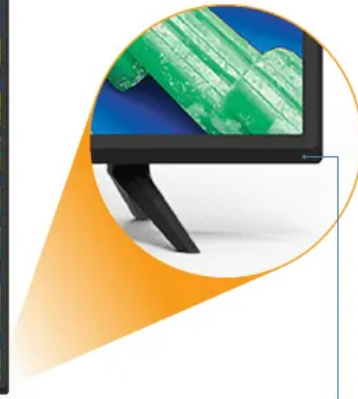


Getting to Know Your TV

FRONT PANEL

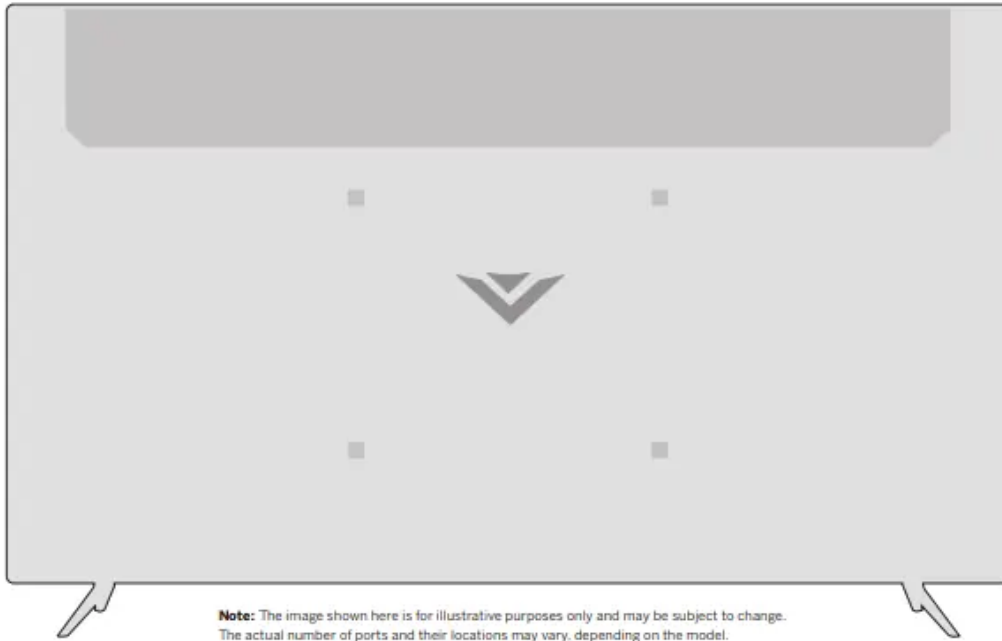


Remote Sensor and Power Indicator
When using the remote, aim it directly at this sensor.
The power indicator flashes on when the TV turns on, then goes out after several seconds.
To keep the power indicator on, see **Turning the Power Indicator On or Off** on page 23.

