

# TELEVISION ANTENNA CONNECTION PROTECTION

If an outside antenna/satellite dish or cable system is to be connected to the TV, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and static charges.

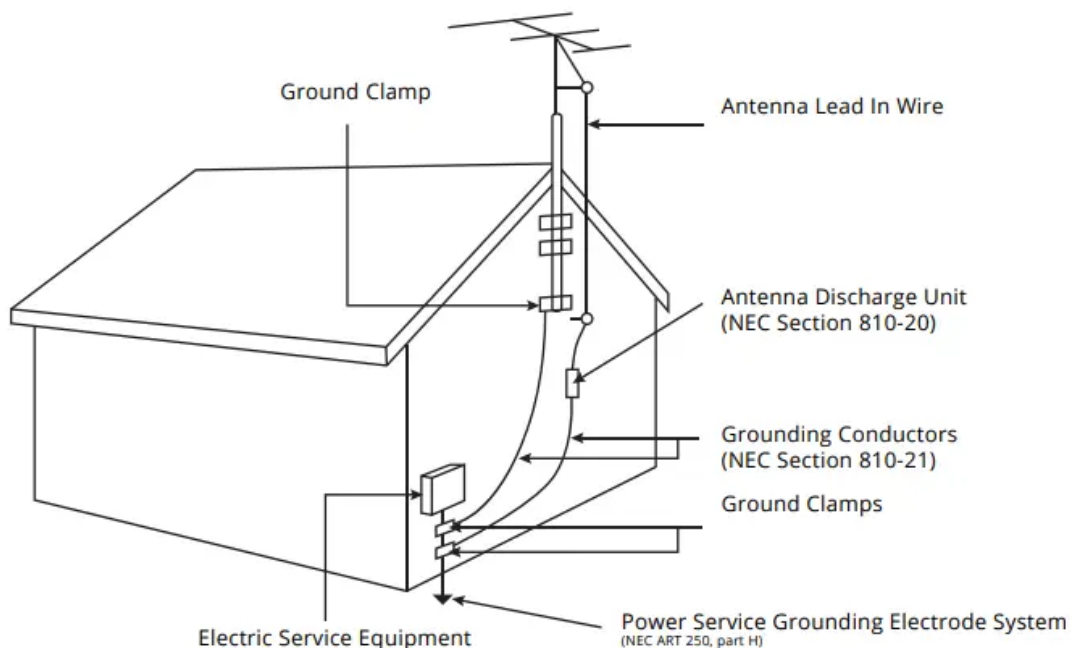
Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of the grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements of the grounding electrode.

## Lightning Protection

For added protection of the TV during a lightning storm or when it is left unattended or unused for long periods of time, unplug the TV from the wall outlet and disconnect the antenna or cable system.

## Power Lines

Do not locate the antenna near overhead light or power circuits, or where it could fall into such power lines or circuits. Remember, the screen of the coaxial cable is intended to be connected to earth in the building installation.



**FRONT PANEL**

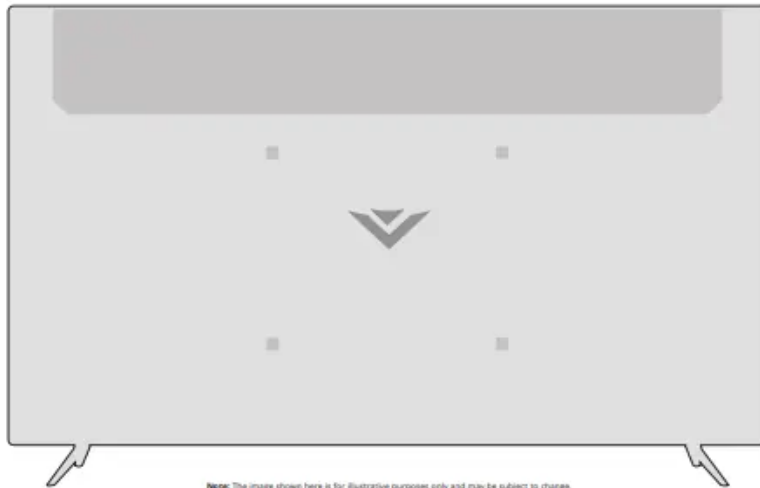


**Remote Sensor and Power Indicator**

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—D32F-G1**

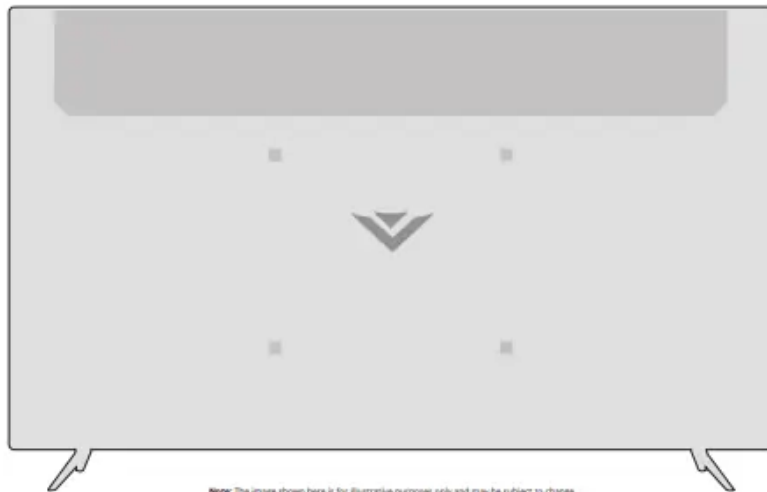
- HDMI**  
Connect an HDMI device
- Composite**  
Connect a composite
- Coaxial**  
Connect to a coaxial cable from cable, satellite, or antenna
- USB**  
Connect a USB thumb drive to play photos, music, or video
- Stereo Audio Out**  
Connect a 3.5 mm audio device, such as a headset or sound bar
- Ethernet**  
Connect an Ethernet cable to modem/ router
- Power**  
Press to turn on the TV. Press and hold to turn the TV off
- Volume**  
Press to increase or decrease the TV volume level
- Input**  
Press to access the input menu



