

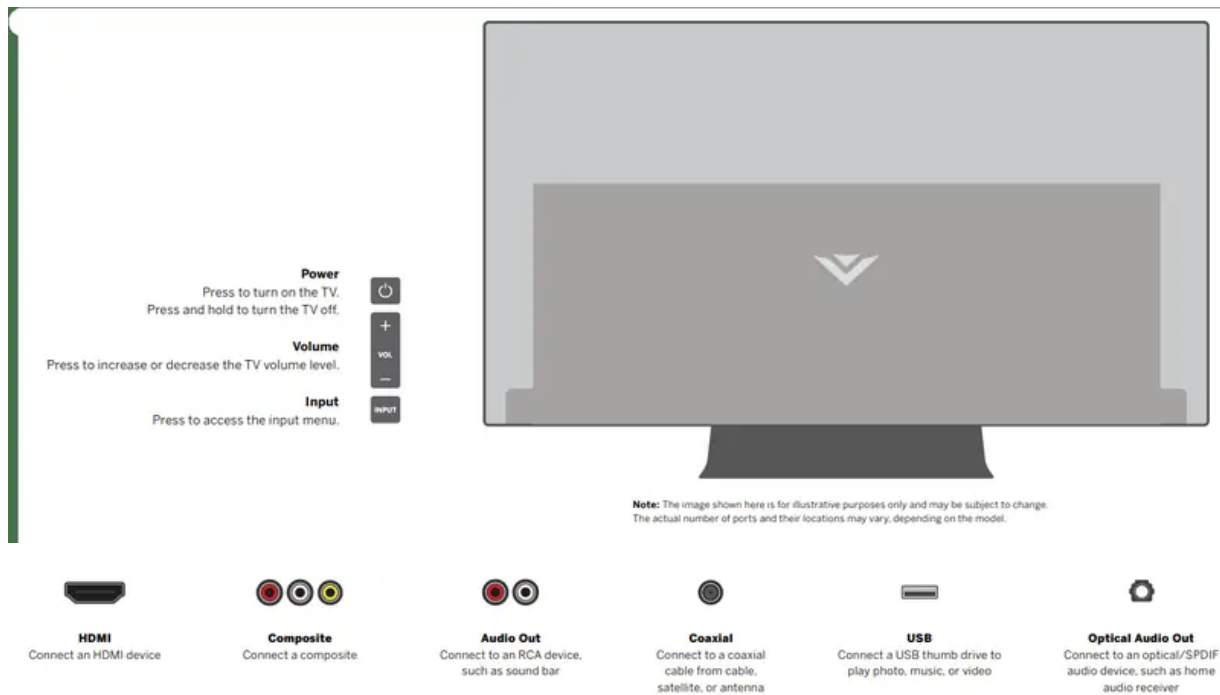
Getting to Know Your TV

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



Connecting a device — AUDIO & VIDEO CABLE TYPES



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

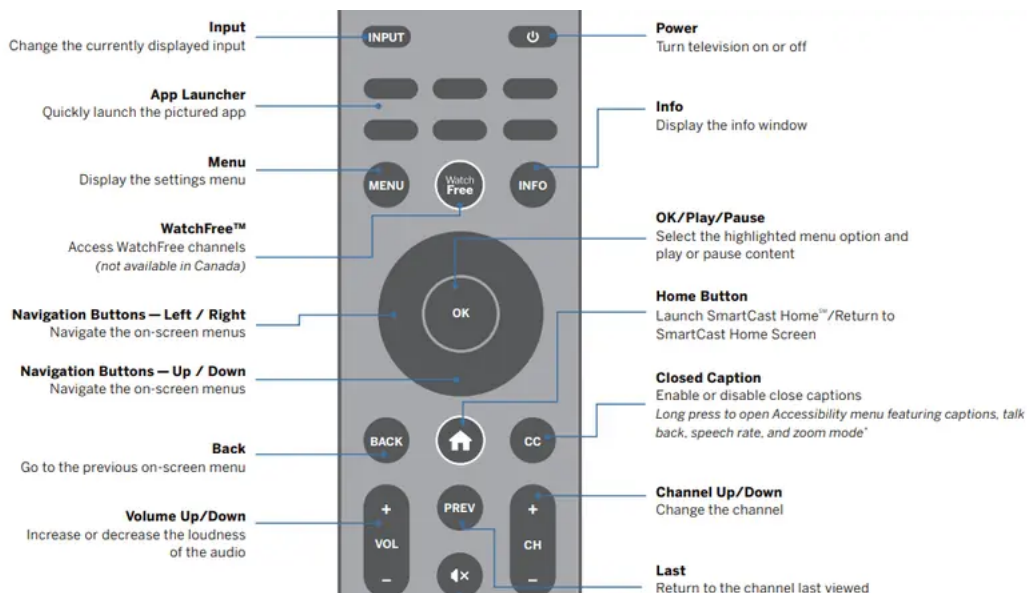
1. Verify that your device has a video port that matches an available port on the TV (HDMI, Composite, etc.).
2. Connect the appropriate cable (not included) to the TV and the device.
3. Turn the TV and your device on.
4. Set the TV's input to match the connection you used (HDMI-1, HDMI-2, etc.).

