

## Part Names

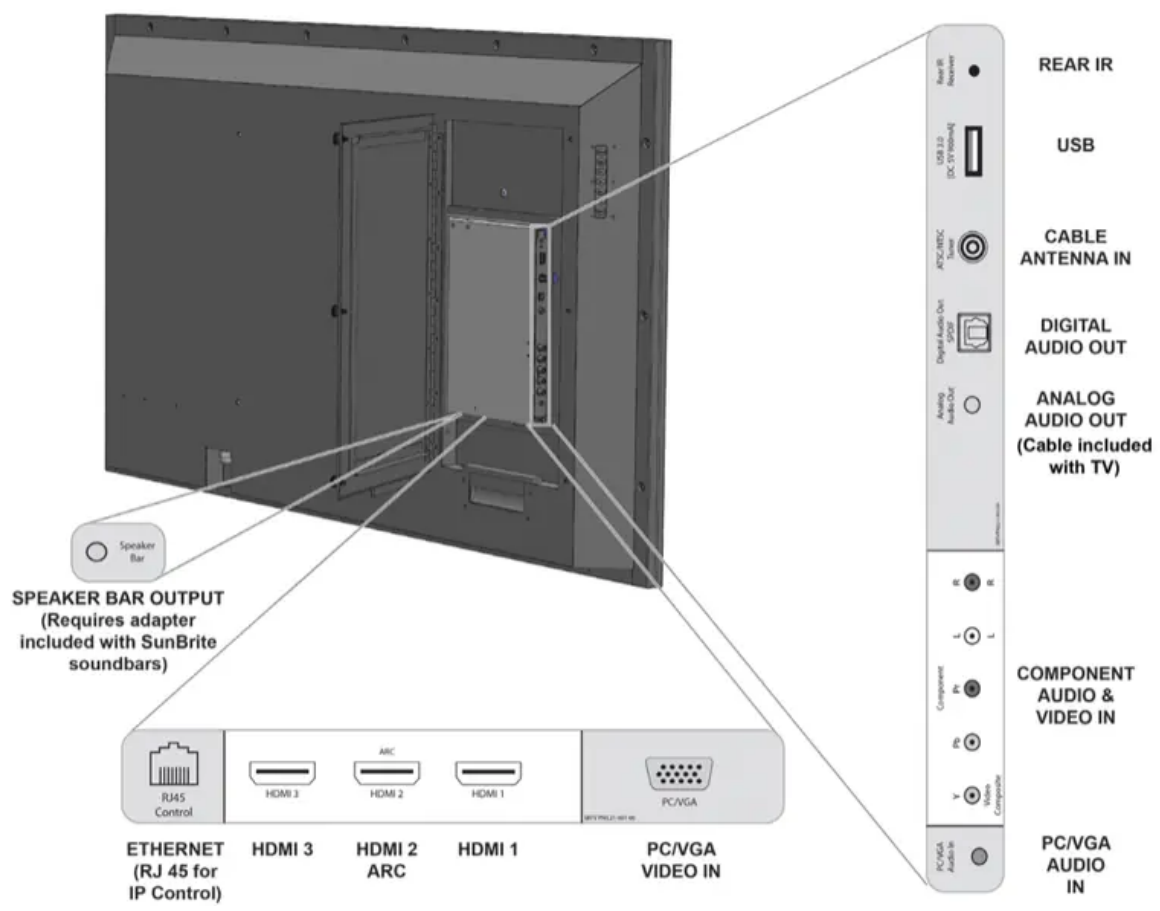
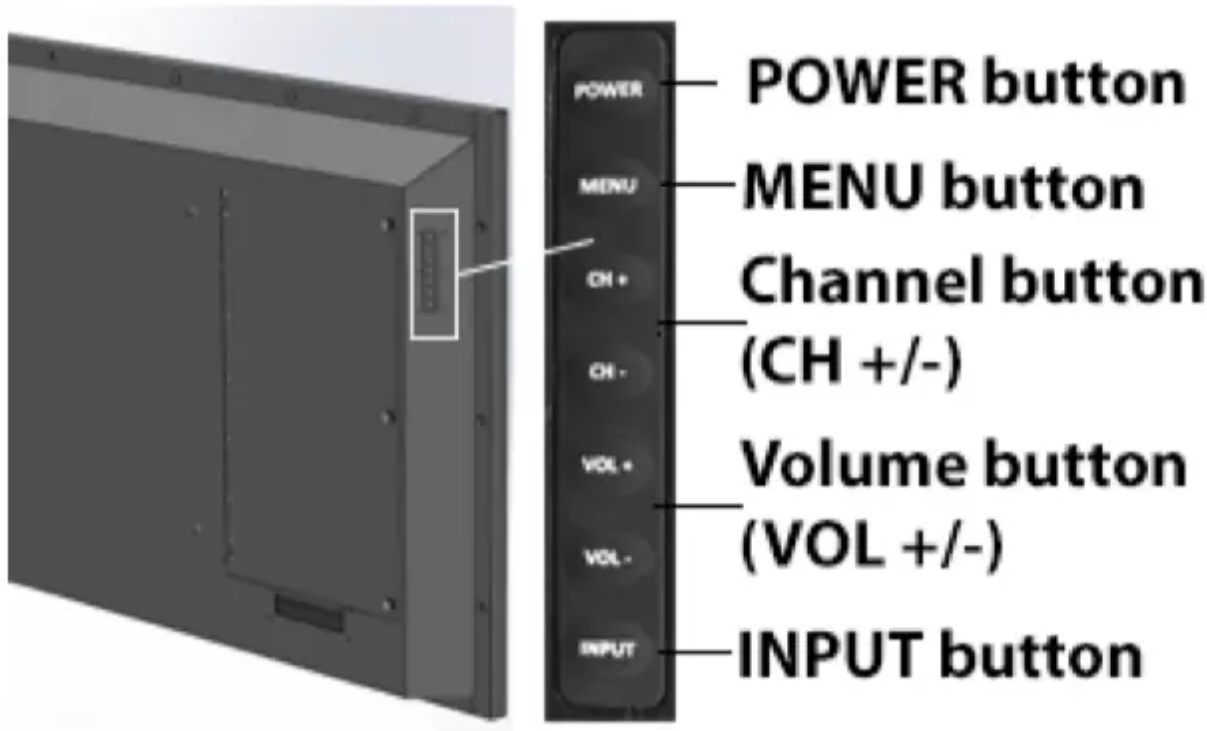
TV

(Front)



**Remote Control Sensor  
Power Indicator**

(Side)



**Caution**

When using the ethernet port for IP control, connect the cable to the network switch before connecting to the SunBriteTV ethernet port.



