

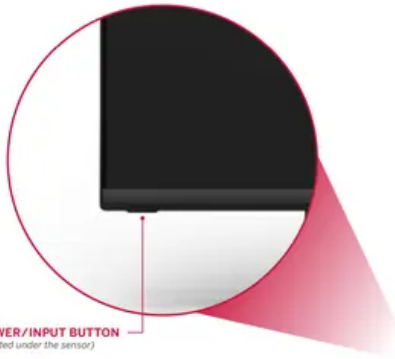
# User Manual Tv

## Getting to Know Your TV

### FRONT PANEL

#### Remote Sensor and Power Indicator

When using the remote, aim it directly at this 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 <?>.



#### POWER/INPUT BUTTON (located under the sensor)

##### When TV is OFF:

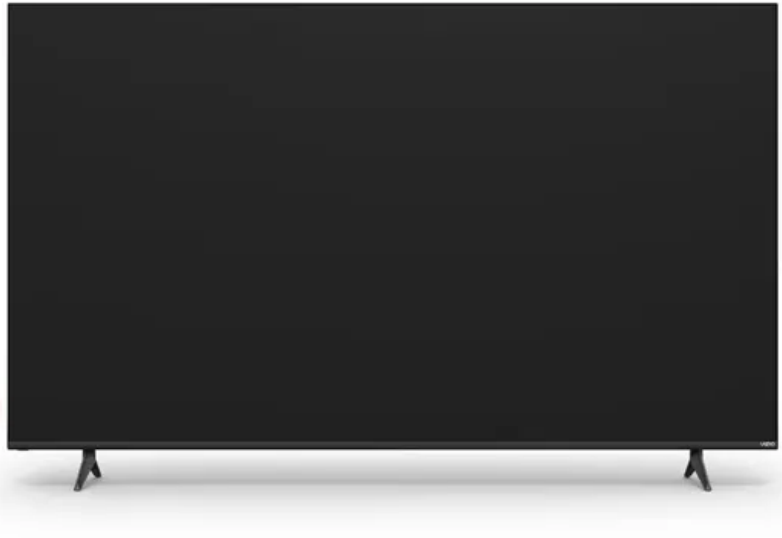
Press to turn on the TV.

##### When TV is ON:

Press to change to the next input source.

Press, hold (3 seconds) and release to turn TV off.

Press and hold (12 seconds) to reset TV to default settings.



### 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.



**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

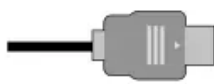


**Ethernet**  
Connect an Ethernet cable  
to modem/router

### Connecting a device — AUDIO & VIDEO CABLE TYPES



### HDMI CABLE



HDMI

### COAXIAL CABLE



Coaxial

### COMPOSITE (AV) CABLE



Y



L



R

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

#### HDMI CABLE



HDMI

#### COMPONENT AND/OR COMPOSITE CABLE



R



L

#### OPTICAL/SPDIF CABLE



Optical

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.

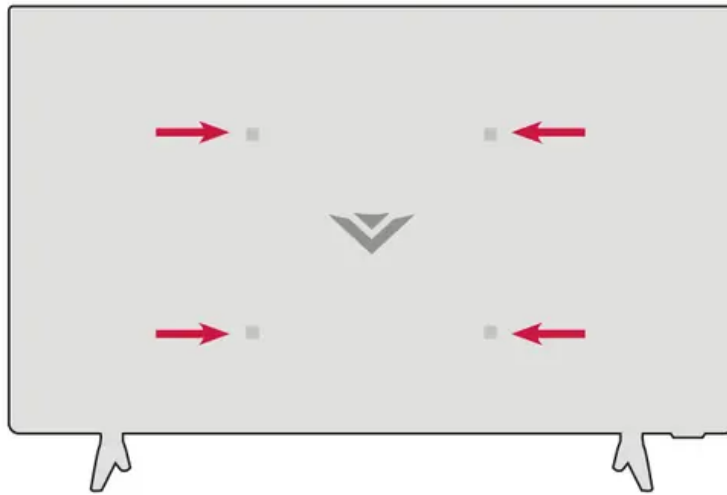
Be sure the mount you choose is capable of supporting the weight of the TV.

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.

