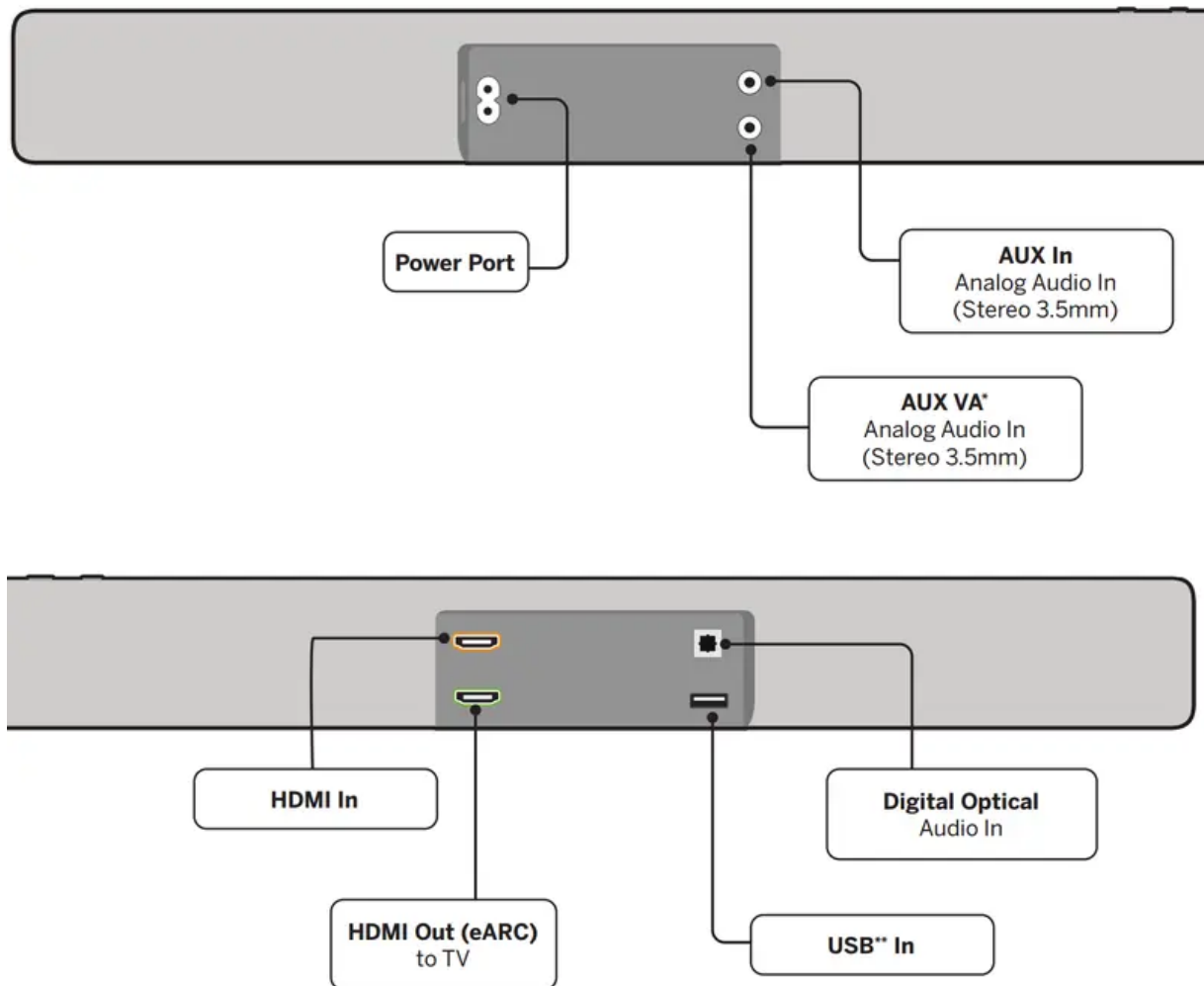
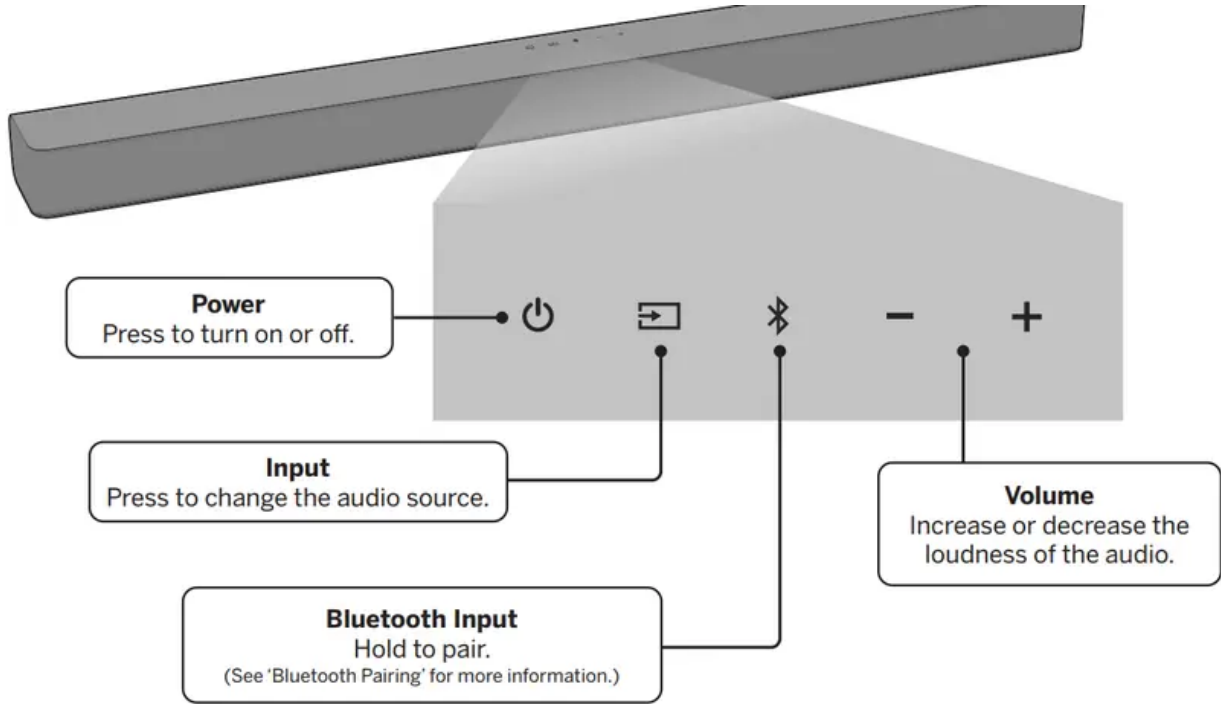


