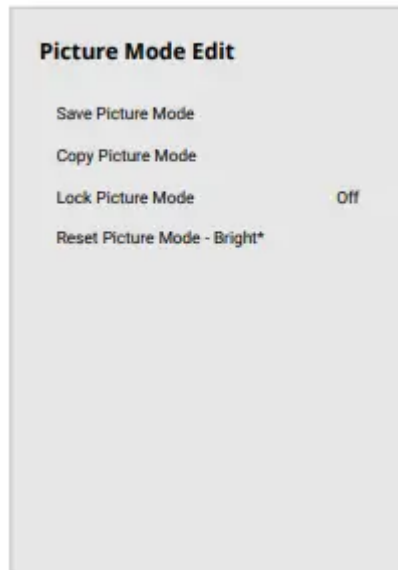
- Picture Size and Position\* — configure the display size and position of the picture to the screen.
- Color Space Range — Select Color Space for the source. Video sources uses YCbCr, but PC uses RGB.

## Adjusting the Picture Mode Edit Settings

**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.



**Copy a Picture Mode** - Custom picture mode settings can be copied to be applied to other inputs

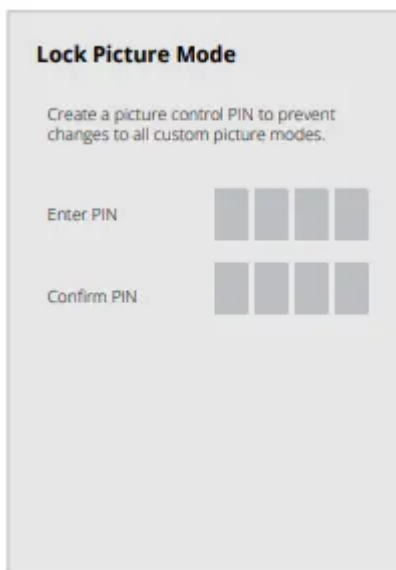
1. Complete the desired changes for the selected picture mode. Select Save Picture Mode to save picture mode for all inputs.
2. Select the input you want to copy your saved picture mode edits to.
3. Change the picture mode to your custom saved mode: Menu > Picture > Picture Mode > select saved custom picture mode
4. Copy your custom picture mode: Menu > Picture > Picture Mode Edit > Copy Picture Mode
5. Select what picture mode you would like to copy over.
6. A notification displays after the copy to your selected picture mode is completed. Now this picture mode will have your custom settings saved over it for the selected input.
7. Repeat as needed to customize additional inputs.

### **Lock a Picture Mode**

Custom picture modes can be locked/unlocked with a unique PIN to prevent accidental changes to their settings. If not previously set, you can set up your system PIN code here.

To lock all custom picture modes: **Menu > Picture > Picture Mode Edit > Lock Picture Mode > On > Enter Your PIN > Save**

To unlock all custom picture modes: **Menu > Picture > Picture Mode Edit > Lock Picture Mode > Off > Enter Your PIN**



**Lock Picture Mode**

Create a picture control PIN to prevent changes to all custom picture modes.

Enter PIN

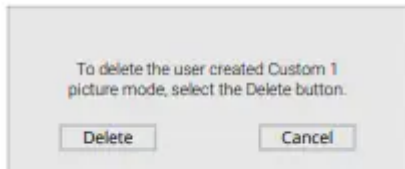
Confirm PIN

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

**Deleting a Picture Mode** - Custom picture modes that are no longer needed can be deleted.

**TIP:** Inputs assigned to deleted custom picture modes become assigned to the Calibration picture mode.

To delete a custom picture mode: **Menu > Picture > Picture Mode Edit > Delete Picture Mode > Delete**



**Resetting a Picture Mode** - A preset picture mode that has been edited can be restored to the factory default settings.

To reset a customized preset picture mode: **Menu > Picture > Picture Mode Edit > Reset Picture Mode > Reset**

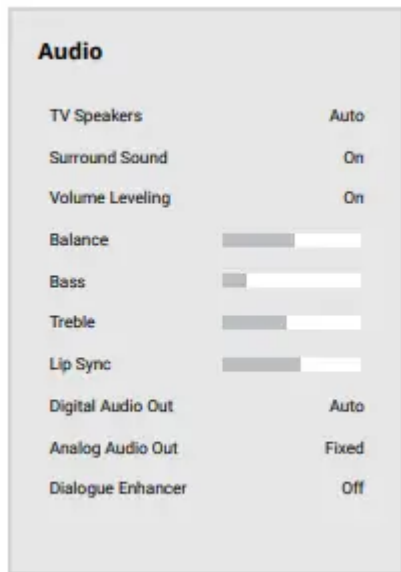
## ADJUSTING THE AUDIO SETTINGS

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.
- Bass — Increase or decrease the bass level.
- Treble — Increase or decrease the treble level
- 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.
- 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.



## SOUND BAR SETTINGS

If a VIZIO sound bar is detected and connected via CEC (HDMI ARC/eARC), sound bar settings will appear.

**To adjust the sound bar settings: Menu > Audio > Sound Bar Settings**

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

TIP: Available sound bar menu settings will be specific to the type of VIZIO sound bar connected. See Adjusting the CEC Settings to enable CEC under the SYSTEM settings.

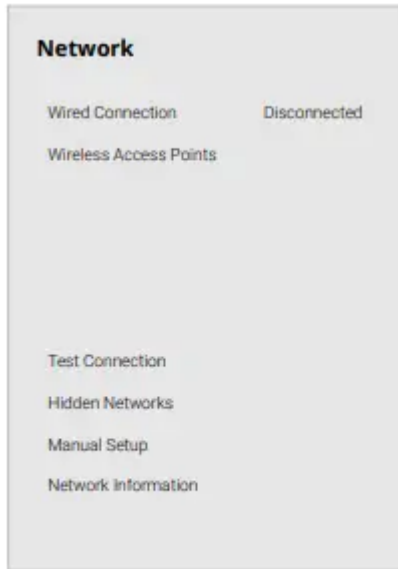
## ADJUSTING THE NETWORK SETTINGS

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 displayed, click on: **More Access Points > Highlight your wireless network > Enter in the password > Connect**

### Testing Your Network Connection

To test your network connection: **Menu > Network > Test Connection**

### 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**



### 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 > Off**

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

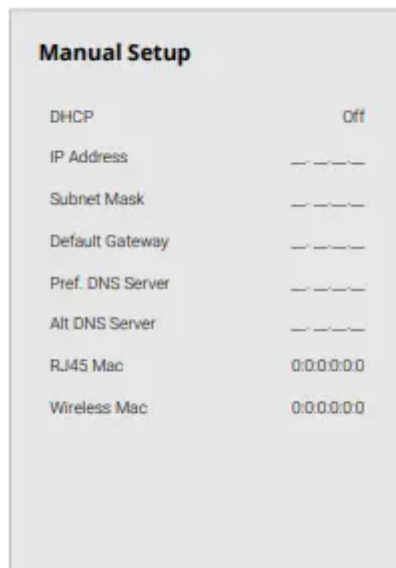
- IP Address — The IP address assigned to the TV.
- Subnet Mask — The subnet Exit 2D.
- Default Gateway — Your network's default gateway address.
- Pref. DNS Server — Your preferred domain name server address.
- Alt. DNS Server — Your alternate domain name server address.