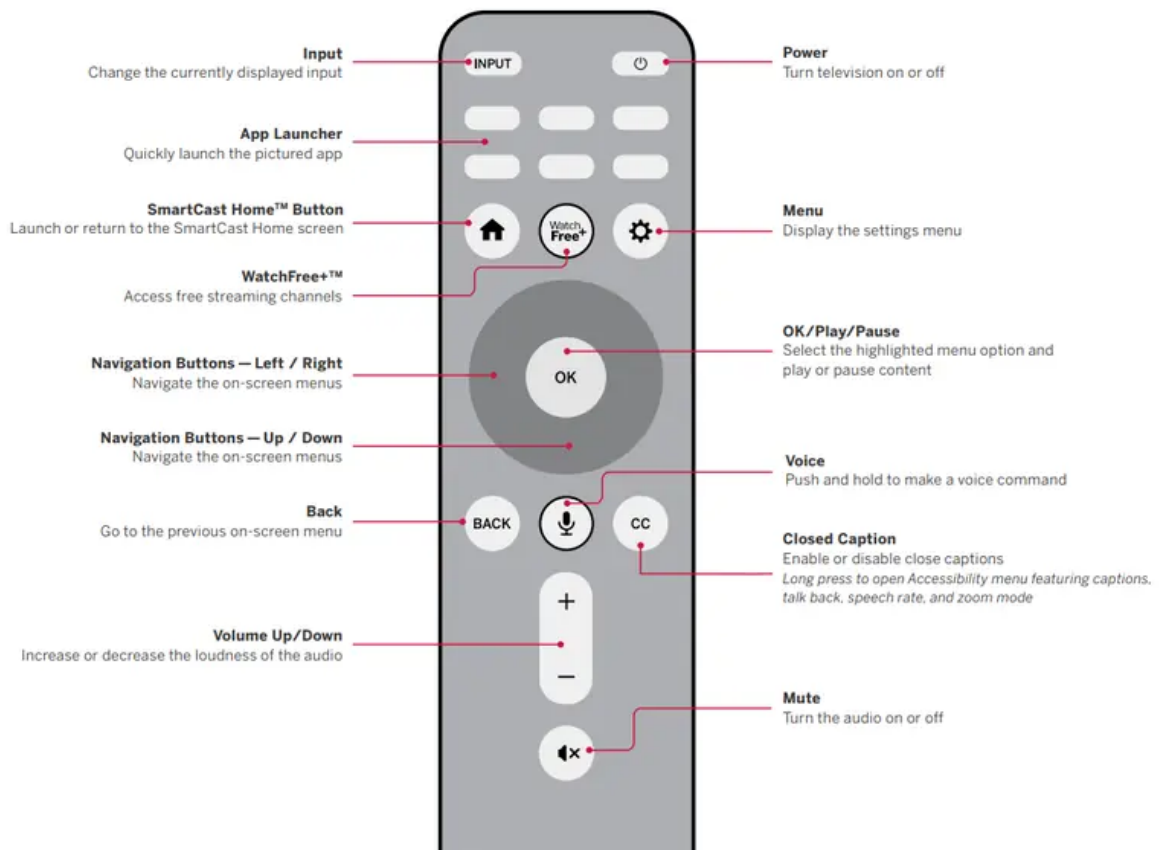
WARNING: Do not use the screws that are included inside the wall mount holes to mount TV.





**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.

	M43Q6-J04	M50Q6-J01	M55Q6-J01	M65Q6-J09
<b>Screw Size</b>	M4	M6 x 14 mm	M6 x 14 mm	M6
<b># of Screws (not included)</b>	4	4	4	4
<b>Hole Depth</b>	10 mm	14 mm	14 mm	9 mm
<b>Hole Pattern</b>	200 mm x 100 mm	200 mm x 200 mm	300 mm x 200 mm	400 mm x 200 mm
<b>Weight w/o Stand</b>	16.5 lb (7.5kg)	25.46 lb (11.55 kg)	29.39 lb (13.33 kg)	41.23 lb (18.7 kg)

## USING THE REMOTE








## USING THE VOICE REMOTE

- You can easily control your TV with the included Voice Remote.
- To pair your remote to the TV: During first-time setup, your remote should automatically pair to your TV with Bluetooth.
- To manually pair: Press the MIC  button to launch pairing mode.
- How to use the voice control:
  1. Push and hold the MIC  button while speaking a command.



### Here are some phrases you can say:

-  "Find free comedy movies."
-  "Switch input to HDMI-2."
-  "Launch WatchFree+."
-  "Turn on captions."
-  "Lower volume to 10."



**Scan to learn more.**

Scan with your phone camera or QR reader.

**Using the SmartCast Mobile™ app for voice control:** You can also use the free VIZIO SmartCast Mobile app as a voice control remote. Refer to the SmartCast Mobile section for more information.

**Connect to other popular voice assistant devices:** VIZIO TVs also work with Google Assistant, Siri, and Alexa-enabled devices for hands-free voice control.



TIP: If you want to use a voice assistant to turn your TV on, make sure Quick Start Mode is enabled. Refer to Adjusting the Power Mode

This device is equipped with the VIZIO Voice feature. By activating the VIZIO Voice feature (either through the mobile application or Bluetooth remote), you can control your Smart TV, and use many of its features, with voice commands. In order to provide you the VIZIO Voice feature, some voice commands may be transmitted to a third-party service provider that will translate your voice command into text and provide VIZIO Voice features. We may also capture and collect voice commands and associated text(s) in order to provide the VIZIO Voice feature and evaluate and improve the features. VIZIO will only capture voice commands when you press the microphone button on your remote or mobile app and speak into the microphone on the remote control or mobile phone. You may disable the VIZIO Voice feature for your remote at any time by unpairing your Bluetooth remote.