## Controls & Connections

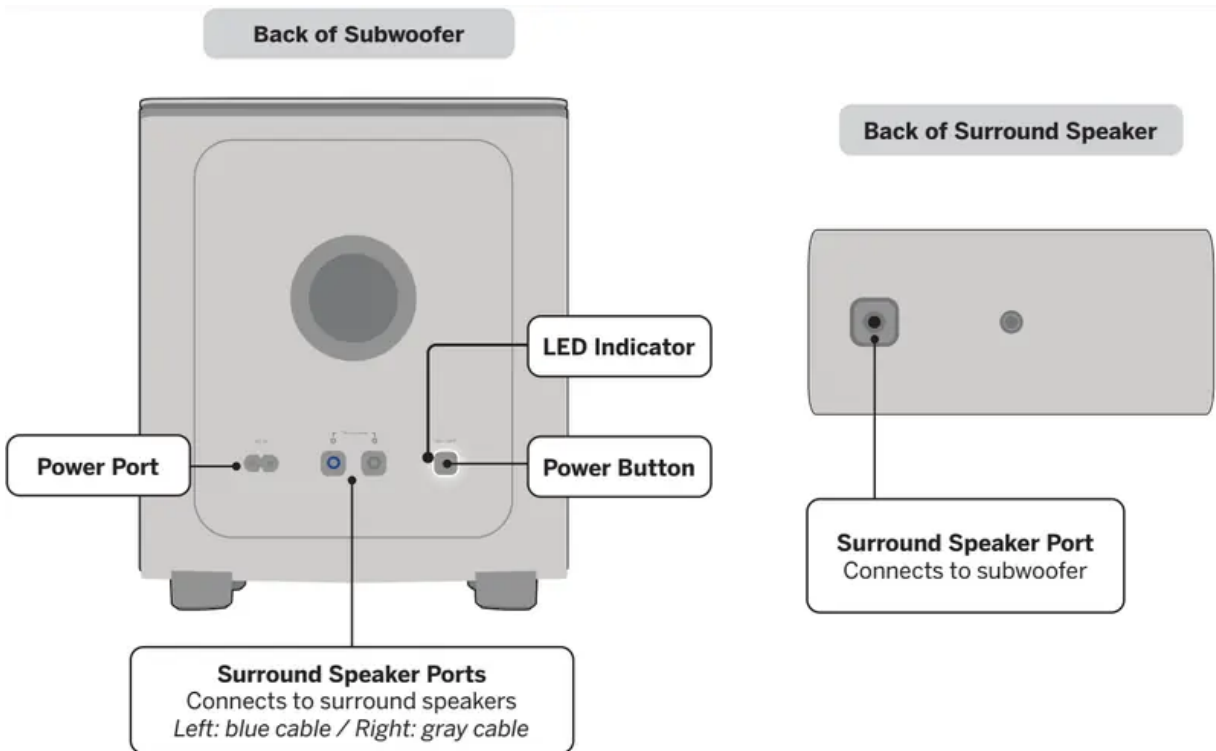
### Back of Sound Bar



## Top of Sound Bar

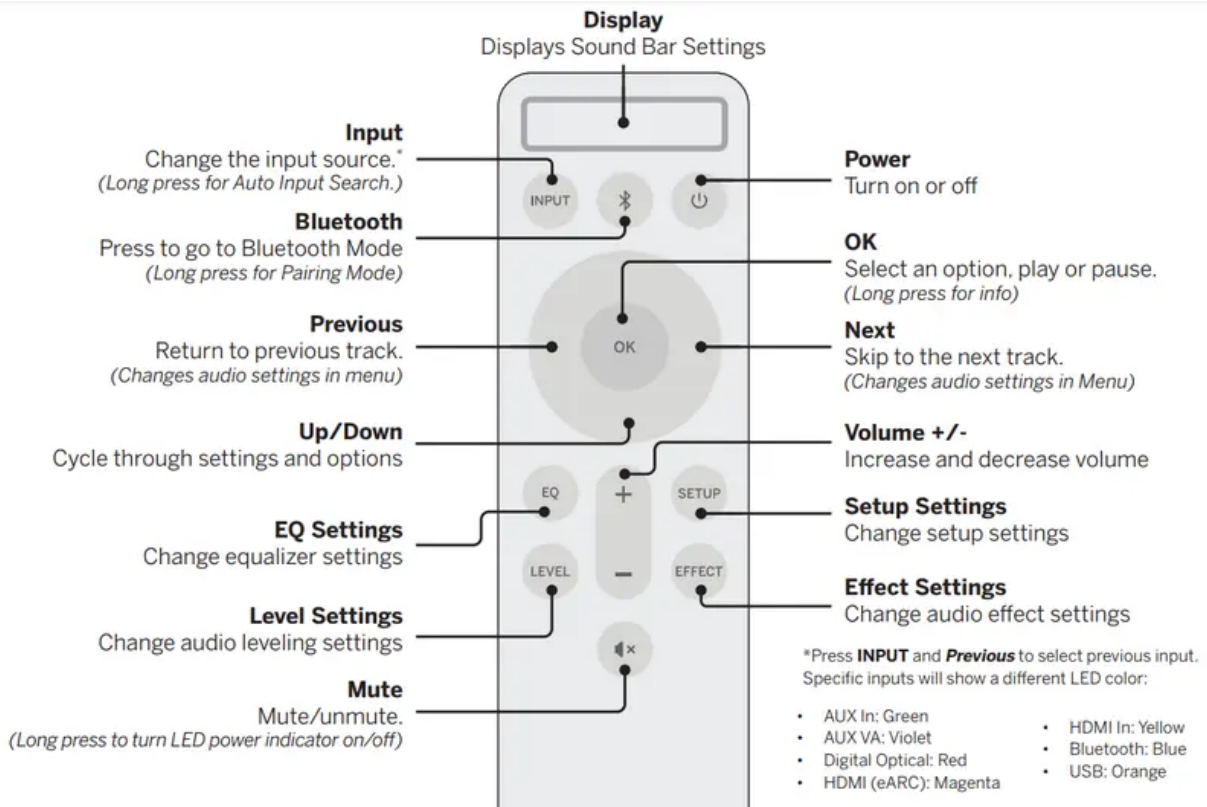


## Using the Remote



## Proper Placement

For the best surround sound experience, position the sound bar, subwoofer, and surround sound speakers as shown. The sound bar should be close to ear level.