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

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.



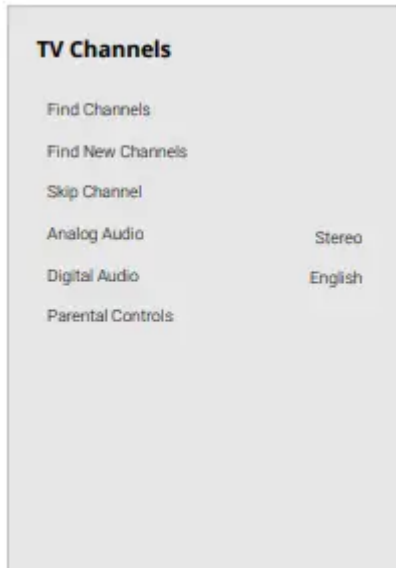
To view network information **Menu > Network > Network Information**

## SETTING UP TV 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

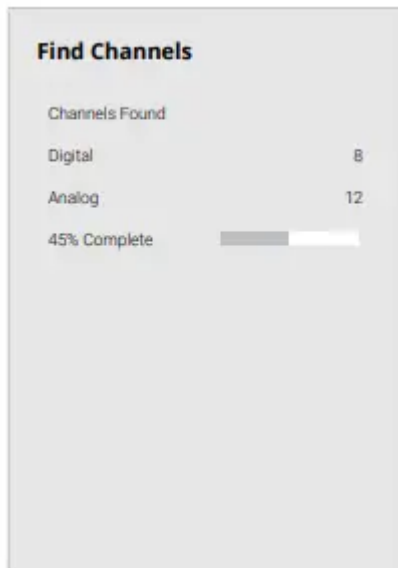


### Scanning for TV Channels

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**

Wait until the channel scan is 100% complete. Highlight Done and press OK. If the channel scan is canceled, the channels that were already discovered are retained.



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.

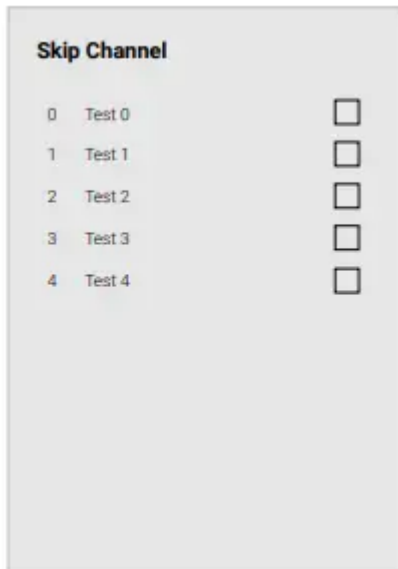
### **Skipping Channels**

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 P appears to the right of each channel you select.



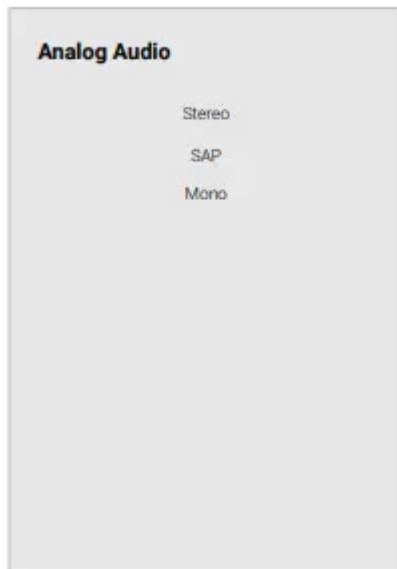
## Changing the Analog Audio Language

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.



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**

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 manage program content according to its rating, you must first enable the Program Rating feature.



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.
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.

To enable or disable the Block Unrated Shows setting: Menu > TV Channels > Parental Controls > Block Unrated Shows > Off/On

## Reset Locks

Reset all locks to default and clear all channel or ratings locks to the unlocked state.

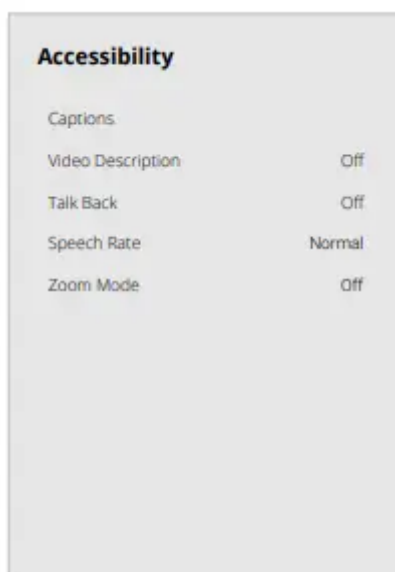
To reset locks: **Menu > TV Channels > Parental Controls > Reset Locks**

## 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%.



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

## Setting Up Closed Captioning

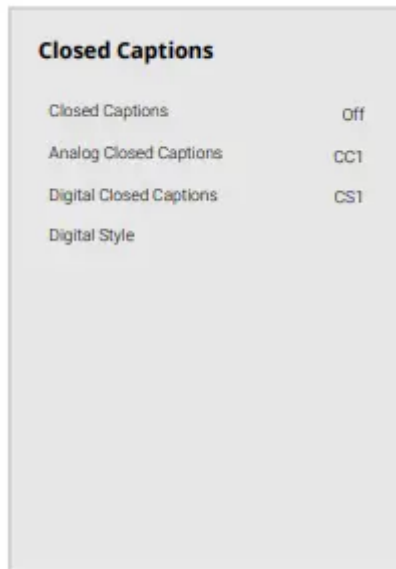
Your TV can display closed captions for programs that include them. Closed captions display a transcription of a program's dialogue.