## 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:



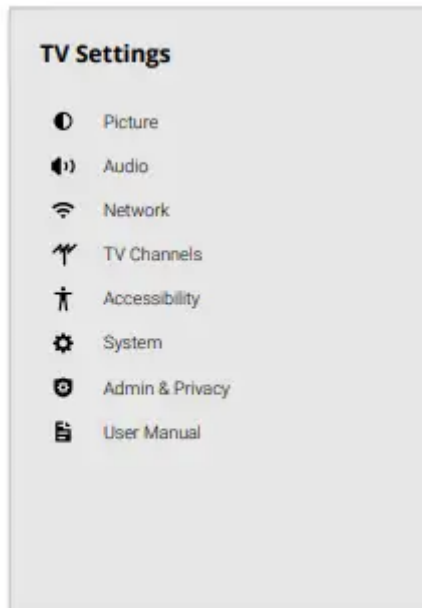
## Using the On-Screen Menu

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.

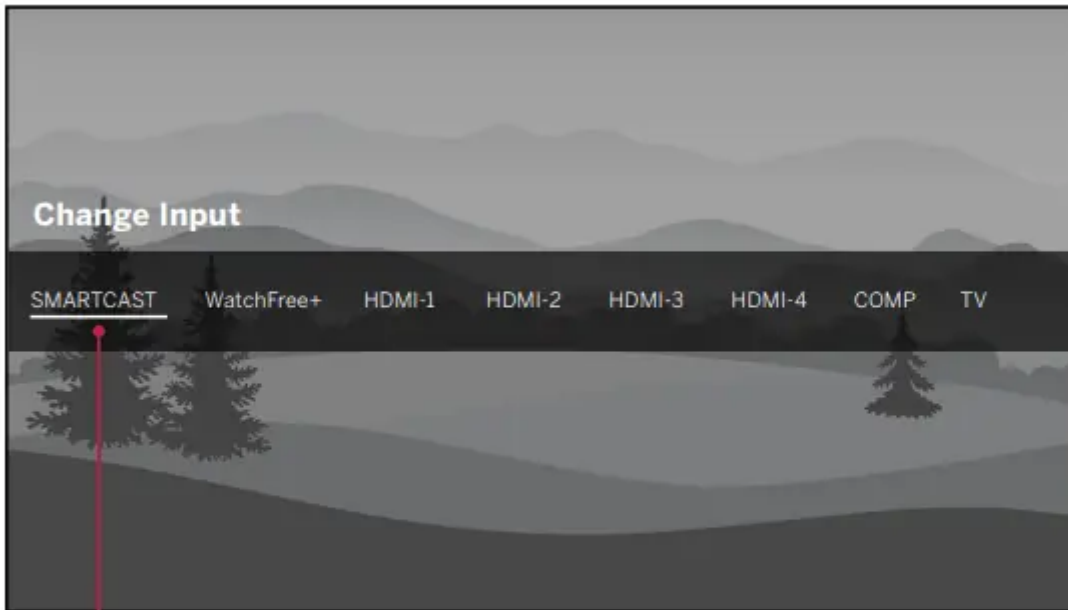
TIP: While navigating the on-screen menu, you can press the BACK button at any time to return to the previous menu screen.

## 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

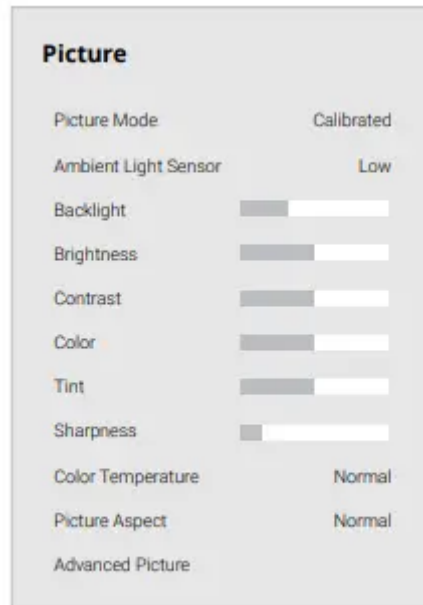
Your TV can be adjusted to suit your preferences and viewing conditions.

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.

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:



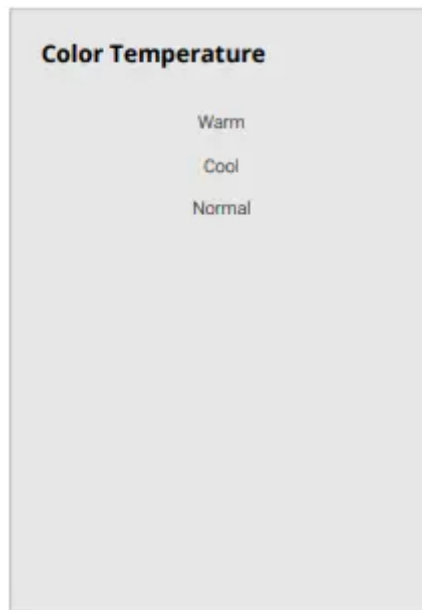
- Ambient Light Sensor — Detects your room's light level and automatically adjusts the background. Select Low for the darkest picture or High for the brightest picture. Select Off for manual backlight control.
- Backlight (SDR content) or Tone Mapping (HDR content) — Adjusts the LED brightness to affect 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.

