

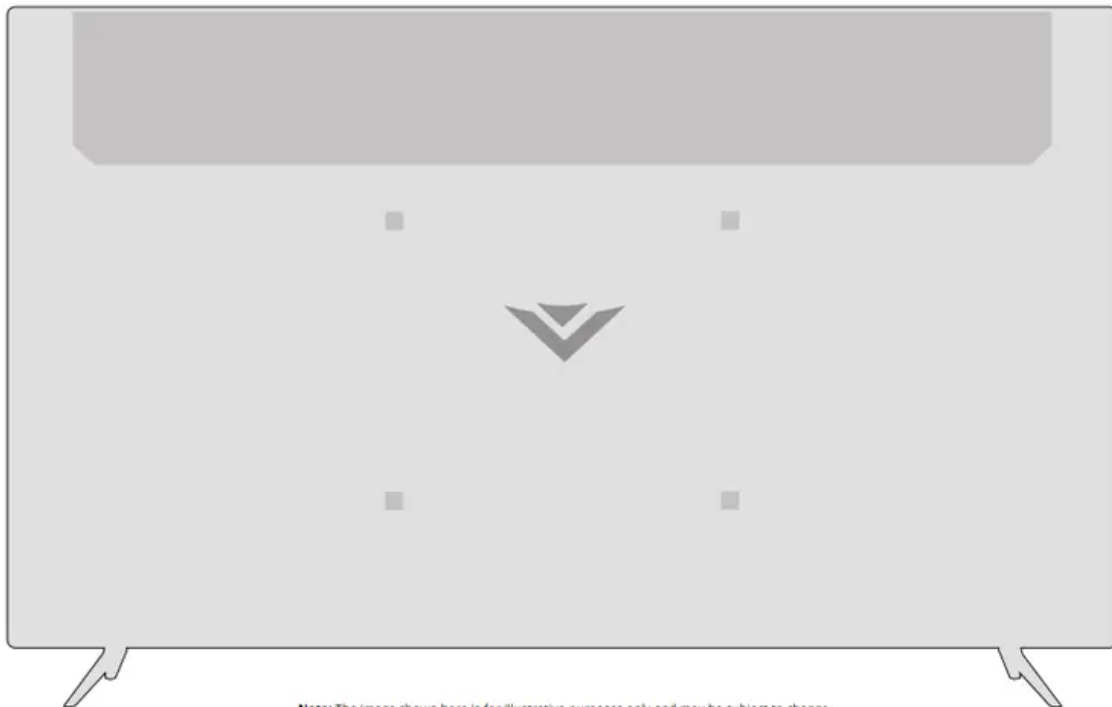
## Getting to Know Your TV

### 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 32.

### REAR PANEL



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



**HDMI** Connect an HDMI device



**Composite** Connect a composite



**Audio Out** Connect to an RCA device, such as sound bar



**Coaxial** Connect to a coaxial cable from cable, satellite, or antenna



**USB** Connect a USB thumb drive to play photo, music, or video



**Optical Audio Out** Connect to an optical/SPDIF audio device, such as home audio receiver



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



**Power** Press to turn on the TV. Press and hold to turn the TV of



**Volume** Press to increase or decrease the TV volume level

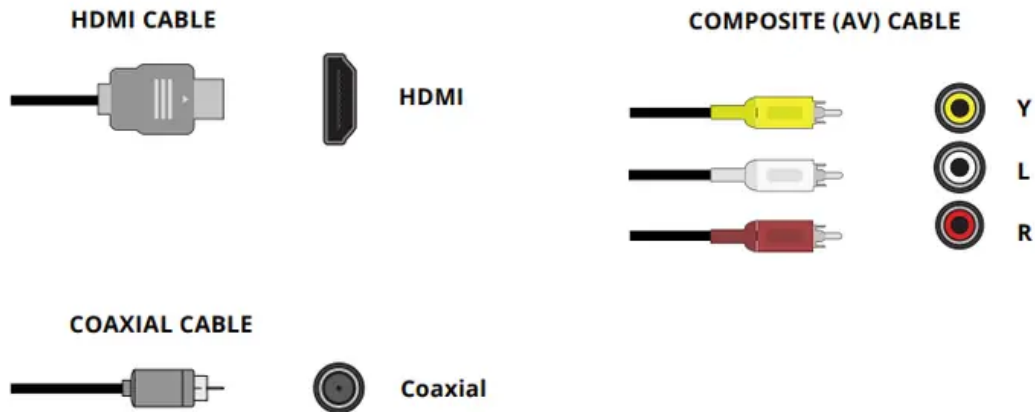


**Input** Press to access the input menu

## 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 .)

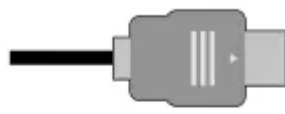


### Connecting a device — AUDIO CABLE TYPES

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

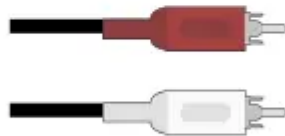
1. Verify that your device has an audio port that matches an available port on the TV (optical, RCA, etc)
2. Connect the appropriate cable (not included) to the TV and the device .
3. Turn the TV and your device on

### HDMI CABLE



HDMI

### RCA CABLE



R



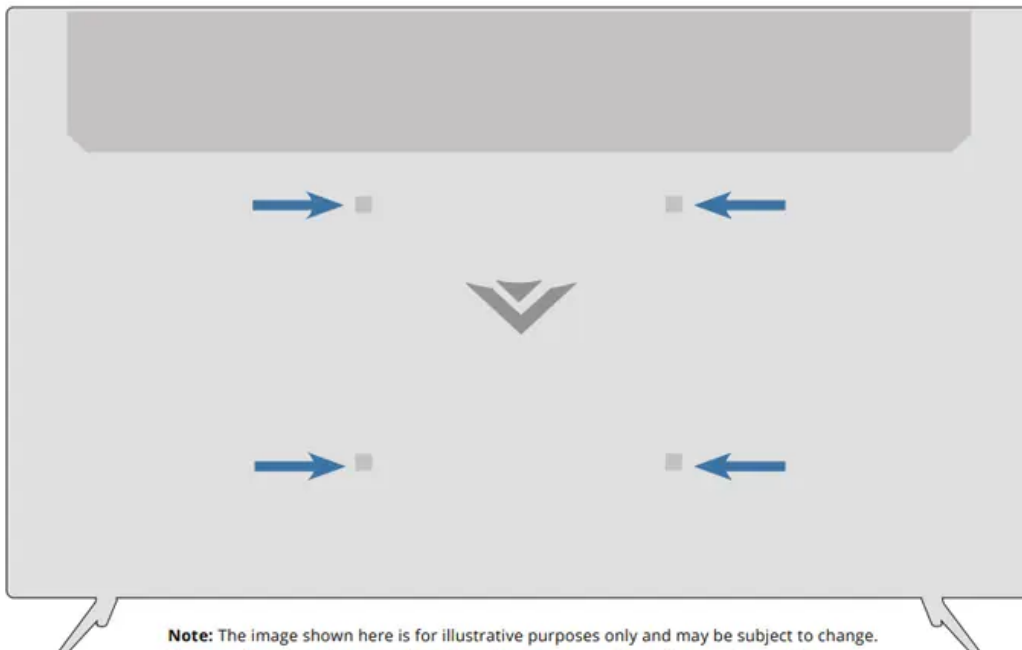
L

### OPTICAL/SPDIF CABLE



Optical

## WALL-MOUNTING THE TV



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

	M437-G0	M507-G1	M558-G1	M658-G1
<b>Screw Size:</b>	M4	M6	M6	M6
<b>Hole Depth:</b>	8 mm	14 mm	14 mm	14 mm
<b>Hole Pattern:</b>	200 mm x 200 mm	200 mm x 200 mm	300 mm x 200 mm	400 mm x 200 mm
<b>Weight w/o Stand:</b>	16.9 lb (7.7 kg)	28.22lb (12.8 kg)	35.94 lb (16.3 kg)	53.35 lb (24.2 kg)