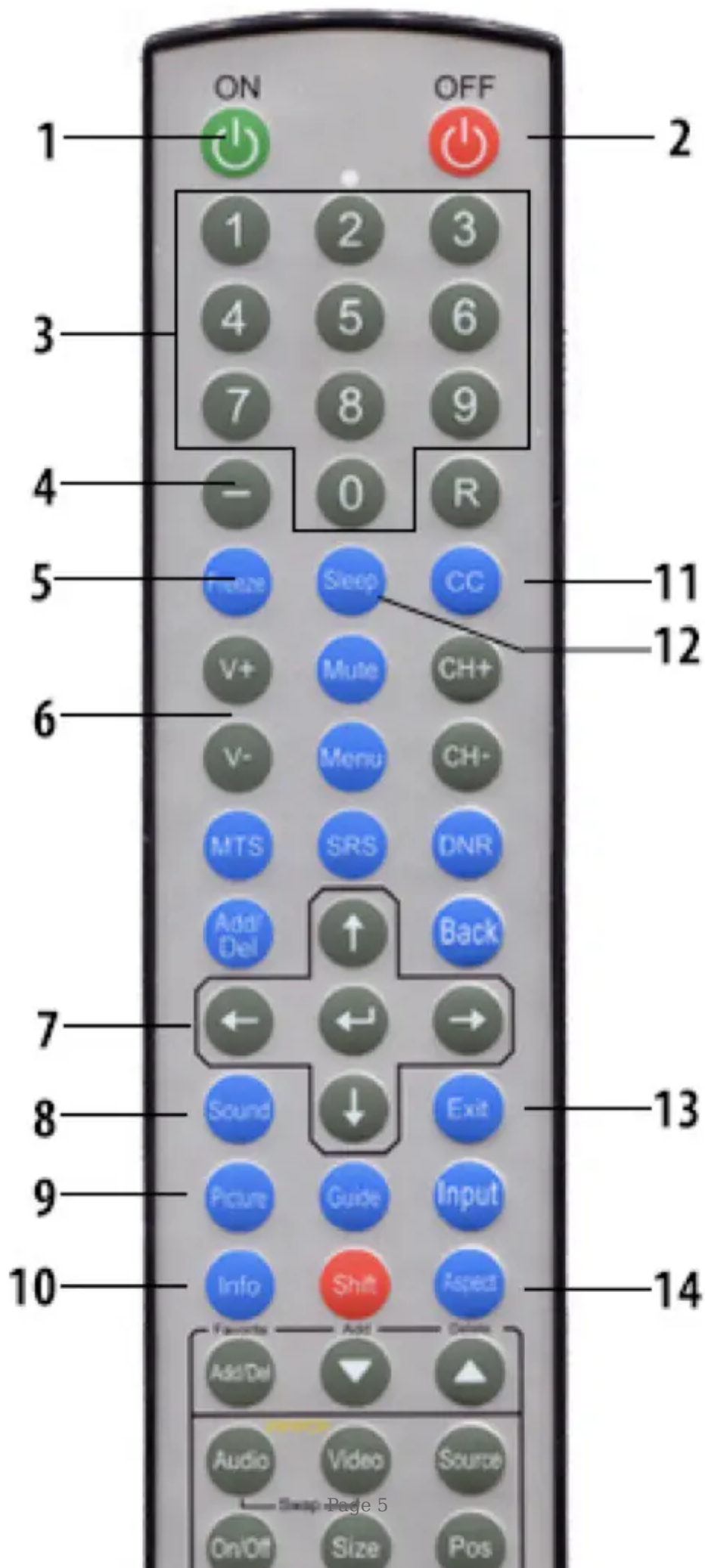
## **SPEAKER BAR OUTPUT.**

- See page 9 for details on the Input Select function.
- ARC See page 41 for details on the Audio Return Channel.
- See page 43 for optional speaker bar connection.

**Note:** The illustrations and on-screen displays in this operation manual are for explanation purposes and may vary slightly from the actual operations.

## Remote Control Unit





**Note:** SunBrite TVs use the Sony TV IR codeset. When programming a universal remote or control system try Sony IR codes if SunBrite TV codes are not listed.


1 POWER ON: Switch the TV power on.

2 POWER OFF: Switch the TV power off.

3 0–9: Set the channel.

4 - (Dash): Set a digital channel.

5 FREEZE: Freeze not supported on Veranda 2 series 6 VOL+/-: Set the volume.

7  ENTER: Select a desired item on the screen. 8 SOUND: Change sound preset modes.

9 PICTURE: Change picture settings preset modes.

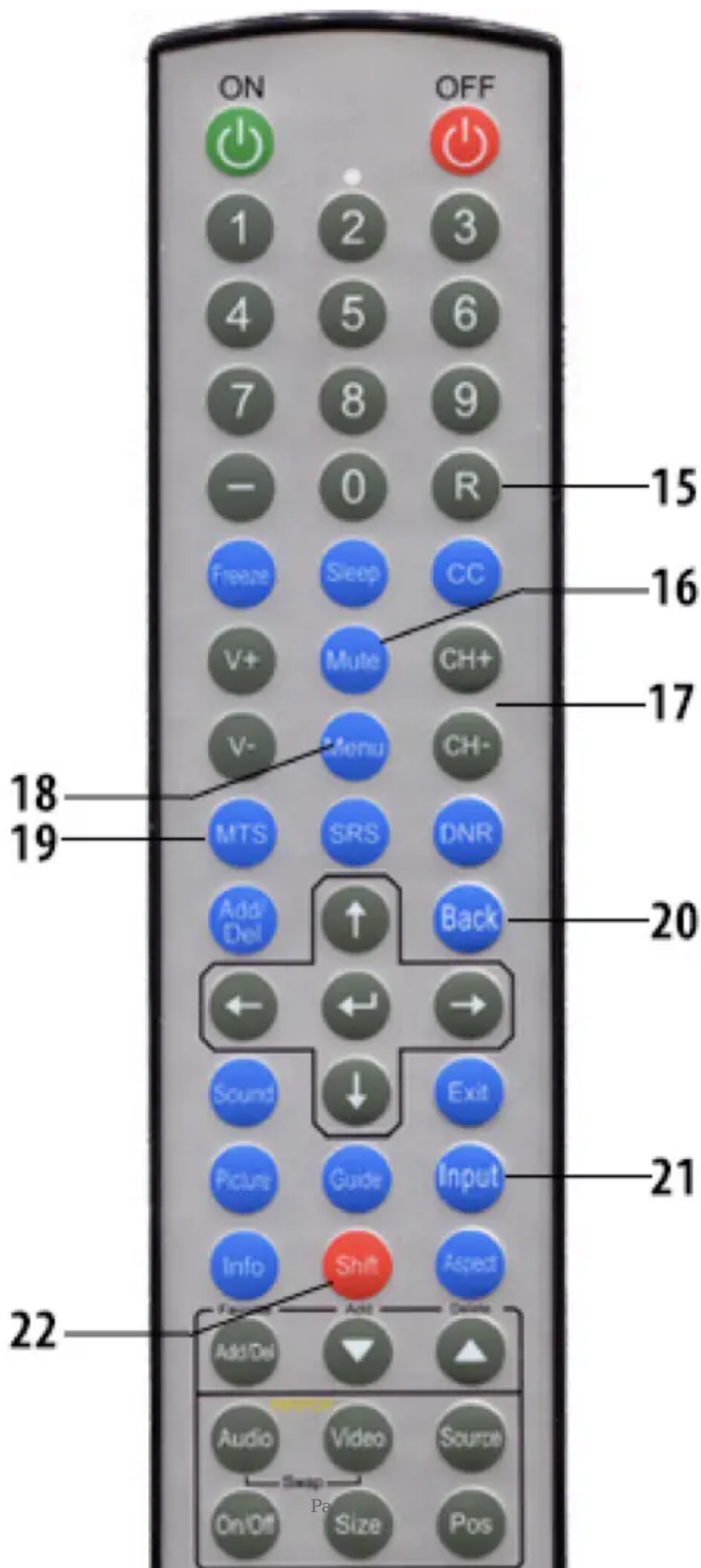
10 INFO: Display the channel or source information.

11 CC: Display captions from a closed-caption source. 12 SLEEP: Set the sleep timer.

13 EXIT: Turn off the menu screen.

14 ASPECT: Select the screen aspect.

**Note:** When using the remote control unit, point it at the TV.



**Note:** SunBrite TVs use the Sony TV IR codeset. When programming a universal remote or control system try Sony IR codes if SunBrite TV codes are not listed.

