

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 image 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** — Smooths out jagged lines or edges caused by content with low resolution.
- Local Contrast** — Adjust the contrast of the picture locally.
- Peak Luminance** — Peak Luminance boosts the bright highlights for the overall picture of the OLED TV.
- Motion Control:**
 - Judder Reduction:** Increases frame rate to reduce judder for film and 30 hertz video. As the setting increases, judder is reduced.
 - Motion Blue Reduction:** Increases frame rate to reduce motion blur of 60 hertz video. As the setting increases, motion blur is reduced.
 - Clear Action:** Reduces blur in scenes with fast action but limits the range for the Background setting.
- 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.
- ProGaming 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.
 - Variable Refresh Rate:** Adjusts the refresh rate of the screen based on the content.
 - Game HDR:** Optimizes picture quality for HDR game.
- Film Mode** — Optimizes the picture for watching films. Select **On** or **Off**.
- Gamma** — Set the shape of the Gamma curve. Use lower Gamma values for bright room conditions, and higher values when it's dark.
- Color Calibration** — Calibrate colors using HSB, gain, offset and 20 point white balance and test or reset colors to defaults.

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

To access the color tuner table:

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

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

To turn color channels off and on:

- Use the **Navigation** buttons on the remote to highlight **Red**, **Green**, or **Blue**.
- Press the **OK** button to turn the color channel off or on. An **X** appears over a color channel that has been turned off.
- 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.

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

- 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.
- 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	0	25	-14		
Saturation	-1	5	-4	0	0	-2	0		
Brightness	-24	0	-22	0	0	0	0		
Offset	0	0	0						
Gain	0	0	0						

To adjust the 20 Point White Balance settings:

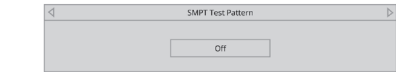
- From the Color Tuner table, use the **Navigation** buttons to highlight the top bar and then press the **Left/Right Navigation** buttons until the 20 POINT WHITE BALANCE menu is displayed.

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

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

To show or hide the SMPTE Test Pattern:

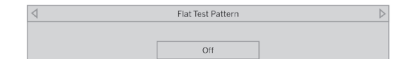
Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > SMPTE Test Pattern



- Use the **Navigation** buttons on the remote to highlight Off. Use the **Left/Right Navigation** buttons to select On to show the SMPTE Pattern.
- To hide the SMPTE Test Pattern, use the **Left/Right Navigation** buttons to select Off.

To show or hide the Flat Test Pattern:

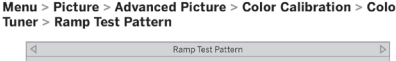
Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > Flat Test Pattern



- 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.

To show or hide the Ramp Test Pattern:

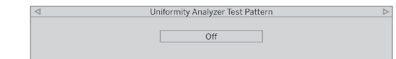
Menu > Picture > Advanced Picture > Color Calibration > Color Tuner > Ramp Test Pattern



- 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.
- 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



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

Adjusting Picture Input Settings

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

To adjust the input settings:

Menu > Picture > Input Settings

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

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

*Only available if there is an input source. Not available for WatchFree. Menu items will be grayed out if not available.

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.
- 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

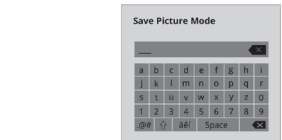
Custom picture modes allow you to save a group of custom settings for various viewing conditions and video sources.

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.

- Complete the desired changes for the selected picture mode.
- Select **Save Picture Mode** to save picture mode for all inputs.
- Select the input you want to copy your saved picture mode edits to.
- Change the picture mode to your custom saved mode. **Menu > Picture > Picture Mode > select saved custom picture mode**
- Copy your custom picture mode: **Menu > Picture > Picture Mode Edit > Copy Picture Mode**
- Select what picture mode you would like to copy over.
- 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.
- 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



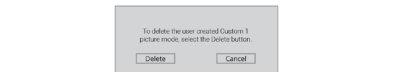
Deleting a Picture Mode

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. VirtualX™ adds virtualized height best for movies.
- Volume Leveling** — When set On, DTS TruVolume™ audio solution levels the speaker volume.
- Balance** — Balance the audio loudness between the left and right speakers.
- Lip Sync** — Synchronize the display image with the audio track.
- Digital Audio Out** — Select the digital audio output format for both the optical and HDMI ARC audio devices.

