

# USER MANUAL TELEVISION

## Getting to Know Your TV

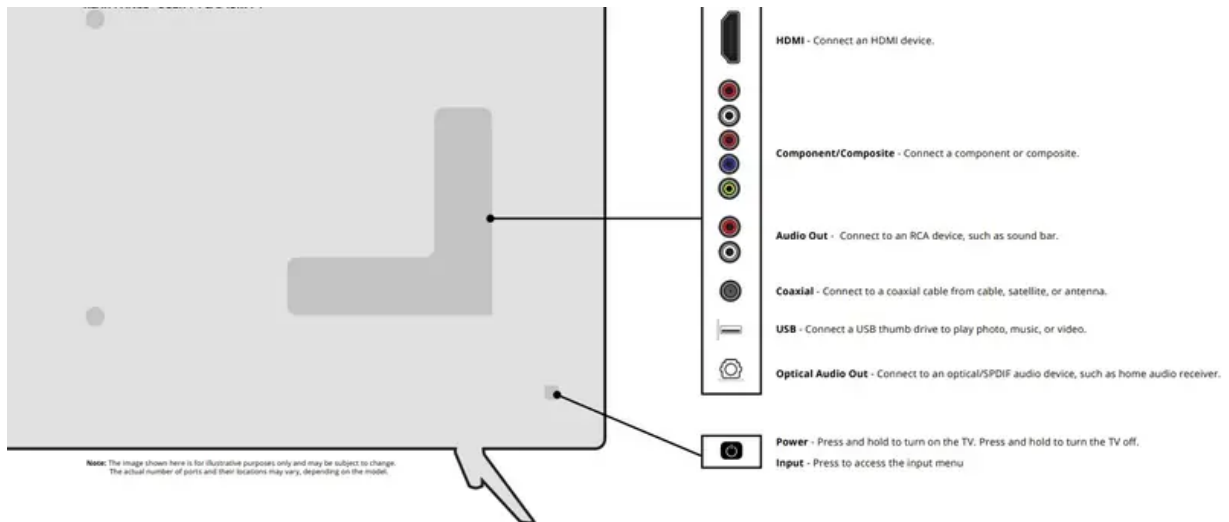
### FRONT PANEL



#### 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 as long as the TV is on, see Turning the Power Indicator On or Off.

### REAR PANEL

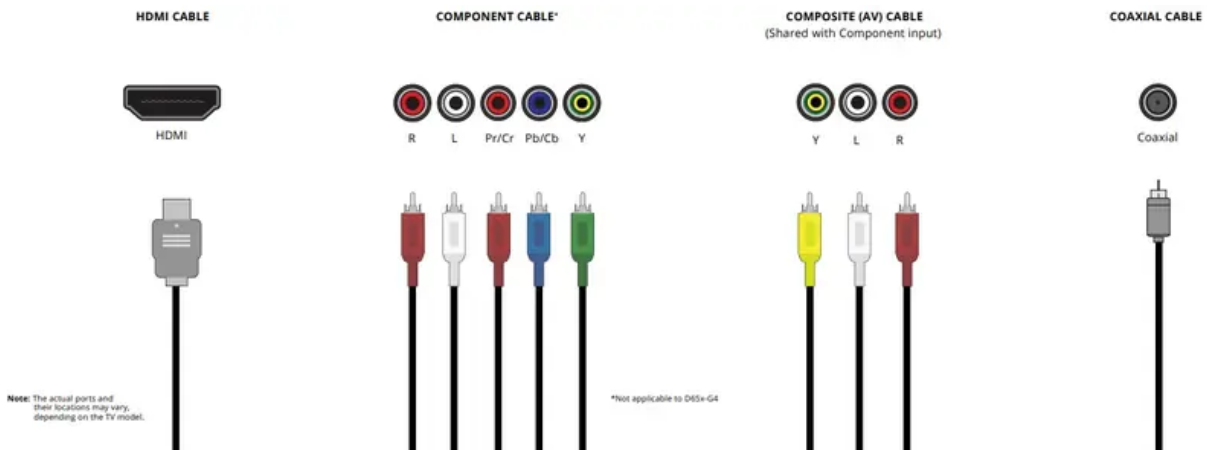


# Connecting Your Devices

## 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, Component, etc.).
2. Connect the appropriate cable (not included) to the TV and the device.
3. Turn the TV and your device on. Set the TV's input to match the connection you used (HDMI-1, HDMI-2, etc.).



## CONNECTING A DEVICE - AUDIO CABLE TYPES

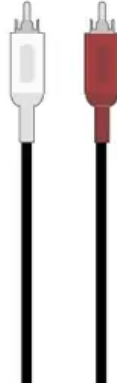
Your TV can be output sound to an audio device, such as a receiver or sound bar.

1. Verify that your device has 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



#### RCA CABLE



#### OPTICAL/SPDIF CABLE

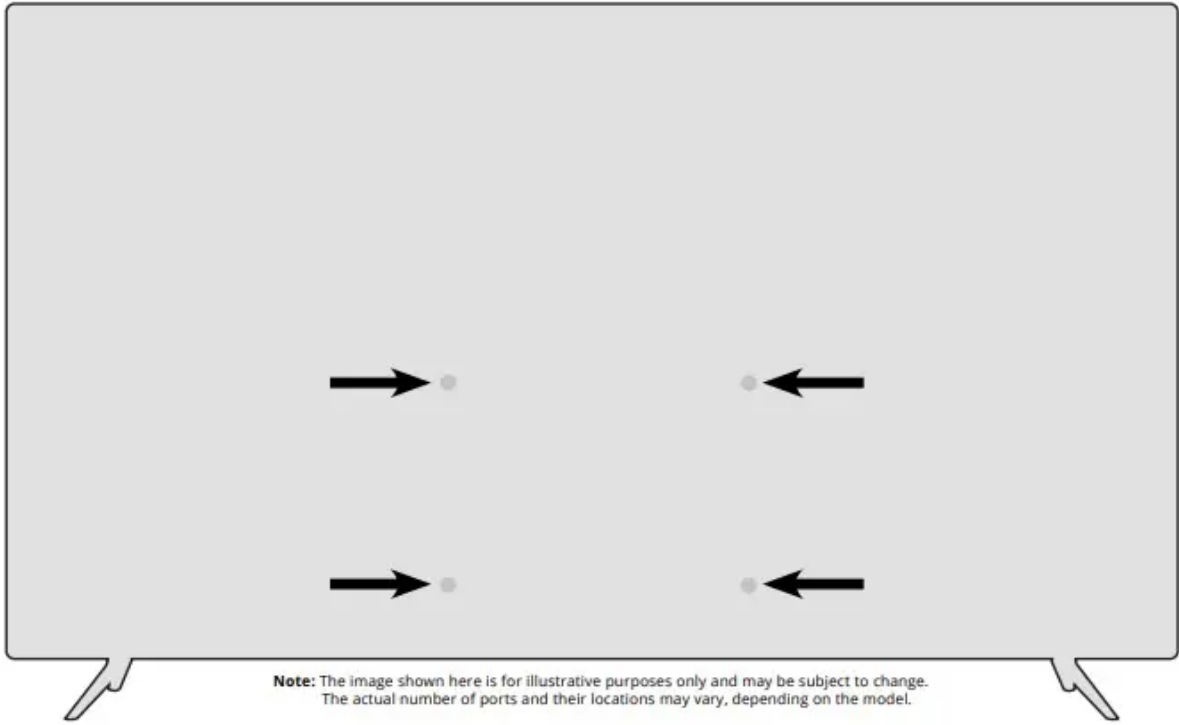


## WALL-MOUNTING THE TV

- To mount your TV on a wall, you will need a wall mount. Consult the information on this page to find the appropriate mount for your TV.
- Be sure the mount you choose is capable of supporting the weight of the TV. After you have determined that you have the correct mount for your TV, you can begin the installation.