**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.

**REAR PANEL—D32F-G1 & D32F-G4**

- HDMI**  
Connect an HDMI device
- Composite**  
Connect a composite
- Audio Out**  
Connect to an RCA device, such as sound bar
- Coaxial**  
Connect to a coaxial cable from cable, satellite, or antenna
- USB**  
Connect a USB thumb drive to play photo, music, or video
- Optical Audio Out**  
Connect to an optical/SPDIF audio device, such as home audio receiver
- Ethernet**  
Connect an Ethernet cable to modem/ router
- Power**  
Press to turn on the TV. Press and hold to turn the TV off
- Volume**  
Press to increase or decrease the TV volume level
- Input**  
Press to access the input menu



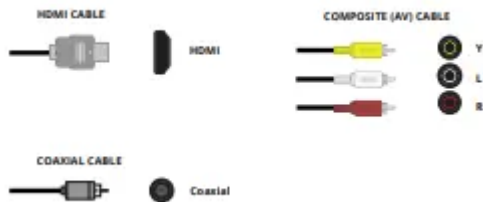
**Note:** The image shown here is for illustrative purposes only and may be subject to change. The actual number of ports and their locations may vary, depending on the model.

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



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

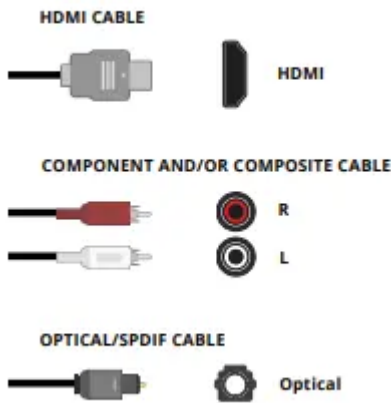
1. Verify that your device has a video port that matches an available port on the TV (HDMI, Composite, etc . ) .
2. Connect the appropriate cable (not included) to the TV and the device .
3. Turn the TV and your device on .
4. Set the TV's input to match the connection you used (HDMI-1, HDMI-2, etc .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



### Connecting a device — AUDIO CABLE TYPES

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

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




### WALL-MOUNTING THE TV


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

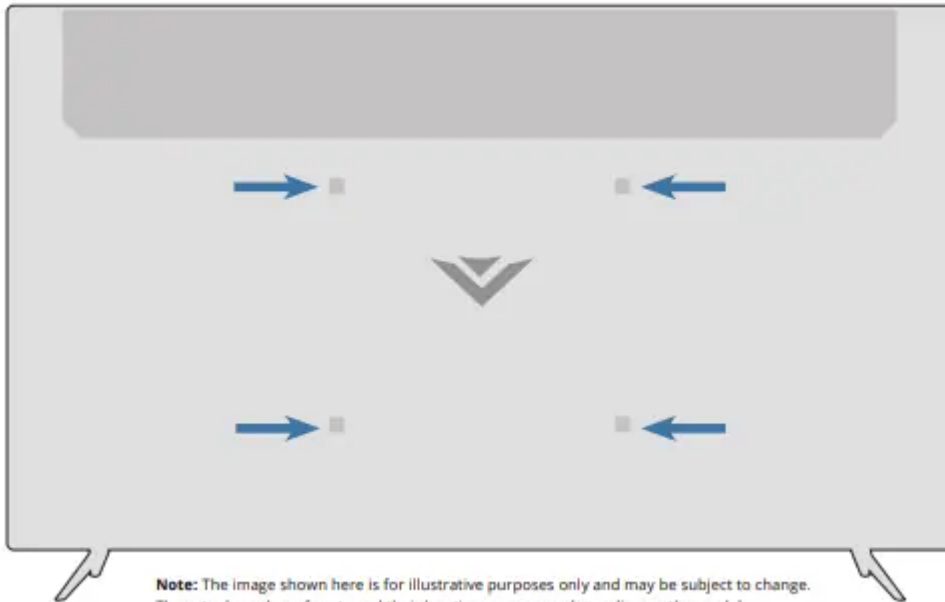
Be sure the mount you choose is capable of supporting the weight of the TV.

To install your TV on a wall:

1. Disconnect any cables connected to your TV.
2. Place the TV face-down on a clean, flat, stable surface. Be sure the surface is clear of debris that can scratch or damage the TV.
3. If attached, remove the stands by loosening and removing the screws.
4. Attach your TV and wall mount to the wall by carefully following the instructions that came with your mount. Use only with a UL-listed wall mount bracket rated for the weight/load of your TV.