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

- Analog Audio Out** — Select Variable if you are controlling the volume with the remote. Select Fixed if an external audio device (sound bar or AV receiver) will control the volume.
- Dialogue Enhancer** — If enabled and the signal source includes Dolby 5.1 AC-4 audio then clarity of dialogue is enhanced.
- eARC** — Toggle between ARC (Off) and eARC (On) for audio output using HDMI 1. If On, audio is sent using eARC and is uncompressed. If Off, audio is sent using ARC and some audio formats may play in standard Dolby Audio, DTS Digital Surround, or PCM.

TIP: Your connected sound bar or audio receiver must support eARC in order to receive uncompressed audio.

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

ADJUSTING THE NETWORK SETTINGS

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

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

Connecting to a Wireless Network

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

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

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

If you do not see your wireless network 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.

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

- 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.
- 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 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



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.

To remove a channel:

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

Changing the Analog Audio Language

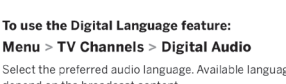
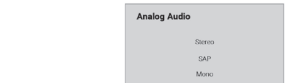
Some analog over-the-air (free) and cable channels broadcast programs in more than one language. The TV's Analog Audio feature allows you to listen to audio in an alternate language using Secondary Audio Programming (SAP).

To use the Analog Audio feature:

Menu > TV Channels > Analog Audio

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

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



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.

TIP: Other devices have their own parental control settings.

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:

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

ACCESSIBILITY SETTINGS

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

To access the Accessibility menu:

Menu > Accessibility

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

TIP: You can also enable/disable accessibility features using the included remote. See *Using the Remote* on page 5.

To access the Video Description menu:

Menu > Accessibility > Video Description > Off/On

Setting Up Closed Captioning

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

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

To activate or deactivate Close Captions for current content:

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**.

TIP: The current input you are on will be the input name you are changing. You cannot change every input (i.e. WatchFree or SmartCast inputs).

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**.

OLED Panel

Adjust screen protection settings that prevent screen burn in.

To set the OLED Panel features:

Menu > System > OLED Panel

The two options for this feature are:

- Screen Refresher** — Corrects picture dimness that may result after the TV has been powered on for an extended period of time.
- Pixel Shift** — Shifts the screen slightly to prevent screen burn.

TIP: This OLED TV has a built-in **Screen Protection Mode** to prevent image sticking. If the same image is on the screen for one minute the screen will dim. If more than 10 minutes, the screen will turn off, but the Power Indicator light will still be on. Press any button on the remote to go back to the normal screen. The TV will power down if left in Screen Protection Mode for another 60 minutes.

Using the USB Power Feature

The USB port can be used to charge devices.

To set the USB Power feature:

Menu > System > USB Power

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

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

WARNING: You will need to enter your current PIN code the next time you access this menu or if you'd like to change your PIN.

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

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**.

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:

- View system information
- Check for system updates
- Force the system to power off and on
- Reset the TV to factory settings
- Enable or disable store demo
- Enable or disable viewing data
- Personalize advertising choices
- View the VIZIO Privacy Policy
- Start or stop the store demo mode

Viewing System Information

To view technical data and status information about your TV and network connection:

Menu > Admin & Privacy > System Information

Checking for System Updates

To check for a system update:

Menu > Admin & Privacy > Check for Updates

If an update is found, the TV will ask to confirm the update. If no update is found, the screen will note *The TV is up-to-date*.

Performing a Soft Power Cycle

A soft power cycle forces the TV to turn off then on again.

Menu > Admin & Privacy > Soft Power Cycle > OK

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

- If you set a system PIN code, enter it now.
- The TV displays, "Select Reset to restore all TV settings to factory defaults."
- Highlight **Reset** and press **OK**.
- Wait for the TV to turn off. The TV will turn back on shortly afterward and the setup process will begin.