To install your TV on a wall:

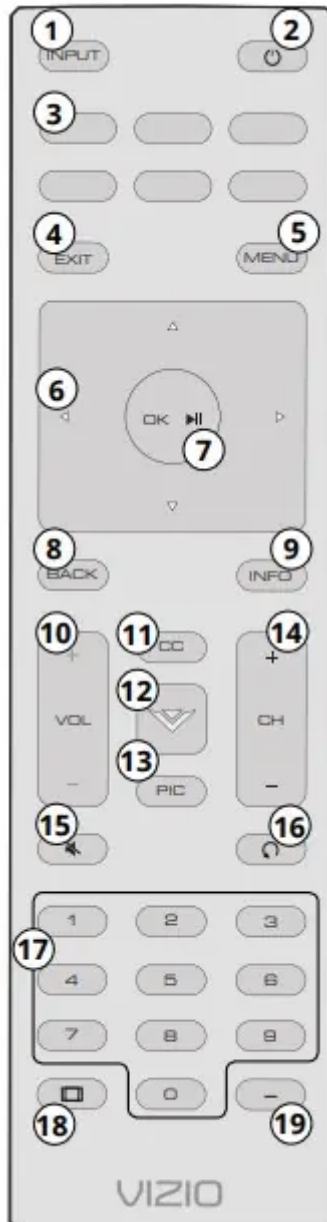
1. Disconnect any cables connected to your TV.
2. Place the TV face-down on a clean, flat, stable surface. Be sure the surface is clear of debris that can scratch or damage the TV.
3. If attached, remove the stands by loosening and removing the screws.
4. Attach your TV and wall mount to the wall, carefully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



	D32h-F4	D43fx-F4	D65x-G4
Screw Size:	M4	M4	M6
Hole Depth:	10 mm	10 mm	10 mm
Hole Pattern:	100 mm x 100 mm	200mm x 200mm	400mm x 200mm
Weight w/o Stand:	9.92 lbs (4.50 kg)	17.19 lb (7.80 kg)	38.25 lbs (17.35 kg)



## USING THE REMOTE

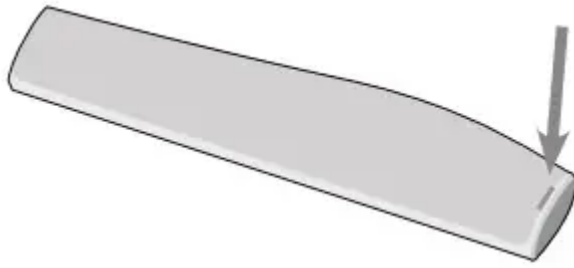


1. Input - Change the currently displayed input
2. Power - Turn Television on or off
3. App Launcher - Quickly launch the pictured app
4. Exit - Close the on-screen menu
5. Menu - Display the settings menu
6. Arrow - Navigate the on-screen menus
7. OK/Play/Pause - Select the highlighted menu option and play or pause content
8. Back - Go to the previous on-screen menu
9. Info - Display the info window
10. Volume Up/Down - Increase or decrease the loudness of the audio

11. Closed Caption - Open the closed caption menu
12. V Button - Launch SmartCast TV/Return to SmartCast TV Home Screen
13. Pic - Cycle through the different picture setting modes
14. Channel Up/Down- Change the channel
15. Mute - Turn the audio on or off
16. Last - Return to the channel last viewed
17. Number Pad - Manually enter a channel
18. Wide - Change the Television mode
19. Dash - Use with number pad to manually enter a digital sub-channel. (For example, 18-4 or 18-5)

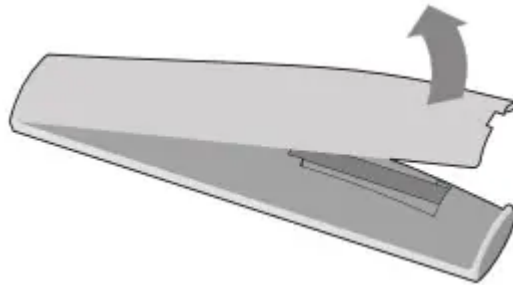
### Replacing the Batteries

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.

## Completing The First-Time Setup

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: Before you begin the first-time setup:

- Your TV should be installed and the power cord should be connected to an electrical outlet.

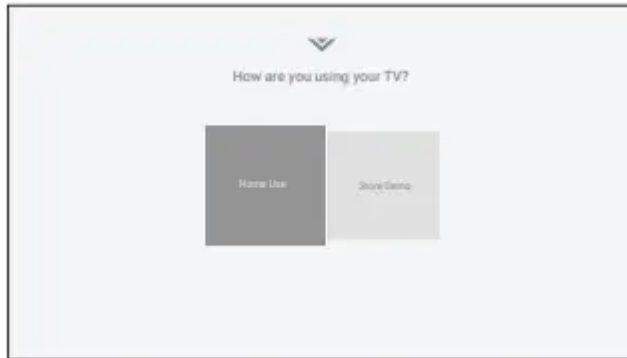
- If you have a wireless network, have the network password ready.

1.



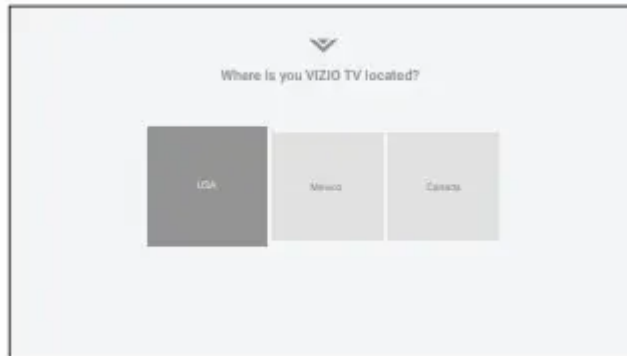
Choose your language.

2.



Choose home use.

3.

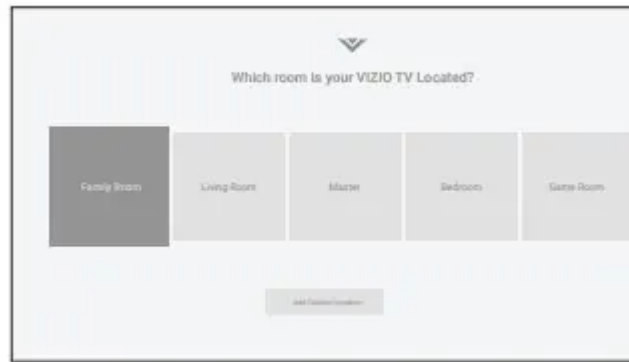


Choose your country.

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



5.