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:


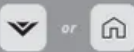

















1. Disconnect any cables connected to your TV .
2. Place the TV face-down on a clean, flat, stable surface. Be sure the surface is clear of debris that can scratch or damage the TV .
3. If attached, remove the stands by loosening and removing the screws .
4. Attach your TV and wall mount to the wall 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 .

## USING THE REMOTE

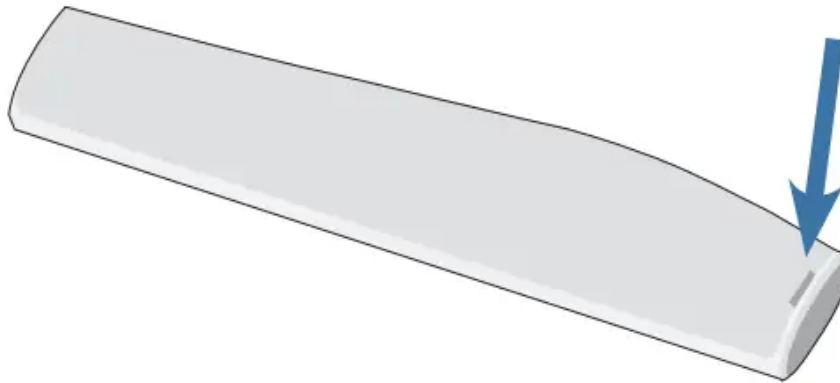
Note that specific buttons may vary depending on your model.

	<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>		

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

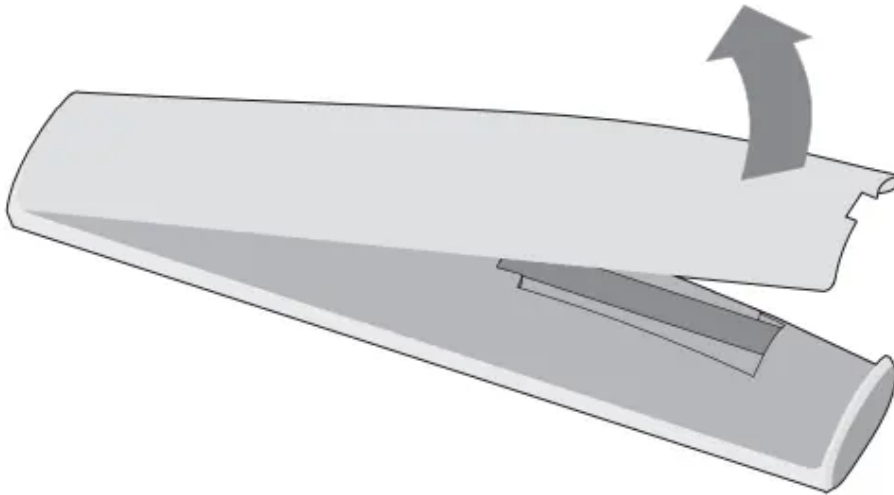
## Replacing the Batteries

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



**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 .

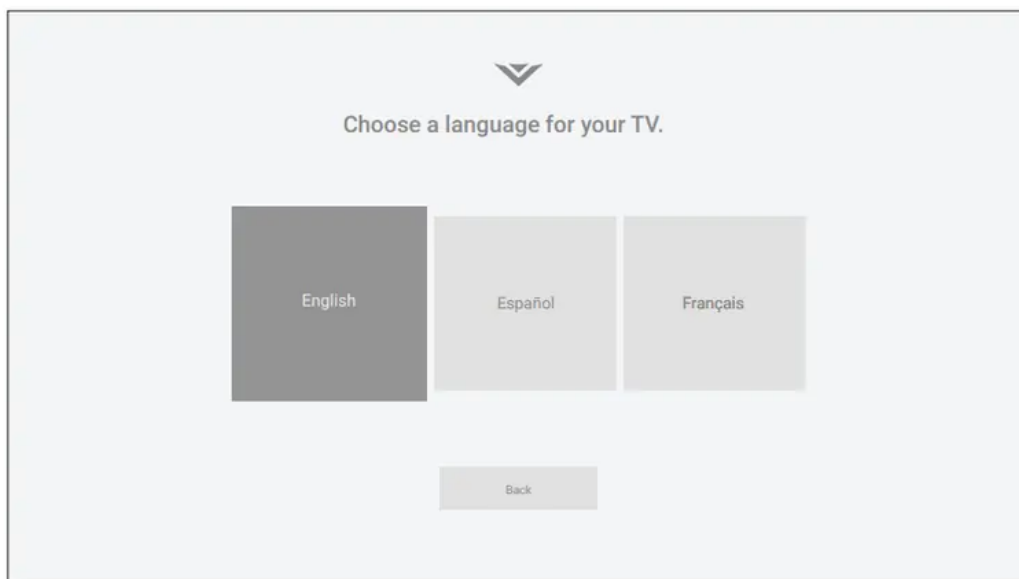
## Completing the First-Time Setup

Before you begin the first-time setup:

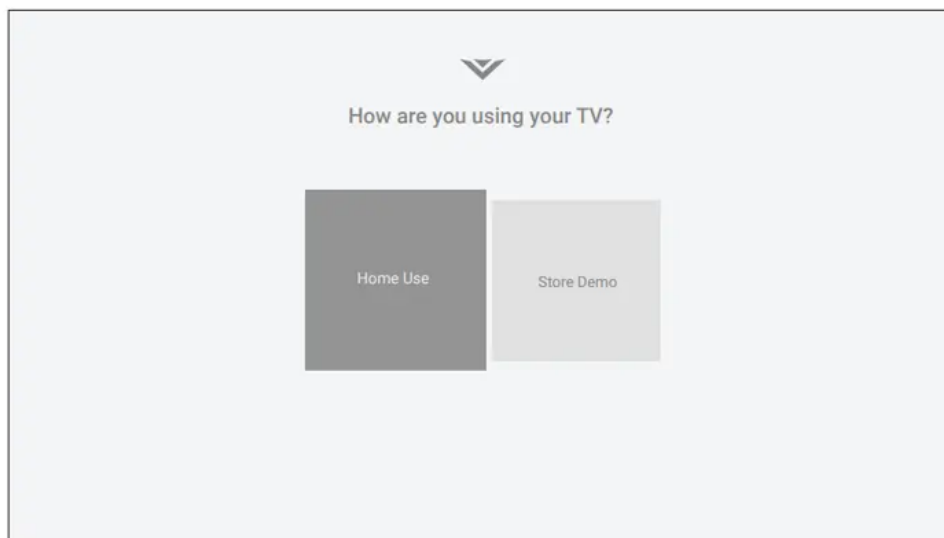
- Your TV should be installed and the power cord should be connected to an electrical outlet .
- If you have a wireless network, have the network password ready .
- If you are connecting to your network with an Ethernet cable, connect it to the Ethernet port on the TV .