 Installing a TV on a wall requires lifting. To prevent injury or damage to the TV, ask someone to help you.





















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



	D24f-G1	D32f-G1	D32f-G4
<b>Screw Size:</b>	M4	M6	M4
<b>Hole Depth:</b>	8 mm	8 mm	10 mm
<b>Hole Pattern:</b>	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm
<b>Weight w/o Stand:</b>	5.73 lb (2.60 kg)	8.70 lb (3.95 kg)	9.20 lb (4.18 kg)

## USING THE REMOTE

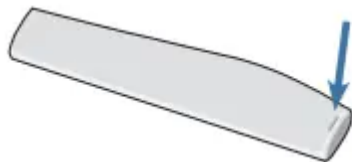
Note that specific buttons may vary depending on your model.

	<b>Power</b> Turn television on or off		<b>SmartCast Home™ Button</b> Launch SmartCast Home/Return to SmartCast Home Screen
	<b>Input</b> Change the currently displayed input		<b>Closed Caption</b> Open the closed caption menu <i>Open Accessibility menu by holding down this button for 5 seconds.</i>
	<b>App Launcher</b> Quickly launch the pictured app		<b>Mute</b> Turn the audio on or off
	<b>Menu</b> Display the settings menu		<b>Last</b> Return to the channel last viewed
	<b>Exit</b> Close the on-screen menu		<b>Number Pad</b> Manually enter a channel
	<b>Arrow Buttons</b> Navigate the on-screen menus		<b>Pic</b> Cycle through the different picture setting modes <i>Enabled/disable talk back feature*</i>
	<b>OK/Play/Pause</b> Select the highlighted menu option and play or pause content		<b>Dash</b> Use with number pad to manually enter a digital sub-channel (for example, 18-4 or 18-5)
	<b>Back</b> Go to the previous on-screen menu		<b>Wide</b> Change the picture display size/aspect ratio <i>Enable/disable zoom mode*</i>
	<b>Info</b> Display the info window		<b>Channel Up/Down</b> Change the channel
	<b>WatchFree™</b> Access WatchFree channels <i>(not available in Canada)</i>		
	<b>Volume Up/Down</b> Increase or decrease the loudness of the audio		

*\*Enabled/disabled different accessibility features by holding down each of these buttons for 5 seconds.*

## Replacing the Batteries

1. Find the notch on the back of the remote. Insert a coin and pry open the back cover.






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.



*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. For more information please visit: [www.vizio.com/environment](http://www.vizio.com/environment)*

 **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

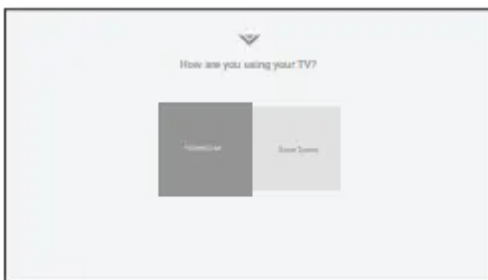
**Before you begin the first-time setup:**

- 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.



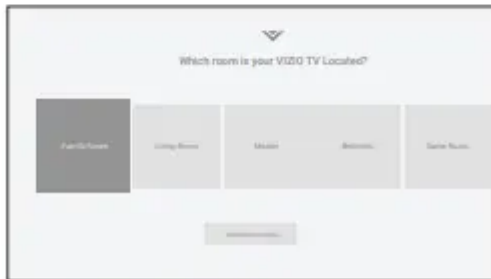
2. Choose home use.



3. Choose your country.



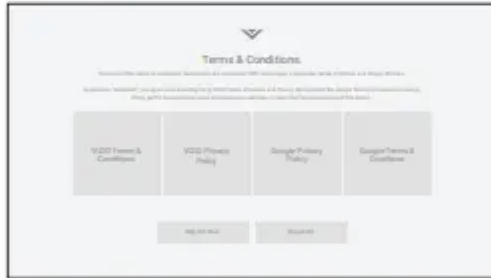
4. Choose your Wi-Fi network and enter the password.



5. Name your TV.



6. Scan for channels.



7. Accept the Terms & Conditions and register your device.



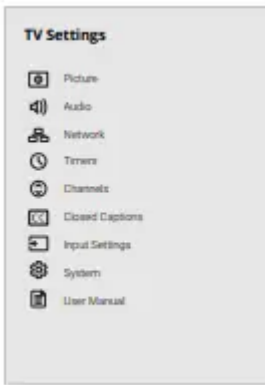
## Using the On-Screen Menu

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:

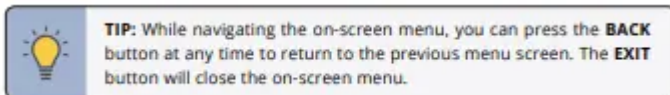
- Adjust the picture settings
- Adjust the audio settings
- Adjust the network settings
- Set up timers
- Adjust the channel settings
- Set up closed captioning
- Name and adjust Inputs
- Adjust TV settings
- View the user manual



## NAVIGATING THE ON-SCREEN MENU

To open the on-screen menu:

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

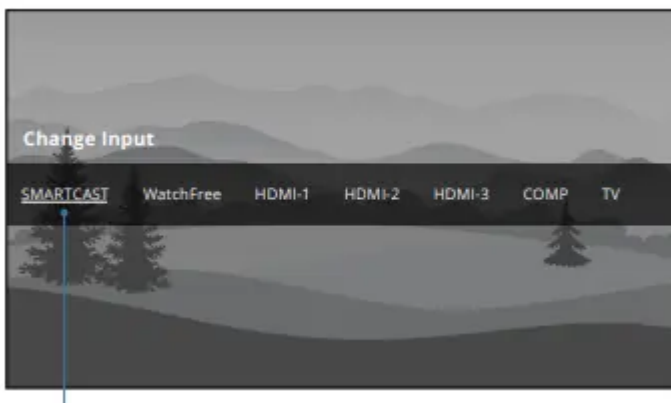


## CHANGING THE INPUT SOURCE

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 Arrow buttons or the INPUT button on the remote to highlight the input you wish to view. The corresponding inputs are named on the back of your TV.
3. Press OK or release the INPUT button. The selected input is displayed.



### Input Name

The underlined input on the left is the current input selected. Inputs may vary by TV

## CHANGING THE SCREEN ASPECT RATIO

To change the screen aspect ratio:

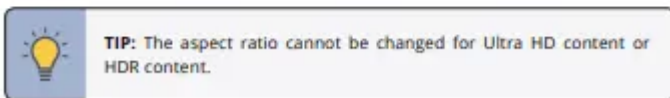
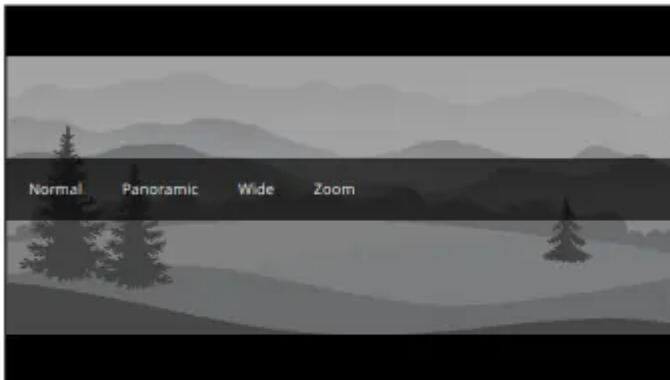
### **Menu > System > Aspect Ratio**

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

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

- Normal (default) — No change to aspect ratio.
- Stretch\*—When the 16:9 signal is a 4:3 image with black bars left and right, stretches to fill the screen.
- 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%.
- Panoramic\*—Stretches a 4:3 image to fill 16:9 screen with an algorithm so the center doesn't look stretched.

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 THE PICTURE SETTINGS

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

To adjust the picture settings:

### **Menu > Picture > Picture Mode**

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

- Standard — Sets the picture settings to the default settings.

- Calibrated — Sets the picture settings to values ideal for watching TV in a brightly-lit room.
- Calibrated Dark — Sets the picture settings to values ideal for watching TV in a dark room.
- Vivid — Sets the picture settings to values that produce a brighter, more vivid picture.
- Game — Reduces throughput delays and optimizes the picture settings for displaying game console output.
- Computer — Optimizes the picture settings for displaying computer output

**TIP:** If you save changes to the settings for a picture mode, an asterisk will appear after its name. See *Saving a Custom Picture Mode* on page 17.

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

- Backlight — Adjusts the LED brightness to affect the overall brilliance of the picture. Backlight cannot be adjusted when starting from some picture modes.
- 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 More Picture Settings

To adjust more picture settings:

### **Menu > Picture > More Picture**

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

- Color Temperature — Change the white balance of the picture. Refer to the section on Adjusting the Color Temperature on page 17.
- Black Detail — Adjusts the average brightness of the picture to compensate for large areas of brightness.
- Backlight Control — When ON, it will improve the contrast ratio of the picture by adjusting backlight zones. Specific adjustments are based on content.
- Reduce Noise:
  - Reduce Signal Noise: Lessens artifacts in the image caused by the digitizing of image motion content.
  - Reduce Block Noise: Reduces pixelation and distortion for mpeg files.
- Game Low Latency — Reduces video delay (lag) when gaming.
- 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.



### **To adjust the color management system/2 point white balance settings:**

1. Use the Arrow 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 Arrow buttons to adjust the value. When you are finished press the OK button to save the setting.

### **To adjust the 11 Point White Balance settings:**

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

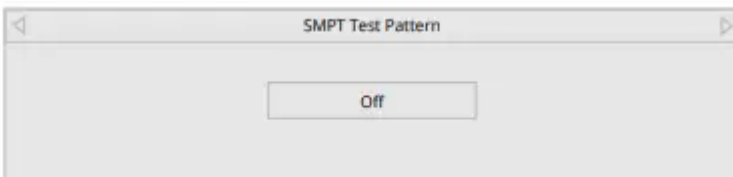
1. From the Color Tuner table, use the Arrow buttons to highlight the top bar and then press the Left/Right Arrow buttons until the 11 POINT WHITE BALANCE menu is displayed.

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

2. Use the Arrow buttons on the remote to highlight the Gain and Color values you wish to adjust. Press the OK button and use the Left/Right Arrow 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 > Color Calibration > Color Tuner > SMPTE Test Pattern**



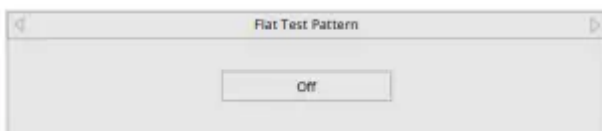
1. Use the Arrow buttons on the remote to highlight Off. Use the Left/Right Arrow buttons to select On to show the SMPTE Pattern.