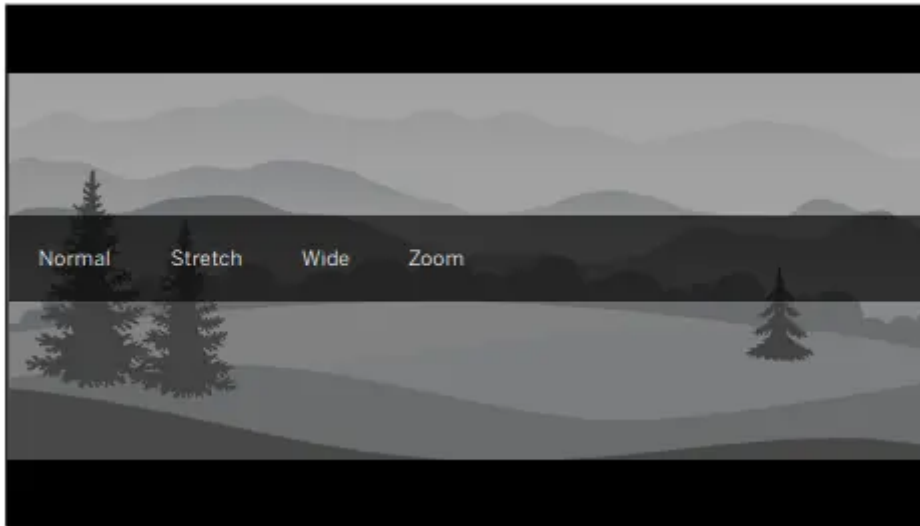


### Changing the Picture Aspect Ratio

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

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.



### 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.
- 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.

- 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.
- 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

To turn color channels off and on:

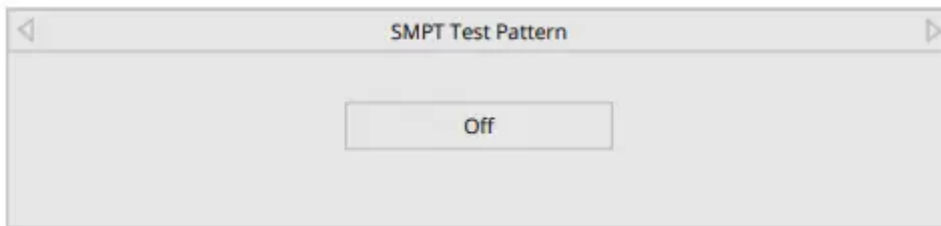
1. Use the Navigation buttons on the remote to highlight Red, Green, or Blue.
2. Press the OK button to turn the color channel off or on. An X appears over a color channel that has been turned off.
3. Only two color channels can be turned off at the same time.

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.

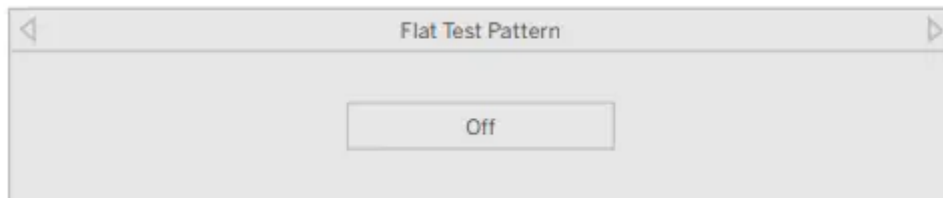
Color Tuner						
	Red	Green	Blue	Cyan	Magenta	Yellow
Hue	0	0	0	0	25	-14
Saturation	-1	5	-4	0	-2	0
Brightness	-24	0	-22	0	0	0

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



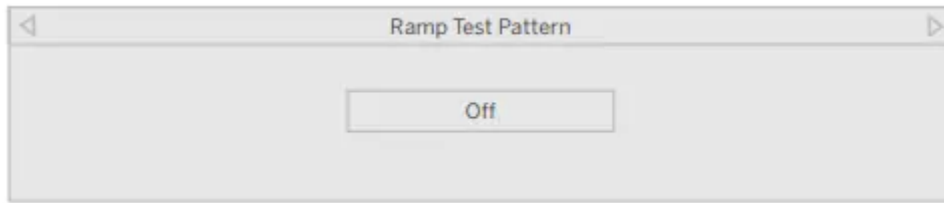
1. Use the Navigation buttons on the remote to highlight Off. Use the Left/Right Navigation buttons to select On to show the SMPTE Pattern. —or—
2. To hide the SMPTE Test Pattern, use the Left/Right Navigation buttons to select Off.