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:

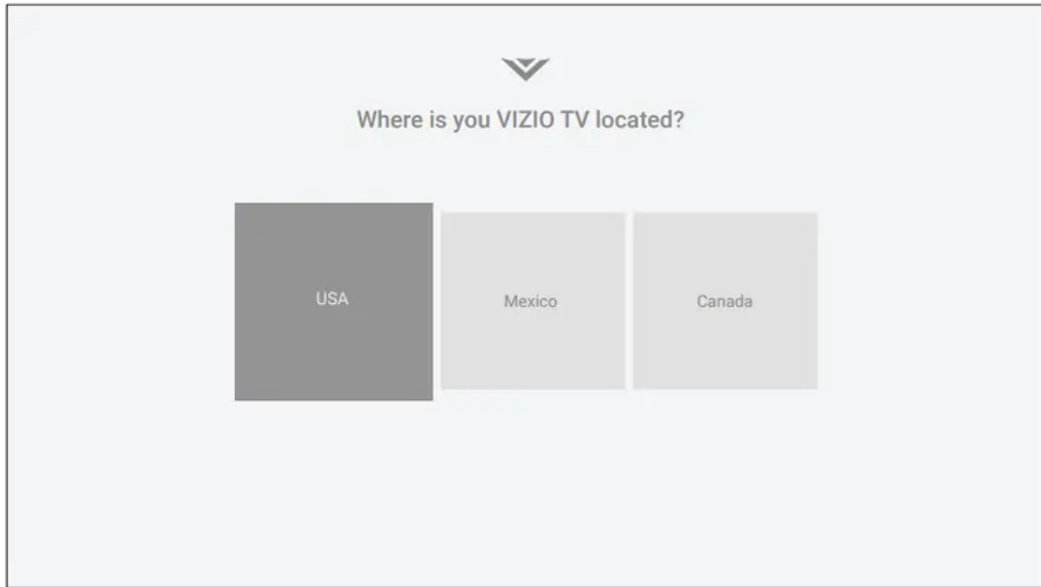
1. Choose your language



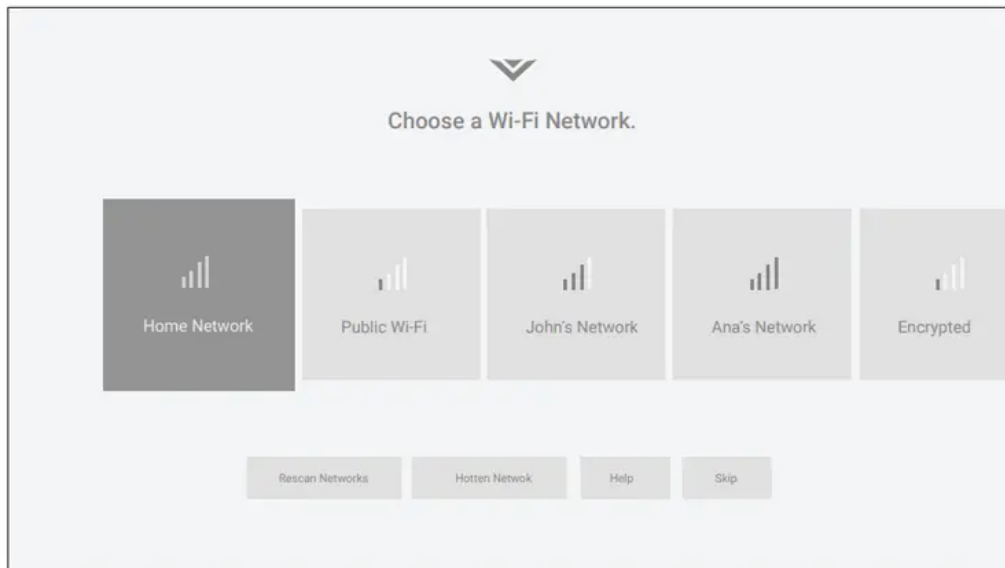
2. Choose home use



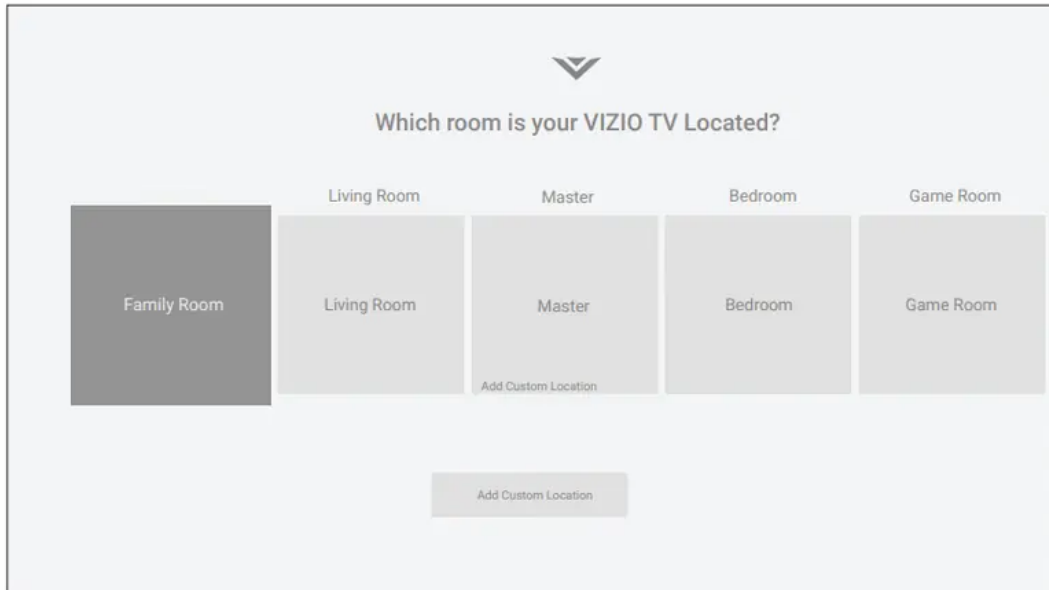
3. Choose your country



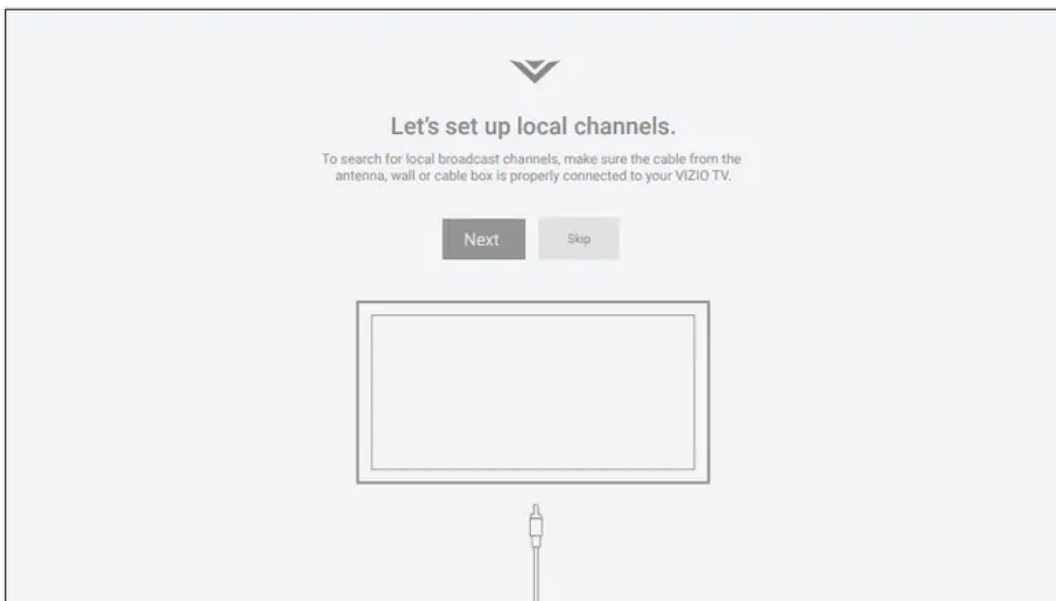
4. Choose your Wi-Fi network and enter the password



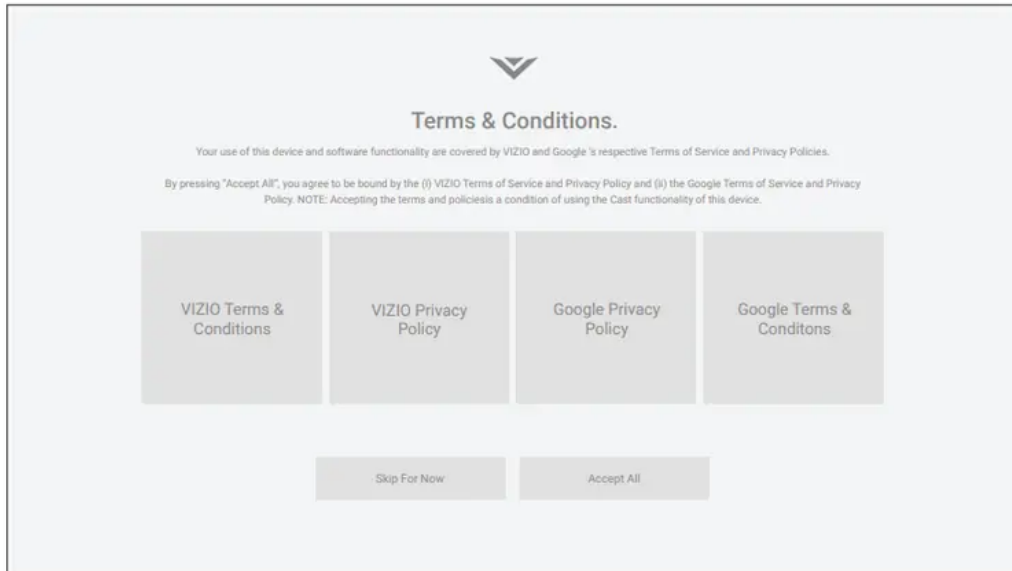
## 5. Name your TV



## 6. Scan for channels



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



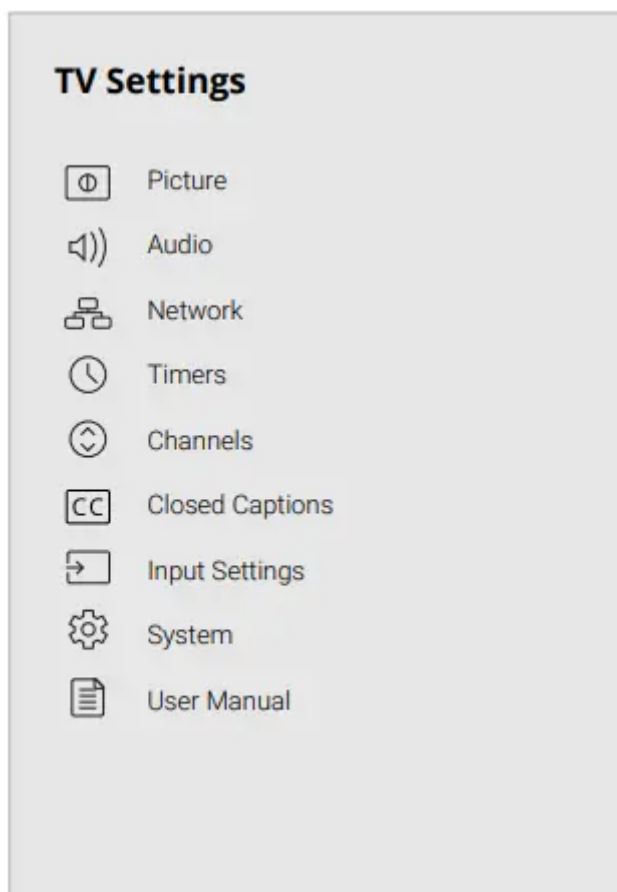