—or—

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

**To show or hide the Flat Test Pattern:**

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



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

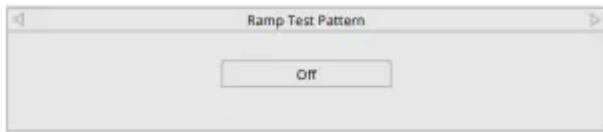
—or—



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

**To show or hide the Ramp Test Pattern:**

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



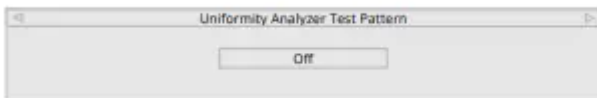
1. Use the Arrow buttons on the remote to highlight Off. Use the Left/Right Arrow buttons to select the color for the ramp test pattern. Selecting a color immediately shows that color ramp.

—or—

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

**To show or hide the Uniformity Analyzer Test Pattern:**

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



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

—or—

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

## SETTING TIMERS

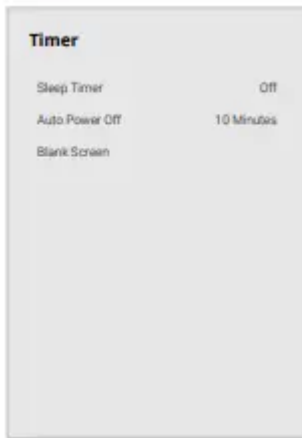
When activated, the TV's timer will turn the TV off after a set period of time.

**To setup a sleep timer:**

*Menu > Timers*

Use the Left/Right Arrow 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 > Timers > Auto Power Off > Of*

### **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:**

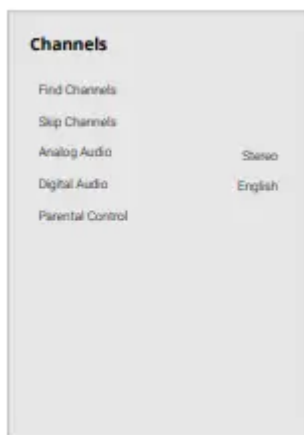
*Menu > Timers > Blank Screen*

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

## **SETTING UP CHANNELS**

You can use the TV's Channels menu to:

- Find channels
- Select channels to skip
- Select analog audio mode
- Select the language for digital audio
- Set parental controls



## Scanning for 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 > 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. A new channel scan will clear all channels.



## Skipping Channels

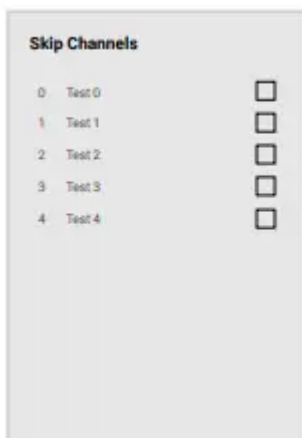
After a channel scan is completed, you may find that some channels are too weak to watch comfortably. There may also be some channels you do not want to view. You can remove these channels from the TV's memory with the Skip Channel feature.

 **WARNING:** Channels that have been removed with the Skip Channel feature can still be viewed if the channel is entered using the Number Pad. If you wish to completely block a channel from being viewed, use the parental controls.

See *Locking and Unlocking Channels* on page 26.

### To remove a channel:

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




## 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 > Channels > Parental Controls > Enter in PIN*

 **TIP:** To set a custom PIN passcode, see *Setting a System PIN* on page 34.

### 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 > Channels > Parental Controls > Locks > ON/OFF*

## 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.

## 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.



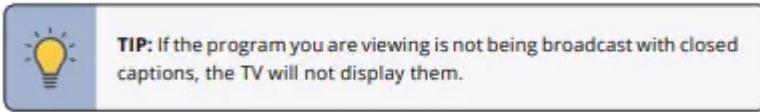
**TIP:** For a list of content ratings and their definitions, please visit: [www.tvguidelines.org](http://www.tvguidelines.org).

2. For each rating type you want to block or unblock, use the Arrow 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 Arrow buttons on the remote to select On.

## SETTING UP CLOSED CAPTIONING

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



### To activate or deactivate closed captions:

*Menu > Closed Captions > Closed Captions > Off/On*

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



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

### Changing the Appearance of Digital Closed Captions

Digital closed captions can be displayed according to your preference. See the diagram on the next page for an explanation of the parts of the closed caption area.