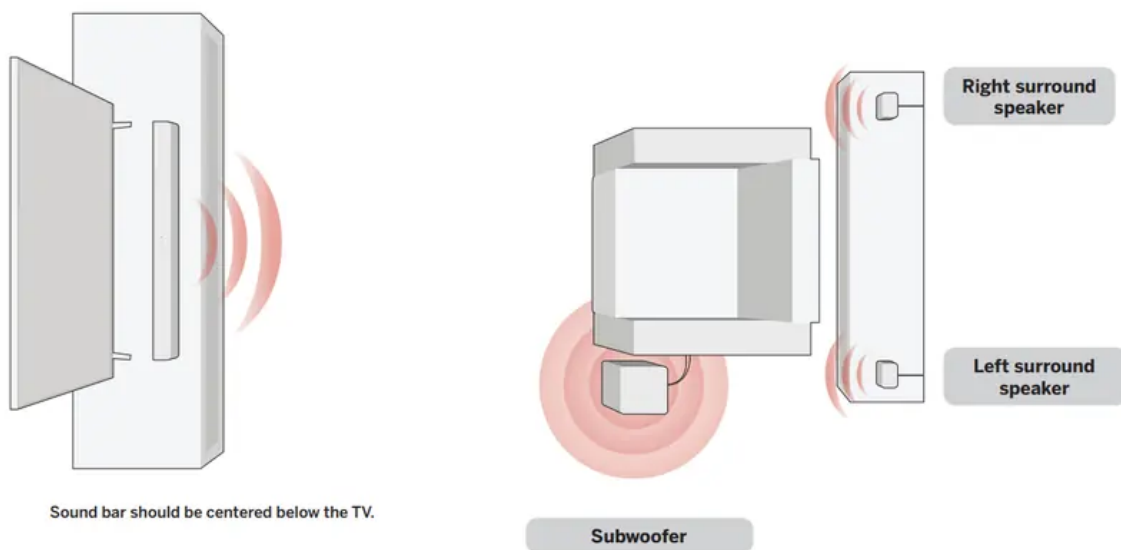


**Note:** Do not block the subwoofer port.

### Proper Placement —Front Surround Mode

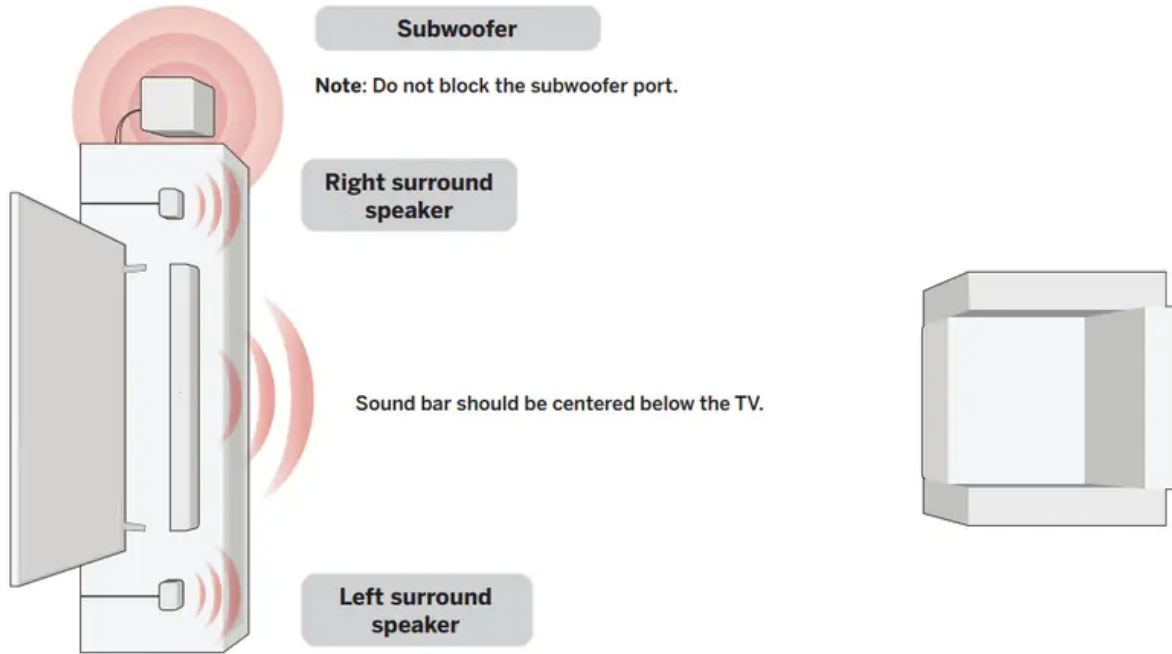
In rooms where ideal placement of the surround sound speakers is not practical, you can also place the sound bar, subwoofer, and surround sound speakers as shown below. Front Surround Mode will utilize DTS Virtual:X to produce a virtual surround sound experience.

To use this placement, please refer to the Surround Sound mode setting



## Mode & Level Settings

Press each setting button and use the Up/Down buttons to access the different settings. Each setting will be displayed on the remote control's LCD display. The LED indicators will behave differently with each function.



Function	LED Behavior	Description
<b>Equalizer Mode</b> EQ	Movie    Music    Direct    Game	Press the <b>EQ</b> button and use the <b>Up/Down</b> buttons to toggle between preset equalizer settings: Movie, Music, Direct, and Game. <b>Note:</b> Movie mode is on by default.
<b>Bass Level</b> Bass	Two center LEDs indicate bass level 0.	<b>LEVEL &gt; Bass &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the bass level. The LED indicators will move to the top with increasing level and to the bottom with decreasing level.
<b>Treble Level</b> Treble	Two center LEDs indicate treble level 0.	<b>LEVEL &gt; Treble &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the treble level. The LED indicators will move to the top with increasing level and to the bottom with decreasing level.
<b>Dialogue Level</b> Dialogue	LED at the bottom indicates dialogue level 0.	<b>LEVEL &gt; Dialogue &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the dialogue level. The LED indicators will move to the top with increasing level and to the bottom with decreasing level.
<b>Center Level</b> Center	Two center LEDs indicate center level 0.	<b>LEVEL &gt; Center &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the presence of dialog in the center channel. The LED indicators will move to the top when the dialogue presence is increased and to the bottom when the dialog presence is decreased.