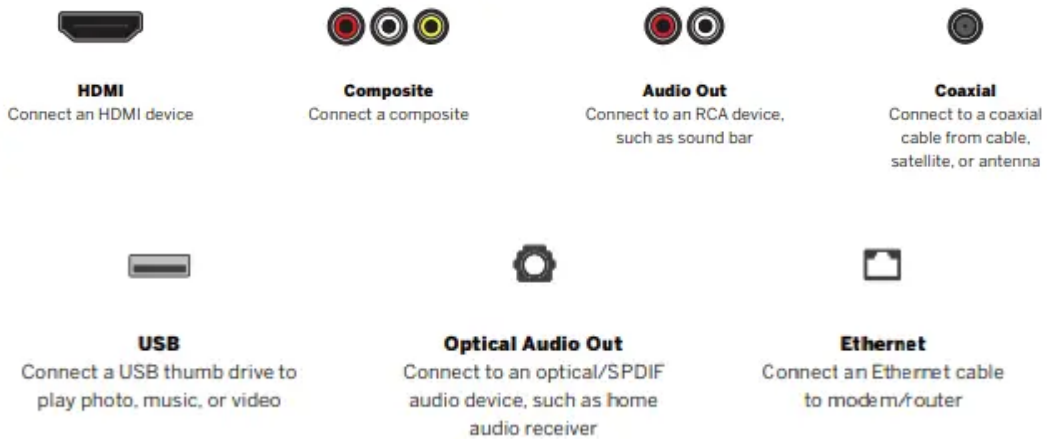
REAR PANEL

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



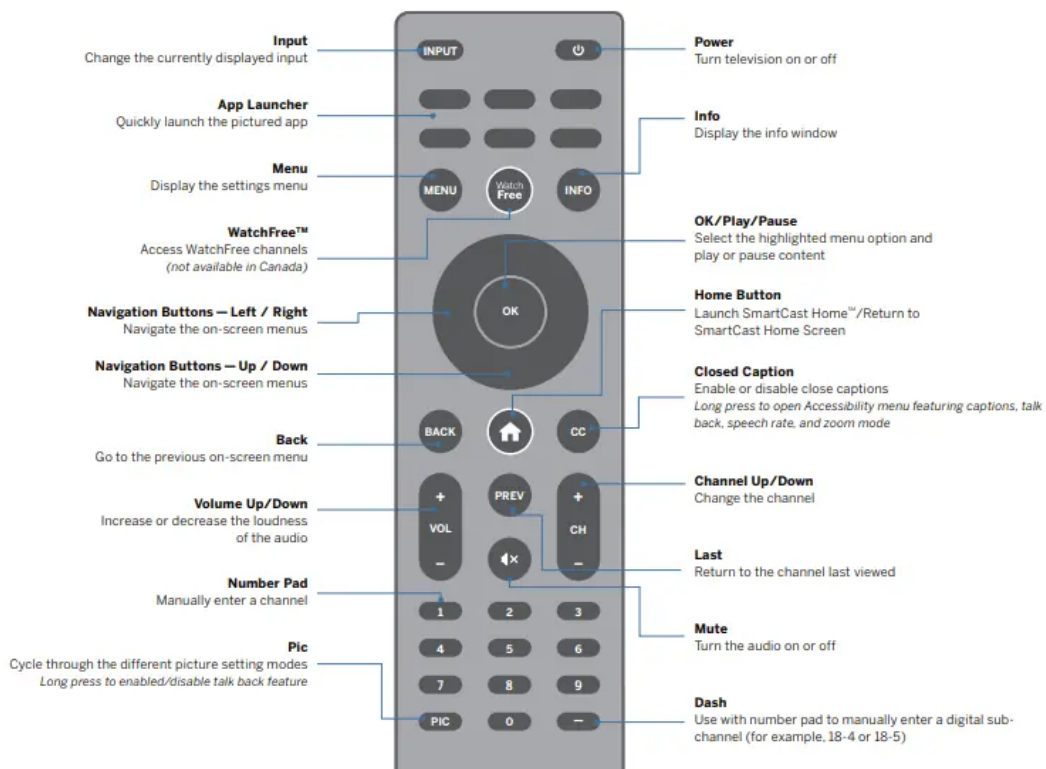


Note: The image shown here is for illustrative purposes only and may be subject to change. The actual number of ports and their locations may vary, depending on the model.



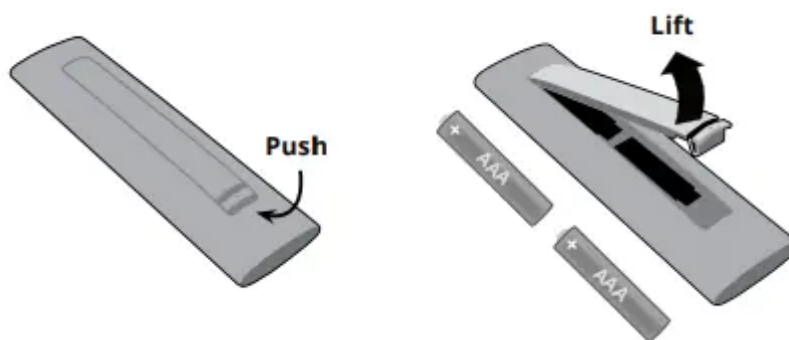
USING THE REMOTE





Replacing the Batteries

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



In many places batteries cannot be thrown away or discarded with household waste. Please ensure you properly dispose of your batteries consistent with the laws and/or regulations where you live.

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

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



Completing the First-Time Setup

Before you begin the first-time setup:

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

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

1. Choose your language. Pressing the CC button will enable TTS (text-to-speech) functionality.
2. Choose home use
3. Choose your country.
4. Choose your Wi-Fi network and enter the password.
5. Name your TV
6. Scan for channels.
7. Accept the Terms & Conditions.
8. View and accept VIZIO Viewing Data Policy.