### To change the appearance of digital closed captions:

*Menu > Closed Captions > Digital Style*

1. Use the Left/Right Arrow buttons on the remote to select Custom. The Digital Style menu appears as shown.

Digital Style	
Text Style	As Broadcast
Text Size	Large
Text Color	Blue
Text Opacity	As Broadcast
Text Edges	As Broadcast
Text Edges Color	As Broadcast
Background Color	As Broadcast
Background Opacity	As Broadcast
Window Color	As Broadcast
Window Opacity	As Broadcast

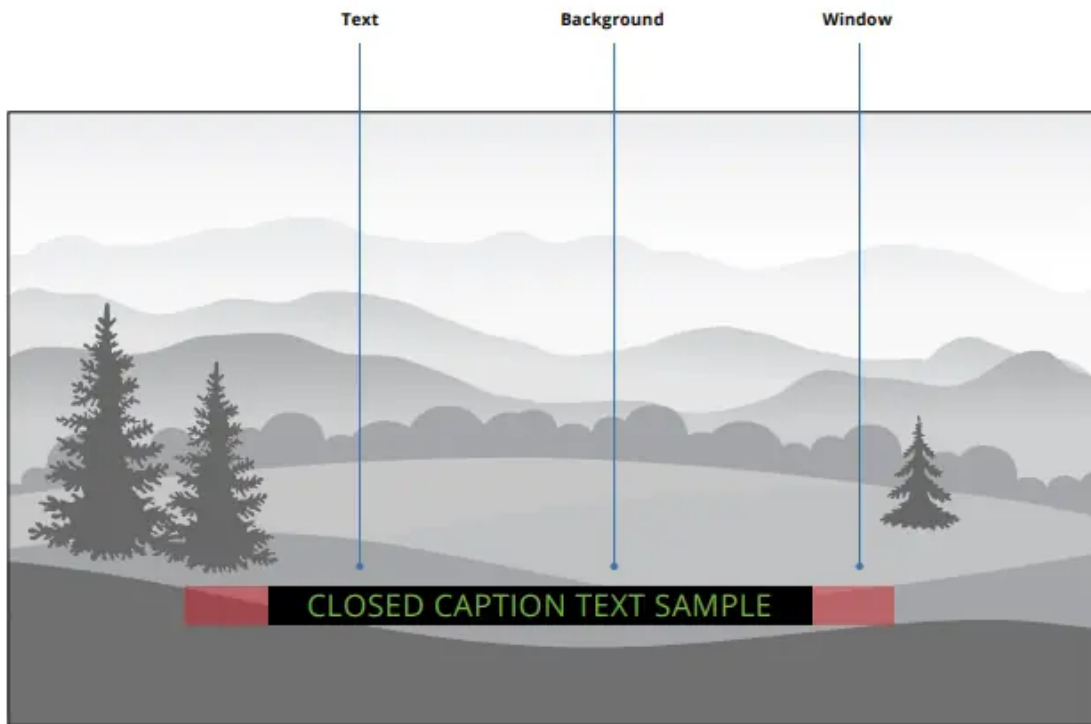
2. Use the Up/Down Arrow buttons on the remote to highlight the setting you wish to change, then use the Left/Right Arrow buttons to change the setting:

- Caption Style — Choose As Broadcast to keep default settings or Custom to manually change each setting.
- Text Style — Change the font used for the closed captioning text.
- Text Size — Make the text larger or smaller.
- Text Color — Change the color of the text.
- Text Opacity — Change the transparency of the text.
- Text Edges — Change the effects at the edges of the text, such as raising the edges or adding drop shadows.
- Text Edges Color — Change the color of the text edge effects.
- Background Color — Change the color of the background directly behind the text.
- Background Opacity — Change the transparency of the background directly behind the text.
- Window Color — Change the color of the closed captioning box.
- Window Opacity — Change the opacity of the closed captioning box.

**Typical choices include:**

- Opaque background, transparent window — Only a strip of background appears behind the text, expanding as the text appears. This is the typical "As Broadcast" mode.
- Opaque background and window in the same color — When text appears, the entire line fills with color at once.

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



## CHANGING THE TV SETTINGS

Using the System menu, you can:

- Check for updates
- View system information
- Change the on-screen menu language
- Set time zone and local settings
- Adjust the CEC settings
- Adjust the power mode settings
- Adjust to preserve aspect ratio or fill the screen
- Name the TV
- Review and maintain the list of paired devices
- Adjust accessibility settings
- Reset the TV settings and setup administrative controls



## USING THE RESET & ADMIN MENU

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

**Using the RESET & ADMIN menu, you can:**

- Reset the TV to factory settings
- Force the system to power off and on
- Create a system pin code to lock content and picture settings
- Turn USB power on or off.
- Enable or disable program offers and suggestions
- Enable or disable anonymous debug data for system performance.
- Start or stop the store demo mode

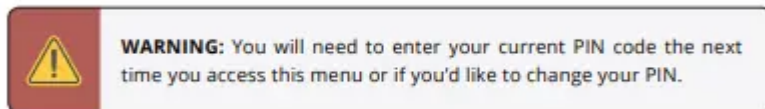


## Using the USB Power Feature

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.



## About Viewing Data

Video ACR collects data related to publicly available content displayed on your television/display, such as the identity of your broadcast, cable, or satellite television provider, and the television programs and commercials viewed (including time, date, channel, and whether you view them live or at a later time). We also collect unique identifiers about this TV, including the IP address. This data is collectively referred to as "Viewing Data." For more information about Viewing Data and how VIZIO protects its customers' privacy, please consult our privacy policy at [www.vizio.com/privacy](http://www.vizio.com/privacy).