<b>Subwoofer Level</b> Subwoofer	Two center LEDs indicate subwoofer level is 0.	<b>LEVEL &gt; Subwoofer &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the level of the subwoofer. The LED indicators will move to the top with increasing level and to the bottom with decreasing level. <b>Note:</b> Decreasing the level to the minimum turns off the subwoofer.

Function	LED Behavior	Description
<b>Surround Level</b> Surr Lvl	Two center LEDs indicate surround level 0.	<b>LEVEL &gt; Surr Lvl &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the surround sound level. The LED indicators will move to the top with increasing level and to the bottom with decreasing level. <b>Note:</b> Surround must be ON to adjust the surround level.
<b>Surround Balance</b> Surr Bal	Two center LEDs indicate surround balance is centered.	<b>LEVEL &gt; Surr Bal &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the surround balance level on each side. The LED indicators will move to the top with balance levels to the right and down with balance levels to the left.
<b>Info</b> Info	—	<b>SETUP &gt; Info &gt; OK</b> to have the sound bar verbally announce the current sound bar input and audio type being played with corresponding LED indicators.
<b>Auto VA</b> Auto VA		<b>SETUP &gt; Auto VA &gt;</b> Use the <b>Next/Previous</b> buttons to toggle between connecting the sound bar to a Voice Assistant through both, Bluetooth (BT), AUX or off. Refer to <i>Connecting to a Voice Assistant</i> on page 23 for more information. <b>Note:</b> Default setting is Both.
<b>Eco Power Mode</b> Eco Pwr		<b>SETUP &gt; EcoPwr &gt;</b> Use the <b>Next/Previous</b> buttons to enable/disable Eco Power Mode. When ON, the sound bar will go into standby after a period of inactivity. The sound bar will automatically turn off when no audio signal is detected. Off disables this feature. <b>Note:</b> Default setting is Off
<b>Input Search</b> Input Srch	The LED indicator color will change per specific input.	<b>SETUP &gt; Input Search &gt; OK</b> to initiate an automatic input detection sequence. This is the same as a long key press of the <b>INPUT</b> button on the remote. Specific inputs will show a different LED color: <ul style="list-style-type: none"> <li>• AUX In: Green</li> <li>• AUX VA: Violet</li> <li>• Digital Optical: Red</li> <li>• HDMI In: Yellow</li> <li>• HDMI (eARC): Magenta</li> </ul>