To activate or deactivate Close Captions for current content: **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



## Changing 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.

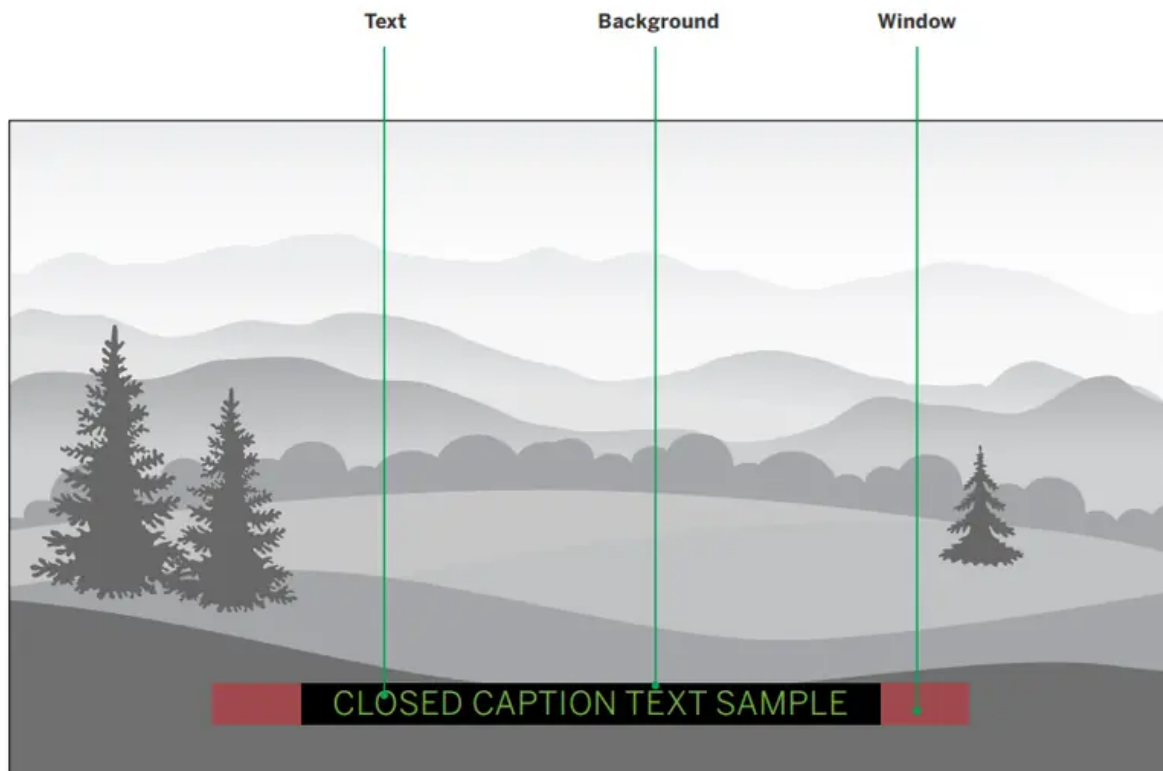
- Text Size — Make the text larger or smaller.
- Text Color — Change the color of the text.
- Text Opacity — Change the transparency of the text.
- Text Edges — Change the effects at the edges of the text, such as raising the edges or adding drop shadows.
- Text Edges Color — Change the color of the 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.

<b>Digital Style</b>	
Text Style	As Broadcast
Text Size	Large
Text Color	Blue
Text Opacity	As Broadcast
Text Edges	As Broadcast
Text Edges Color	As Broadcast
Background Color	As Broadcast
Background Opacity	As Broadcast
Window Color	As Broadcast
Window Opacity	As Broadcast

**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.

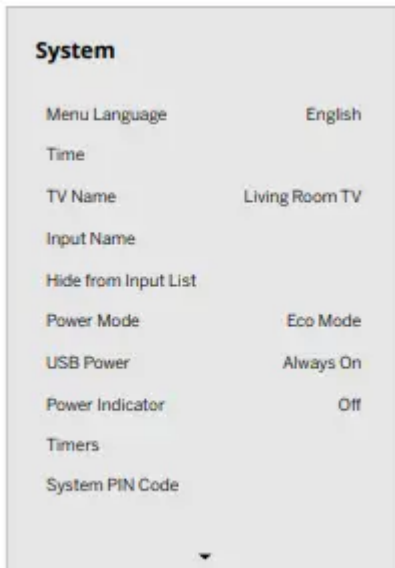
In the example, the closed caption text is green, the background is black, and the window is red.



## CHANGING THE SYSTEM SETTINGS

Using the System menu, you can:

- Change the on-screen menu language
- Set the time zone and local settings
- Name the TV
- Name an input
- Hide inputs not in use
- Adjust the power mode settings
- Set the USB power mode
- Turn the power indicator on or off
- Set up timers
- Set a system PIN code
- Adjust CEC settings
- Manage paired devices
- Manage a voice remote control

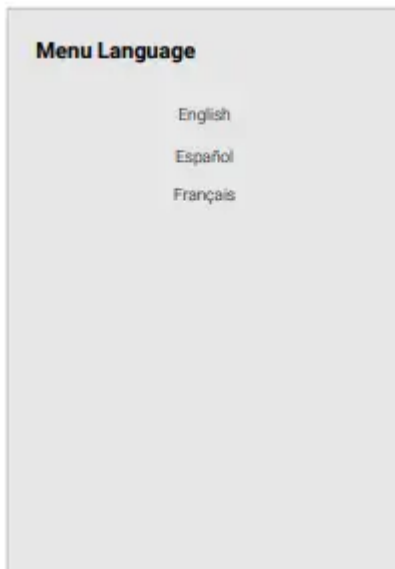


## Changing the On-Screen Menu Language

Your TV can display the on-screen menu in different languages.

To change the on-screen menu language: **Menu > System > Menu Language**

Highlight your preferred language (English, Español, or Français) and press OK.



## Setting the Time

To ensure the correct time is displayed when you press the INFO button, set the TV's time zone: **Menu > System > Time > Time Zone**

**To turn Daylight Saving Time on or off:**

1. Highlight Daylight Saving Time and press OK. The Daylight Saving Time menu is displayed.

2. Choose On if it is currently Daylight Savings Time, Off if it is Standard Time, or Auto to have the system automatically detect Daylight Savings Settings.

### To change Time Format:

1. Highlight Time Format and use the Left/Right Navigation buttons to change between a 12-hour format or 24-hour format.

## Changing the TV Name

Naming your TV helps differentiate it from other cast devices you may have in your home. To edit your TV name: **Menu > System > TV Name > Enter a Name**



## Renaming Devices on the Input Menu

You can rename the inputs to make them easier to recognize on the Input menu. For example, if you have a DVD player connected to the HDMI-1 input, you can rename that input to display “DVD Player.”

To change the name of an input: **Menu > System > Input Name**

To enter a custom name:

- Highlight the Name Input row and press OK.
- Enter your custom label using the on-screen keyboard and press OK.

To Hide an Input from the List: **Menu > System > Hide from Input List**

- Highlight the input name you would like to hide. Hidden inputs will not be displayed in the input list.
- Use the Left/Right Navigation buttons to toggle from visible and hidden.

## Adjusting the Power Mode

Your TV is set to Eco Mode by default. When the TV is powered off, the Eco Mode setting uses less than 0.5W of power. Quick Start Mode enables your display to power on faster and also to turn on when powered from another device (such as when you are casting onto the TV).

**WARNING:** Please note that by changing this setting the energy consumptions required to operate this device will change.

To switch between Eco Mode and Quick Start Mode: **Menu > System > Power Mode**

Highlight either Eco Mode or Quick Start Mode and press OK.

**TIP:** If you want to use a voice assistant to turn your TV on, make sure Quick Start Mode is turned on.

### Using the USB Power Feature

The USB port can be used to charge devices.

The two options for this feature are:

- Always On — Power is always available.
- Off When TV Off — Power is only available with the TV is on.