When ACR collection is turned on, we may share Viewing Data with authorized data partners including analytics companies, media companies and advertisers. VIZIO and its authorized data partners use Viewing Data to generate summary analysis and reports of how users engage with content on their TVs and other devices. VIZIO Viewing Data is sometimes enhanced with household demographic data and data about digital actions (e.g. digital purchases and other consumer behavior taken by devices associated with the IP Address we collect). Viewing Data also enables our authorized data partners to deliver advertising relevant to your profile that you might find useful, both on the VIZIO TV/display and other devices sharing your IP Address. Viewing Data is also used to help content publishers, broadcasters or content distribution services create or recommend more relevant entertainment based on summary insights, as well as helps us improve the design of our products, software and services.

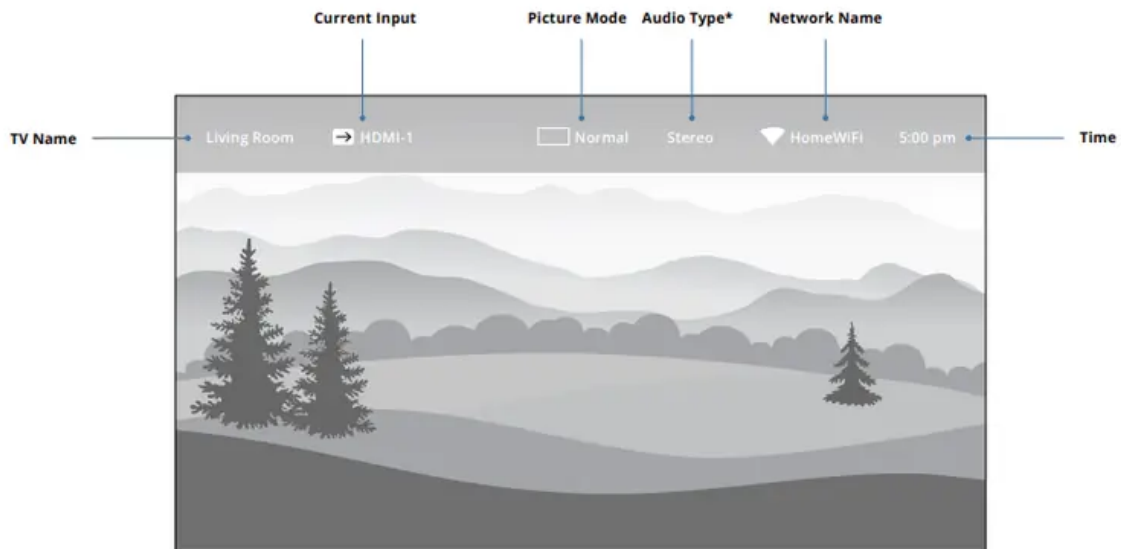
You can easily turn this feature On or Off in the RESET & ADMIN menu. If you have trouble enabling or disabling Viewing Data, please contact VIZIO Customer Support by going to [support.vizio.com](https://support.vizio.com) and selecting Contact Us.

For more information, see <https://www.vizio.com/viewingdata> and review VIZIO's privacy policy at <https://www.vizio.com/privacy>.

## USING THE INFO WINDOW

Press the INFO button one time to display:

- TV name
- Current input
- Picture mode
- Audio type
- Network name
- Time



## 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 Arrow 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.

### **Removing the USB Drive from the TV**

To safely remove your USB flash drive from the TV:

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

# Playing USB Media: Music

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

**Connected Sources**  
Displays connected USB devices.

**Current Folder**  
My Music

**Playback Control**

**Toggle Music/Photos**  
Browse Photos

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

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

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

**Now Playing Information**  
Displays song title, album title, and artist name.

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

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

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

#	Track	Album	Artist	Duration
1	Starry Summer	Summer Mix	JCheesy	2:42
2	Downspin	Summer Mix	JCheesy	6:20
3	Mango Dream	Beach Mix	Ana Banana	8:46
4	Crystal Waters	Beach Mix	The Dash	4:21
5	Smooth Waves	Breezy Mix	Rio Steve	7:58

Page 1 of 1

# Playing USB Media: Video

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

**Connected Sources**  
Displays connected USB devices.

**Current Folder**  
My Videos

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

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

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

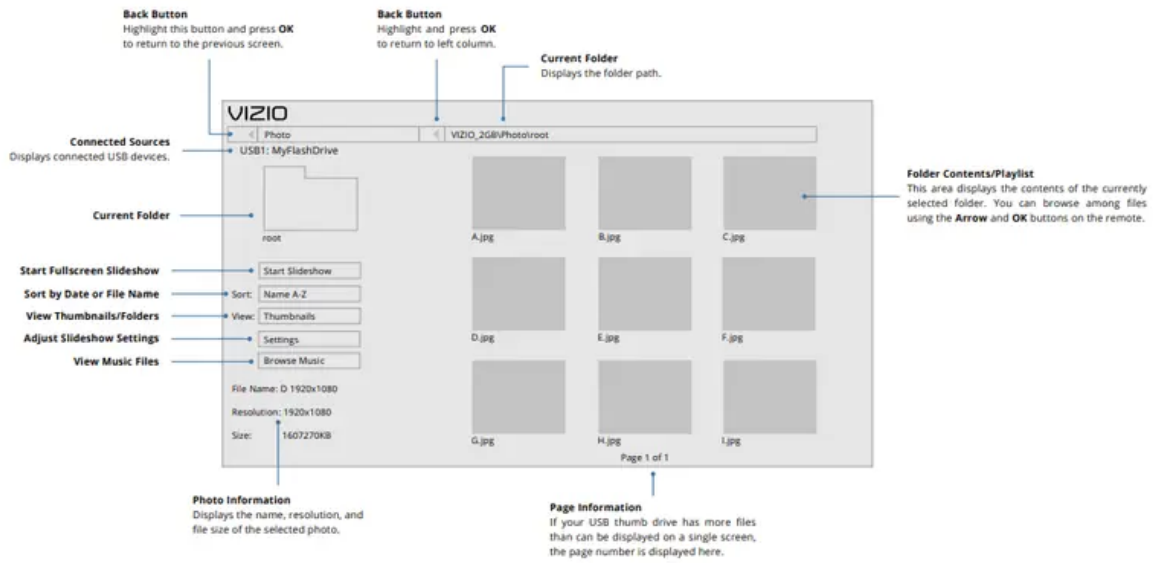
**Folder Contents/Playlist**  
This area displays the contents of the currently selected folder. You can browse among files using the **Arrow** and **OK** buttons on the remote.