## Using the On-Screen Menu

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

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

## 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:

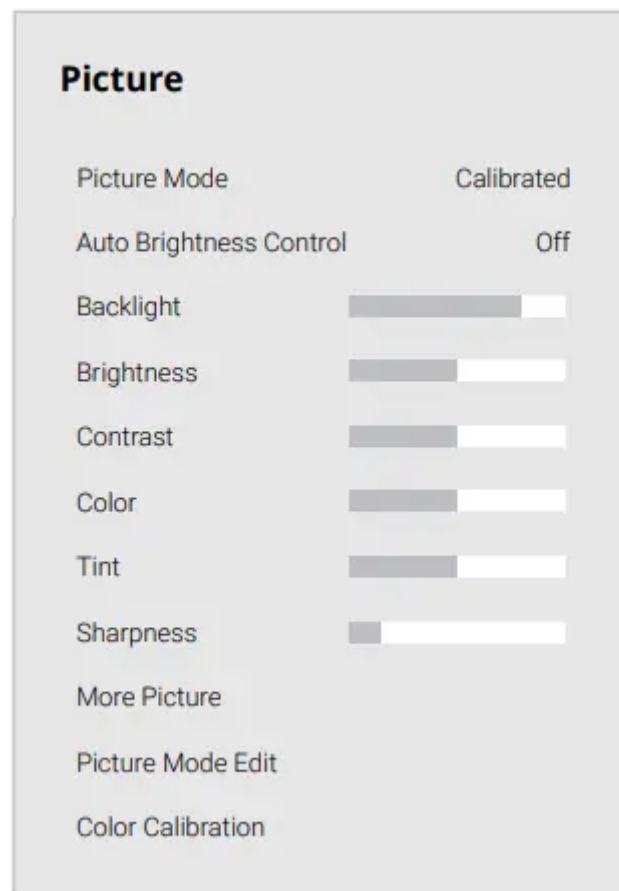
- **Standard** — Sets the picture settings to the default settings .
- **Calibrated** — Sets the picture settings to values ideal for watching TV in a brightly-lit room .
- **Calibrated Dark** — Sets the picture settings to values ideal for watching TV in a dark room .
- **Vivid** — Sets the picture 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 16.