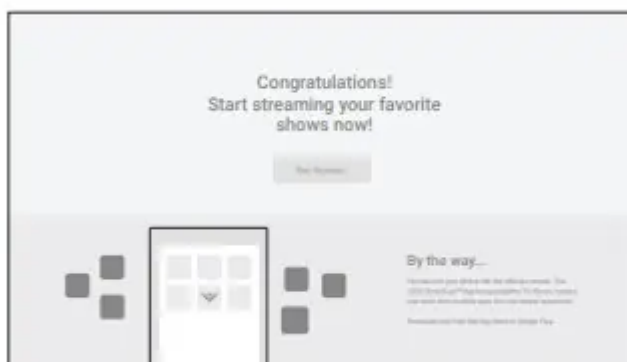
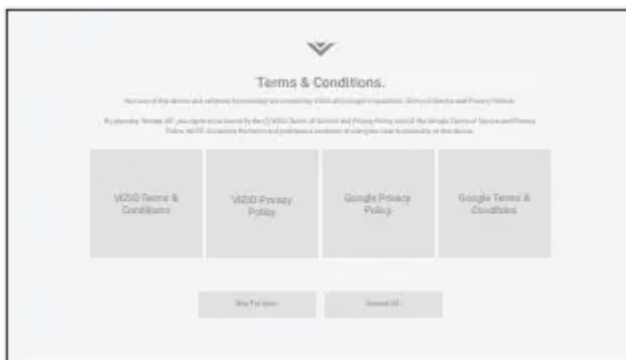
Name your TV.

6.



Scan for channels.

7. Accept the T&Cs and register your device.



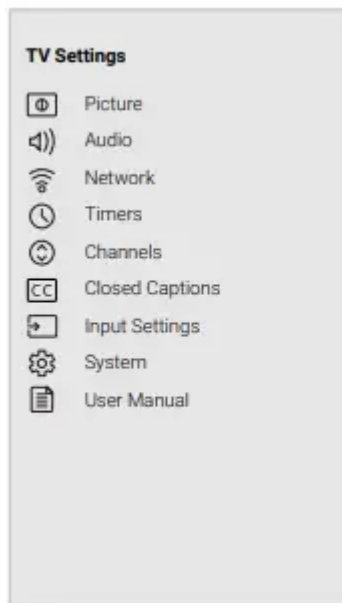
All set!

## 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

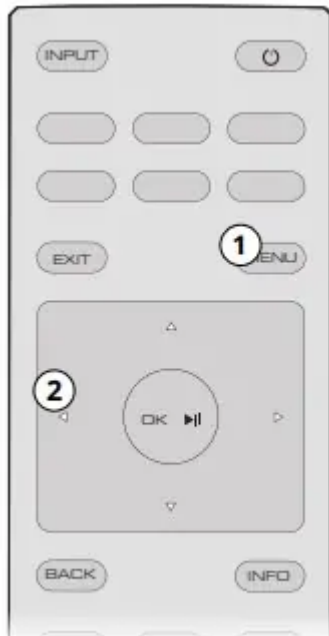
- Adjust the Audio settings
- Adjust the Network settings
- Set up the Timers
- Adjust the Channel settings
- Set up Closed Captioning
- Name and adjust Inputs
- Adjust TV settings
- View user manual



## NAVIGATING THE ON-SCREEN MENU

To open the on-screen menu:

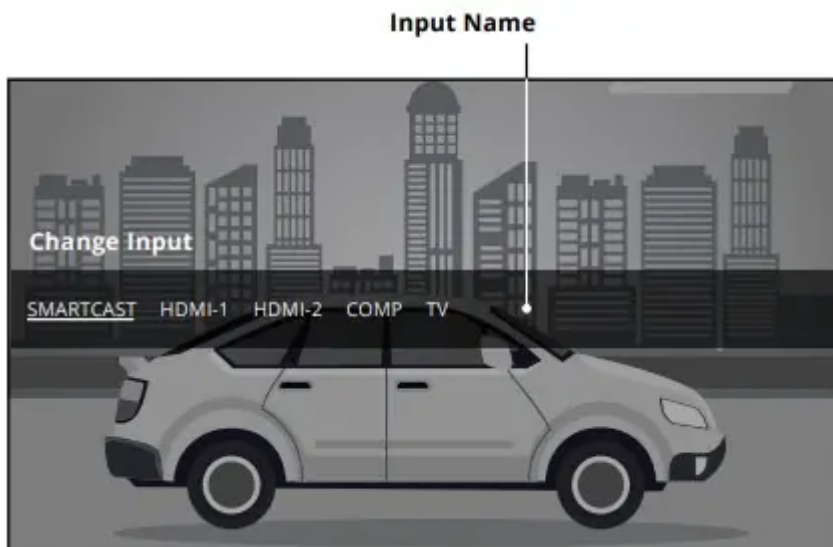
1. Press the Menu button on the remote.
2. Use the Arrow buttons to highlight a menu option, and press the OK button to select that option.



## 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 Right/Left Arrow buttons or the Input button on the remote to highlight the input you wish to view and press OK. The selected input is displayed.



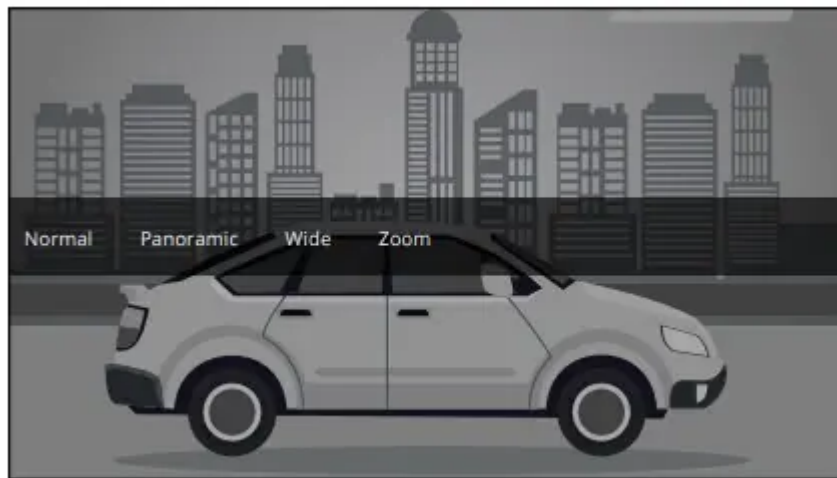
## CHANGING THE SCREEN ASPECT RATIO

The TV can display images in four different modes: Normal, Panoramic, Wide, and Zoom. Each mode displays the picture differently.

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

To change the screen aspect ratio:

1. Press the Wide button on the remote.
2. Use the Arrow buttons to highlight the aspect ratio you wish to view and press OK.
  - Normal preserves the content's original aspect ratio and size.
  - Panoramic stretches a 4:3 aspect ratio picture to the left and right edges of the screen. The center of the image is not stretched, but the sides of the image are extremely stretched. If you are watching widescreen (1.85:1 or 2.35:1) content with black bars on the top and bottom, the black bars will still appear on the top and bottom of the display image.
  - Wide stretches a 4:3 aspect ratio picture to the edges of the screen. Since the picture is being stretched, the display image may appear distorted—figures appear short and fat. If the program is already formatted for widescreen viewing (1.85:1 or 2.35:1), then black bars will appear on the top and bottom of the display image.
  - Zoom expands images evenly in all directions (33% taller and 33% wider) with black bars to fit the screen. A 720p image will fill a 1080p screen.