15 RETURN: Return to the previous channel. 16 MUTE: Mute the sound.

17 CH+/- : Select the channel.

18 MENU: Display the menu screen.

19 MTS: Selects the MTS/SAP or the audio mode during multichannel audio broadcasts. (Antenna/Cable only)

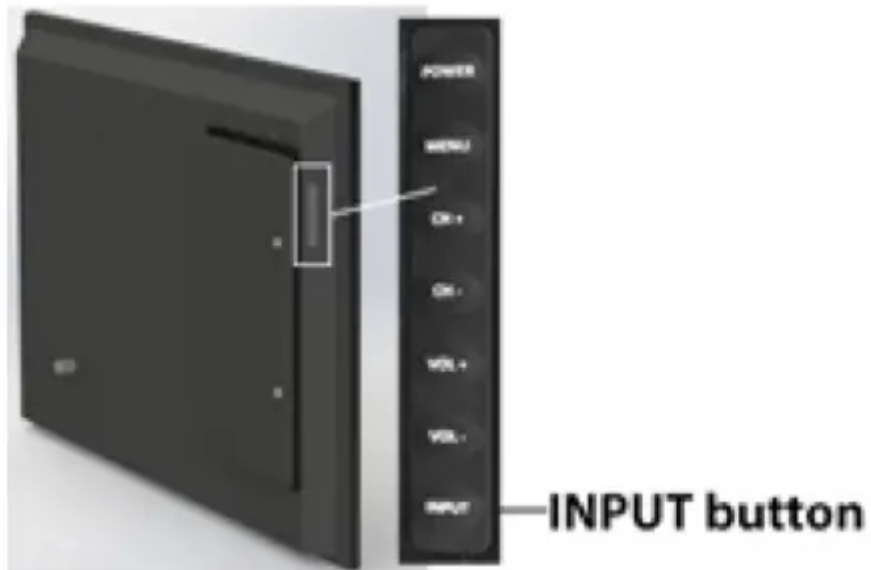
20 BACK: Return to the previous menu screen. 21 INPUT: Select a TV input source.

22 SHIFT: Press and hold this button then press buttons 0-9 to directly select TV input

<b>Shift-1</b>	VIDEO
<b>Shift-2</b>	N/A
<b>Shift-3</b>	HDMI 3
<b>Shift-4</b>	USB
<b>Shift-5</b>	Component
<b>Shift-6</b>	N/A
<b>Shift-7</b>	N/A
<b>Shift-8</b>	HDMI 1
<b>Shift-9</b>	HDMI 2
<b>Shift-0</b>	TV Tuner
<b>Shift-ON</b>	Power Toggle



## Displaying an External Equipment Image



To view external source images, select the input source by pressing INPUT on the remote control unit or on the TV.



1. Press INPUT.

The INPUT list screen displays.

2. Press / to select the input source.

An image from the selected source automatically displays.



You can also select the input source by pressing INPUT. Each time INPUT is pressed, the input source toggles.

TV > HDMI1 > HDMI2 > HDMI3 > MMP(USB) > PC > VIDEO > COMPONENT > TV

**Note:** Video and Component will only display when a source signal is applied to the input

## Watching TV

### INITIAL INSTALLATION




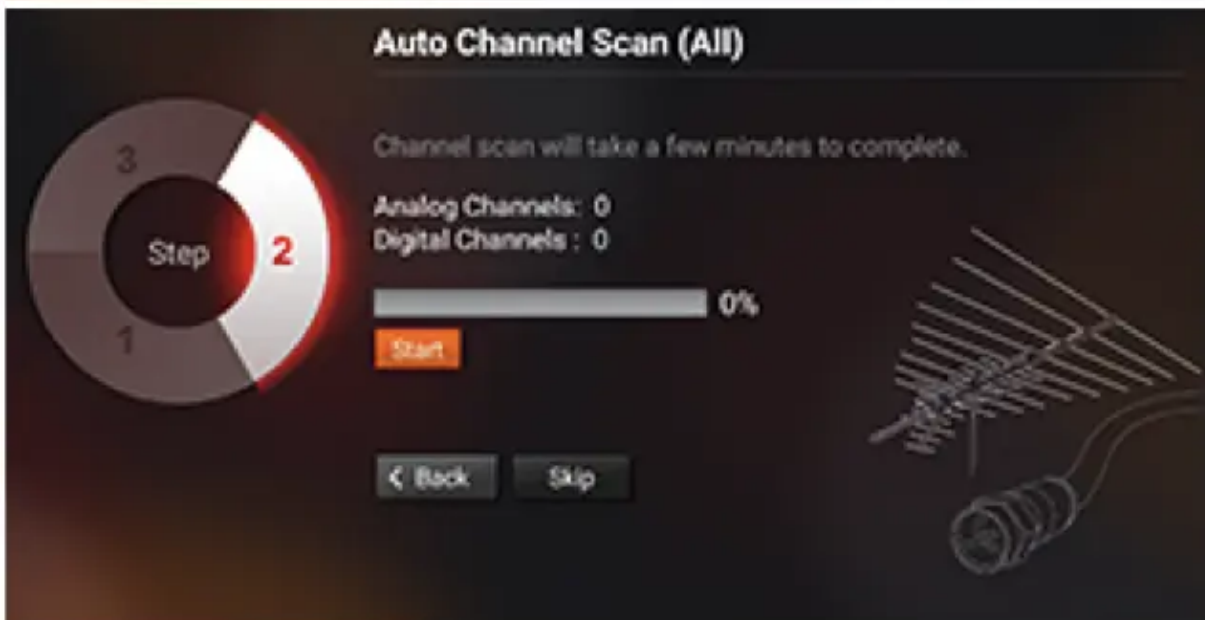
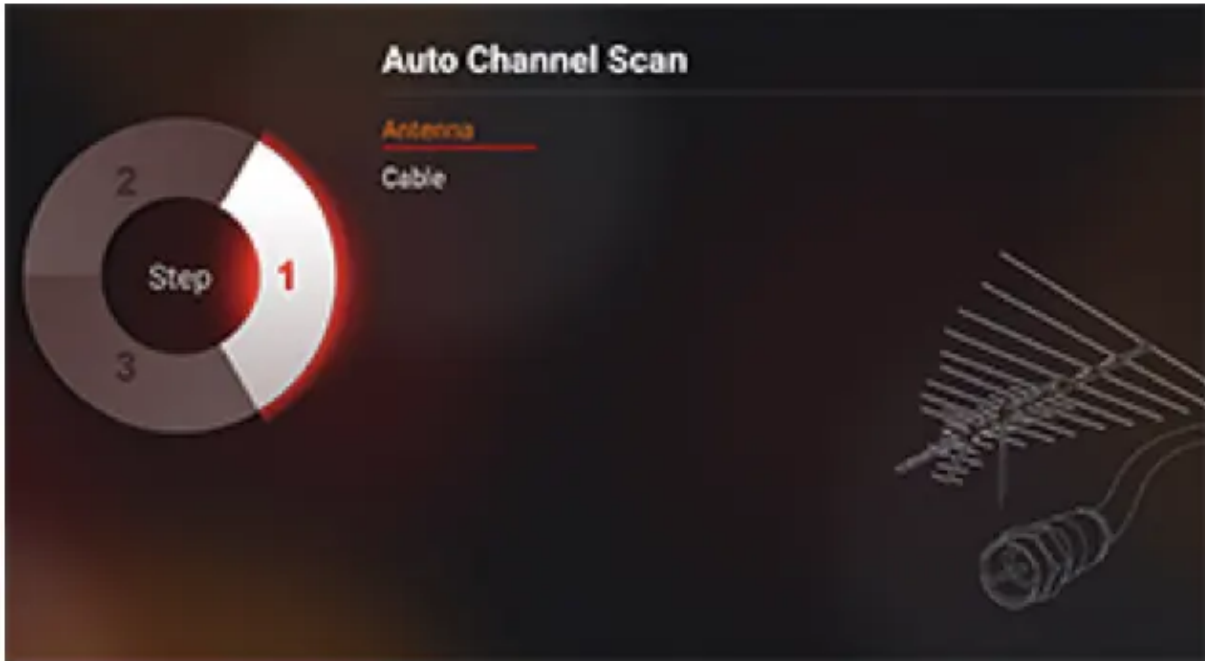
Perform the following steps before you press POWER on the remote control unit.



1. Insert the batteries into the remote control unit.
2. Connect the antenna cable to the TV.
3. Plug in the AC cord to the AC outlet.

### Select Antenna or Cable

1. Press  to select and then press ENTER.



2. Select Start if you will be using Antenna or Cable input, otherwise select Skip.

## Auto Channel Scan (All)



Channel scan will take a few minutes to complete.