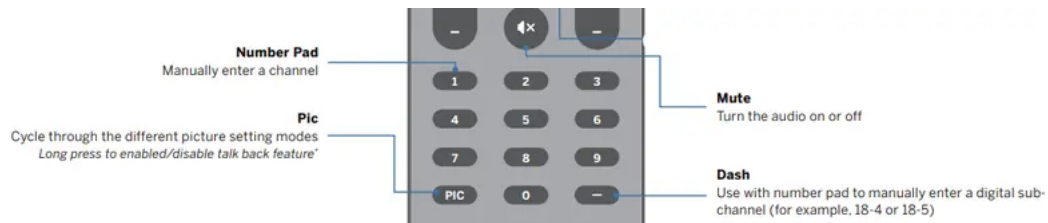
Connecting a device — AUDIO CABLE TYPES

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

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

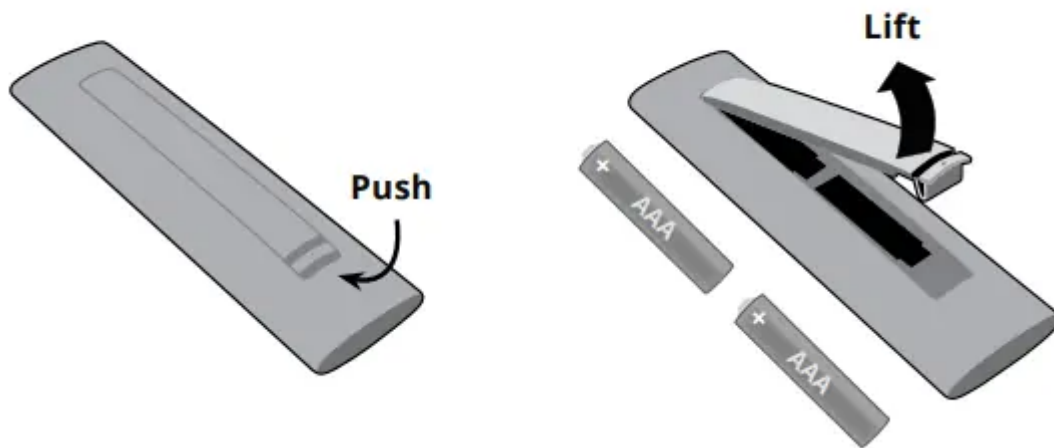
USING THE REMOTE





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.



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:

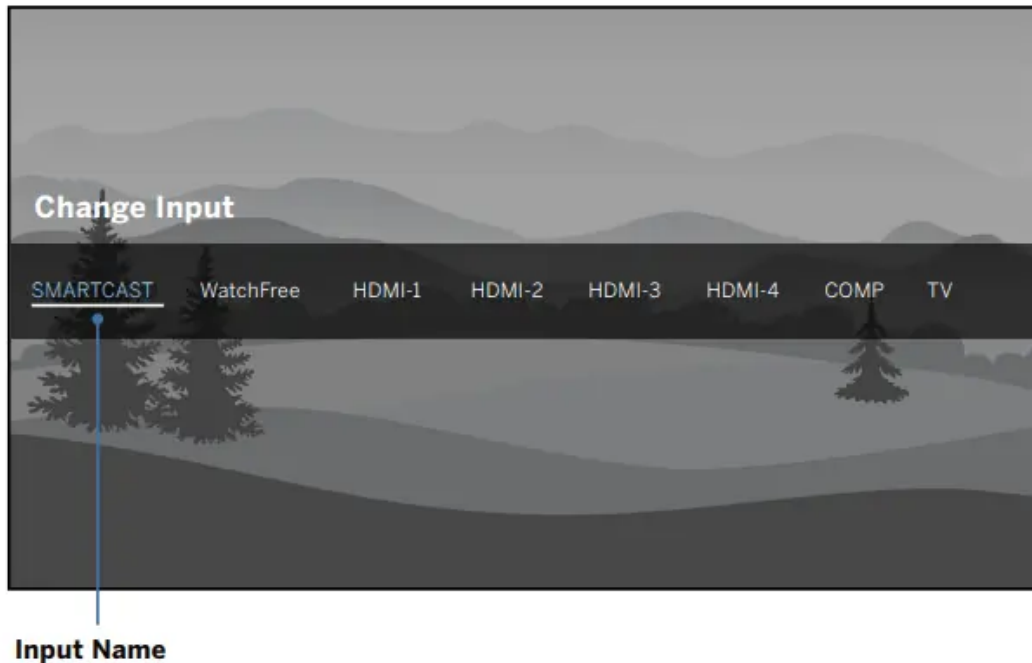
1. Press the MENU button on the remote.
2. Use the Navigation buttons to highlight a menu option, and press the OK button to select that option.

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.

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.

Luminance — Adjusts the Luminance of standard content without affecting black level.

• Brightness — Adjusts the black level of the picture. When this setting is too low, the picture may be too dark to distinguish details. When this setting is too high, the picture may appear faded or washed out.