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.

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 on page 22.

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 — Sets the picture settings to values ideal for watching TV in a brightly-lit room.
 - Calibrated — Sets the picture settings to the default settings.
 - Calibrated Dark — Sets the picture settings to values ideal for watching TV in a dark room.

- Game — Reduces throughput delays and optimizes the picture settings for displaying game console output. Also the preferred picture mode for computer mode.
- Sports — Sets the picture settings to values ideal for watching sport events with motion control setting.

TIP: If you save changes to the setting for a picture mode, an asterick will appear after its name. See Saving a Custom Picture Mode on page 12.

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

- Backlight (SDR content) 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 > Picture Aspect

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

Your TV can display images in different modes: Normal, Panoramic, Wide, Zoom, and Stretch.

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

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

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

Adjusting Advanced Picture Settings

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

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

- Black Detail — Adjusts the average brightness of the picture to compensate for large areas of brightness.
- 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.
- 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.
- Film Mode — Optimizes the picture for watching films. Select On or Off.

- Gamma — Set the shape of the Gamma curve. Use lower Gamma values for bright room conditions, and higher values when it's dark.
- Color Calibration — Calibrate colors using HSB, gain, offset and 20 point white balance and test or reset colors to defaults.

Adjusting the Color Tuner Settings

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

To access the color tuner table: Menu > Picture > Advanced Picture > Color Calibration > Color Tuner

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

To turn color channels off and on:

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

TIP: Any changes made affect the color temperature setting. Select the preferred color temperature setting first. See Adjusting the Color Temperature on page 8.

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

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

To adjust the 20 Point White Balance settings:

3. From the Color Tuner table, use the Navigation buttons to highlight the top bar and then press the Left/Right Navigation buttons until the 20 POINT WHITE BALANCE menu is displayed.
4. Use the Navigation buttons on the remote to highlight the Gain and Color values you wish to adjust. Press the OK button and use the Left/Right Navigation buttons to adjust the value. When you are finished, press the OK button to save the setting.

To show or hide the SMPTE Test Pattern:

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

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

—or—

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

To show or hide the Flat Test Pattern:

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

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

—or—

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

To show or hide the Ramp Test Pattern:

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

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

—or—

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

To show or hide the Uniformity Analyzer Test Pattern:

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

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

—or—

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

ADJUSTING THE AUDIO SETTINGS

To adjust the audio settings: Menu > Audio

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

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

- Volume Leveling — When set On, DTS TruVolume™ audio solution levels the speaker volume.
- Balance — Balance the audio loudness between the left and right speakers.
- Lip Sync — Synchronize the display image with the audio track.
- Digital Audio Out — Select the digital audio output format for both the optical and HDMI ARC audio devices.
- To hear talk back when Talk Back function is enabled, digital audio out must be set to PCM.

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

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

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

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

ADJUSTING THE NETWORK SETTINGS

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

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

Connecting to a Wireless Network

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

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

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

If you do not see your wireless network displayed, click on: More Access Points > Highlight your wireless network > Enter in the password > Connect

To change advanced network settings:

Menu > Network > Manual Setup > DHCP > Of

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

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

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

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

SETTING UP TV CHANNELS

Using Parental Controls

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

Accessing the Parental Controls Menu

To access the Parental Controls menu you must first set up a system PIN:

Menu > TV Channels > Parental Controls > Enter in PIN

TIP: to set a custom PIN code, see Setting a System PIN Code on page 24.

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:

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

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

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

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

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

ACCESSIBILITY SETTINGS

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

To access the Accessibility menu:

Menu > Accessibility

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

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

Menu > Accessibility > Captions > Closed Captions > Off/On

— or —

Push the CC button on the remote .

1. Use the Navigation buttons on the remote to highlight either Analog or Digital Closed Captions.
2. Use the Left/Right Navigation buttons on the remote to select the caption channel you wish to display

TIP: The Closed Captions menu does not appear when an HDMI input is selected. Close captions are available when using the tuner or a composite video cable.