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



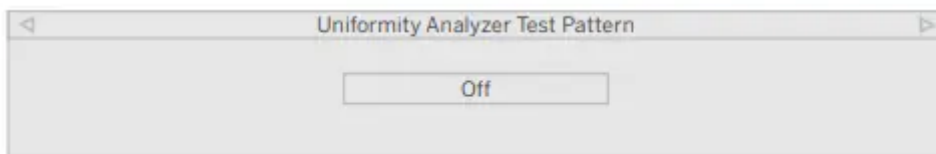
1. Use the Navigation buttons on the remote to highlight Off. Use the Left/Right Navigation buttons to select the percentage brightness for the flat test pattern. Selecting a percentage immediately shows the flat pattern at that brightness. —or—
2. To disable the Flat Test Pattern, use the Left/Right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

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

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

To adjust the Input settings: Menu > Picture > Input Picture Settings Use the Navigation buttons to highlight the setting you wish to adjust.

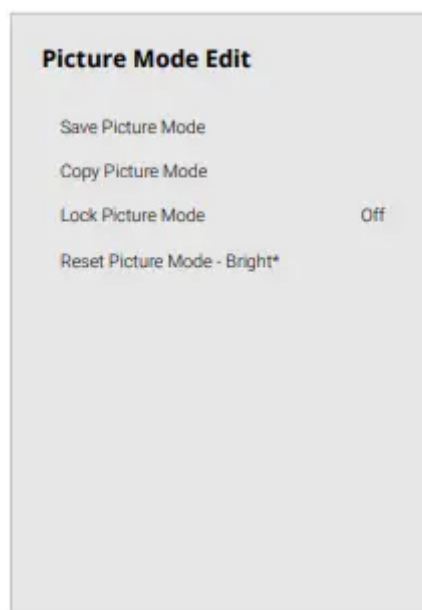
- Picture Size and Position\* — configure the display size and position of the picture to the screen.
- HDMI Mode\* — Expanded color display. Only available for an HDMI input.
- Full Color 4:4:4\* — Maintains full color data with 4:4:4 content. Some picture settings will not be available when this setting 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.

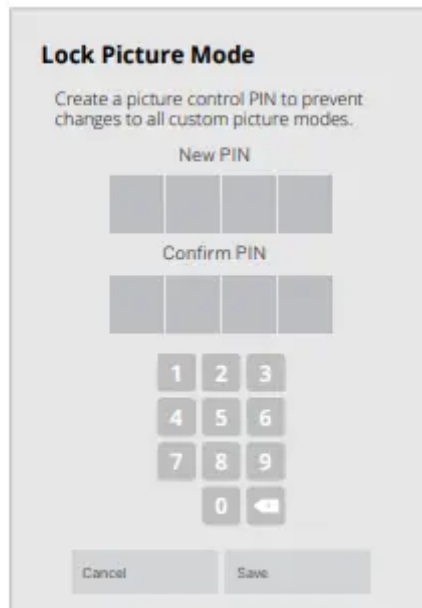


**Copy a Picture Mode:** Custom picture mode settings can be copied to be applied to other inputs.

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.

New PIN

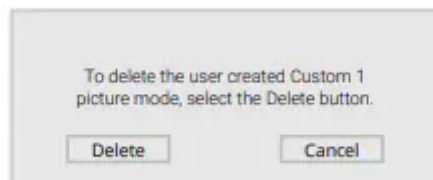
Confirm PIN

1 2 3  
4 5 6  
7 8 9  
0 ←

Cancel Save

## Deleting a Picture Mode

- Custom picture modes that are no longer needed can be deleted.
- To delete a custom picture mode: Menu > Picture > Picture Mode Edit > Delete Picture Mode > Delete



To delete the user created Custom 1 picture mode, select the Delete button.

Delete Cancel

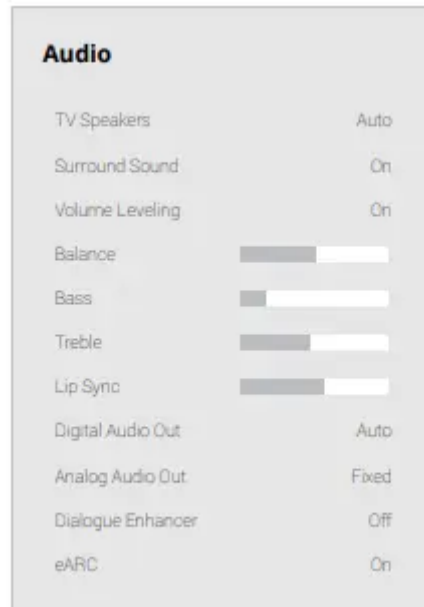
## Resetting a Picture Mode

- 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.