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:

- **Auto Brightness Control** — The auto brightness control detects the light levels in the room and automatically adjusts the backlight for the best picture .
- **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:

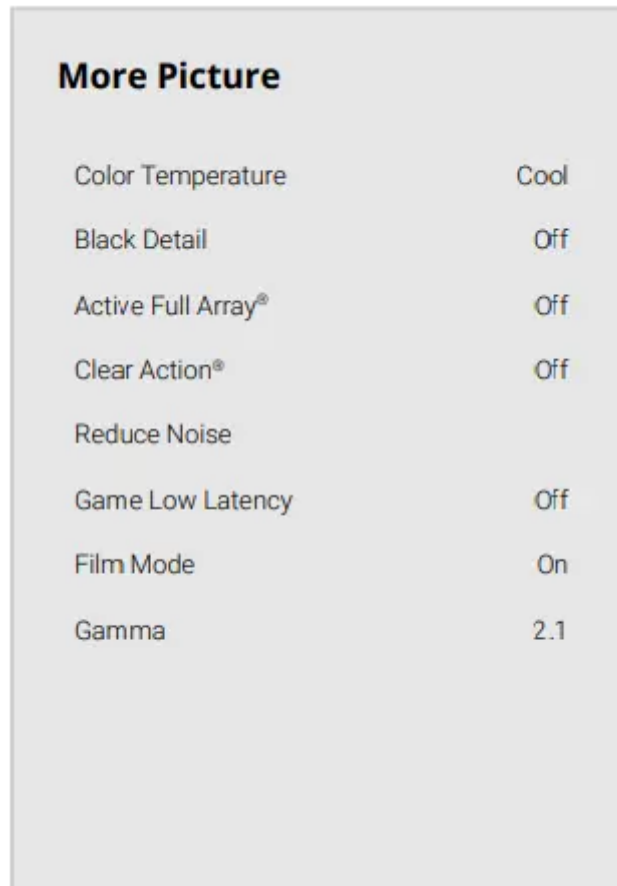
Menu > Picture > More Picture

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 16.
- **Black Detail** — Adjusts the average brightness of the picture to compensate for large areas of brightness .
- **Active Full Array®** — Based on the content, dynamically adjusts and balances the brightness and the contrast ratio of the picture by locally adjusting backlight zones .
- **Clear Action®** — Reduces blur in scenes with fast action but limits the range for the backlight setting .
- **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



<b>More Picture</b>	
Color Temperature	Cool
Black Detail	Off
Active Full Array®	Off
Clear Action®	Off
Reduce Noise	
Game Low Latency	Off
Film Mode	On
Gamma	2.1

### **Adjusting the Color Temperature**

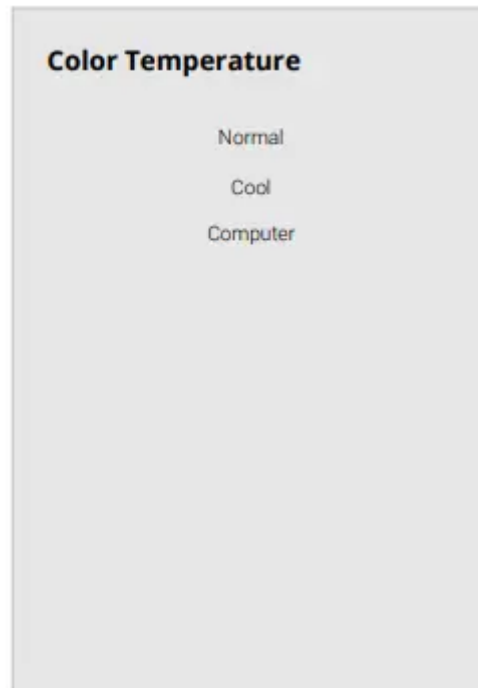
Adjusting the color temperature changes the white balance of the picture .

#### **To adjust the color temperature:**

Menu > Picture > More Picture > Color Temperature

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

- **Normal** — Optimized for television viewing .
- **Cool** — Produces a blue-hued picture .
- **Computer** — Optimizes the picture for use as a PC monitor .



### Adjusting the Picture Mode Edit Settings

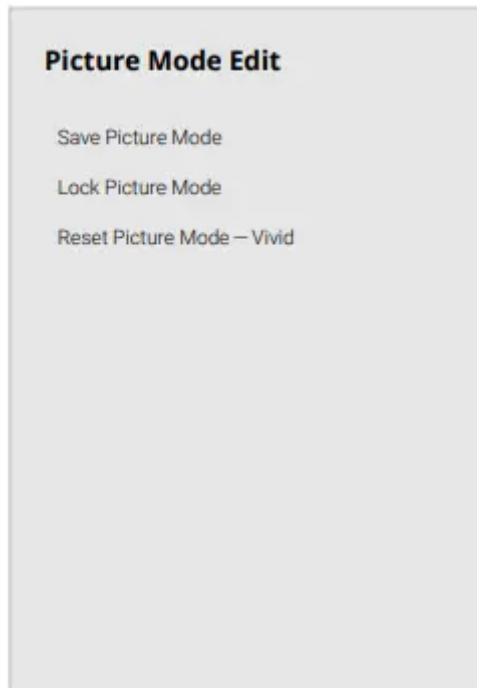
Picture Mode Edit Settings allow you to make precise adjustments to the picture .