CHANGING THE SYSTEM SETTINGS

Using the System menu, you can:

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

Changing the On-Screen Menu Language

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

To change the on-screen menu language:

Menu > System > Menu Language

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

Setting the Time

To ensure the correct time is displayed when you press the INFO button, set the TV's time zone:

Menu > System > Time > Time Zone

To turn Daylight Saving Time on or off:

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

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

To change Time Format:

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

Changing the TV Name

Naming your TV helps differentiate it from other cast devices you may have in your home.

To edit your TV name:

Menu > System > TV Name > Enter a Name

Using the USB Power Feature

The USB port can be used to charge devices.

The two options for this feature are:

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

Turning the Power Indicator On or Off

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

To turn the Power Indicator Light On or Off:

Menu > System > Power Indicator > Off/On

Setting Timers

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

To setup a sleep timer:

Menu > System > Timers > Sleep Timer

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

Setting the Auto Power Off Feature

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

To set the Auto Power Off feature:

Menu > System > Timers > Auto Power Off > Off

Using the Blank Screen Feature

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

To use the Blank Screen feature:

Menu > System > Timers > Blank Screen

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

Setting a System PIN Code

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

To create a PIN:

Menu > System > System PIN Code > Enter Your PIN > Save

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
- Volume and mute
- Play and pause

WARNING: Not all HDMI devices support CEC. See your device's user manual for details.

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

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

SmartCast Home™

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.

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 over 100 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 over 100 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 1000's of free movies from major studios.
- 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.

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 HomeSM page.

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

Removing the USB Drive from the TV

To safely remove your USB flash drive from the TV:

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

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

Playing USB Media: Music

Playing USB Media: Video

Playing USB Media: Photo

Help Topics

The remote is not responding .

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

The TV displays “No Signal .”

- Press INPUT button on the remote control to select a different input source.
- If you are using cable TV or antenna connected directly to the TV, scan for channels. See Scanning for TV Channels on page 16.

There is no power .

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

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

- Ensure all cables are securely attached to the TV.
- Ensure all devices are connected correctly. Devices differ; see your device’s user manual for details.
- Adjust Brightness, Contrast, or Backlight. See Adjusting the Picture Settings on page 8.
- Press the INPUT button on the remote to select a different input source.

The sound is flat or dialog is not audible .

- Turn off Volume Leveling. See Adjusting the Audio Settings on page 14.

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.

The colors on the TV don't look right .

- Adjust the Color and Tint settings in the Picture menu. See Adjusting the Picture Settings on page 8.
- Select a pre-set picture mode. VIZIO recommends selecting Calibrated.
- Check all cables to ensure they are securely attached.

The image quality is not good .

- For the best image quality, view high-definition programs using digital sources. Connect your devices with HDMI cables.
- If you are using an antenna, the signal strength of the channel may be low. Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

The picture is distorted .

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

The TV image does not cover the entire screen .

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

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

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

The buttons on the remote aren't working .

- Ensure you are only pressing one button at a time.
- Point the remote directly at the TV when pressing a button.
- Replace the remote batteries with new ones. See Replacing the Batteries on page 5.

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 on page 14.
- Check the audio connections of external devices (Blu-ray player, game console, cable/satellite box) that are connected to the TV.
- If you are using an antenna, the signal strength of the channel may be low. Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.
- Set eARC to Off and use ARC mode.

I see “noise” or static on the screen .

- When your TV's digital capabilities exceed a digital broadcast signal, the signal is up-converted (improved) to match your TV's display capabilities. This upconverting can sometimes cause irregularities in the image.
- If you are using an antenna, the signal strength of the channel may be low. Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

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

- The TV remembers the viewing mode on each input source. If the viewing mode on the new input source differs from the one on the input source you switch from, the difference may be noticeable.
- See Changing the Picture Aspect Ratio on page 9.

How do I download the VIZIO SmartCast Mobile™ App?

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

How do I change the Inputs?

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

How do I connect to my Wi-Fi network?

- On your TV remote, press the MENU button then go to Network > Select your Wi-Fi name > Enter password.
- Open the VIZIO SmartCast Mobile app on your phone or tablet. Tap on the Menu Tab > SmartCast Devices > Your TV/Device Name > Network

- Tap on the Settings icon > Network > Wireless Access Points. Select your Wi-Fi network from the list, enter the Wi-Fi password, and tap Connect.

How do I exit Demo Mode?

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

How do I watch Cable/Antenna TV channels?

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

Some of my Channels are missing .

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

How do I disable/enable Viewing Data?

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

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

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

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

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

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.