Analog Channels: 0

Digital Channels : 0

0%

Start

< Back

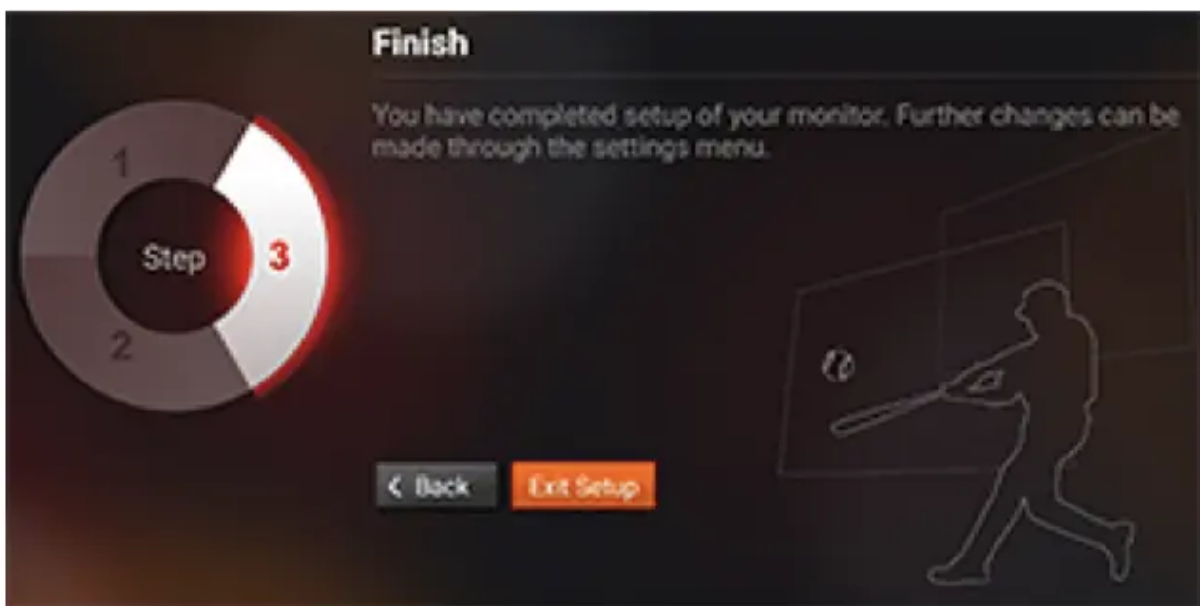
Skip







3. The tuner will scan for available channels and store them into memory. This process can take from 3-10 minutes.



4. When the scan process is complete, select exit setup.

## Direct Button Operation



## CHANGING CHANNELS

You can change channels in several ways.

### Method 1

Using CH +/- on the remote control unit or on the TV.

### Method 2

Using remote control buttons 0-9, - (Dash).

### Examples:

To select a 1 or 2-digit channel number (e. g., Channel 5):

**Press 5 → ENTER**

To select a 3-digit channel number (e. g., Channel 115):



**Press 1 → 1 → 5 → ENTER**

To select a 4-digit channel number (e. g., Channel 22.1):

**Press 2 → 2 → - (Dash) → 1 → ENTER**

### Method 3

Selecting the program from the Channel list.

1. Press INPUT on the remote control unit. The INPUT list displays.
2. Press  to select AIR or CABLE. The Channel list displays.
3. Press  to select the desired channel, and then press ENTER.

### Note:

- When selecting a 1-digit channel number, it is not necessary to press 0 before the number.
- When you enter 0-9 only, channel selection will be made if there is no operation within a few seconds.
- If you push "0" by itself, nothing will happen.
- Complete the above steps within a few seconds.
- When you enter 0-9 and - (Dash), channel selection will be made if there is no operation within a few seconds

## CHANGING VOLUME

You can change the volume by pressing VOL+/- on the TV or on the remote control unit.

To increase the volume, press VOL +.

To decrease the volume, press VOL -.



## MUTE

Mutes the current sound output.

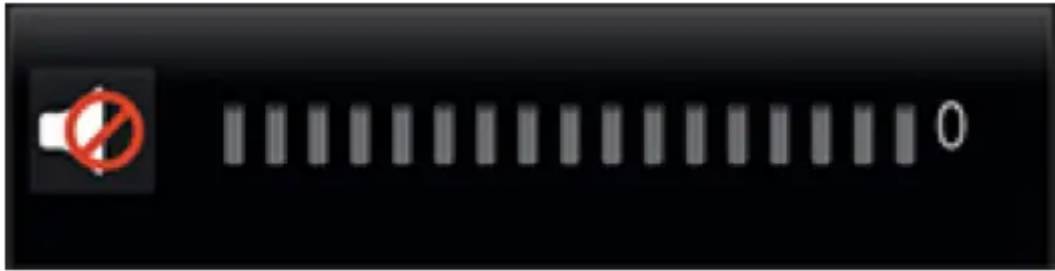


Press MUTE.





will be displayed on the screen, and the sound is silenced.



# CHANNEL RETURN



- Press R (Ch Return) to switch to the previously tuned channel.
- Press R (Ch Return) again to switch back to the currently tuned channel.
- Note: R (Ch Return) will not work if no channel has been changed after the TV is turned on



## AUDIO



## MTS/SAP stereo mode

The TV has a feature that allows reception of sound other than the main audio for the program. This feature is called Multi-channel Television Sound (MTS). The TV with MTS can receive mono sound, stereo sound and Secondary Audio Programs (SAP). The SAP feature allows a TV station to broadcast other information, which could be audio in another language or something completely different like weather information.

You can enjoy Hi-Fi stereo sound or SAP broadcasts where available.

- Stereo broadcasts: View programs like live sporting events, shows and concerts in dynamic stereo sound.
- SAP broadcasts: Receive TV broadcasts in either MAIN or SAP sound.
- MAIN sound: The normal program soundtrack (either in mono or stereo).
- SAP sound: Listen to a second language, supplementary commentary or other information. (SAP is mono sound.)

If stereo sound is difficult to hear:

- Obtain a clearer sound by manually switching to fixed mono-sound mode. You can change MTS as shown below to match the television broadcast signal. Press AUDIO to toggle between audio modes.

### Examples: when receiving MTS and SAP

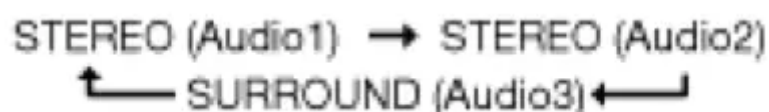
STEREO mode:	ST(SAP) → SAP(ST) → MONO ←—————→
STEREO + SAP mode:	STEREO ↔ MONO
MAIN + SAP mode:	MAIN ↔ SAP
MONO mode:	MONO

## Digital broadcasting audio mode

The types of audio transmitted in a digital broadcast include SURROUND as well as MONO and STEREO. In addition, it is possible for multiple audio tracks to accompany a single video track.

Press ENTER to toggle between audio modes.