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

## SOUND BAR SETTINGS

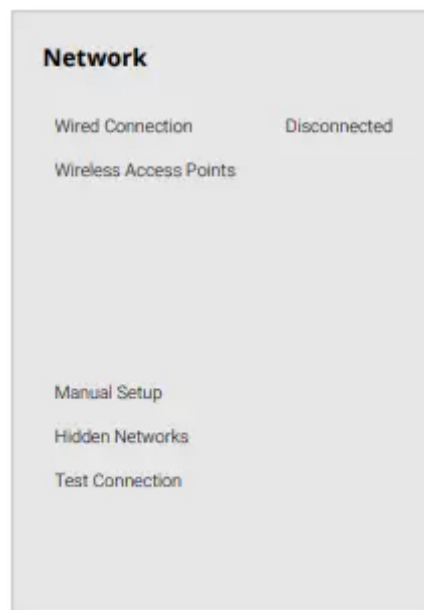
- If a VIZIO sound bar is detected and connected via CEC (HDMI ARC/eARC), sound bar settings will appear.
- To adjust the sound bar settings: Menu > Audio > Sound Bar Settings
- Use the Navigation buttons to highlight the setting you wish to adjust, then press Left/Right Navigation buttons to change the setting.

## ADJUSTING THE NETWORK SETTINGS

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

### Connecting to a Wireless Network

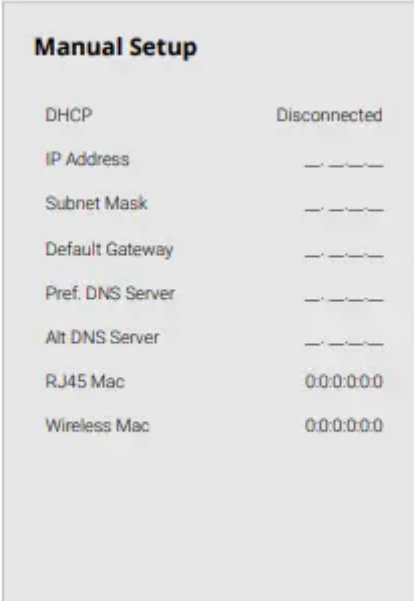
- To connect to a wireless network whose network name (SSID) is being broadcast: Menu > Network > Choose your network > Enter in the password > Connect



- 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

## 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.



The screenshot shows a 'Manual Setup' screen with the following settings:

Setting	Value
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 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.

## 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


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

## 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. —or—
- Select SmartCast from the list of inputs.

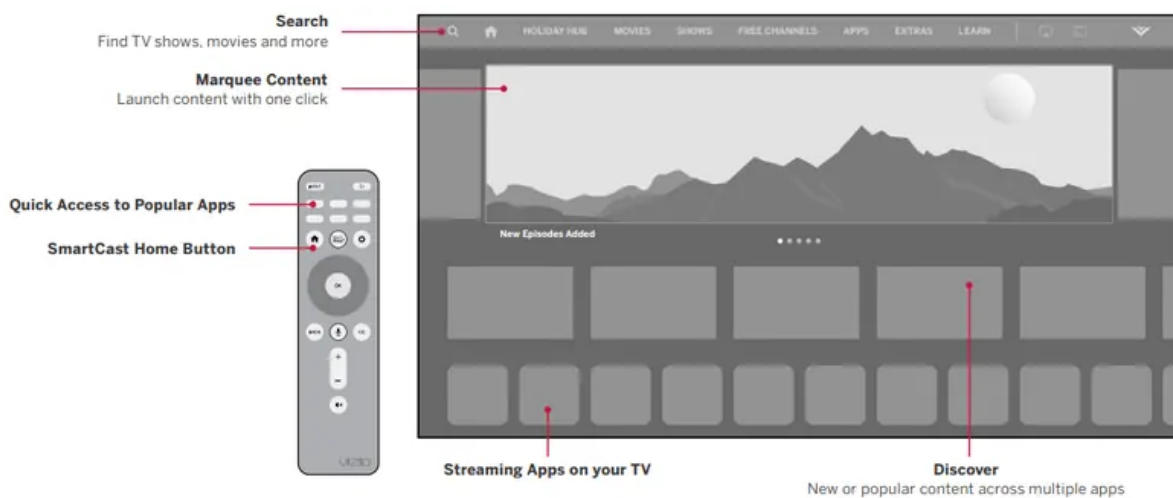
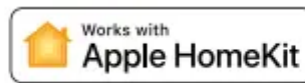
What you can do with SmartCast Home

- 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.
  - Control playback and TV settings using your voice.
  - 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.