### Turning the Power Indicator On or Off

The power indicator on the front of your TV normally does not glow when the TV is on. You can change this setting if you prefer the light to be on.

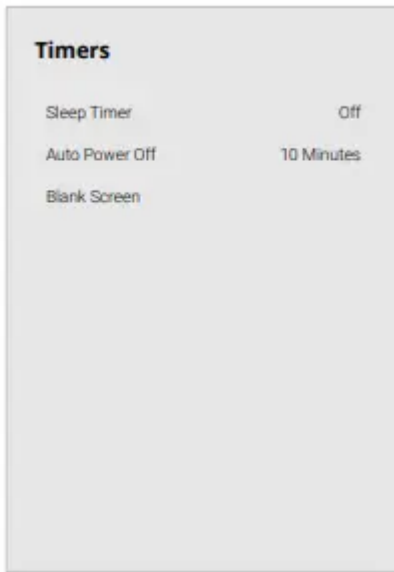
To turn the Power Indicator Light On or Off: **Menu > System > Power Indicator > Off/On**

### Setting Timers

When activated, the TV's timer will turn the TV off after a set period of time.

To setup a sleep timer: **Menu > System > Timers > Sleep Timer**

Use the Left/Right Navigation buttons on the remote to highlight the period of time after which you want the TV to go to sleep: 30, 60, 90, 120, or 180 minutes. If you don't want the sleep timer to activate, change the setting to Off.



### Setting the Auto Power Off Feature

To help save energy, your TV is set by default to turn off after 10 minutes without a video or audio signal. This feature can be deactivated.

To set the Auto Power Off feature: **Menu > System > Timers > Auto Power Off > Off**

### Using the Blank Screen Feature

To help save LED life, your TV screen can turn on or off while audio is streaming.

To use the Blank Screen feature: **Menu > System > Timers > Blank Screen**

To exit Blank Screen, press any key (except the volume and mute keys)

### Setting a System PIN Code

You can set a system pin to lock content and picture modes, as well as prevent accidental system resets. The first time you select System PIN code, you will need to create a PIN.

To create a PIN: **Menu > System > System PIN Code > Enter Your PIN > Save**



## Adjusting the CEC Settings

The CEC function on your TV enables you to control devices connected to an HDMI input with the VIZIO TV remote, without any programming

### **Menu > System > CEC**

Select a setting and then press OK.

- CEC — To use CEC, you must select Enable.
- Device Discovery — To determine if your device is connected and supports CEC, select Device Discovery and then press OK.

**CEC Audio Setup:** Connect your audio device to the HDMI-1 (HDMI ARC) input on the TV. On your audio device, select the HDMI ARC input.

Using CEC, your VIZIO TV remote can control such features including (depending on specific device):

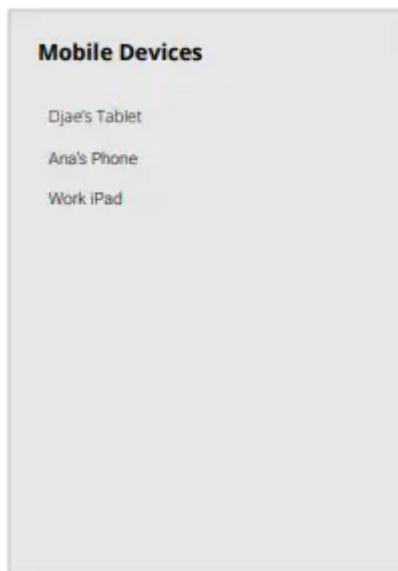
- Power On/Off
- Volume and mute
- Play and pause

## Managing Mobile Devices

Your TV can be paired with a mobile device so you can easily control your TV across multiple devices.

To see a list of paired devices or unpair a device: **Menu > System > Mobile Devices**



Highlight a device name to delete it and press OK.




### Pair a VIZIO Voice Remote

Your TV can be paired with a VIZIO Voice Remote (sold separately) using the USB dongle attachment.

To pair voice remote (after plugging in the USB dongle): **Menu > System > Voice Remote**

Press and hold both the  MIC and  MUTE buttons for 5 seconds to launch pairing mode.

To use your successfully paired voice remote: Press and hold the  MIC button while speaking a command.

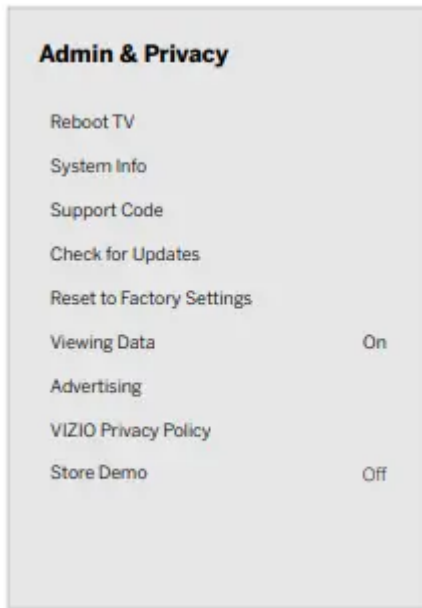
### USING THE ADMIN & PRIVACY MENU

You can use the TV's Admin & Privacy menu to restore the TV to its factory default settings as well as access other administrative settings.

Using the ADMIN & PRIVACY menu, you can:

- Force the system to power off and on
- View system information
- View a customer service support code
- Check for system updates
- Reset the TV to factory settings
- Enable or disable viewing data
- Personalize advertising choices
- View the VIZIO Privacy Policy

- Start or stop the store demo mode



### Performing a Reboot

A reboot forces the TV to turn off then on again.

**Menu > Admin & Privacy > Reboot TV**

### Viewing System Information

To view technical data and status information about your TV and network connection: **Menu > Admin & Privacy > System Information**

### Accessing the Support Code

Retrieve a customer service support code/PIN or access basic TV information to assist in a customer service interaction.

To retrieve your support code: **Menu > Admin & Privacy > Support Code**

### Restoring the TV to Factory Default Settings

All of the on-screen menu settings can be reset to the factory defaults.

**WARNING:** If you restore the TV to the factory default settings, all change you have made to the settings will be lost. This includes any wireless or picture settings.

To restore the TV to its factory default settings: **Menu > Admin & Privacy > Reset to Factory Settings**

1. If you set a system PIN code, enter it now.
2. . The TV displays, "Select Reset to restore all TV settings to factory defaults."
3. Highlight Reset and press OK.

4. Wait for the TV to turn off. The TV will turn back on shortly afterward and the setup process will begin.

**TIP:** You can also reset the TV to default setting by press and holding (20 seconds) the power/input button located under the remote sensor. See "Power/Input Button".

### Viewing Data

To turn viewing data on or off: **Menu > Admin & Privacy > Viewing Data**

Use the Left/Right Navigation buttons to toggle from on or off

### Managing Advertising Settings

Your advertising choices can be personalized.