## ADJUSTING THE PICTURE SETTINGS

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

To adjust the picture settings:

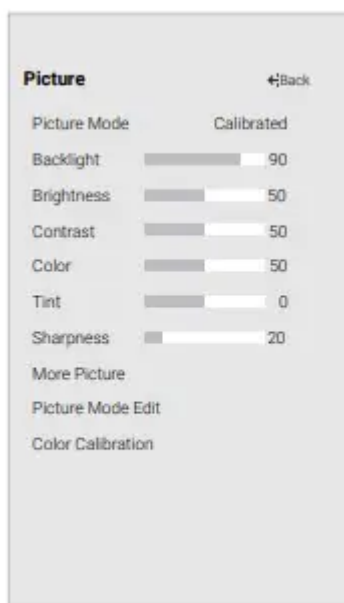
1. Press the Menu button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight Picture and press OK. The Picture menu is displayed.

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

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

4. 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:

1. From the PICTURE menu, use the Arrow buttons to highlight More Picture, and then press OK.
2. 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 - See Adjusting the Color Temperature.
  - Black Detail - Adjusts the average brightness of the picture to compensate for large areas of brightness. Select Off, Low, Medium, or High.
  - Reduce Noise - Reduce Signal Noise - Diminishes artifacts in the image caused by the digitizing of image motion content. Select Off, Low, Medium, or High. - Reduce Block Noise - Reduces pixelation and distortion for mpeg files. Select Off, Low, Medium, or High.
  - Game Low Latency - Select On to reduce video delay (lag) when gaming.
  - Film Mode - Optimizes the picture for watching film. Select Auto 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.

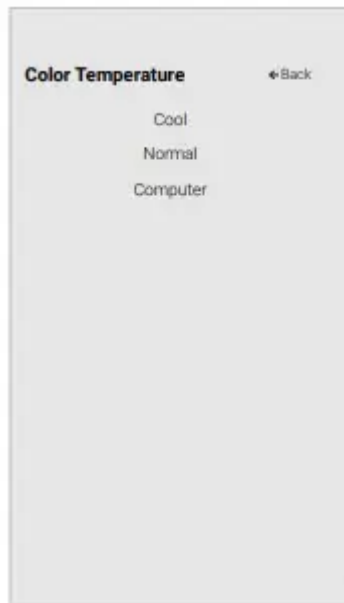


3. When you have finished adjusting More Picture Settings, press the Exit button on the remote.

#### *Adjusting the Color Temperature*

Adjusting the color temperature changes the white balance of the picture. To adjust the color temperature:

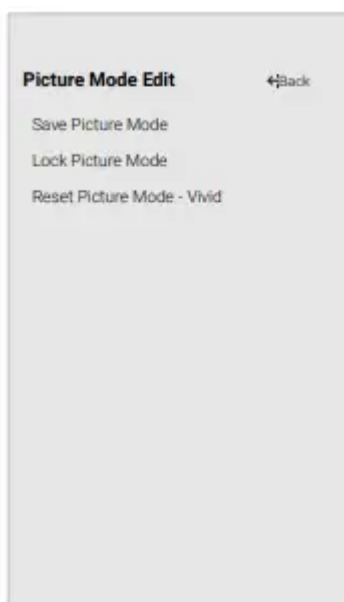
1. From the MORE PICTURE menu, use the Arrow buttons to highlight Color Temperature, and then press OK.
2. Use the Arrow buttons on the remote to highlight a color temperature preset and then press OK.
  - Cool produces a blue-hued picture.
  - Normal is optimized for television viewing.
  - Computer optimizes the picture for use as a PC monitor.
3. When you have finished adjusting the color temperature, press the Exit button on the remote.



### *Adjusting the Picture Mode Edit Settings*

Picture Mode Edit Settings allow you to make precise adjustments to the picture and to create picture modes to save groups of picture settings. To adjust the Picture Mode Edit settings:

1. From the PICTURE menu, use the Arrow buttons to highlight Picture Mode Edit, and then press OK. The PICTURE MODE EDIT menu is displayed.
2. 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. Choose between On or Off.
  - Reset Picture Mode - Reset the picture mode settings to factory default values.



### *Saving a Custom Picture Mode*

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

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

To save a custom picture mode:

1. From the PICTURE MODE EDIT menu, use the Arrow buttons to highlight Save Picture Mode, and then press OK. The SAVE PICTURE MODE menu is displayed.
2. Use either on-screen keyboard to enter a name for your custom picture mode.
3. Highlight Save and press OK.
4. Press the Exit button to exit the menu screens.



## **ADJUSTING THE NETWORK SETTINGS**

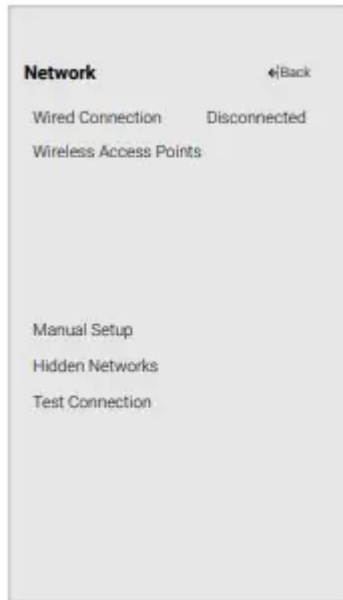
Your TV is Internet-ready, featuring built-in high-speed Wireless-N.

### *Connecting to a Wireless Network*

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

1. Press the Menu button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight Network and press OK. The NETWORK menu is displayed.
3. If you do not see your wireless network displayed, highlight More Access Points and press OK. The WIRELESS ACCESS POINTS menu, which is a list of available wireless networks, is displayed.

4. Highlight the name of your wireless network (this is the network's SSID) and press OK.
5. Using the on-screen keyboard, enter your network's password, then highlight Connect and press OK.
6. Press the Exit button on the remote.

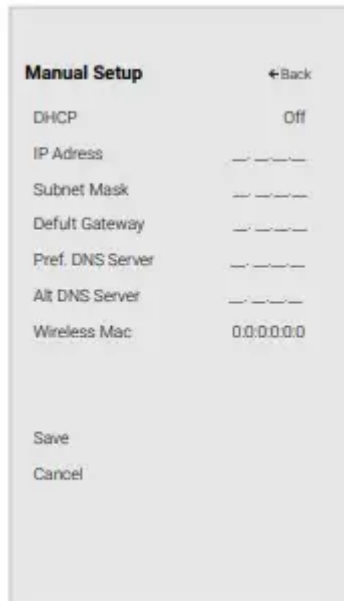


### *Changing the Manual Setup Settings*

Advanced users can fine-tune the network settings using the Manual Setup feature.

To change advanced network settings:

1. From the NETWORK menu, highlight Manual Setup and press OK. The MANUAL SETUP menu is displayed.
2. To change the settings manually, use the Arrow buttons on the remote to highlight DHCP and then use the Left/Right Arrow buttons to change the setting to Off.
3. Use the Arrow and OK buttons to adjust each setting:
  - IP Address - The IP address assigned to the TV.
  - Subnet Mask - The subnet Exit 2D
  - Default Gateway - Your network's default gateway address.
  - Pref. DNS Server - Your preferred domain name server address.
  - Alt. DNS Server - Your alternate domain name server address.
4. Use the Arrow buttons on the remote to highlight Save and press OK.
5. Press the Exit button on the remote.



### *Finding MAC Addresses for Network Setup*

The security settings on your router may require you to enter the TV's MAC address in the router's settings. To find the TV's MAC address:

1. From the NETWORK menu, highlight Manual Setup and press OK. The MANUAL SETUP menu is displayed.
2. Find the MAC address for the TV at the bottom of the list. The MAC addresses for the connections in use are displayed:
  - Wireless MAC - The Wireless (WiFi) MAC address may be needed to connect your TV to your network with WiFi.