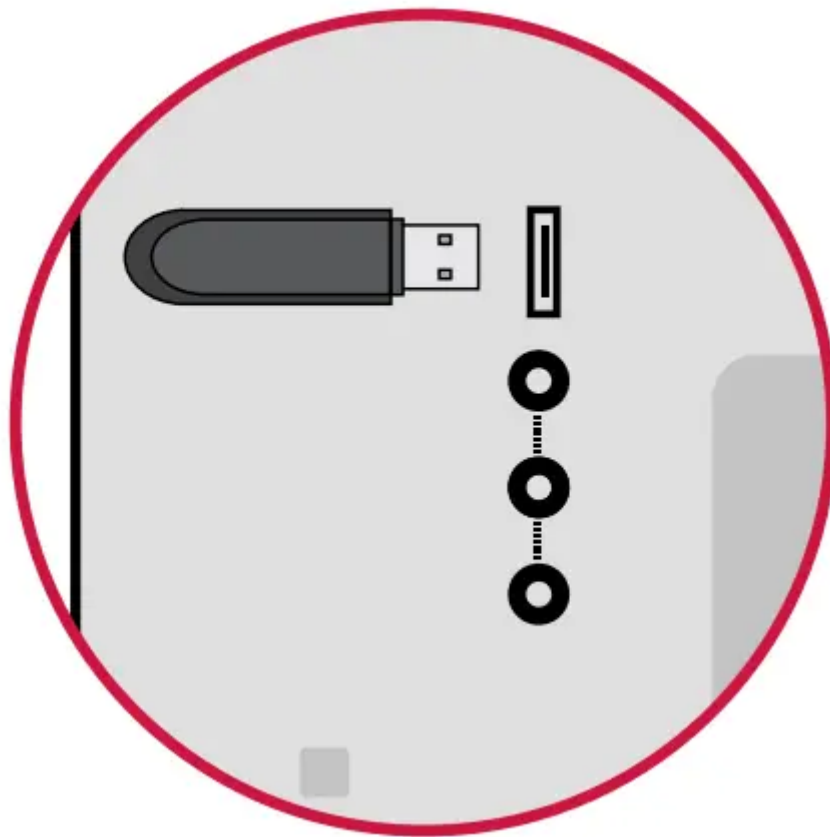
How to Launch WatchFree+: To launch and begin watching entertainment offered on WatchFree+:

-  Press the WatchFree+ button on your remote. —or—
- 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.



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

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.

## Playing USB Media: Music

**Back Button**  
Highlight this button and press **OK** to return to the previous screen.

**Now Playing Information**  
Displays song title, album title, and other information.

**Progress Bar**  
Displays the duration of the currently-playing song. The bar will lengthen as the song progresses.

**Album Art**  
If included on the USB thumb drive and associated with your music, the album art will display here.

**Connected Sources**  
Displays connected USB devices.

**Current Folder**  
My Music

**Playback Control**

**Toggle Music/Photos**  
Browse Photos

**Sort by Album/Artist/Track**  
Sort: Artist: A - Z  
View: Folders

**View All or View Folders**  
Toggle between viewing all content and only viewing folders.

**Page Information**  
If your USB thumb drive has more files than can be displayed on a single screen, the page number is displayed here.

**Folder Contents/Playlist**  
This area displays the contents of the currently selected folder. You can browse among files using the **Arrow** and **OK** buttons on the remote.

#	Track	Album	Artist	Duration
1	Starry Summer	Summer	JCheesy	2:42
2	Summer Nights	Summer	DJ Sunset	3:11
3	Mango Dream	Beach Mix	Ana Banana	8:46
4	Crystal Waters	Beach Mix	The Dash	4:21
5	Smooth Waves	Breezy Mix	Rio Steve	7:58

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## Playing USB Media: Video

**Back Button**  
Highlight this button and press **OK** to return to the previous screen.

**Connected Sources**  
Displays connected USB devices.

**Current Folder**  
My Videos

**Sort by Date or File Name**  
Sort: Date New-Old

**View All or View Folders**  
Toggle between viewing all content and only viewing folders.

**Play once or continuously**  
Play: Once

**Preview Window**

**Folder Contents/Playlist**  
This area displays the contents of the currently selected folder. You can browse among files using the **Arrow** and **OK** buttons on the remote.

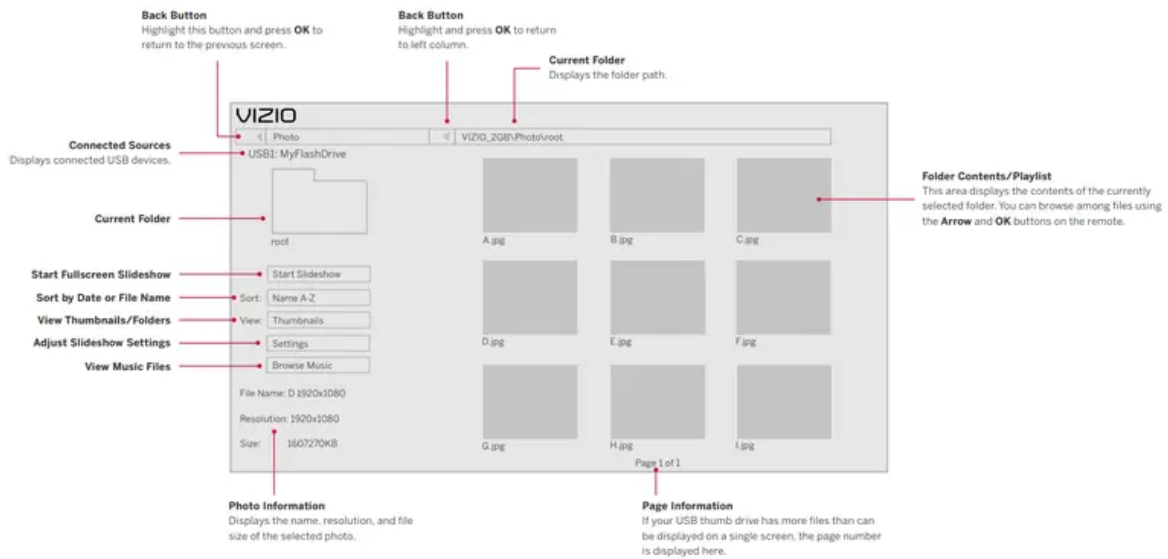
**Page Information**  
If your USB thumb drive has more files than can be displayed on a single screen, the page number is displayed here.