#	File	Date	Duration
1	Family Vacation - California	-	00:23:43
2	26th Birthday Party	-	00:38:18
3	Japan 2017	-	00:41:08
4	Aby's Graduation	-	00:25:32

Page 1 of 1



# 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 Channels on page 24.

### 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 16.
- 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 21.

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

- Please visit <https://www.vizio.com/accessibility>,
- Email us at: [Accessibility@vizio.com](mailto:Accessibility@vizio.com), or
- Give us a call at 1-877-698-4746.

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

- Download and open a Chromecast-enabled apps on your mobile device. Then tap the Cast button.

**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 16.
- Select a pre-set picture mode. VIZIO recommends selecting Calibrated.
- Check all cables to ensure they are securely attached.

**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 21.
- 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.

**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 > System > Aspect Ratio.

### **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 12.

### **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.
- See Changing the Screen Aspect Ratio on page 15.

### **How do I download the VIZIO SmartCast Mobile™ App?**

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

### **How do I change the Inputs?**

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

### **How do I connect to my Wi-Fi network?**

- On your TV remote, press the Menu button then go to Network > Select your Wi-Fi name > Enter password.
- Open the VIZIO SmartCast Mobile™ app on your phone or tablet. Tap on the device list and select your Display.
- 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: Control > Your TV/Device Name > Settings Icon > Channels > Find Channels.

### **How do I disable/enable Viewing Data?**

- Press the MENU button on your remote and select the System option. Select Reset & Admin. Then select Viewing Data to turn the feature on or off.
- Open the VIZIO SmartCast Mobile app on your phone or tablet.
- Click on: Control > Your TV/Device Name > Settings Icon > System > Reset & Admin > Viewing Data Slider.

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

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

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

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

# Specifications

	D24F-G1	D32F-G1	D32F-G4
<b>Size</b>	24"	32"	32"
<b>Viewable Area</b>	23.5"	31.5"	31.5"
<b>PRODUCT DIMENSIONS</b>			
<b>Dimensions w/ Stand</b>	22.13" x 14.91" x 6.3" (562.2 x 378.7 x 160 mm)	28.66" x 18.98" x 7.83" (728.01 x 482.09 x 198.91 mm)	28.74" x 19.04" x 7.83" (729.9 x 483.7 x 198.9 mm)
<b>Dimensions w/o Stand</b>	22.13" x 13.26" x 2.87" (562.2 x 336.7 x 73 mm)	28.66" x 17.01" x 2.82" (728.01 x 432.18 x 71.6 mm)	28.74" x 16.99" x 3.28" (729.9 x 431.5 x 83.5 mm)
<b>Weight w/ Stand</b>	5.82 lb (2.64 kg)	8.88 lb (4.03 kg)	9.45 lb (4.29 kg)
<b>Weight w/o Stand</b>	5.73 lb (2.6 kg)	8.70 lb (3.95 kg)	9.20 lb (4.18 kg)
<b>Mounting Screw Size</b>	M4	M6	M4
<b>Hole Pattern</b>	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm
<b>PICTURE QUALITY</b>			
<b>Maximum Resolution</b>	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
<b>LCD Backlight</b>	Full Array LED	Full Array LED	Full Array LED
<b>Refresh Rate</b>	60 Hz	120 Hz (Effective Refresh Rate)	120 Hz (Effective Refresh Rate)
<b>INPUTS / OUTPUTS</b>			
<b>HDMI Inputs</b>	2	2	2
<b>Composite Video Inputs</b>	1	1	1
<b>Ethernet Input</b>	1	1	1
<b>RF Antenna Input</b>	1	1	1
<b>USB</b>	1	1	1
<b>Audio Output</b>	HDMI ARC, Analog Stereo Output (3.5 mm)	HDMI ARC, Analog Stereo Output (RCA), Digital Optical	HDMI ARC, RCA, Digital Optical
<b>OTHER</b>			
<b>Remote Control Model</b>	XRT136	XRT136	XRT136
<b>Power Consumption</b>	25.75 W	39.77 W	42 W
<b>Standby Power</b>	<1W (USA); <0.5W (Canada)	<1W (USA); <0.5W (Canada)	<1W (USA); <0.5W (Canada)
<b>Voltage</b>	120V	120V	120V
<b>OSD Language</b>	English, French, Spanish	English, French, Spanish	English, French, Spanish
<b>Certification</b>	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio

## 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.