### *Connecting to a Hidden Network*

To connect to a wireless network whose network name (SSID) is not being broadcast:

1. From the NETWORK menu, highlight Hidden Network and press OK. The ENTER ACCESS POINT NAME screen is displayed.
2. Using the on-screen keyboard, enter your network's name (SSID), then highlight Connect and press OK.
3. Using the on-screen keyboard, enter your network's password, then highlight Connect and press OK.
4. Press the Exit button on the remote.



### *Testing Your Network Connection*

To test your network connection:

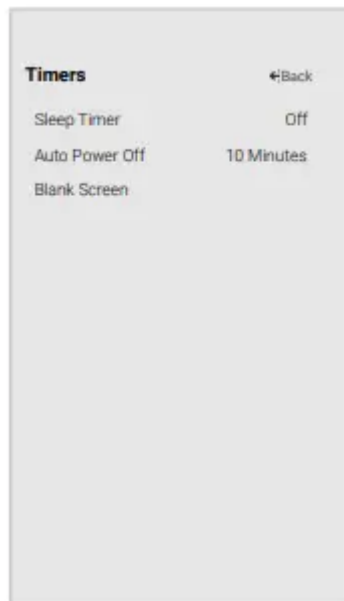
1. From the NETWORK menu, highlight Test Connection and press OK.
2. The TEST CONNECTION screen displays the connection method, network name, signal strength, and download speed of your network connection.
3. Press the Exit button on the remote.

## **SETTING TIMERS**

### *Setting the Timer*

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

1. Press the Menu button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight Timers and press OK. The TIMERS menu is displayed.
3. 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.
4. When you have finished setting the sleep timer, press the Exit button on the remote.



### *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:

1. From the TIMERS menu, use the Up/Down Arrow buttons on the remote to highlight Auto Power Off.
2. Use the Left/Right Arrow buttons on the remote to change whether the TV will turn off. If you don't want the TV to turn off when there is no signal, change the setting to Off. Otherwise, select 10 minutes.
3. When you have finished setting the auto power off time, press the Exit button on the remote.

### *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:

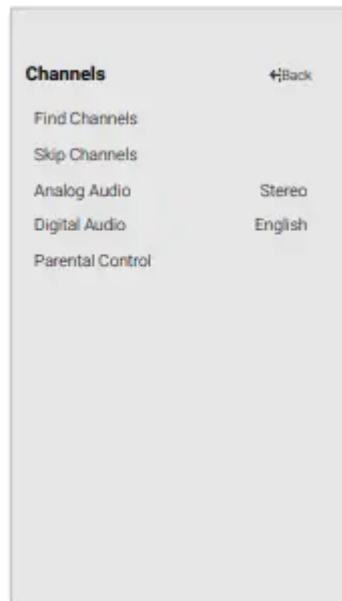
1. From the TIMERS menu, use the Up/Down Arrow buttons on the remote to highlight Blank Screen.
2. Press the OK button to immediately blank the screen.
3. To exit Blank Screen, press any key

## **SETTING UP CHANNELS**

You can use the TV's Channels menu to:

- Find Channels
- Select channels to skip

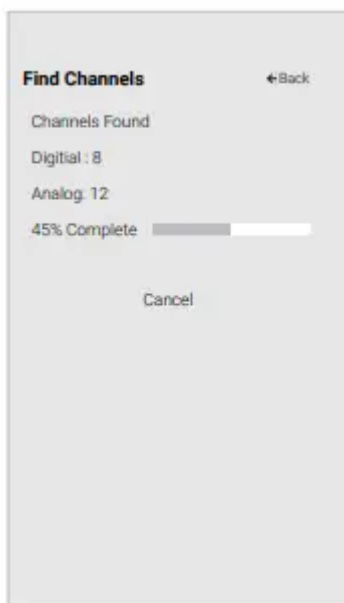
- Select Analog Audio mode
- Select the language for Digital Audio
- Set Parental Controls



### *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 outof-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:

1. From the CHANNELS menu, highlight Find Channels, and press OK. The auto channel scan begins.
2. Wait until the channel scan is 100% complete. Highlight Done and press OK.
3. Press the Exit button on the remote.



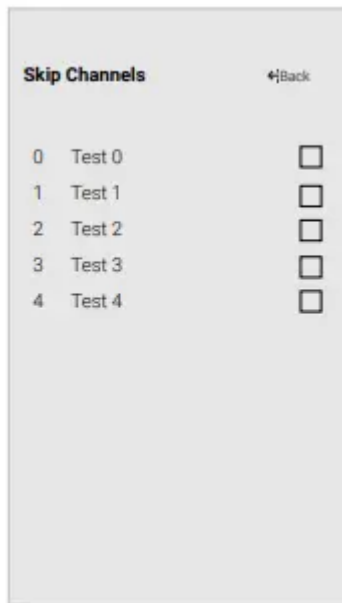
If the channel scan is canceled, the channels that were already discovered are retained. A new channel scan will clear all channels.

### *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.

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.
3. When you have selected all of the channels you wish to remove, press the Exit button on the remote.



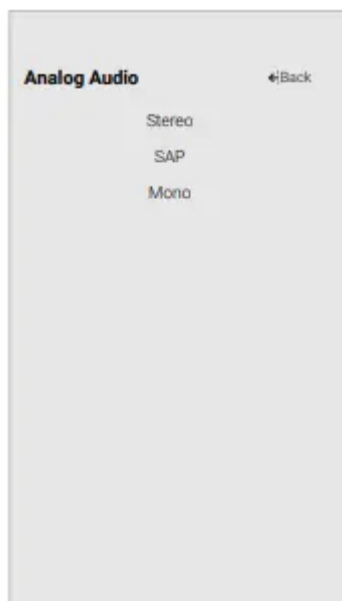
## LISTENING TO ALTERNATE AUDIO

### *Changing the Analog Audio Language*

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

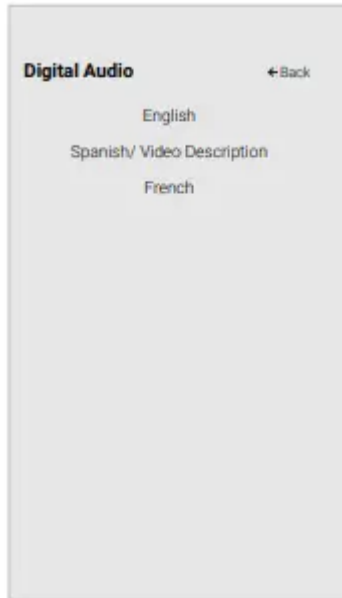
To use the Analog Audio feature:

1. From the Channels menu, highlight Analog Audio and press OK. The Analog Audio menu is displayed.
2. Select Stereo, SAP (secondary audio programming), or Mono. Press OK.
3. Press the Exit button on the remote.



To use the Digital Language feature:

1. From the CHANNELS menu, highlight Digital Audio and press OK. The DIGITAL LANGUAGE menu is displayed.
2. Select your preferred language: English, Spanish/Video Description, French. Press OK.
3. Press the Exit button on the remote.



## USING PARENTAL CONTROLS

The TV's parental controls allow you to prevent the TV from displaying certain channels or programs without a password.

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.

### *Accessing the Parental Controls Menu*

To access the PARENTAL CONTROLS menu:

1. Press the Menu button on the remote. The on-screen menu is
2. displayed.
3. Use the Arrow buttons on the remote to highlight Channels and
4. press OK. The CHANNELS menu is displayed.
5. Use the Arrow buttons on the remote to highlight Parental Controls and press OK.
6. Enter your set System PIN.