Store Demo

To set to Off, Demo 1, or Demo 2:

Menu > Admin & Privacy > Store Demo

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

About Viewing Data

WHAT DATA DOES ACR TECHNOLOGY COLLECT?

When enabled, ACR technology will collect information about the audio and video programming content playing on this internet-connected display unit including broadcast television, advertisements and other commercially available content. We associate this Viewing Data with the IP address for the unit, and a unique device number we assign. You may change your Viewing Data settings at any time within the Settings Menu of your TV. Declining Viewing Data collection will not change the functionality of your device.

WHO DO WE SHARE VIEWING DATA WITH?

When enabled, we share Viewing Data with authorized data partners. We license Viewing Data to analytics companies, media companies, advertisers, ad agencies, and other ad tech companies who measure ad effectiveness or aid personalization of ads. Our authorized cloud service providers may also store this data on and solely on our behalf, and for no other purposes.

WHAT DO WE DO WITH VIEWING DATA?

VIZIO or its authorized data partners may combine Viewing Data with household demographic data, or other data about your digital actions, like smartphone location, web histories or offline purchases, in order to determine the effectiveness of a particular ad, or choose which ads are likely to be useful or timely, including during broadcast, cable, satellite, or internet based television programming. VIZIO and its authorized data partners also use the information to generate summary analysis and reports of how users engage with content on their TVs and other devices.

WHAT ELSE DOES VIEWING DATA SHARING MEAN FOR YOU?

Viewing Data is also used to help content publishers, broadcasters or content distribution services create or recommend more relevant entertainment based on summary insights. For example, if devices sharing your IP address suggest an interest in music, fitness, or sports related topics, advertisers might deliver tailored ads to this display unit or other devices associated with your IP address.

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

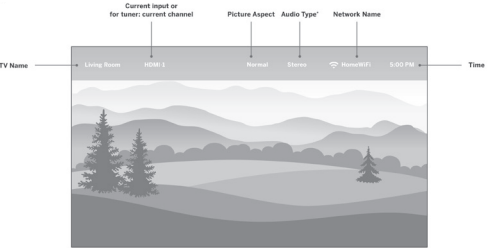
To view VIZIO Privacy Policy:

Menu > Admin & Privacy > VIZIO Privacy Policy > OK

USING THE INFO WINDOW

Press the **INFO** button to display:

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



SmartCast Home™ 4

What is SmartCast Home?

SmartCast Home lets you discover, stream, and control your content like never before! Access top apps, like Netflix, Hulu, and Amazon Prime Video, 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

Begin streaming with SmartCast Home by:

- 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.
- Unlock your photos and videos by mirroring your laptop or mobile device onto your TV.
- Rearrange apps on your home screen just the way you like it.
- Works with Google Assistant and other popular voice assistants.

Control your TV with the SmartCast Mobile™ App

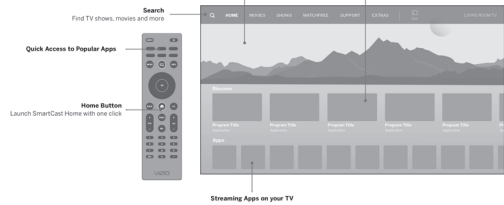
Download the VIZIO SmartCast Mobile app and turn your smartphone into a remote to control and configure your TV.

Get it here, or visit www.vizio.com/smartcastapp on your device to download:



With SmartCast Mobile, you can:

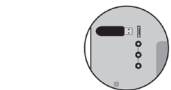
- Power on/off devices, play/pause content, and modify advanced settings, all from the palm of your hand.
- Easily enter text onto your TV/display from your mobile device using a full keyboard.
- Browse and discover movies, TV shows, music, live streams, and more, across multiple apps at once.
- Access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



Playing USB Media 4

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

(Playing USB Media not included)



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:

- Connect your USB flash drive to the USB port on the side of the TV.
- The TV will recognize the USB. Use the **Navigation** Keys on the remote to select the content you want to play.
- 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**.