Function	LED Behavior	Description
<b>Program Remote Learn</b> Prg Remote	<b>Waiting to learn:</b> Flash from bottom to top and back continuously.	<b>SETUP &gt; PrgRemote &gt;</b> Use the <b>Next/Previous</b> buttons and <b>OK</b> button to toggle and select and program your TV remote to control the <b>Volume Down</b> , <b>Volume Up</b> , and <b>Mute</b> functions on your sound bar. See the <i>Programming the Sound Bar</i> on page 20 section for more information.
<b>Power LED</b> PwrLED		<b>SETUP &gt; PwrLED &gt;</b> Use the <b>Next/Previous</b> buttons and <b>OK</b> button to enable/disable the Power LED. Voice notifications will also be enabled/disabled.
<b>AV Delay</b> AV Delay	LED at the bottom indicates no delay.	<b>SETUP &gt; AV Delay &gt;</b> Use the <b>Next/Previous</b> buttons to increase/decrease the amount of audio delay. The LED indicators will move to the top with increasing audio delay level.
<b>Reset Audio or Reset All</b> Reset All	All LEDs will flash 3 times when settings are reset.	<b>SETUP &gt; Reset Audio or Reset All &gt;</b> Use the <b>Next/Previous</b> buttons to reset either Audio or All settings. Press the <b>OK</b> button to select. <b>Audio</b> - Only audio settings, such as bass and treble levels, will be reset. <b>All</b> - All paired Bluetooth devices will be unpaired and all settings will be lost. All programmed IR remotes will also be removed. See the <i>Factory Reset</i> on page 19 for more information.
<b>Speaker Test</b> Spkr Test	—	<b>SETUP &gt; Spkr Test &gt; OK</b> to activate the speaker test function. A voice will begin calling out each speaker beginning with <i>left front</i> (Left Front, Center, Right Front, Right Rear, Left Rear, and subwoofer-white noise). If any of these are missing, check the connection and run the speaker test function again.
<b>VIZIO Remote</b> VZtvRmt		<b>SETUP &gt; VZtvRmt &gt;</b> Use the <b>Next/Previous</b> buttons to enable/disable VIZIO TV Remotes. When enabled (On), you can use a VIZIO TV remote control to turn on the sound bar (using the <b>TV Volume Up</b> button) and control volume.

Function	LED Behavior	Description
<b>Surround Sound</b> Surnd	On Off Frnt Dual	<p><b>EFFECT &gt; Surnd &gt;</b> Use the <b>Next/Previous</b> buttons to enable/disable surround sound and front or dual modes. When enabled (On), Dolby and DTS Surround content will produce full 5.1 sound. With stereo content, EQ Music will produce DTS Virtual:X enhanced sound and EQ Movie will produce realistic 5.1 effect sound. When disabled (Off), the surround speakers will be disabled and the sound bar will only produce DTS Virtual sound effect.</p> <p><b>Front</b> - Use when placing surround speakers next to the sound bar. Refer to <i>Proper Placement - Front Surround Mode</i> on page 14.</p> <p><b>Dual</b> - Both surround speakers will play the same left and right channel content as the sound bar.</p> <p><b>Note:</b> With stereo content, if EQ mode is set to Direct and Surround is set to Off, the sound bar will output 2.1 audio without center or surround.</p>
<b>DTS TruVolume</b> TruVol	← TruVolume On TruVolume Off →	<p><b>EFFECT &gt; TruVol &gt;</b> Use the <b>Next/Previous</b> buttons to enable/disable TruVolume. When enabled (On), TruVolume provides a consistent and comfortable volume level for a more enjoyable listening experience.</p> <p><b>Note:</b> Default setting is Off</p>
<b>DTS Virtual:X</b> VRT :X	← Virtual:X On Virtual:X Off →	<p><b>EFFECT &gt; VRT:X &gt;</b> Use the <b>Next/Previous</b> buttons to enable/disable <b>Virtual:X</b>. When enabled (On), all inputs will produce a virtual sound technology that simulates the effect of having overhead sound. When disabled (Off), all sources will playback without virtualization.</p>
<b>Night Mode</b> Night	← Night Mode On Night Mode Off →	<p><b>EFFECT &gt; Night &gt;</b> Use the <b>Next/Previous</b> buttons to enable/disable Night Mode. When enabled (On), the sound bar will lower bass frequency levels to provide a more quiet environment (ideal for apartment living and homes with sleeping children).</p> <p><b>Note:</b> Night mode will set to Off after a power cycle.</p>
<b>Dolby Audio, Dolby Atmos, or DTS audio format is detected.</b>	Dolby Atmos: Green Dolby Audio: White DTS Audio: Amber	<p>Dolby Audio and DTS are available on the <b>HDMI eARC, HDMI In, and Digital Optical</b> inputs. Dolby Atmos is available on <b>HDMI eARC and HDMI In</b> when connected to supported devices and streaming services.</p> <p>When a Dolby or DTS signal is detected, the bottom indicator LED will light up for 5 seconds before fading away.</p>

## Using Button Combinations

There are other functions that are triggered by different button combinations on the sound bar.