### *Enabling or Disabling Program Ratings*

To manage program content according to its rating, you must enable the Program Rating feature. To enable or disable the Program Rating feature:

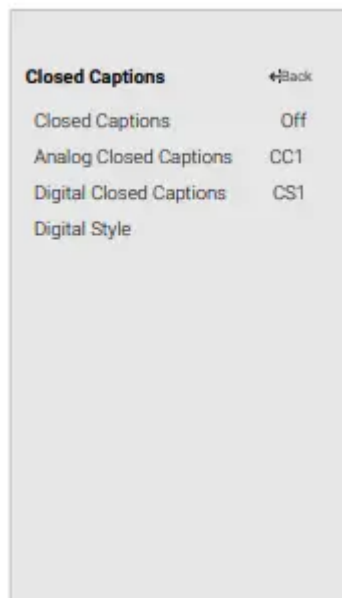
1. From the PARENTAL CONTROLS menu, highlight Locks and press OK. The LOCKS menu is displayed.
2. Select On or Off and press OK.

## **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:

1. Press the Menu button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight Closed Captions and press OK. The CLOSED CAPTIONS menu is displayed.
3. Use the Arrow buttons on the remote to highlight Closed Captions and then use the Left/Right Arrow buttons to select On or Off.
4. Use the Arrow buttons on the remote to highlight either Analog or Digital Closed Captions .
5. Use the Left/Right Arrow buttons on the remote to select the caption channel you wish to display, then press Exit .



### *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:

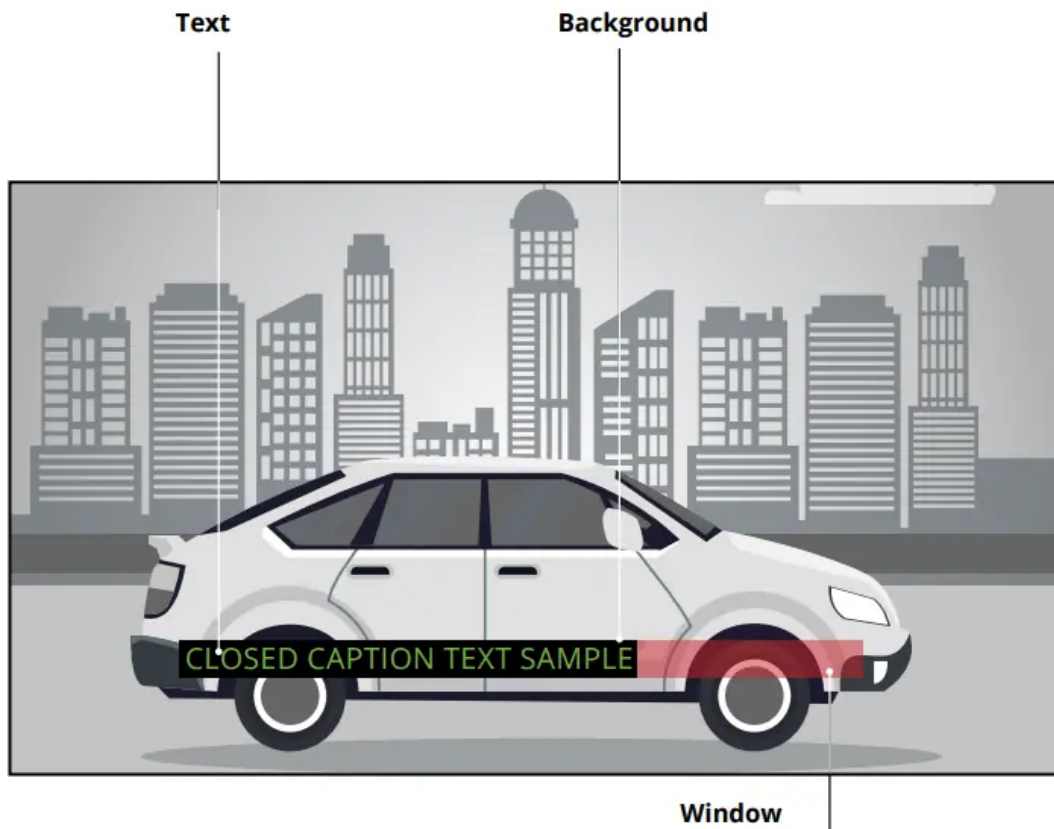
1. From the CLOSED CAPTIONs menu, use the Arrow buttons to highlight Digital Style and press OK .
2. Use the Left/Right Arrow buttons on the remote to select Custom. The DIGITAL STYLE menu appears as shown.
3. Use the Up/Down Arrow buttons on the remote to highlight the setting you wish to change, then 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.
4. When you are satisfied with the appearance of the closed captions, press the Exit button on the remote.

Digital Style		← Back
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	

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.

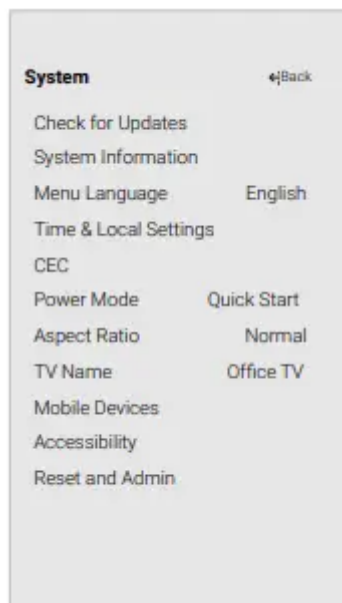
In the example, the closed caption text is green, the background is black, and the window is red.



## 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 & setup administrative controls



### *Checking for System Updates*

To check for a system update:

1. Press the Menu button on the remote. The on-screen Menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The SYSTEM menu is displayed.
3. Use the Arrow buttons on the remote to highlight Check for Updates and press OK. The TV will begin to check for updates.
4. If an update is found, the TV will ask to confirm the update. If no update is found, the screen will note No Update Available.

### *Viewing System Information*

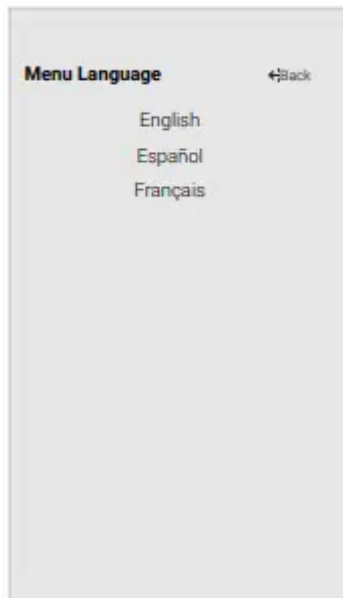
To view technical data and status information about your TV and network connection:

1. Press the Menu button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The SYSTEM menu is displayed.
3. Highlight System Information and press OK.
4. Use the Up/Down Arrow buttons to scroll through the system information.
5. When you are finished reviewing the system information, press the Exit button on the remote.

### *Changing the On-Screen Menu Language*

Your TV can display the on-screen menu in different languages. To change the on-screen menu language:

1. Press the Menu button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The SYSTEM menu is displayed.
3. Use the Arrow buttons on the remote to highlight Menu Language and press OK. The MENU LANGUAGE menu is displayed.
4. Highlight your preferred language (English, Español, or Français) and press OK.
5. Press the Exit button on the remote.