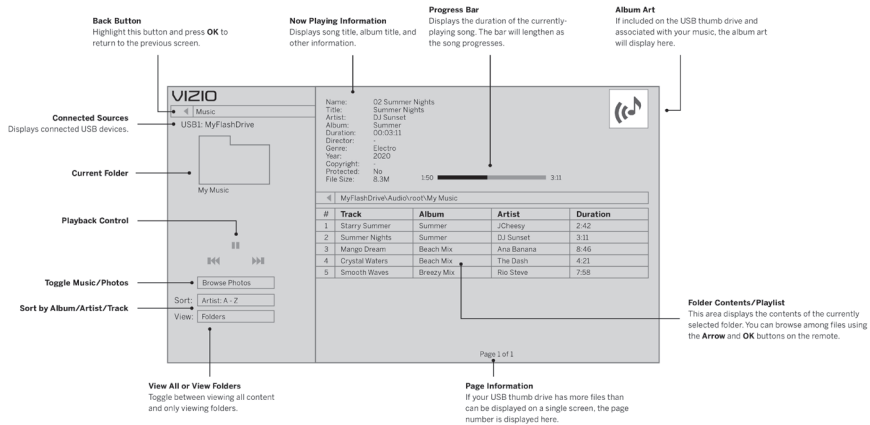
Removing the USB Drive from the TV

To safely remove your USB flash drive from the TV:

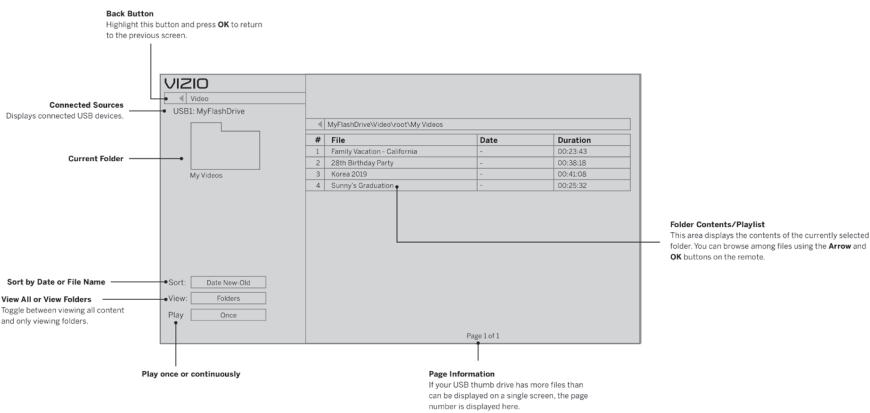
- Turn the **TV off**.
- Disconnect your USB flash drive from the USB port on the side of the TV.

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

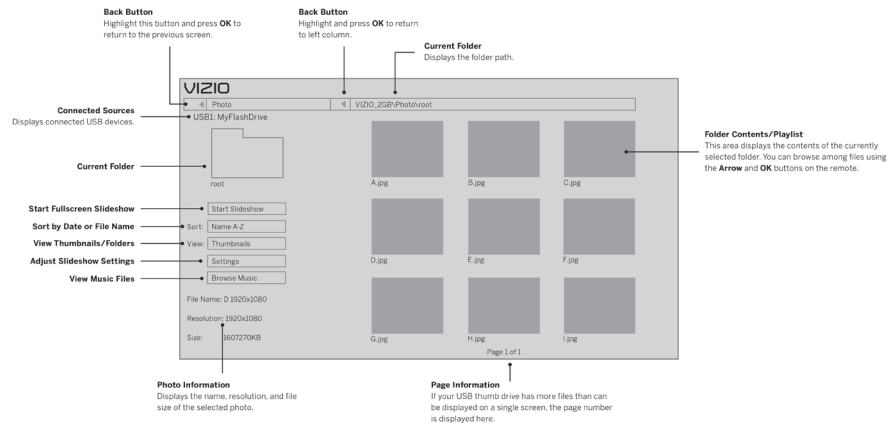
Playing USB Media: Music



Playing USB Media: Video



Playing USB Media: Photo



Help Topics A

The remote is not responding.