• Contrast — Adjusts the white level of the picture. When this setting is too low, the picture may appear dark. When this setting is too high, the picture may appear faded or washed out. If the setting is too high or too low, detail may be difficult to distinguish in dark or bright areas of the picture.

• Color — Adjusts the intensity of the picture colors.

• Tint — Adjusts the hue of the picture. This setting is useful in adjusting the flesh tones in the picture. If flesh appears too orange, reduce the level of color before adjusting tint.

• Sharpness — Adjusts the edge sharpness of picture elements. It can be used to sharpen non-HD (high definition) content; however, it will not produce detail that does not otherwise exist.

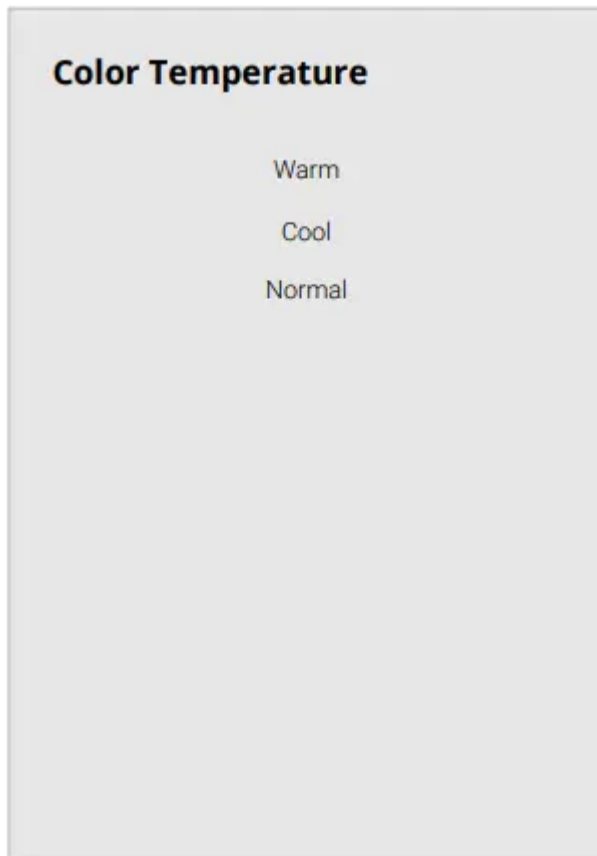
Adjusting the Color Temperature

Adjusting the color temperature changes the white balance of the picture.

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

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

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



Changing the Picture Aspect Ratio

To change the screen aspect ratio:

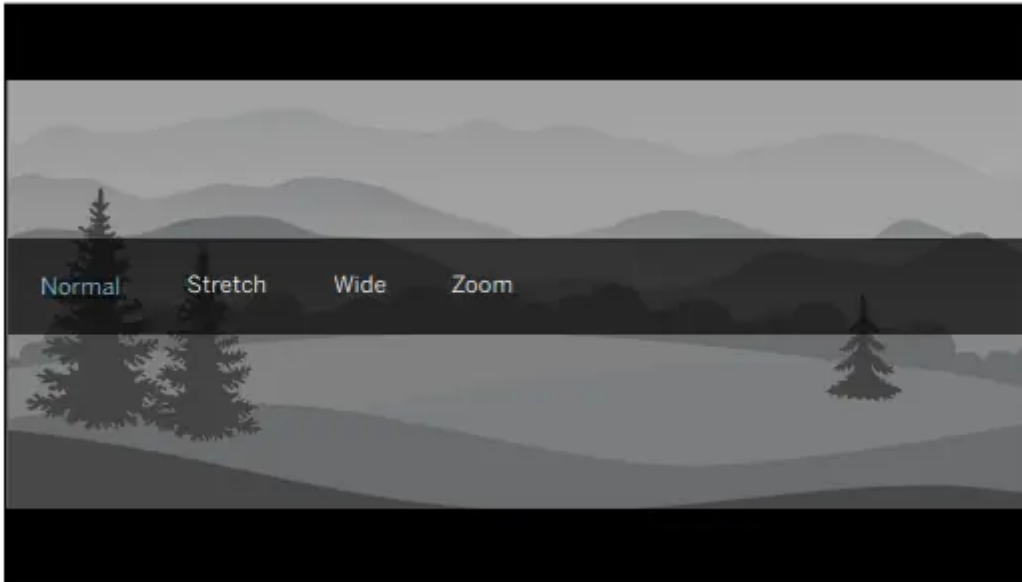
Menu > Picture > Picture Aspect

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

Your TV can display images in different modes:

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

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



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 — 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 Backlight 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

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.

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.
- Press any button on your remote to wake up if TV is in "Screen Protection Mode." For more information, see Screen Protection Mode on page 23.
- 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.
- Check to see if the LED Power Light is blinking . If it is, contact VIZIO Customer Support by visiting the Contact Us page on support.vizio .

The sound is flat or dialog is not audible .

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

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

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

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

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

The colors on the TV don’t look right .

- Adjust the Color and Tint settings in the Picture menu. See Adjusting the Picture Settings 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 website /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.