#### To adjust the Picture Mode Edit settings:

Menu > Picture > Picture Mode Edit

Use the Arrow buttons to highlight the setting you wish to adjust, then press OK to change the setting:

- **Save Picture Mode**— Save a custom picture mode .
- **Lock Picture Mode**— Prevent changes to custom picture modes .
- **Reset Picture Mode**— Reset the picture mode settings to factory default values . Only available on customized preset modes



### **Saving a Custom Picture Mode**

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

#### **To save a custom picture mode:**

Menu > Picture > Picture Mode Edit > Save Picture Mode > Enter a Name > Save

- Changes made while on any preset picture mode will add an asterisk on the top right corner of the preset mode .
- The custom picture mode is not automatically saved



### **Locking/Unlocking a Custom Picture Mode**

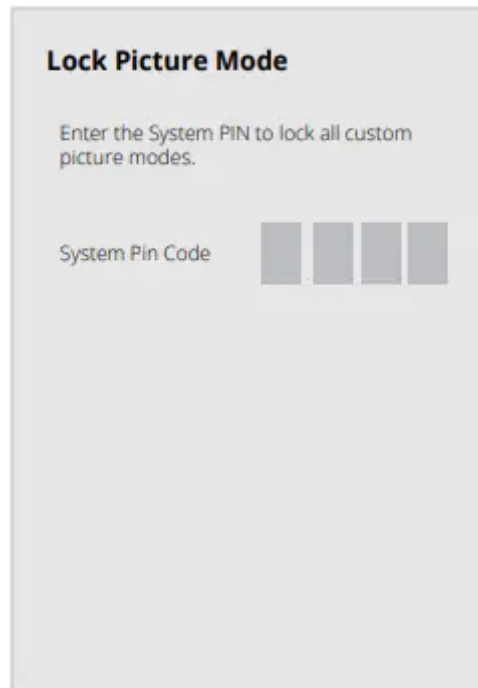
Custom picture modes can be locked/unlocked with a unique PIN to prevent accidental changes to their settings . If not previously set, you can set up your system PIN code here .

#### **To lock all custom picture modes:**

Menu > Picture > Picture Mode Edit > Lock Picture Mode > Enter Your PIN > Save

#### **To unlock all custom picture modes:**

Menu > Picture > Picture Mode Edit > Lock Picture Mode > Off > Enter Your PIN



**TIP:** To set a custom PIN passcode, see Setting a System PIN on page 33.

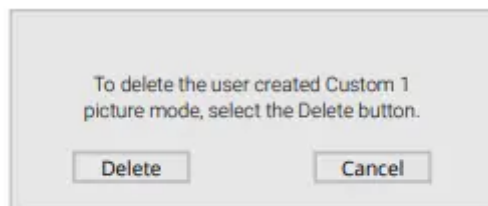
### **Deleting a Custom Picture Mode**

Custom picture modes that are no longer needed can be deleted .

**TIP:** Inputs assigned to a deleted custom picture mode become assigned to the Calibrated picture mode

#### **To delete a custom picture mode:**

Menu > Picture > Picture Mode Edit > Delete Picture Mode > Delete

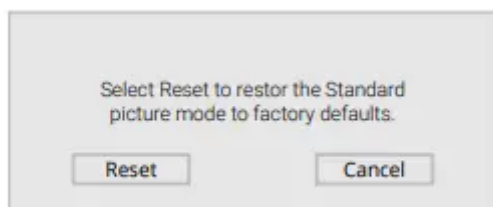


### **Resetting a Picture Mode**

A preset picture mode that has been edited can be restored to the factory default settings .

#### **To reset a customized preset picture mode:**

Menu > Picture > Picture Mode Edit > Reset Picture Mode > Reset



## Adjusting the Color Tuner Settings

The Color Tuner settings allow you to adjust the color management system, 2 point white balance, 11 point white balance, turn color channels off for testing, and display SMPTE, flat, ramp, and uniformity analyzer test patterns.

**WARNING:** The Color Tuner, 11 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 access the color tuner table:

Menu > Picture > Color Calibration > Color Tuner

### To turn color channels off and on:

1. Use the Arrow 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 16.

### 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 .

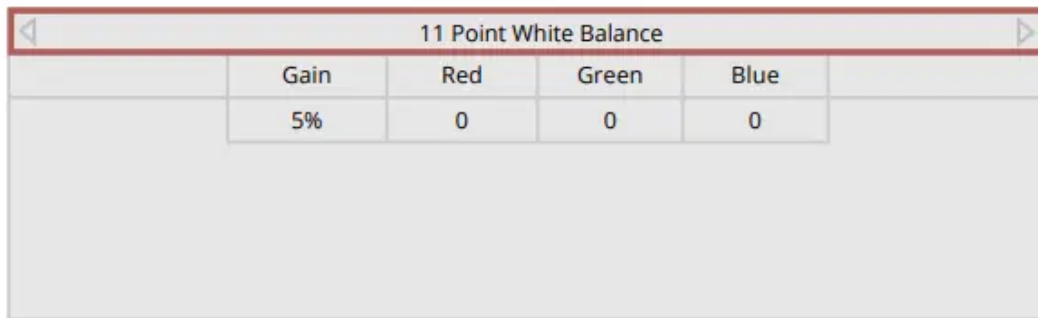
### To adjust the 11 Point White Balance settings:

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



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			

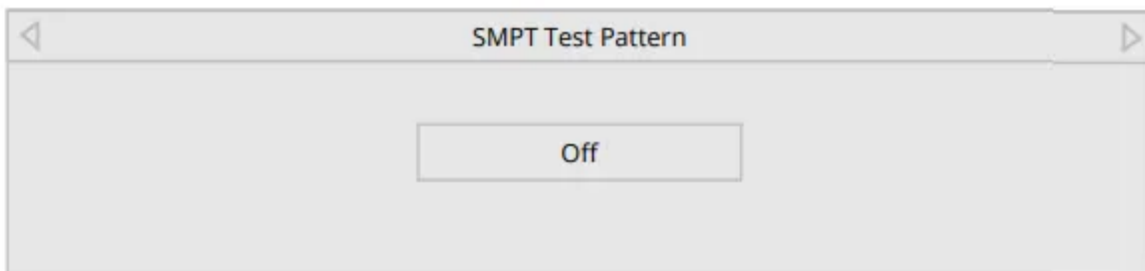
2. Use the Arrow buttons on the remote to highlight the Gain and Color values you wish to adjust . Press the OK button and use the Left/Right Arrow buttons to adjust the value. When you are finished, press the OK button to save the setting



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

### To show or hide the SMPTE Test Pattern:

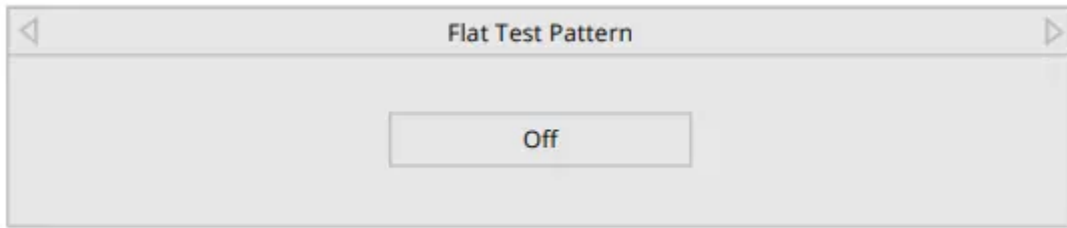
Menu > Picture > Color Calibration > Color Tuner > SMPTE Test Pattern



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



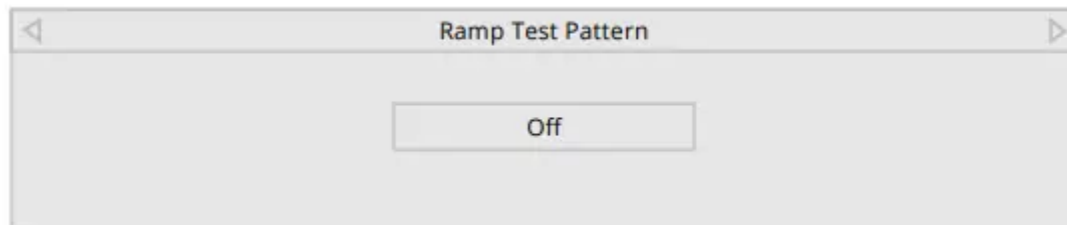
1. Use the Arrow buttons on the remote to highlight Off . Use the Left/Right Arrow buttons to select the percentage brightness for the flat test pattern. Selecting a percentage immediately shows the flat pattern at that brightness.