- Make sure the batteries are properly inserted matching the - and + symbols.
- Replace the batteries with fresh ones. **(Batteries not included).**

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

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.
- Press any button on your remote to wake up if TV is in "Screen Protection Mode."
- Adjust Brightness, Contrast, or Backlight.
- Press the **INPUT** button on the remote to select a different input source.

- Check to see if the LED Power Light is blinking. If it is, contact a Service Center.**

The sound is flat or dialog is not audible.

- Turn off Volume Leveling.

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

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

The colors on the TV don't look right.

- Adjust the Color and Tint settings in the Picture menu.
- 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.**(Batteries not included).**

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.
- 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 up-converting 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.

How do I download the VIZIO SmartCast Mobile™ App?

- Make sure your phone or tablet is connected to a Wi-Fi network. Open a browser on your phone or tablet.
- Navigate to vizio.com/smartcastapp and follow the on-screen instructions to download the VIZIO SmartCast Mobile™ App.

How do I change the Inputs?

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

How do I connect to my Wi-Fi network?

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

How do I exit Demo Mode?

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

How do I watch Cable/Antenna TV channels?

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

Some of my Channels are missing.

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

How do I disable/enable Viewing Data?

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

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

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

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

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

SpecificationsB		
	OLED55-H1	OLED65-H1
Size	55"	65"
Viewable Area	54.5"	64.5"
PRODUCT DIMENSIONS		
Dimensions w/ Stand	48.34" x 30.63" x 11.29" (1227.8 x 778.1 x 286.7 mm)	57.03" x 35.52" x 11.29" (1448.68 x 902.22 x 286.7 mm)
Dimensions w/o Stand	48.34" x 27.64" x 2.17" (1227.8 x 702.1 x 55 mm)	57.03" x 32.69" x 2.17" (1448.68 x 830.42 x 55 mm)
Weight w/ Stand	53.31 lb (24.18 kg)	70.99 lb (32.3 kg)
Weight w/o Stand	44.93 lb (20.38 kg)	60.85 lb (27.6 kg)
Mounting Screw Size	M6	M6
Hole Pattern	300 mm x 200 mm	300 mm x 200 mm
PICTURE QUALITY		
Maximum Resolution	3840x2160 (UHD)	3840x2160 (UHD)
Display Technology	OLED	OLED
Refresh Rate	120Hz	120Hz
INPUTS / OUTPUTS		
HDMI Inputs	4	4
Composite Video Inputs	1	1
Ethernet Input	1	1
RF Antenna Input	1	1
USB	1	1
Audio Output	HDMI eARC, Analog Stereo Out, Digital Optical	HDMI eARC, Analog Stereo Out, Digital Optical
OTHER		
Remote Control Model	IR Remote	IR Remote
Power Consumption	122.02 W	168.81 W
Standby Power	<0.5W	<0.5W
Voltage	120V	120V
OSD Language	English, French, Spanish	English, French, Spanish
Certification	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio, Dolby Vision	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio, Dolby Vision

REFURBISHED PRODUCT LIMITED THIRTY DAY WARRANTY

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of THIRTY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the **Refurbished Product Service Center** will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered, or tampered with.

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

Refurbished Product Service Center
9043 Siempre Viva Rd Suite 110/120, San Diego CA, 92154

If you need service on your unit during the 30 day warranty period; please go to www.ConsumerServiceRefurbish.com or call the Refurbished Product Service Center at 562-946-3531 to obtain the required claim number. Once you obtain your claim number, pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt. Send the unit freight prepaid and insured to:

Refurbished Product Service Center,
Att: Customer Service Department 9043 Siempre Viva Rd Suite 110/120, San Diego CA, 92154
Your unit will be promptly exchanged and returned to you.

We will refuse to accept delivery of the returned unit unless the assigned claim number appears on the outside of the shipping carton.

Owner's Information
(Keep for your permanent records)

NAME: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP CODE: _____
PHONE: _____ E-MAIL: _____
MODEL: _____ SERIAL NO.: _____

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OBPN: N/A / SHDML: OLED65H1

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