**Buttons are located here.**


Function	LED Behavior	Description
<b>Factory Reset</b>	All LEDs will flash 3 times	<p>Reset the sound bar to the factory default settings. To perform a Factory Reset, <b>Press and Hold</b> the <b>Bluetooth</b> (⌘) and <b>Volume Down</b> (–) buttons for 5 seconds.</p> <p><b>Note:</b> This will erase all settings and preferences that you have set.</p>
<b>VIZIO TV Remote Control</b>	← Enable VIZIO TV remote Disable VIZIO TV remote →	<p>Enable/disable the use of a VIZIO TV remote control to power on and adjust the volume of the sound bar. To enable/disable this function, <b>Press and Hold</b> the <b>Power</b> (⏻) and <b>Volume Up</b> (+) buttons for 5 seconds.</p>
<b>Eco Power Mode</b>	← Enable Eco Power Disable Eco Power →	<p>When the Eco Power mode setting is enabled, the sound bar will automatically power down after a period of inactivity. When disabled, the sound bar will remain powered on until you turn it off. To enable/disable this function, <b>Press and Hold</b> the <b>Power</b> (⏻) and <b>Volume Down</b> (–) buttons for 5 seconds.</p> <p><b>Note:</b> Eco Power Mode setting is <b>OFF</b> by default.</p>

## Programming the Sound Bar



You can program your sound bar to accept TV remote IR commands.


- Press the SETUP button on the remote, then use the Up/Down buttons to navigate to Prg Remote.
- Use the Next/Previous buttons to toggle through Learn Vol -, Learn Vol +, and Learn Mute.

Function	LED Behavior	Description
<b>Learn Volume Down</b> Learn Vol-	<b>Waiting to learn:</b> Flash from bottom to top and back continuously.	Press the <b>OK</b> button to put the sound bar into learning mode. While the sound bar is in learning mode, press the <b>Volume Down</b> button on the TV remote control.
<b>Learn Volume Up</b> Learn Vol+		Press the <b>OK</b> button to put the sound bar into learning mode. While the sound bar is in learning mode, press the <b>Volume Up</b> button on the TV remote control.
<b>Learn Mute</b> Learn Mute	<b>Learning confirmed:</b> All of the LEDs will blink twice.	Press the <b>OK</b> button to put the sound bar into learning mode. While the sound bar is in learning mode, press the <b>Mute</b> button on the TV remote control.




**Point both the sound bar and TV remotes towards the front of the sound bar when programming.**

 **Turn off your TV speakers** when programming your sound bar.

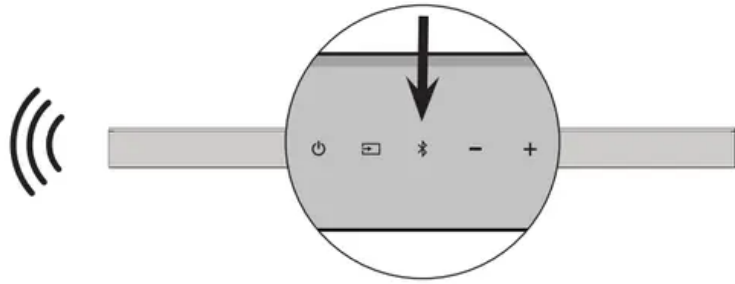
## Bluetooth Pairing

To pair the sound bar with a Bluetooth device:

1. Press and hold the Bluetooth button  on the sound bar or remote control for five (5) seconds.
2. Search for the sound bar (VIZIO M51) using your Bluetooth device. For more information, refer to the user documentation that came with the device.
3. Now you can play audio from your Bluetooth device. Volume can be controlled on both your source device and the sound bar.



**Bluetooth Device**



**Button Located at the Top of Sound Bar**

NOTES: The LED indicators on the display panel on the front of the sound bar will light up sequentially from bottom to top and back again. Once the device is paired, the LED indicators will stop flashing.

## Using Bluetooth Mode

1. Your sound bar supports music streaming from devices with Bluetooth capability. (Device compatibility will vary, see your device's documentation for more information.)
2. Once you have paired your source device to the sound bar your device should remain paired (within range).
3. If the source is changed back to Bluetooth, any paired Bluetooth device will reconnect automatically.
4. If the input is changed, the Bluetooth device will disconnect.

## Maximizing Signal

**A Bluetooth signal has a range of up to 30 feet.** Keep in mind that Bluetooth is a compressed audio format, so streamed music may lose some integrity when compared to a wired connection. Try the following if your sound quality is less than optimal:

- If you hear any break-up or disconnect while streaming music from your device, move the source device closer to the sound bar.
- Be sure that there are no solid obstructions in the line-of-sight between the sound bar and the source device.
- Other wireless devices can affect Bluetooth range, including wireless security cameras, wireless video baby monitors, cordless phones, and microwave ovens. Turning off or moving these devices may improve Bluetooth range.

**NOTES:** Your sound bar is not equipped with a microphone, so it cannot operate as a hands-free device for a smartphone.

**WARNING:** Reduce the volume levels on your device and on the sound bar before pressing Play. High volume levels can damage your hearing.

## Connecting to a Voice Assistant

Your sound bar can connect to a Voice Assistant (VA) device through an AUX VA or Bluetooth connection. Once connected, your sound bar will now act as the VA speaker.

### Features and Benefits:

- Voice Assistant Dedicated Input: VA can be active on the sound bar even if the sound bar is set to a different input with audio playing.
- Auto Muting: If playing audio from the sound bar, the VA will play over the original source audio for 10 seconds. If continued after the 10 seconds, the VA audio will mute the original source audio. Once the VA audio is stopped the original source audio will resume.