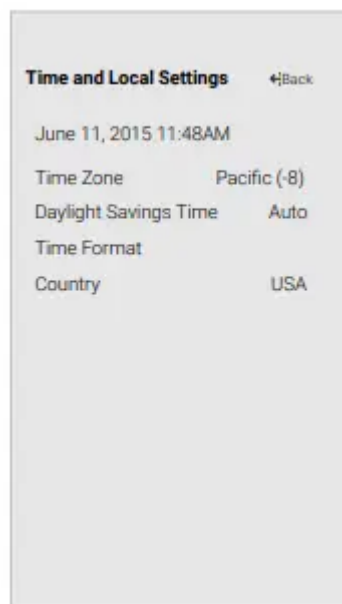


### *Setting the Time and Local Settings*

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

1. Press the Menu button on the remote. The on-screen menu is displayed.

2. Use the Arrow buttons on the remote to highlight System and press OK. The SYSTEM menu is displayed.
3. Use the Arrow buttons on the remote to highlight Time & Local Settings and press OK. The menu headed by the local date and time is displayed.
4. Highlight Time Zone and press OK. The TIME ZONE menu is displayed.
5. Highlight your time zone and press OK.
6. Highlight Daylight Saving Time and press OK. The DAYLIGHT SAVING TIME menu is displayed. 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.
7. Press the Exit button on the remote.



### *Adjusting the Power Mode*

Your TV is set to Eco Mode by default. When the TV is powered off, Eco Mode setting uses less than 0.5W of power. Quick Start Mode enables your Display to power on faster.

To switch between Eco Mode and Quick Start Mode:

1. Press the Menu button on the remote. The on-screen Menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The SYSTEM Menu is displayed.
3. Use the Arrow buttons on the remote to highlight Power Mode and press OK. The Power Mode Menu is displayed.
4. Highlight either Eco Mode or Quick Start Mode and press OK to select.

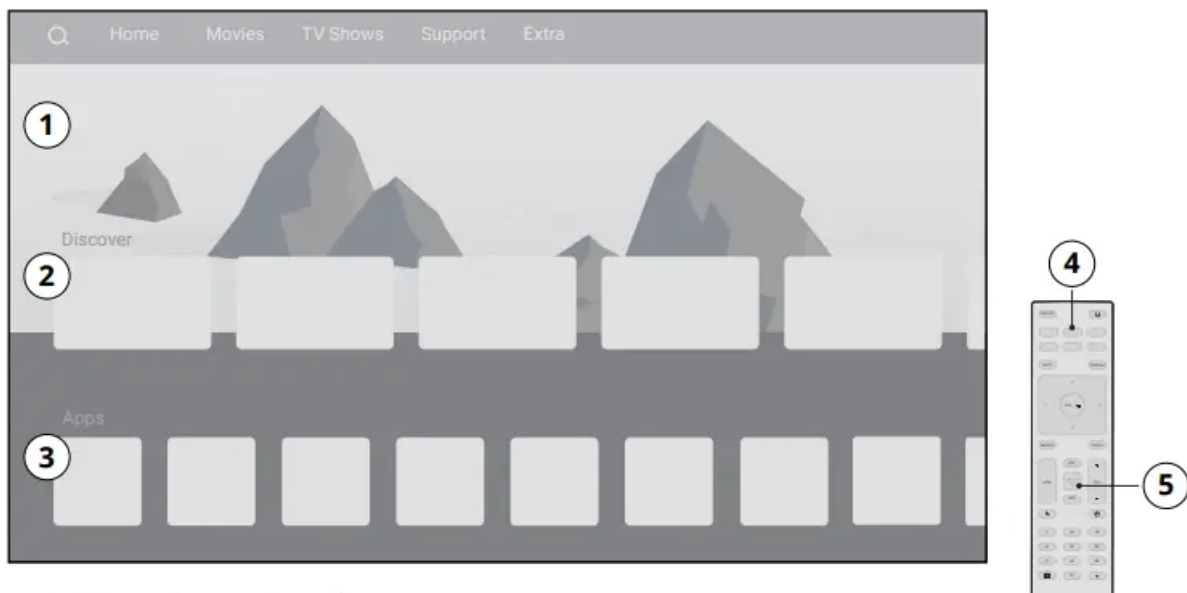
## **SmartCast TV**

What is SmartCast TV?

SmartCast TV lets you discover, stream, and control your content like never before. Access top apps like Netflix more easily, using the included remote to browse and launch content directly from the big screen. SmartCast TV makes finding something to watch more fun - discover new shows and movies. Plus, you can quickly set up and adjust settings right on the TV using the included remote control.

What can you do with SmartCast TV:

- Browse and launch top tier apps directly from the big screen using the included remote.
- Stream content directly from the home screen with a single button press.
- Stream high quality entertainment.
- Initiate a stream with the included IR remote, pause with mobile app, continue controlling with voice via Google Home.



1. Marquee Content Carousel
2. Discover - New or popular content across multiple apps
3. Streaming Apps
4. Quick Access to Popular Apps
5. V-Key - Launch SmartCast TV with one click

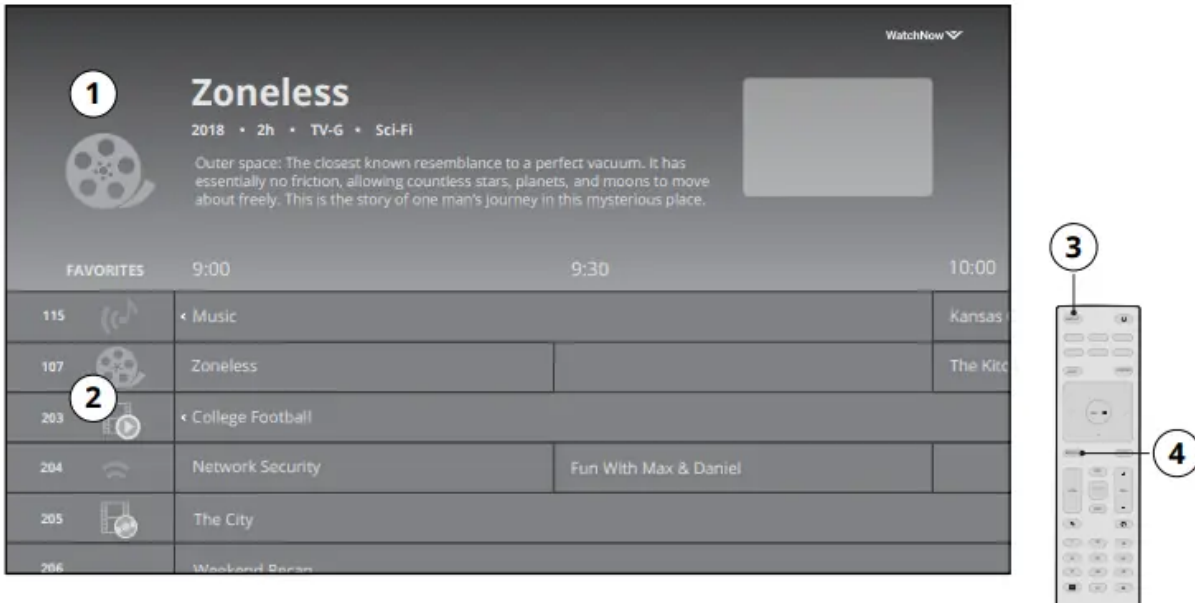
## WatchFree

What is WatchFree?