**Example:** when receiving Digital broadcasting



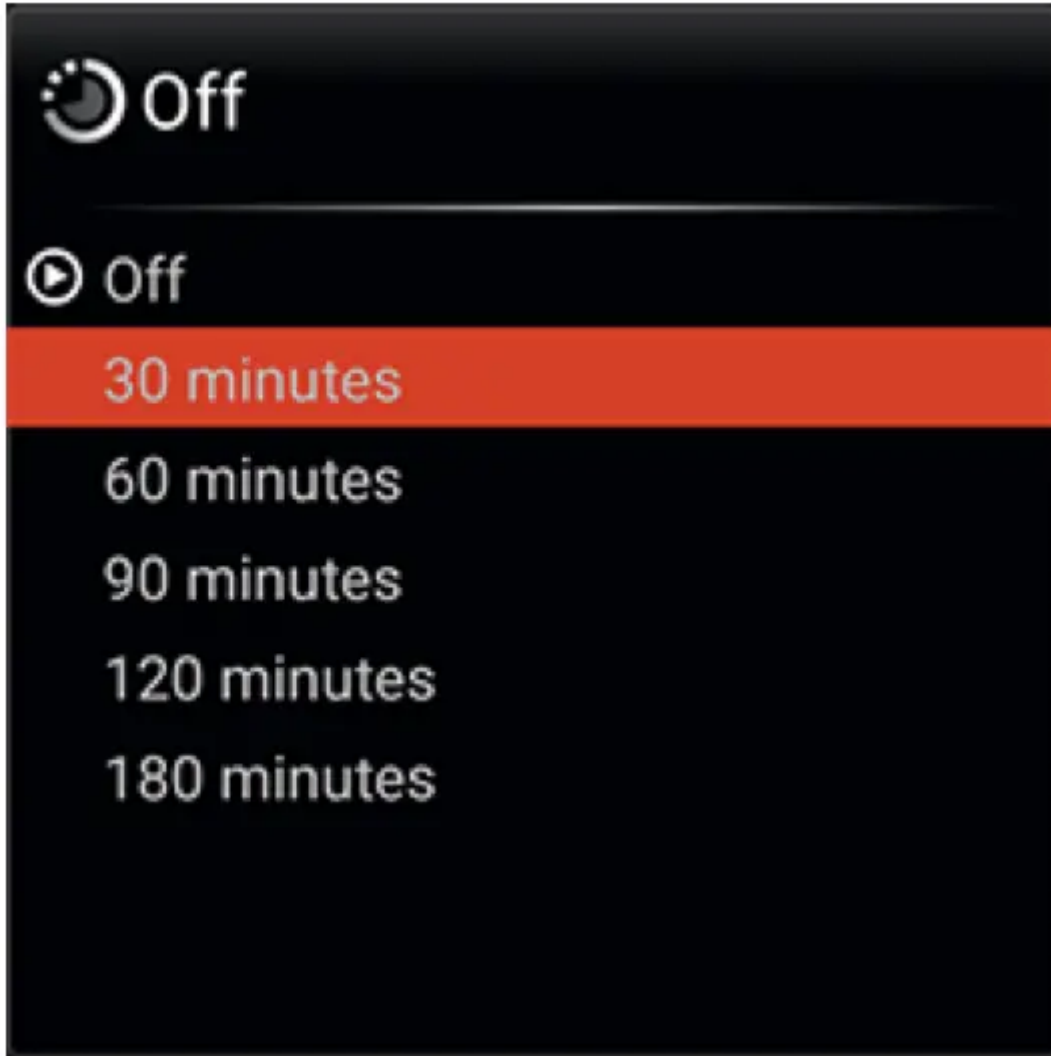
**Note:** MTS only operates while in TV mode

# SLEEP TIMER



Allows you to set a time when the TV automatically switches to standby. Press SLEEP.

- The remaining time displays when the sleep timer has been set.
- Each time you press SLEEP, the remaining time switches as shown below.
- Highlight the desired selection and press enter



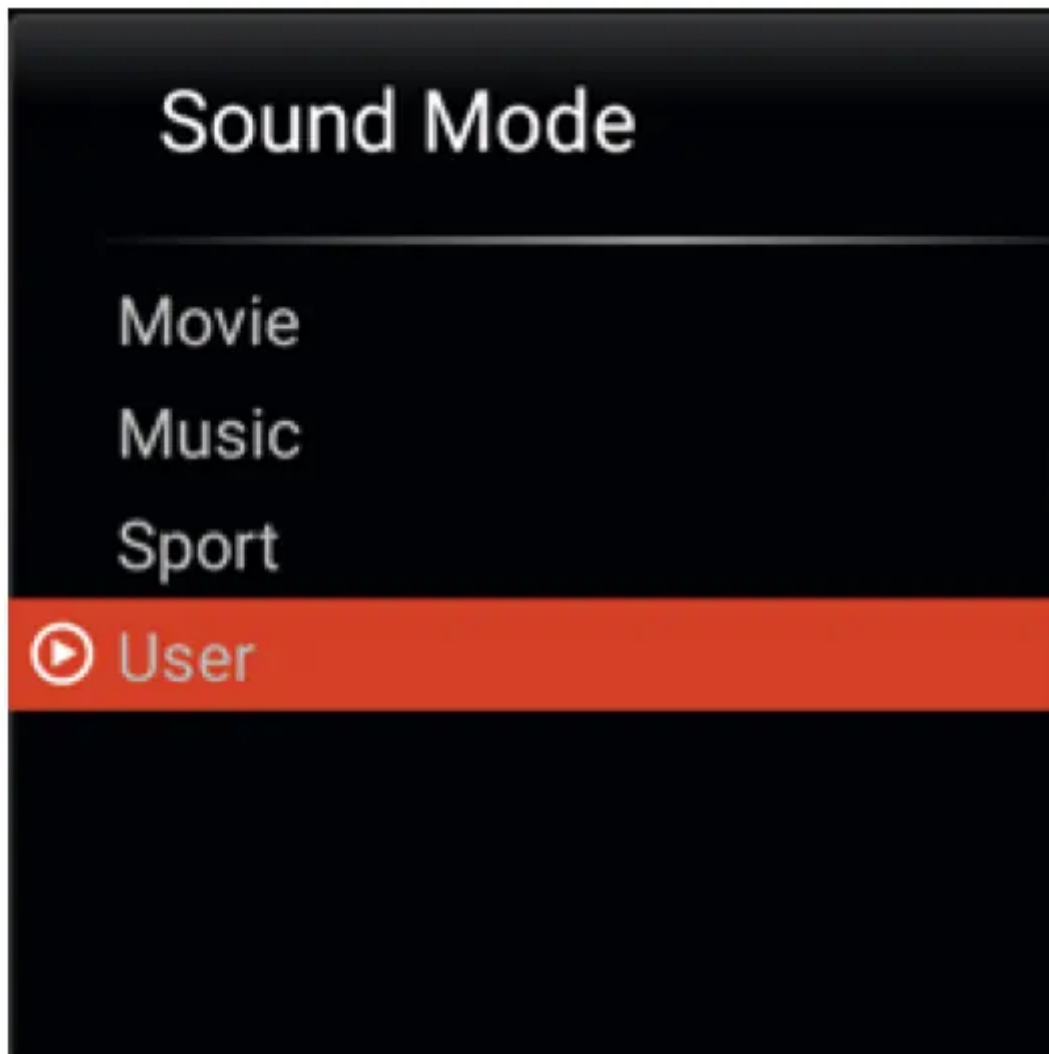
## SOUND MODE



Sound MODE gives you several audio setting options to choose from to best match the surrounding environment of the TV, which can vary due to factors like listening environment, type of program watched or the type of device connected.

Press SOUND. Sound menu OSD displays.

- Press Sound again or use the up and down arrow keys to highlight the desired selection
- Press enter to select the desired sound mode



## PICTURE MODE



Picture mode gives you several viewing options to choose from to best match the surrounding environment of the TV, which can vary due to factors like ambient light, type of program watched or the type of device connected.

Press Picture button. Current picture mode displays.



**Standard:** For a highly defined image in a normal lighting.

**Movie:** For a movie.

**Vivid:** For a clear-cut image emphasizing high contrast, useful for sports viewing.

**Game:** Gaming.


**User:** Custom user profile settings. **PC:** For PC

# CLOSED CAPTIONS AND DIGITAL CLOSED CAPTIONS



Your TV is equipped with an internal Closed Caption decoder. It allows you to view conversations, narration and sound effects as subtitles on your TV. Closed Captions are available on some TV programs and on some VHS home video tapes at the discretion of the program provider.

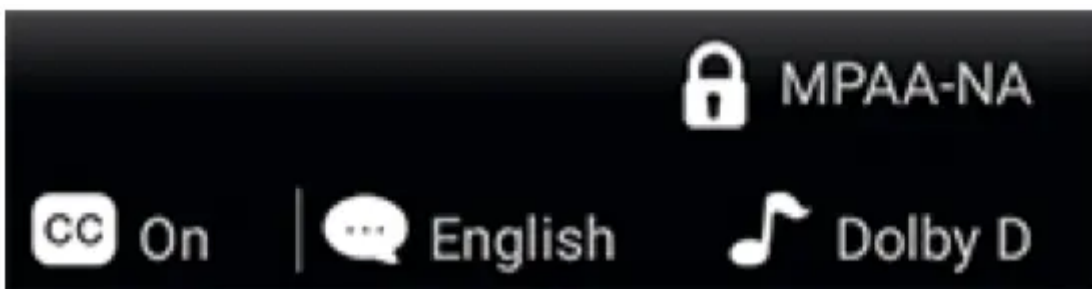
Digital Closed Caption service is a new caption service available only on digital TV programs (also at the discretion of the service provider). It is a more flexible system than the original Closed Caption system, because it allows for a variety of caption sizes and font styles. When the Digital Closed Caption service is in use, it will be indicated by the appearance of a 3-letter abbreviation that also indicates the language of the Digital Closed Captions: ENG (English), SPA (Spanish), FRA (French) or other language codes.