—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



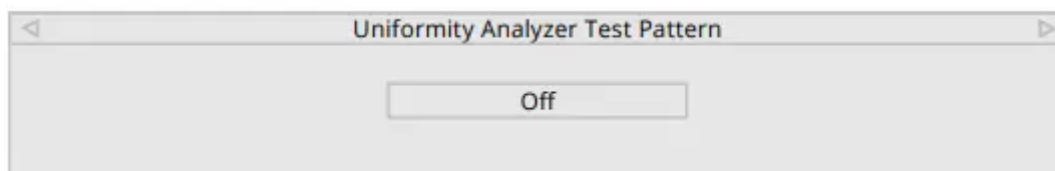
1. Use the Arrow buttons on the remote to highlight Off . Use the Left/Right Arrow buttons to select the color for the ramp test pattern . Selecting a color immediately shows that color ramp .

—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

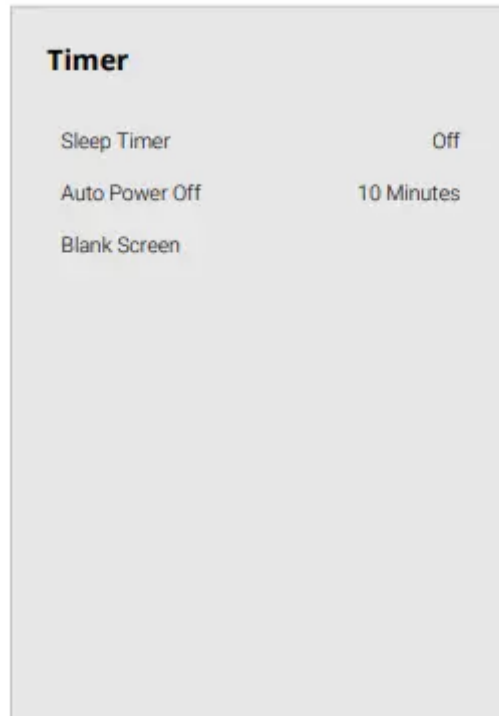
## SETTING TIMERS

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 > 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:

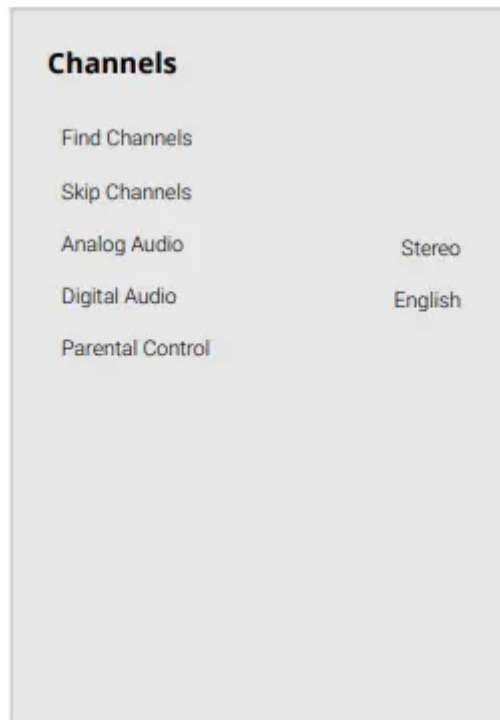
Menu > Timers > Blank Screen

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

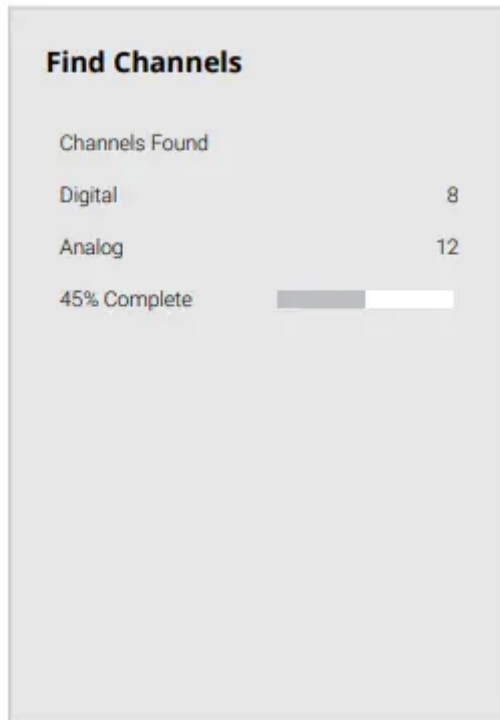
The TV may need to scan for channels before it can display programs and their associated information . A channel scan is required for free over-the-air channels (using an antenna) and cable channels from an out-of-the-wall connection (without a cable box). Moving the TV to an area with different channels 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 25.

#### 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

**Skip Channels**

0	Test 0	<input type="checkbox"/>
1	Test 1	<input type="checkbox"/>
2	Test 2	<input type="checkbox"/>
3	Test 3	<input type="checkbox"/>
4	Test 4	<input type="checkbox"/>

## 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



### Checking for System Updates

To check for a system update:

Menu > System > 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.

### Viewing System Information

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

Menu > System > System Information

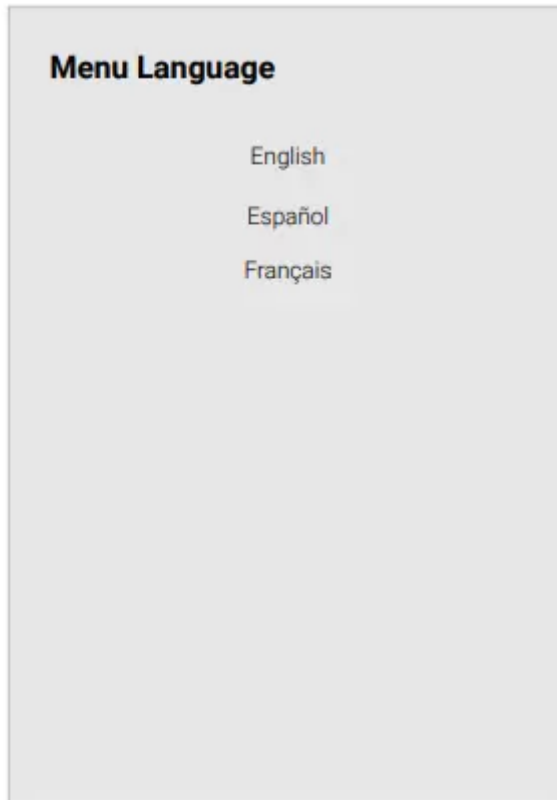
### Changing the On-Screen Menu Language

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 and Local Settings

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

Menu > System > Time & Local Settings > 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 .