VIZIO WatchFree™ takes your cord-cutting entertainment experience one step further! With the simple press of a button, enjoy free streaming TV with over 100 channels to choose from – live news, movies, sports, comedy, music and more. A built-in on-screen guide makes finding something to watch easier than ever. And it's all FREE – no fees, no subscriptions, or logins.

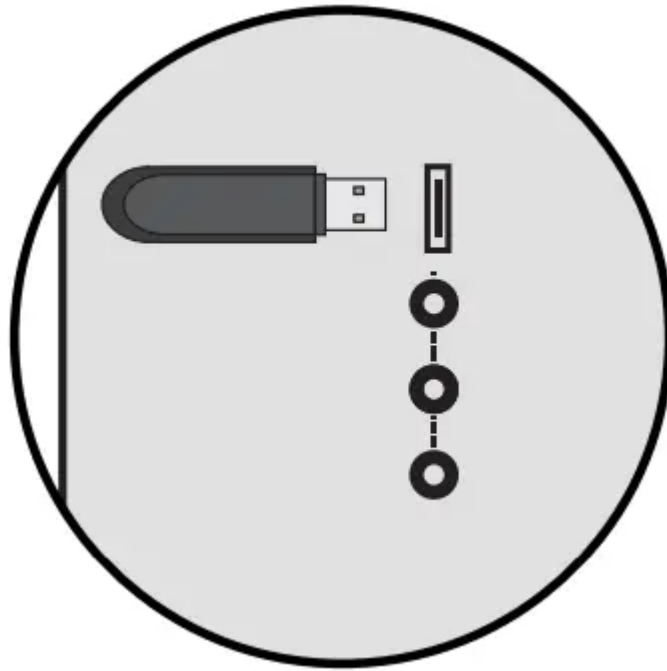
What can you do with WatchFree:

- Stream over 100 channels absolutely free – live new, movies, sports, comedy, music and more
- Navigate through content with an intuitive on-screen guide
- Watch 1000's of free movies from major studios
- Watch the best of the internet TV
- No logins, subscriptions or transactions fees



1. Channel Guide
2. On-Screen Guide - Over 100 video and audio channels
3. Input Button- Press input and select WatchFree
4. Back Button - Press the Back button to return to the WatchFree on-screen guide

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



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

#### *Preparing Your USB Drive to Play USB Media*

To display USB media, you must first save your videos onto a USB thumb drive:

- The USB thumb drive must be formatted as FAT32.
- Files on the USB thumb 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 thumb drive to the USB port on the side of the TV.
2. The TV will recognize the USB stick. Use the Arrow Keys on the remote to select the content you'd like to play.

-OR-

3. Select USB from the bottom streaming icons on the SmartCast Homepage.

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

To safely remove your USB drive from the TV:

4. Turn off the TV.
5. Disconnect your USB thumb drive from the USB port on the side of the TV.

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

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

**Progress Bar**  
displays the duration of the currently-playing song. The blue 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.

**Connected Sources**  
displays connected USB devices.

**Current Folder**  
My Music

**Playback Controls**  
Use to control audio playback. Highlight Play/Pause, Previous, or Next and press **OK**.

**Toggle Music/Photos**  
Browse Photos

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

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

#	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

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

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

**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

#	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

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

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

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

**Connected Sources**  
displays connected USB devices.

**Current Folder**  
root

**Start Fullscreen Slideshow**  
Start Slideshow

**Sort by Date or File Name**  
Sort: Name A-Z

**View Thumbnails/Folders**  
View: Thumbnails

**Adjust Slideshow Settings**  
Settings

**View Music Files**  
Browse Music

**File Name:** D:1920x1080

**Resolution:** 1920x1080

**Size:** 1607270KB

**Photo Information**  
displays the name, resolution, and file size of the selected photo.

**Back Button**  
Highlight and press **OK** to return to left column.

**Current Folder**  
Displays the folder path.

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

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



# Troubleshooting & Technical Support

## 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

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.
- 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

There is no sound.

- Press Volume Up on the remote control.
- Press the MUTE button on the remote to ensure mute is off.
- Check the audio settings.
- Check the audio connections of external devices (Blu-ray player, game console, cable/satellite box) that are connected to the TV.
- If you are using an antenna, the signal strength of the channel may be low. Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

The colors on the TV don't look right.

- Adjust the Color and Tint settings in the Picture menu. See [Adjusting the Picture Settings](#).
- Select a pre-set picture mode. See [Adjusting the Picture Settings](#). 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 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](#).

The TV image does not cover the entire screen.

- If you are using TV, AV, or Component with 480i input, press the button on the remote 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.

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.

How do I download the VIZIO SmartCast™ 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™ 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™ App is installed on your phone or tablet. Open the VIZIO SmartCast™ 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 IR remote, press the Menu button then go to Network → Select your Wi-Fi name → Enter password.
- Open the VIZIO SmartCast™ 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 stream apps like Netflix and Youtube to my VIZIO SmartCast™ TV?

- Download and open a Chromecast-enabled apps on your mobile device, such as like Netflix or Youtube. Then tap the Cast button.

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 to connecto to the.

# Specifications

	D32h-F4	D43fx-F4	D65x-G4
Size	32"	43"	65"
Viewable Area	31.5"	42.5"	64.5"
<b>MOUNTING</b>			
Dimensions w/ Stand	28.73" x 19.06" x 7.87" (72.97 x 48.41 x 19.99 cm)	38.11" x 24.49" x 8.66" (96.80 x 62.20 x 22.00 cm)	57.33" x 35.50" x 11.61" (145.62 x 90.17 x 29.49 cm)
Dimensions w/o Stand	28.73" x 17.10" x 2.91" (72.9 x 43.43 x 7.39 cm)	38.11" x 22.28" x 2.76" (96.80 x 56.59 x 7.01 cm)	57.37" x 32.80" x 2.89" (145.72 x 83.31 x 7.34 cm)
Weight w/ Stand	10.36 lbs (4.70 kg)	17.64 lbs (7.92 kg)	38.80 lbs (17.60 kg)
Weight w/o Stand	9.92 lbs (4.50 kg)	17.19 lb (7.80 kg)	38.25 lbs (17.35 kg)
Mounting Screw Size	M4	M4	M6
Hole Pattern	100 mm x 100 mm	200 mm x 200 mm	400 mm x 200 mm
<b>PICTURE QUALITY</b>			
Maximum Resolution	HD - 1366 x 768	FHD - 1920 x 1080	3840 x 2160 (UHD)
LCD Backlight	Full Array LED	Full Array LED	Full Array LED
Refresh Rate	60Hz	60Hz	60Hz
Dynamic Contrast Ratio	200k:1	200k:1	200k:1
<b>INPUTS / OUTPUTS</b>			
HDMI Inputs	2	3	3
Component Video Inputs	1	1	0
Ethernet Input	0	0	1
RF Antenna Input	1	1	1
USB	1	1	1
Audio Output	HDMI ARC, RCA, Digital Optical	HDMI ARC, RCA, Digital Optical	HDMI ARC, RCA, Digital Optical
<b>OTHER</b>			
Remote Control Model	XRT136	XRT136	XRT136
Power Consumption	38.83 W	53.06W	122.56W
Standby Power	<0.5 W	<0.5W	<0.5W
Voltage	110 V	110 V	110 V
OSD Language	English, French, Spanish	English, French, Spanish	English, French, Spanish
Certification	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.