Not all programs and VHS videotapes offer closed captions. Please look for the  to ensure that captions will be shown.

In the Closed Caption system, there can be more than one caption service provided. Each is identified by its own number. The "CC1" and "CC2" services display subtitles of TV programs superimposed over the program's picture.

In the Closed Caption system, the "Text1" or "Text2" services display text that is unrelated to the program being viewed (e.g., weather or news). These services are also superimposed over the program currently being viewed.

1. Press CC.
  - This will present the Closed Caption information display.
2. Press CC while the Closed Caption information is still on the screen.
  - Press repeatedly until you select the desired closed caption service.



- Depending on the number of caption services in the signal being received, you will see information such as 1/2 or 1/4 displayed.

1/2 means "the first of two services".

**Example:**

If a program has three services (Digital CC(ENG), CC1 and Text1), the closed caption display will toggle in this sequence:





**Examples:**

In a case where there are two closed caption services provided (for instance, Digital CC(ENG) and CC1), and Digital CC(ENG) is displayed as your current selection, if Digital CC(ENG) is not broadcast for the next program, the other closed caption service, CC1, will be displayed in parentheses.

A closed caption service appears in parentheses because the service you selected is not available and a different service is displayed on your screen. 1/1(CC1) is displayed instead of 1/2/ENG.

**Note:**

- When the program contains no closed caption, -- displays in the closed caption information.
- If the language code, e.g. ENG, is not found on Digital TV programs, -- will be shown.
- Four kinds of closed caption service (CC1, CC2, Text1, Text2) are potentially available, but a broadcast may contain none or only some of these services at the discretion of the program provider.
- When a web page is displayed, Closed Captions are not available.
- You can have the same settings by choosing Change CC on the menu items.

# ASPECT MODE



You can select the screen size.




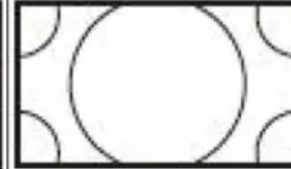
1. Press ASPECT.

- The Aspect Mode menu displays.
- The menu lists the Aspect Mode options selectable for the type of video signal currently being received.

2. Press ASPECT or GKProjA\_a/GKProjA\_b while the View Mode menu is displayed to select a desired item on the menu.

- You can sequentially select an Aspect Mode that has its own aspect ratio.

### FOR HD PROGRAMS

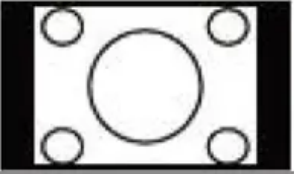



Stretch	Full Screen (Dot By Dot)	S. Stretch (Smart Stretch)	Zoom
			
Suitable for viewing wide-screen 1.78:1 aspect ratio program, stretch mode will still show very thin black bands at the top and bottom of the screen.	"Dot by Dot" when the number of pixels on the screen and the resolution of the signal are the same. "Full Screen" when the number of pixels on the screen and the resolution of the signal are different. In either case, the image fully fills the screen.	Suitable for stretching 4:3 programs to fill the screen.	Suitable for viewing wide-screen 2.35:1 aspect-ratio programs in full screen.

**Note:** When using Dot by Dot or Full Screen, it is possible to see noise or bars around different outer portions of the screen. Please change view mode to correct this.

### For 4:3 programs

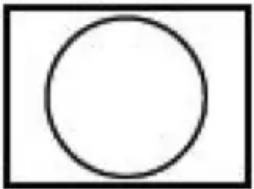
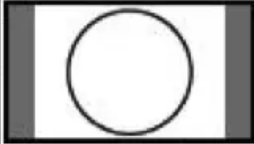
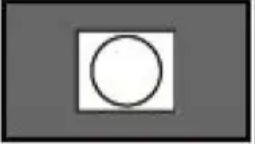

**Example:** Screen size images



Side Bar	S. Stretch (Smart Sketch)	Zoom	Stretch
			
Suitable for viewing conventional 4:3 programs in their normal format.	Suitable for stretching 4:3 programs to fill the screen.	Suitable for viewing wide-screen 2.35:1 anamorphic DVDs in full screen.	This mode is useful for 1.78:1 DVDs. When viewing 1.85:1 DVDs, stretch mode will still show very thin black bands at the top and bottom of the screen.

**For USB-Video and images**

**Example:** Screen size images

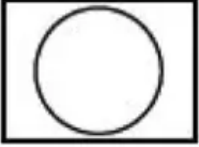
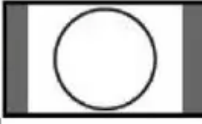

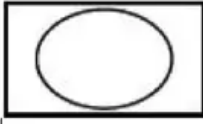
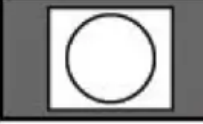
Input Signal	Auto	Original	Stretch
			
	Keeps the original aspect ratio in a full screen display.	Displays an image by an original size.	An image fully fills the screen.

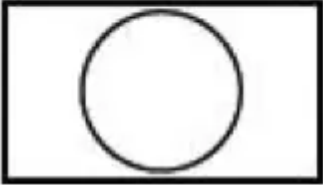
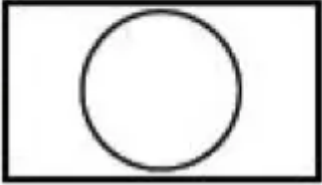
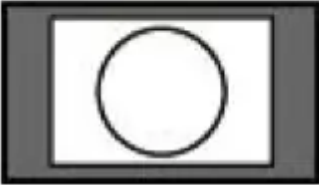
**For PC**

**Example:** Screen Size Images





Input Signal	Auto	Zoom	Stretch	Full Screen (Dot by Dot)
				
4:3	Keeps the original aspect ratio in a full screen display.	For viewing widescreen programs. The top and bottom of the image is cropped.	An image fully fills the screen.	Detects the resolution of the signal and displays an image with the same number of pixels on the screen.

Input Signal	Stretch	Full Screen (Dot by Dot)
		
16:9	An image fully fills the screen.	Detects the resolution of the signal and displays an image with the same number of pixels on the screen.

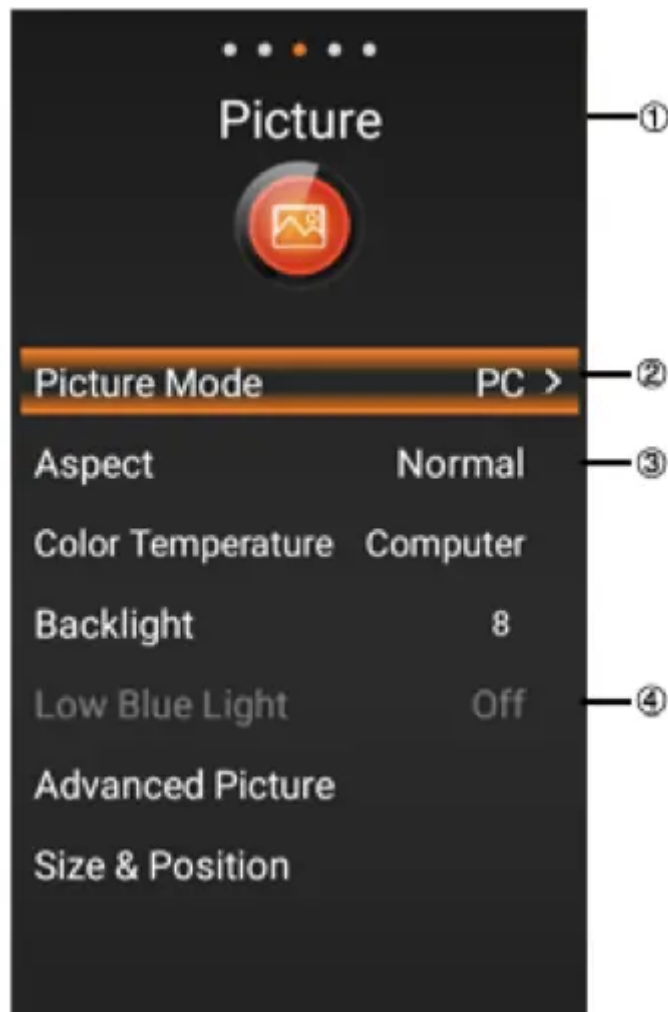
**Note:** Connect the PC before making adjustments. See the Setup Guide. Selectable screen size may vary with input signal type

## On-Screen Display Menu



Introduction





#### 1. User Menu Option Title

- This indicates the item currently selected.
- Press ENTER to go to the adjustment screen for this item.