**Limited Ad Tracking:** When enabled, TV Ad ID will not be passed or used for personalized ads on this device.

To turn on or off: **Menu > Admin & Privacy > Advertising > Limited Ad Tracking**

- Use the Left/Right Navigation buttons to toggle from on or off

**Reset TV Advertiser ID:** An Identifier for Advertising — can be reset to a new identifier at any time.

To reset the TV Advertiser ID: **Menu > Admin & Privacy > Advertising > Reset TV Advertiser ID > OK**

**Ad Replacement:** Replaces Standard Ads with Personalized Ads in Linear TV.

To turn Ad Replacement on or off: **Menu > Admin & Privacy > Advertising > Ad Replacement**

- Use the Left/Right Navigation buttons to toggle from on or off

### View VIZIO Privacy Policy

To view VIZIO Privacy Policy: **Menu > Admin & Privacy > VIZIO Privacy Policy > OK**

### Store Demo

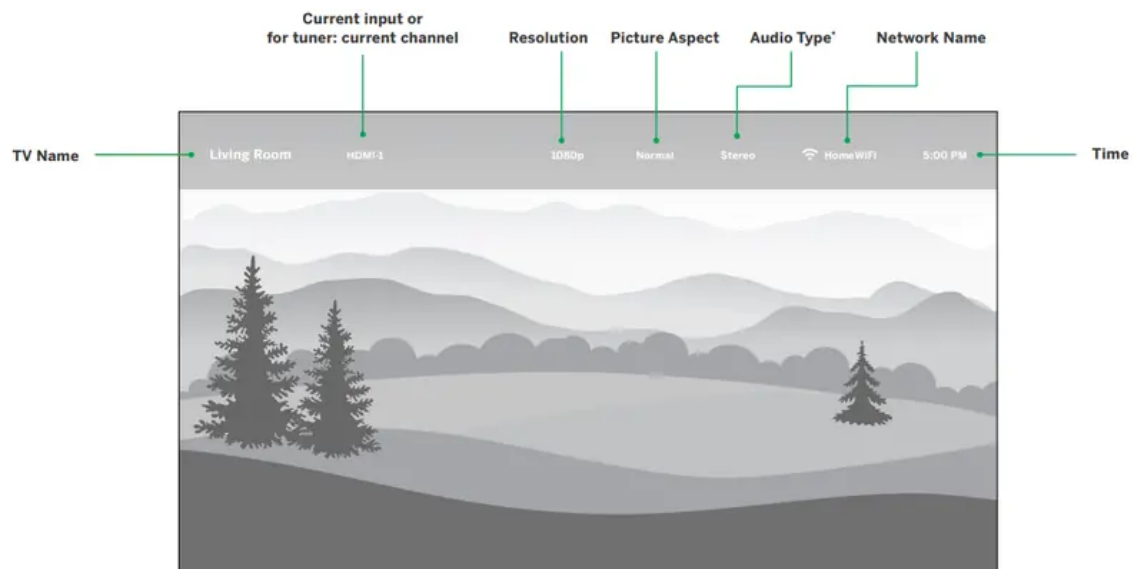
To set to Off, Demo 1, or Demo 2: **Menu > Admin & Privacy > Store Demo**

## USING THE INFO WINDOW

Press the INFO button to display:

- TV name
- Current input or for tuner: current channel
- Picture resolution
- Picture aspect
- Audio type

- Network name
- Time




## SmartCast Home™

### What is SmartCast Home?

SmartCast Home lets you discover, stream, and control your content like never before! Access top apps, like Netflix, Disney+, and Hulu, by using the remote to easily browse and launch content directly from the home screen. SmartCast Home makes finding something to watch easy and fun.

### How to Launch SmartCast Home

To begin streaming with SmartCast Home:

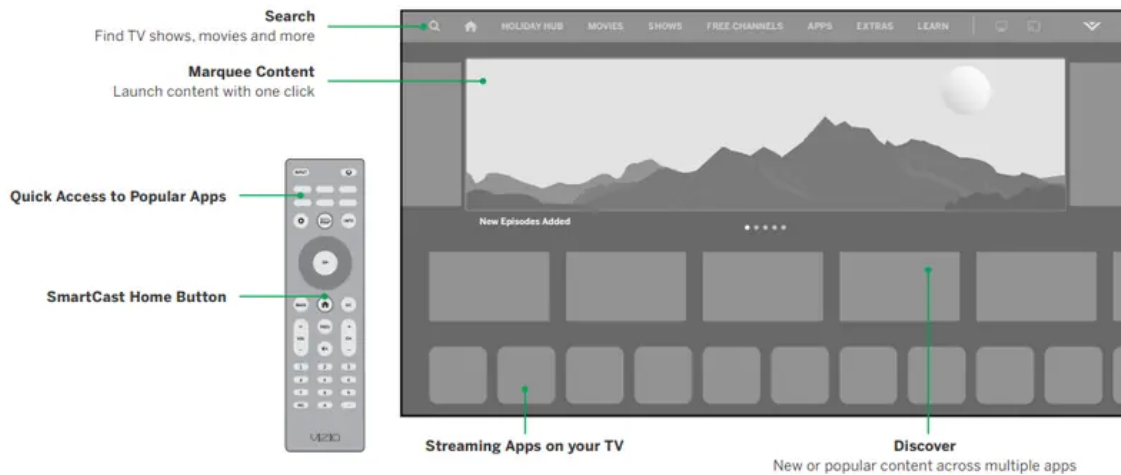
- Press the SmartCast Home button  on your remote.
- Select SmartCast from the list of inputs.

### What you can do with SmartCast Home

- Stream high quality entertainment.
- Launch top tier apps directly from the home screen.
- Access free channels to watch without a subscription through WatchFree+.
- Rearrange apps on your home screen just the way you like it.
- Mirror your laptop or mobile device onto your TV through Apple Airplay or Chromecast built-in™.



- Works with Google Assistant, Siri, and Alexa-enabled devices for hands-free voice control.



## Control your TV with the SmartCast Mobile™ App

Download the VIZIO SmartCast Mobile app and turn your smartphone into a remote to control and configure your TV.

With SmartCast Mobile, you can:

- Power on/off devices, play/pause content, and modify advanced settings, all from the palm of your hand.
- Easily enter text onto your TV/display from your mobile device using a full keyboard.
- Browse and discover movies, TV shows, music, live streams, and more, across multiple apps at once.
- Access a quick look at show ratings, synopsis, cast, crew, clips, and other details



**Scan to download.**

Scan with your phone camera or QR reader.

[vizio.com/smartcastapp](http://vizio.com/smartcastapp)



## WatchFree+™

### What is WatchFree+?

VIZIO WatchFree+ takes your cord-cutting entertainment experience one step further! With the simple press of a button, enjoy free streaming TV with hundreds of live TV channels to choose from – news, movies, sports, comedy, music and more. A built-in on-screen guide makes finding something to watch easier than ever.


And it's all FREE—no fees, no subscriptions, or logins.