### Setup Tips:

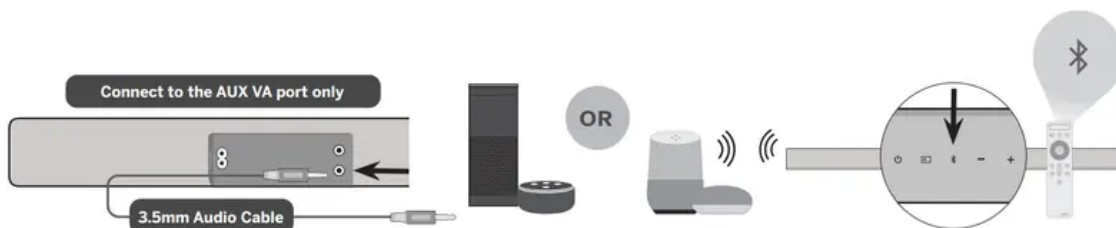
- If the VA audio is too low, adjust the volume from the VA device.
- If the start of the response from the VA is cut off, enable “Start of Request” from your VA app settings.
- To disable the VA function, use the display remote to turn the Auto VA feature to OFF. Refer to Auto VA on page 16 for more information.

### Turn on the AUTO VA Settings:

1. Press the Setup button and use the up/down buttons to go to the AUTO VA setting.
2. Use the left/right buttons to change the setting to AUX/BT or BOTH (depending on how you connect)

### Using the AUX VA Port to Connect

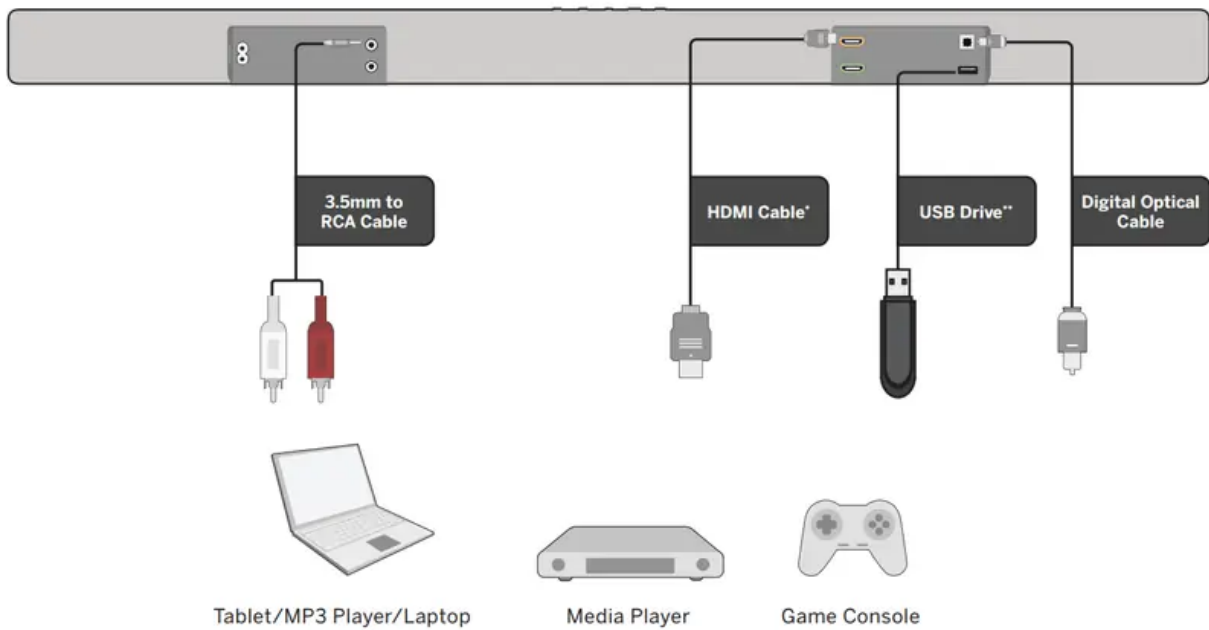
- Use a 3.5mm audio cable to connect the AUX VA port on the sound bar to an AUX port on your voice assistant device.



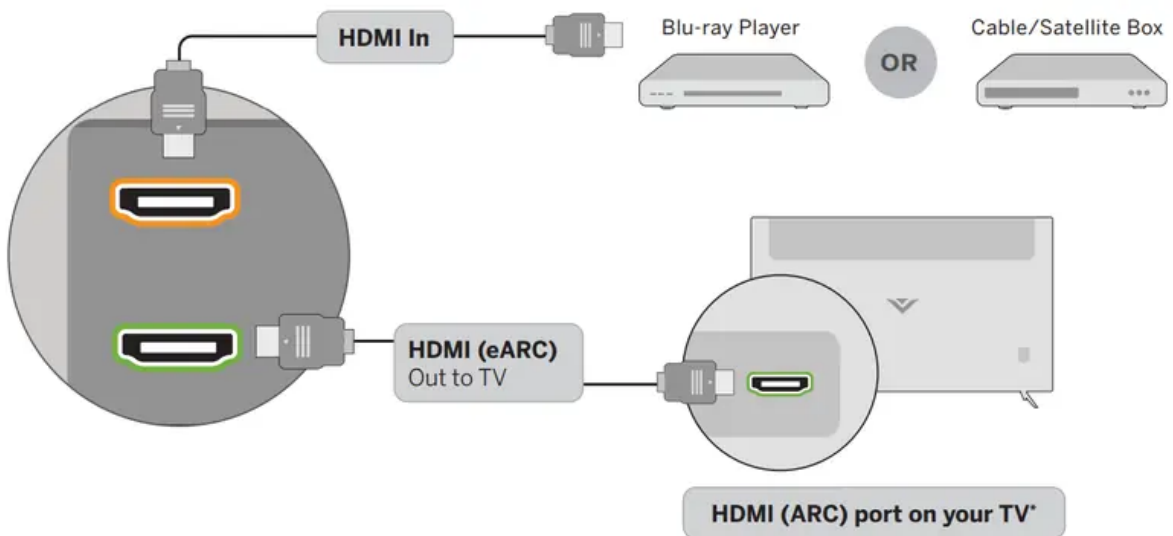
### Using Bluetooth to Connect

- Press and hold the Bluetooth button on the sound bar or remote for three (3) seconds. Search for the sound bar (VIZIO M51) using your VA device app. For more information, refer to the user documentation that came with the device.