#### 2. Highlighted Menu Option

- This indicates the currently selected item.

#### 3. Item displayed in white

- This indicates that the item can be selected.

#### 4. Item displayed in gray

- This indicates that the item cannot be selected.
- There are various reasons why the items cannot be selected, but the main reasons are as follows:
  - Nothing is connected to the selected input terminal.
  - The function is not compatible with the current input signal.

— When this conflicts with other functions, you must change the settings for the other functions.

### **About Menu Items**

- Some menu items may not be displayed depending on the selected input source.

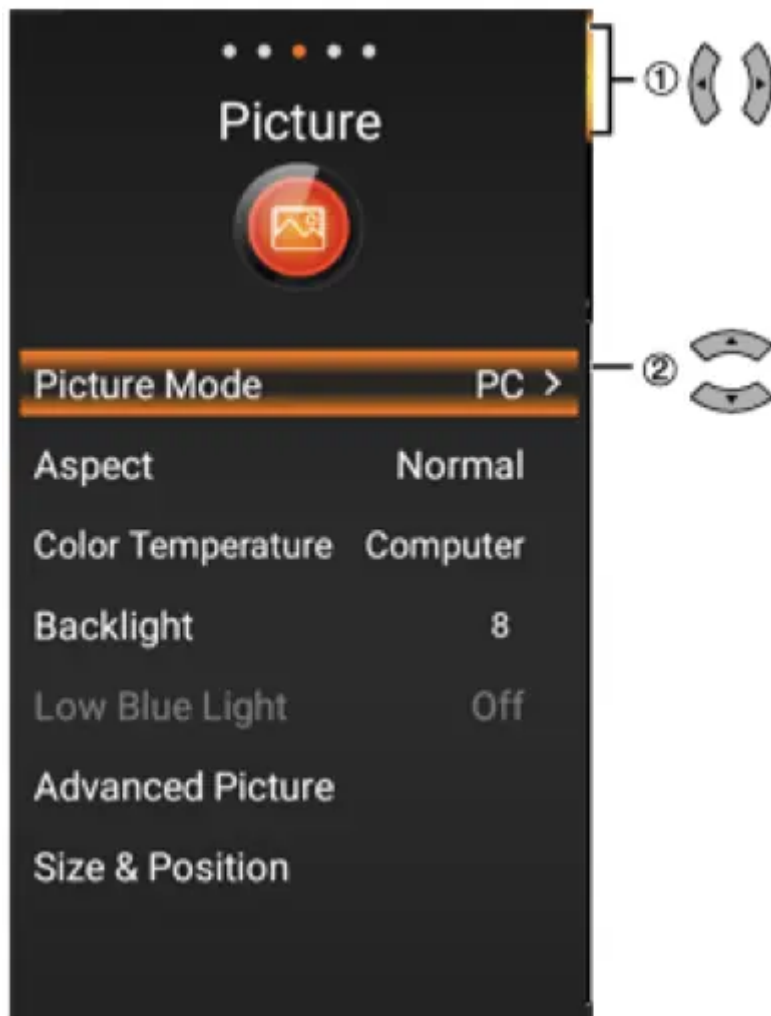
#### **Note:**

- The screens in the operation manual are for explanation purposes (some are enlarged, others cropped) and may vary slightly from the actual screens.
- The order of explanations for each menu item in the following pages is not necessarily in accordance with the alignment of the items on the screen.


## ON-SCREEN DISPLAY MENU OPERATION








1. Press MENU to display the MENU screen.

2. Press  to select the desired menu.

Press  to select a specific adjustment item, and then press ENTER.

- Additional related adjustment items may be displayed. Press  to select the desired item.

3. Press MENU to Exit


## MENU OPERATION BUTTONS



## Using the Remote Control

Use the following buttons on the remote control to operate the menu.

**MENU:** Press to open or close the menu screen.

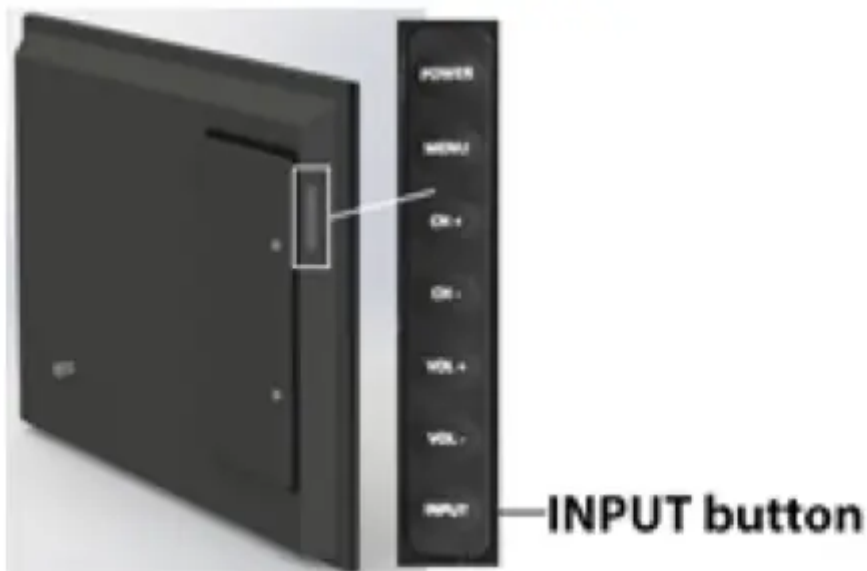
: Press to select a desired item on the screen or adjust a selected item. **ENTER:** Press to go to the next step or complete the setting.

**BACK:** Press to return to the previous step.

## Using the Control Panel Of The Tv

You can also operate the menu with the control panel of the TV.

Button operations on the control panel correspond to the ones on the remote control as shown below.