### What you can do with WatchFree+

- Stream hundreds of live TV channels absolutely free – news, movies, sports, comedy, music and more. •
- Navigate through channels, organized by genre, with an intuitive on-screen guide.
- Watch the best of internet TV.
- No logins, subscriptions or transactions fees.

### How to Launch WatchFree+

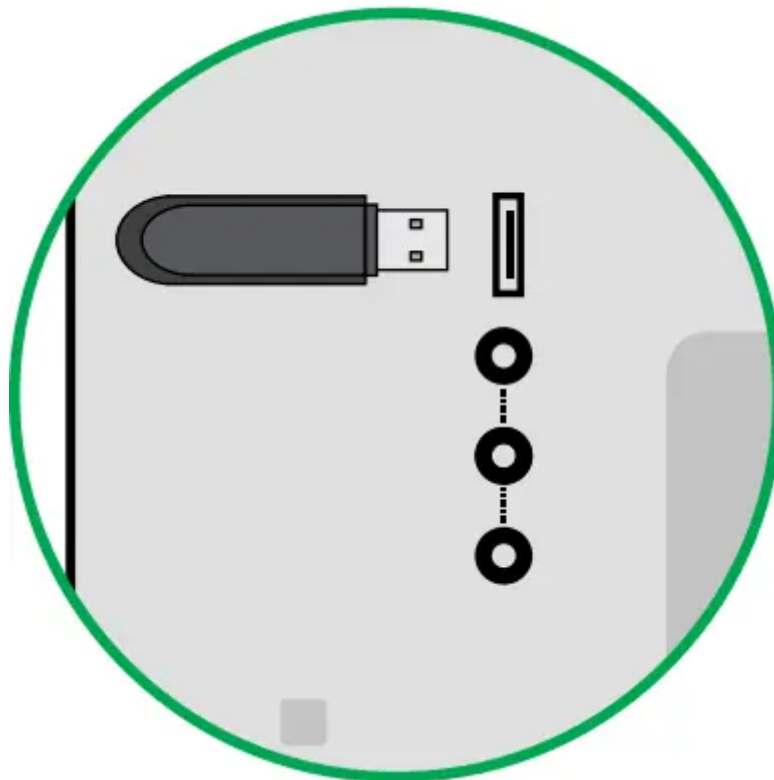
To launch and begin watching entertainment offered on WatchFree+:

- Press the WatchFree+  button on your remote.
- Select WatchFree+ from the list of inputs or app row.



## Playing USB Media

The USB Media Player allows you to connect a USB flash drive to your TV and play music, video, or photos.



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.

### Preparing Your USB Drive to Play USB Media

To display USB media, you must first save your videos onto a USB flash drive:

- The USB flash drive must be formatted as FAT32.
- Files on the USB flash drive must end in a supported file extension ( .mp3, .jpg, etc).

- The player is not designed to play media from external hard drives, MP3 players, cameras, or smartphones.

## Displaying USB Media

To display your USB media:

1. Connect your USB flash drive to the USB port on the side of the TV.
2. The TV will recognize the USB. Use the Navigation Keys on the remote to select the content you want to play. —or—
3. Select USB from the bottom streaming icons on the SmartCast Home™ page.

**TIP:** You can display your photos in Fullscreen. Select the photo, press OK, then highlight Fullscreen and press OK.

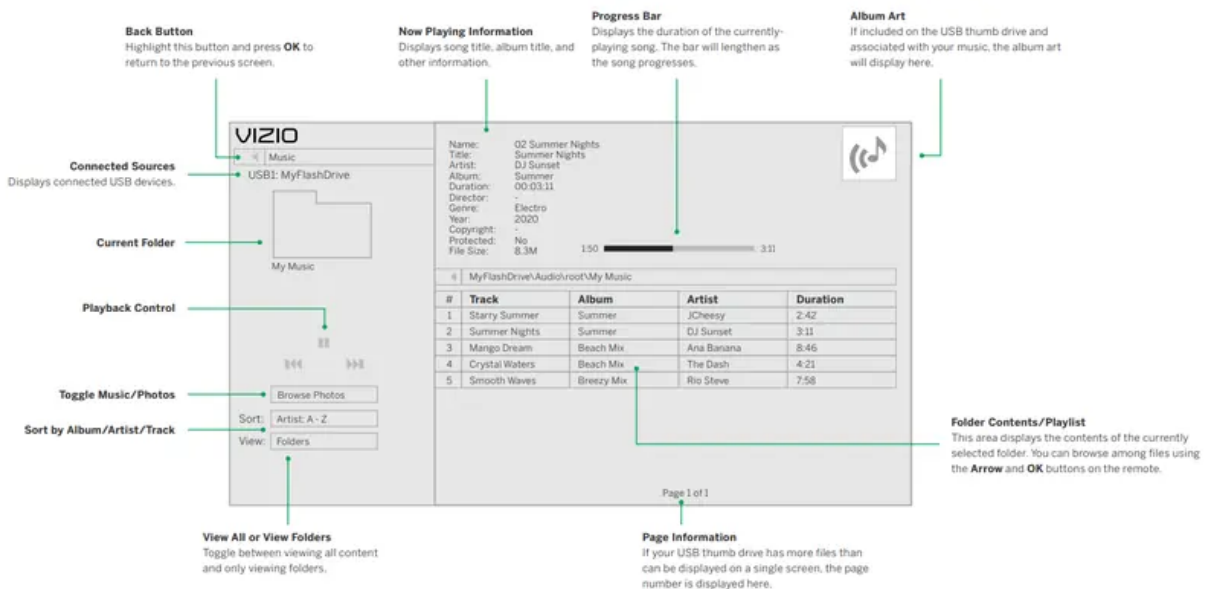
## Removing the USB

Drive from the TV To safely remove your USB flash drive from the TV:

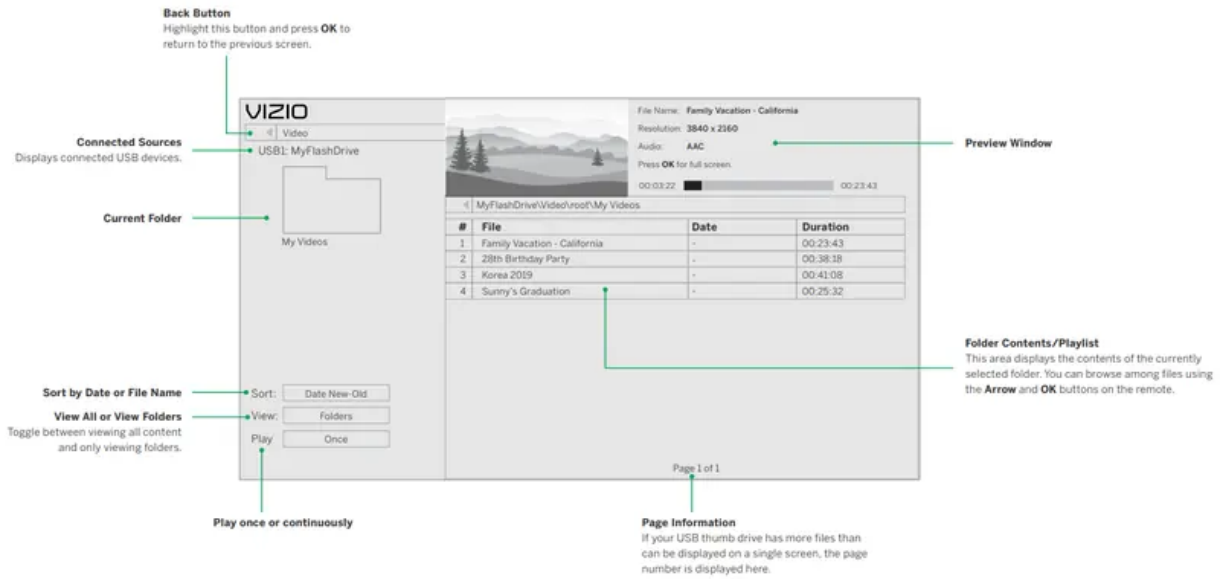
1. Turn the TV off.
2. Disconnect your USB flash drive from the USB port on the side of the TV.