### Adjusting the CEC Settings

The CEC function on your TV enables you to control devices connected to HDMI (ARC) input with the included remote, without any programming . Using CEC, your VIZIO TV remote can control:

- Power On/Off
- Volume
- Mute

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

#### To enable, disable, or adjust CEC settings:

Set up your audio device and connect it to the HDMI-1(HDMI Arc) input on the TV . On your audio device, select the HDMI ARC input .

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

### Adjusting the Power Mode

Your TV is set to Eco Mode by default. When the TV is powered off, the Eco Mode setting uses less than 0.5W of power . Quick Start Mode enables your display to power on faster and also to turn on when powered from another device (such as when you are casting onto the TV)

**WARNING:** Please note that by changing this setting the energy consumption required to operate this device will change .

### To switch between Eco Mode and Quick Start Mode:

Menu > System > Power Mode

Highlight either Eco Mode or Quick Start Mode and press OK .

### 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



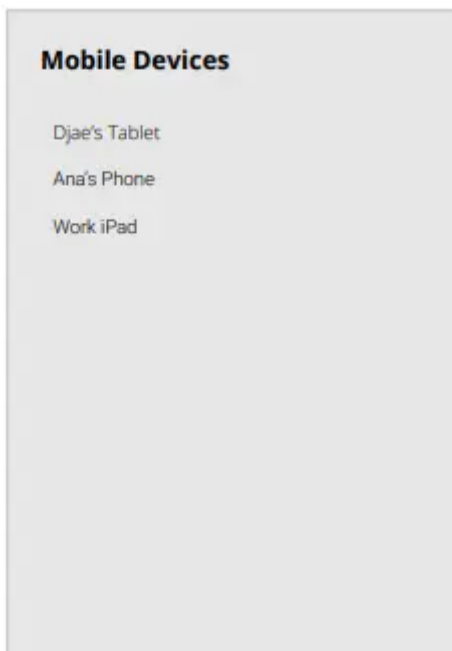
### Manging Mobile Devices

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



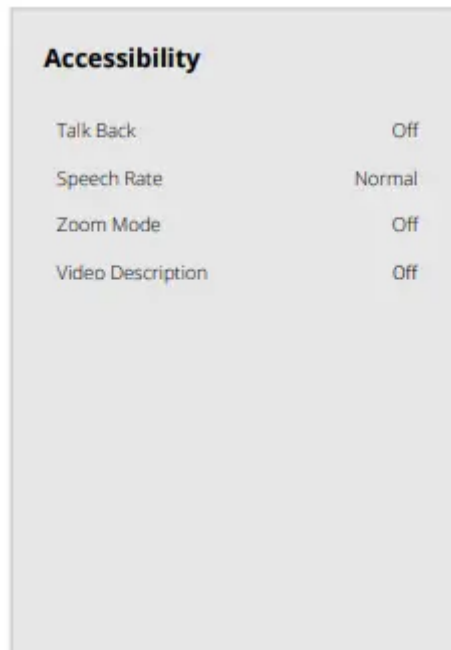
## Accessibility Settings

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 > System > Accessibility

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



**To access the Closed Caption menu:**

Menu > Closed Captions

**To access the Video Description menu:**

Menu > Channels > Digital Audio

**TIP:** You can also enable/disable accessibility features using the included remote . Please see Using the Remote on page 15.

## 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 23.

**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 15 .
- 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 20.

**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 15.
- 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 20.
- 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 to change the screen mode .

### **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 11 .

### **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 14 .

### **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

	M437-G0	M507-G1	M558-G1	M658-G1
<b>Size</b>	43"	50"	55"	65"
<b>Viewable Area</b>	42.5"	49.5"	54.5"	64.5"
<b>PRODUCT DIMENSIONS</b>				
<b>Dimensions w/ Stand</b>	38.03" x 26.08" x 8.77" (966 x 662.4 x 222.7 mm)	44.08" x 27.98" x 10.04" (1119.52 x 710.72 x 255 mm)	48.59" x 30.60" x 10.04" (1234.2 x 777.2 x 255 mm)	57.28" x 35.65" x 11.81" (1455 x 905.5 x 300 mm)
<b>Dimensions w/o Stand</b>	38.03" x 22.34" x 2.92" (966 x 567.4 x 74.2 mm)	44.08" x 25.58" x 2.84" (1119.52 x 649.72 x 72.25 mm)	48.59" x 28.28" x 2.85" (1234.2 x 718.4 x 72.3 mm)	57.28" x 33.09" x 2.84" (1455 x 840.5 x 72.25 mm)
<b>Weight w/ Stand</b>	17.42 lb (7.9 kg)	28.66 lb (13 kg)	36.38 lb (16.5 kg)	54.23 lb (24.6 kg)
<b>Weight w/o Stand</b>	16.9 lb (7.7 kg)	28.22 lb (12.8 kg)	35.94 lb (16.3 kg)	53.35 lb (24.2 kg)
<b>Mounting Screw Size</b>	M4	M6	M6	M6
<b>Hole Pattern</b>	200 mm x 200 mm	200 mm x 200 mm	300 mm x 200 mm	400 mm x 200 mm
<b>PICTURE QUALITY</b>				
<b>Maximum Resolution</b>	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
<b>LCD Backlight</b>	Full Array LED	Full Array LED	Full Array LED	Full Array LED
<b>Refresh Rate</b>	120 Hz (Effective Refresh Rate)	120 Hz (Effective Refresh Rate)	120 Hz (Effective Refresh Rate)	120 Hz (Effective Refresh Rate)
<b>Cinemawide® Black Bar Detection</b>	Yes	Yes	Yes	Yes
<b>INPUTS / OUTPUTS</b>				
<b>HDMI Inputs</b>	4	4	4	4
<b>Composite Video Inputs</b>	1	1	1	1
<b>Ethernet Input</b>	1	1	1	1
<b>RF Antenna Input</b>	1	1	1	1
<b>USB</b>	1	1	1	1
<b>Audio Output</b>	HDMI ARC, RCA, Digital Optical	HDMI ARC, RCA, Digital Optical	HDMI ARC, RCA, Digital Optical	HDMI ARC, RCA, Digital Optical
<b>OTHER</b>				
<b>Remote Control Model</b>	XRT136	XRT136	XRT136	XRT136
<b>Power Consumption</b>	130 W	130.86 W	161.03 W	192.18 W
<b>Standby Power</b>	<0.5W	<0.5W	<0.5W	<0.5W
<b>Voltage</b>	120V	120V	120V	120V
<b>OSD Language</b>	English, French, Spanish	English, French, Spanish	English, French, Spanish	English, French, Spanish
<b>Certification</b>	CSA, C-US, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio, Dolby Vision	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio, Dolby Vision	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio, Dolby Vision	UL, cUL, FCC Class B, BETS-7/ICES-003 Class B, IC, HDMI (CEC, ARC) Dolby Audio, Dolby Vision

## 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.