## Advanced Setup



## Connecting with HDMI ARC



**HDMI cables transmit both audio and video.**

To view video from these devices:

1. Turn the sound bar on.
2. Set the sound bar input to HDMI In.
3. Set your TV input to the same HDMI port that the sound bar is connected to.

**What is HDMI Audio Return Channel (ARC)?**

- Using HDMI ARC, your TV can send audio to the sound bar using an HDMI cable.

- Connect your sound bar to your TV's HDMI ARC port using an HDMI cable that is ARC compatible.


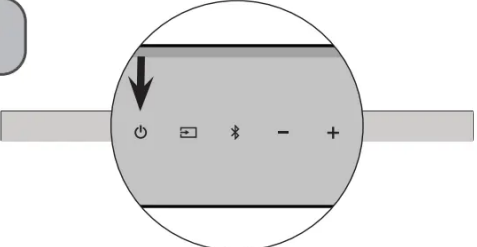
**To connect using HDMI\*:**

1. Connect one end of the HDMI cable to the HDMI 1 (ARC) port on the back of your TV.
2. Connect the other end to the HDMI (eARC) port on your sound bar.
3. From the AUDIO menu on your TV, change the Digital Audio Setting to Dolby Digital or Bitstream.
4. From the SYSTEM menu, enable CEC and ARC (SAC)† functions.
5. From the CEC menu, select Device Discovery to register the sound bar with the TV.

**NOTES:** If you want to use the TV remote to control the sound bar volume: Enable System Audio Control from the CEC menu.

## Connecting a Subwoofer

The subwoofer has already been paired with the sound bar by VIZIO. However, the subwoofer may need to be re-linked to the sound bar if there is no sound coming from the subwoofer.

<p><b>1</b></p>  <p>Back of subwoofer</p>	<p><b>2</b></p>  <p>Button Located at the Top of Sound Bar</p>
<p>First confirm that the power LED is illuminated. Press and hold the ON/OFF button on the back of the subwoofer for 5 seconds. The LED on the back of the subwoofer will begin to blink.</p>	<p>Press and hold the Power button on the top of the sound bar for 5 seconds. The LED indicators on the front will flash 3 times. The subwoofer is now linked with the sound bar.</p>

## Help & Troubleshooting

**There is no power.**

- Press the POWER button on the remote control or on the top of your sound bar.
- Ensure the power cord is securely connected.



- Plug a different device into the electrical outlet to verify that the outlet is working correctly.

### **There is no sound.**

- Increase the volume. Press VOLUME UP on the remote control or on the top of your sound bar.
- Press MUTE on the remote to ensure the sound bar is not muted.
- Press INPUT on the remote or on the top of your sound bar to select a different input source.
- When using the Digital Optical input, if there is no audio: (A) try setting the TV output to PCM or (B) connect directly to your Blu-ray/other source, some TVs do not pass through digital audio.
- On digital inputs, the input LEDs will flash rapidly and announce “format not supported” if an unsupported format is present. Set the source to output PCM.
- Your TV may be set to variable audio output. Confirm that the audio output setting is set to FIXED or STANDARD, not VARIABLE. Consult your TV’s user manual for more detailed information.
- If using Bluetooth, ensure that the volume on your source device is turned up and that the device is not muted.

### **I hear buzzing or humming.**

- Ensure all cables and wires are securely connected.
- Connect a different source device (TV, Blu-ray player, etc) to see if the buzzing persists. If it does not, the problem may be with the original device.
- Connect your device to a different input on the sound bar.

### **The remote isn’t working.**

- Replace the remote batteries with new ones.
- Point the remote directly at the center of the sound bar when pressing a button.
- If using a Bluetooth connection, some of the buttons on the remote may not be supported by the streaming application.

## Specifications

<b>Sound Bar:</b>	<p>One 1.66" x 3.48" (42.3 x 88.5 mm) Full Range Driver for each channel (1 for left, 1 for right, 1 for center)</p> <p>One 0.79" (20 mm) Tweeter for each channel (1 for left, 1 for right, 1 for center)</p>
<b>Surround Speakers:</b>	One 1.61" x 2.22" (41 x 56.5 mm) Full Range Driver for each speaker (1 for left, 1 for right)
<b>Subwoofer:</b>	One 5" (127 mm) Driver
<b>Connections:</b>	<p>One 3.5mm Stereo Audio</p> <p>One Optical (Toslink)</p> <p>HDMI (eARC)</p> <p>HDMI In</p> <p>One 3.5mm AUX Voice Assistant</p> <p>Bluetooth</p> <p>One USB (Supports .WAV and .MP3 format only)</p>
<b>Sound Pressure Level* (System):</b>	100 dB
<b>Frequency Response (System):</b>	50 Hz - 20 KHz
<b>Voltage:</b>	100-240Vac, 50/60Hz
<b>Compliances:</b>	UL 62368-1, FCC PART15 Class B

### 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.