**WARNING:** Do not remove the USB drive while the TV is on. Doing so may damage the drive.

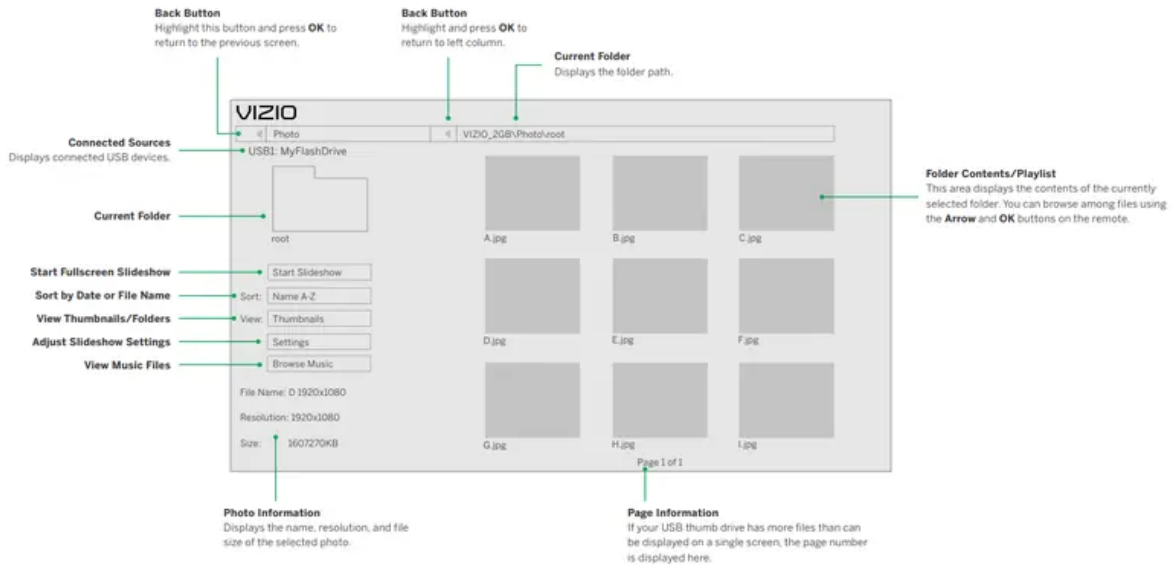
## Playing USB Media: Music



# Playing USB Media: Video



# Playing USB Media: Photo



# Product Registration and Support

Get helpful tips and register your TV. Scan with your phone camera or QR reader.





**Customized Support:** Get live assistance quickly with your information on hand



**News and Offers:** Take advantage of the latest news and special offers from VIZIO.



**Updates and Enhancements:** Stay up-to-date with important product updates and notifications

## Help Topics

### 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](http://vizio.com/accessibility),
- Email us at: [Accessibility@vizio.com](mailto: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](http://VIZIO.com/Apple)
  - [VIZIO.com/Google](http://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](http://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

## Specifications

	D24h-J09	D24f-J09	D32h-J09	D32f-J04	D40f-J09	D43f-J04
<b>Size</b>	24"	24"	32"	32"	40"	43"
<b>Viewable Area</b>	23.5"	23.5"	31.5"	31.5"	39.5"	42.5"
<b>PRODUCT DIMENSIONS</b>						
<b>Dimensions w/ Stand</b>	21.82" x 14.85" x 6.21" (554.3 x 377.3 x 157.8 mm)	21.82" x 14.85" x 6.21" (554.3 x 377.3 x 157.8 mm)	28.88" x 19.49" x 7.04" (733.5 x 495.1 x 178.7 mm)	28.59" x 19.02" x 4.66" (726.28 x 483.2 x 118.3 mm)	35.55" x 22.81" x 8.81" (903.1 x 579.3 x 223.8 mm)	38.1" x 24.47" x 9.37" (968.3 x 621.5 x 237.9 mm)
<b>Dimensions w/o Stand</b>	21.82" x 13.28" x 2.34" (554.3 x 337.3 x 59.4 mm)	21.82" x 13.28" x 2.34" (554.3 x 337.3 x 59.4 mm)	28.88" x 17.21" x 2.78" (733.5 x 437.1 x 70.5 mm)	28.59" x 16.76" x 3.06" (726.28 x 425.7 x 77.62 mm)	35.55" x 20.45" x 2.54" (903.1 x 519.3 x 64.6 mm)	38.1" x 22.11" x 2.697" (968.3 x 561.5 x 68.5 mm)
<b>Weight w/ Stand</b>	6.07 lb (2.75 kg)	6.07 lb (2.75 kg)	8.71 lb (3.95 kg)	8.99 lb (4.08 kg)	12.35 lb (5.6 kg)	14.4 lb (6.53 kg)
<b>Weight w/o Stand</b>	6 lb (2.72kg)	6 lb (2.72kg)	8.62 lb (3.91 kg)	8.86 lb (4.02 kg)	12.17 lb (5.5 kg)	14.22 lb (6.45 kg)
<b>Mounting Screw Size</b>	M4	M4	M4	M4	M6	M4
<b>Hole Pattern</b>	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm	200 mm x 100 mm	200 mm x 100 mm
<b># of Screws (not included)</b>	4	4	4	4	4	4
<b>PICTURE QUALITY</b>						
<b>Maximum Resolution</b>	1366 x 768 (HD)	1920 x 1080 (FHD)	1366 x 768 (HD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
<b>LCD Backlight</b>	EdgeLit LED	Full Array LED	Full Array LED	Full Array LED	Full Array LED	Full Array LED
<b>Refresh Rate</b>	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
<b>INPUTS / OUTPUTS</b>						
<b>HDMI Inputs</b>	2	2	2	2	2	2
<b>Composite Video Inputs</b>	1	1	1	1	1	1
<b>Ethernet Input</b>	0	0	0	0	0	1
<b>RF Antenna Input</b>	1	1	1	1	1	1
<b>USB</b>	1	1	1	1	1	1
<b>Audio Output</b>	HDMI ARC, Analog Stereo Output (3.5 mm)	HDMI ARC, Analog Stereo Output (3.5 mm)	HDMI ARC, Analog Stereo Output (3.5 mm), Digital Optical	HDMI ARC, Digital Optical	HDMI ARC, Analog Stereo Output (3.5 mm), Digital Optical	HDMI ARC, RCA, Digital Optical
<b>OTHER</b>						
<b>Remote Control</b>	IR Remote	IR Remote	IR Remote	IR Remote	IR Remote	IR Remote
<b>Power Consumption</b>	41 W	43 W	52 W	55 W	54 W	75 W
<b>Standby Power</b>	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
<b>Voltage</b>	120V	120V	120V	120V	120V	120V
<b>OSD Language</b>	English, French, Spanish	English, French, Spanish	English, French, Spanish	English, French, Spanish	English, French, Spanish	English, French, Spanish
<b>Certification</b>	UL, cUL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio	UL, cUL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio	UL, cUL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio	UL, cUL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio	UL, cUL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio	UL, cUL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio

## Regulatory Information

### FCC Class B Radio Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **FCC**

Caution Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## **Notice**

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operations in the 5GHz products are restricted to indoor usage only.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## **Canada Notice for License-Exempt Radio Apparatus**

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device operates on a no-protection no-interference basis. Should the user seek to obtain protection from other radio services operating in the same TV bands, a radio license is required. Please consult Industry Canada's document CPC-2-1-28, Optional Licensing for Low-Power Radio Apparatus in the TV Bands, for details.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes:

1. le dispositif ne doit pas produire de brouillage préjudiciable, et
2. ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable

Cet appareil fonctionne sur une base sans protection et sans interférence. Dans le cas où l'utilisateur cherche à obtenir de la protection des autres services de radio fonctionnant sur les mêmes bandes TV, aucune licence est requise. Veuillez consulter le document CPC-2-1-28 d'Industrie Canada, License optionnelle pour les appareils radio de faible puissance, pour plus de détails.

Industry Canada Class B emission compliance statement

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## Limited Warranty

### UNITED STATES AND CANADA

By using this VIZIO product, you accept all VIZIO Terms and Conditions, including all the Terms of Warranty, BINDING ARBITRATION AGREEMENT (for U.S. Residents Only), and Class Action Waiver. If you do not agree to the terms of this warranty, do not use the VIZIO product and, within thirty (30) days of the date of purchase, return it for a refund to the authorized retailer where you purchased it. If you live in the U.S., you have the right to opt out of the Arbitration Agreement and Class Action Waiver within 60 calendar days of your purchase. Please refer to the full section "Binding Arbitration Agreement; Class Action Waiver" below for more details and instructions for opt-out. Full Terms and Conditions may be viewed at [vizio.com/en/terms/terms-of-service](http://vizio.com/en/terms/terms-of-service).

### How Long This Warranty Lasts

For non-commercial use, VIZIO warrants the product on the terms set forth below for one (1) year from the date of original purchase. For commercial use, VIZIO warrants this product on the terms set forth below for ninety (90) days from the date of original purchase.

### What This Warranty Covers

VIZIO warrants the product against defects in materials and workmanship when the product is used normally in accordance with VIZIO's user guides and manuals.

Except where restricted by law, this warranty applies only to the original purchaser of a new product. The purchase must have been made from an authorized retailer in the United States (including Puerto Rico) or Canada. The product must also be located in the country where it was purchased at the time of warranty service.

### **Zero Bright Pixel Defect Guarantee (Displays Only)**

Your product may qualify for a warranty against “zero bright pixel” defects for the duration of the warranty on select new product purchases. To determine if this guarantee applies to your product, refer to the model’s product information page at [www.vizio.com](http://www.vizio.com), look for the “zero bright pixel” guarantee on the box, or contact VIZIO Technical Support at the email address or telephone number below.

### **How to Get Service**

Before obtaining warranty service, you may visit [www.vizio.com](http://www.vizio.com) for additional help and troubleshooting. To obtain warranty service, contact VIZIO Customer Support by going to [support.vizio.com](http://support.vizio.com) and selecting Contact Us.

### **Your Obligations Before Service**

You must obtain pre-authorization before sending your product to a VIZIO service center. You may be required to supply a purchase receipt (or copy) to show that the product is within the warranty period. When you return a product to a VIZIO service center, you must ship the product in its original packaging or in packaging that affords an equal degree of protection. VIZIO Technical Support will provide instructions for packing and shipping the product to the VIZIO service center. ALL USER DATA AND DOWNLOADED APPLICATIONS STORED ON A PRODUCT WILL BE DELETED IN THE COURSE OF SOME IN-HOME AND ALL SHIP-IN WARRANTY SERVICE. If this occurs, your product will be restored to its original state. You will be responsible for restoring all applicable user data and downloaded applications. Recovery and reinstallation of user data and downloaded applications is not covered under this warranty. In order to protect your personal information, VIZIO recommends that you always clear all personal information from the product before it is serviced, regardless of the servicer.

### **VIZIO’s Responsibilities**

If VIZIO determines that a product is covered by this warranty, VIZIO will (at its option) repair or replace it, or refund the purchase price to you. There will be no charge for parts or labor during the warranty period. Replacement parts may be new or recertified at VIZIO’s option and sole discretion. Replacement parts and VIZIO’s labor are warranted for the remaining portion of the original warranty or for ninety (90) days from warranty service, whichever is longer.

### **Types of Service**

TVs that are 32 inches or larger will usually be serviced in-home. In-home service requires complete and easy access to the product and does not include de-installation or re-installation of the product. In-home service is subject to availability. VIZIO will provide other service options when in-home service is not available. All other VIZIO products must be sent to a VIZIO service center to obtain warranty service. VIZIO is not responsible for transportation costs to the service center, but VIZIO will cover return shipping to the customer.

### **What This Warranty Does Not Cover**

This warranty does not cover: (a) cosmetic damage; (b) normal wear and tear; (c) improper operation; (d) improper voltage supply or power surges; (e) signal issues; (f) damage from shipping; (g) acts of God; (h) customer misuse, modifications or adjustments; (i) installation, set-up, or repairs attempted by anyone other than by a VIZIO authorized service center; (j) products with unreadable or removed serial numbers; (k) products requiring routine maintenance; or (l) products sold "AS IS", "CLEARANCE", "FACTORY RECERTIFIED", or by a non-authorized reseller.

### **What to Do If You Are Not Satisfied With Service**

If you feel VIZIO has not met its obligations under this warranty, you may attempt to resolve the issue informally with VIZIO. If you are unable to resolve the issue informally and wish to file a formal claim against VIZIO, and if you are a resident of the United States, you must submit your claim to binding arbitration according to the procedures described below, unless an exception applies. Submitting a claim to binding arbitration means that you do not have the right to have your claim heard by a judge or jury. Instead your claim will be heard by a neutral arbitrator.

#### **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.