#	File	Date	Duration
1	Family Vacation - California	-	00:23:43
2	28th Birthday Party	-	00:38:18
3	Korea 2019	-	00:41:08
4	Sunny's Graduation	-	00:25:32

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## Playing USB Media: Photo



## Troubleshooting

### Help Topics

#### 1. The remote is not responding.

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

#### 2. 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](#).

#### 3. 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.

#### 4. 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.

5. The sound is flat or dialog is not audible.

- Turn off Volume Leveling. See Adjusting the Audio Settings

6. 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.

7. 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)

8. 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.

9. 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.

10. The picture is distorted.

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

11. 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.

12. 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.

13. 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.

14. 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.

15. 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

16. 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

17. 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.

18. 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.

19. 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.

20. How do I exit Demo Mode?

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

21. 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.

22. 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.

23. 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.

24. 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.

25. 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

	M43Q6-J04	M50Q6-J01	M55Q6-J01	M65Q6-J09
<b>Size</b>	43"	50"	55"	65"
<b>Viewable Area</b>	42.5"	49.5"	54.5"	64.5"
<b>PRODUCT DIMENSIONS</b>				
<b>Dimensions w/ Stand</b>	37.68" x 24.21" x 9.37" (957 x 655 x 237.9 mm)	43.81" x 27.89" x 10" (1112.8 x 708.3 x 254 mm)	48.35" x 30.48" x 10.9" (1228 x 774.1 x 277 mm)	56.84" x 35.38" x 11.8" (1443.8 x 898.7 x 299.8 mm)
<b>Dimensions w/o Stand</b>	37.68" x 21.85" x 2.63" (957 x 555 x 66.7 mm)	43.81" x 25.69" x 3.41" (1112.8 x 652.4 x 86.5 mm)	48.35" x 28.07" x 3.19" (1228 x 713.1 x 80.9 mm)	56.84" x 32.72" x 2.5" (1443.8 x 831.0 x 63.4 mm)
<b>Weight w/ Stand</b>	16.7 lb (7.6 kg)	25.79 lb (11.7 kg)	29.74 lb (13.49 kg)	42.33 lb (19.20 kg)
<b>Weight w/o Stand</b>	16.5 lb (7.5 kg)	25.46 lb (11.55 kg)	29.39 lb (13.33 kg)	41.23 lb (18.70 kg)
<b>Mounting Screw Size</b>	M4	M6 x 14 mm	M6 x 14 mm	M6
<b>Hole Pattern</b>	200 mm x 100 mm	200 mm x 200 mm	300 mm x 200 mm	400 mm x 200 mm
<b># of Screws (not included)</b>	4	4	4	4
<b>PICTURE QUALITY</b>				
<b>Maximum Resolution</b>	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
<b>LCD Backlight</b>	Full Array LED	Full Array LED	Full Array LED	Full Array LED
<b>Dynamic Motion Rate</b>	120	120	120	120
<b>INPUTS / OUTPUTS</b>				
<b>HDMI Inputs</b>	3	3	3	3
<b>Composite Video Inputs</b>	1	1	1	1
<b>Ethernet Input</b>	1	1	1	1
<b>RF Antenna Input</b>	1	1	1	1
<b>USB</b>	1	1	1	1
<b>Audio Output</b>	HDMI eARC, Analog Stereo Out, Digital Optical	HDMI eARC, Analog Stereo Out, Digital Optical	HDMI eARC, Analog Stereo Out, Digital Optical	HDMI eARC, Analog Stereo Out, Digital Optical
<b>OTHER</b>				
<b>Remote Control Type</b>	Voice Remote	Voice Remote	Voice Remote	Voice Remote
<b>Power Consumption</b>	116W	79.87W	99W	163W
<b>Standby Power</b>	<0.5W	<0.5W	<0.5W	<0.5W
<b>Voltage</b>	120V	120V	120V	120V
<b>OSD Language</b>	English, French, Spanish	English, French, Spanish	English, French, Spanish	English, French, Spanish
<b>Certification</b>	UL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio, Dolby Vision	UL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio, Dolby Vision	UL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio, Dolby Vision	UL, FCC Class B, IC, HDMI (CEC, ARC), Dolby Audio, Dolby Vision

### 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.