**MENU:** MENU on the remote control.

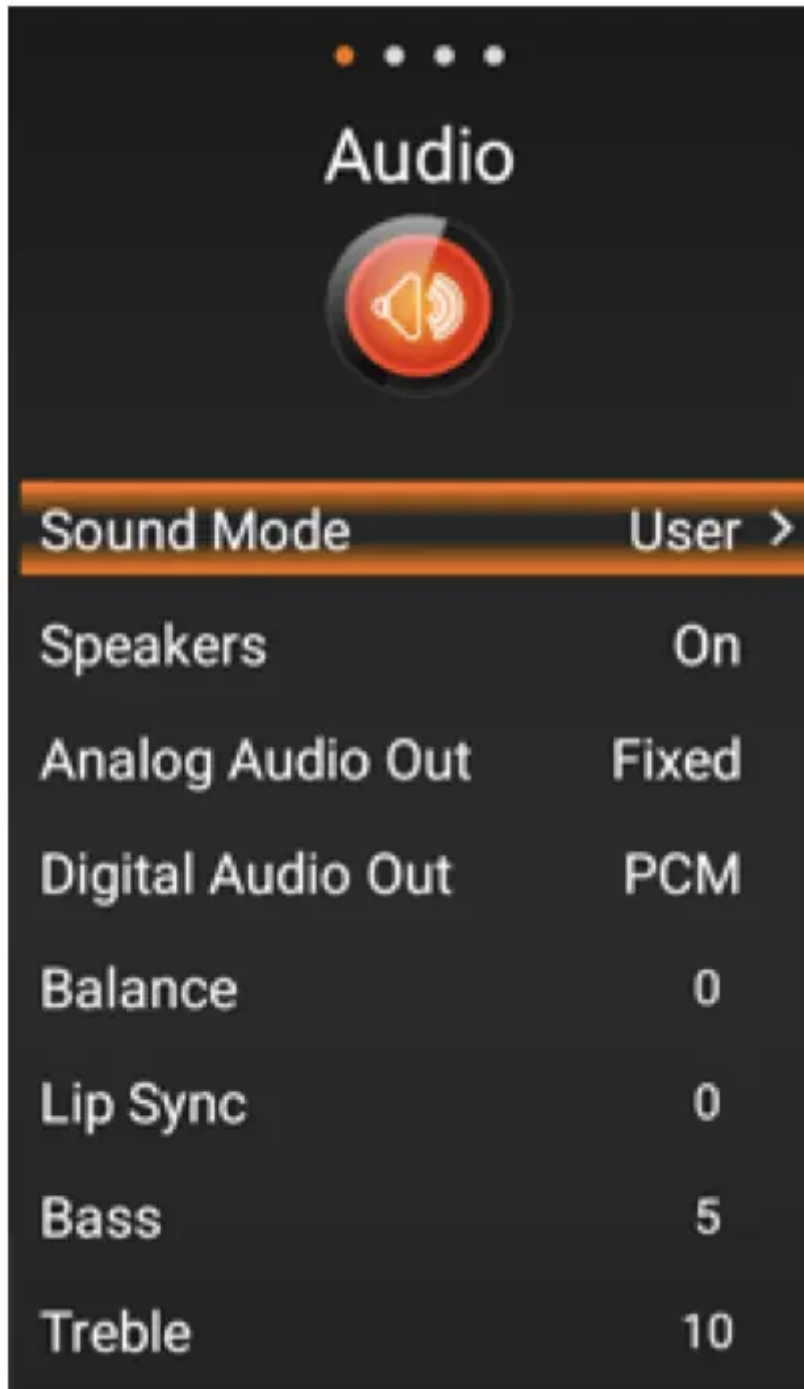
**INPUT:** ENTER on the remote control.

**CH +/- :** Cursor  on the remote control.

**VOL +/-:** Cursor  on the remote control.

# Audio

## AUDIO



**Note:** For operating the on-screen display menu. See pages 24-26.

### Sound Mode

Enter to select various sound mode presets

Movie/Music/Sport/User

### Speakers

Turn the TV internal speakers on or off

### **Analog Audio Out**

Set the output of the 3.5mm Analog Audio output. Fixed/Variable

### **Digital Audio Out**

Set the output mode of the TosLink digital audio (Off/Dolby Digital/PCM) Balance Set the balance to the Left and Right speaker, default is 0 left and right equal output.

### **Lip Sync**

Set this to adjust the audio delay related to video

**Note:** Bass and Treble adjustments available in User Audio preset only.

### **Bass**

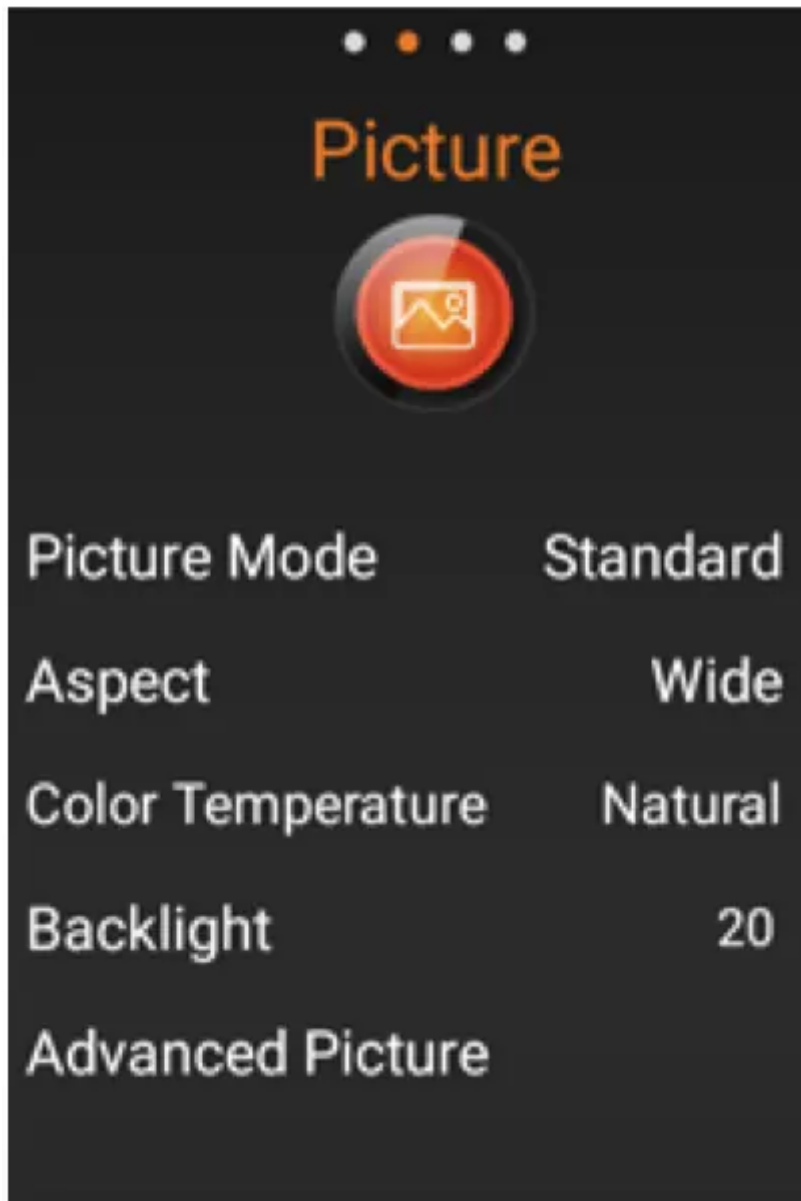
Adjust the low end audio frequency output (-12/+12) default 0

### **Treble**

Adjust the high end audio frequency output (-12/+12) default 0

## On-Screen Display Menu

### PICTURE



**Note:** For operating the on-screen display menu. See pages 24-26.

#### **Picture Mode**

Select Picture Mode Preset Settings (Standard/Movie/Vivid/Game/User/ PC)

#### **Aspect**

Select the aspect mode used when displaying various content (Normal/ Wide/Zoom/Stretch)

#### **Color Temperature**

Select the color temperature of the white areas in the video content (Natural/Warm/Computer/ Cool)

**Backlight**

Set the backlight brightness (0-20)

**Advanced Picture**

Select this option to adjust various picture quality settings

## ADVANCED PICTURE

# Picture



<b>Contrast</b>	◀ 0 ▶
Brightness	0
Color	10
Tint	0
Sharpness	10
Motion Enhancer	Medium
Color Enhancement	Normal
Dynamic Contrast	Medium
Noise Reduction	Low
Local Dimming	Medium
Low Latency	Off
Gamma Adjustment	2.2
Film Mode	Auto

**Note:** For operating the on-screen display menu. See pages 24-26.

### **Contrast**

Adjust the picture contrast

### **Brightness**

Adjust the picture brightness

### **Color**

Adjust the color saturation of the picture

### **Tint**

Adjust the tint of the picture

### **Sharpness**

Adjust the sharpness of the picture, useful when source is high resolution PC or graphics

### **Motion Enhancer**

Adjust the sharpness of the picture displaying high motion video content

### **Color Enhancement**

Adjust the enhancement of overall picture color

### **Dynamic Contrast**

Contrast is adjusted automatically based on content (Off/Low/Medium/ High)

### **Noise Reduction**

Feature to remove digital artifacts contained in some video content (Off/ Low/Medium/High)

### **Local Dimming**

Backlight is dimmed in zones based on content (Off/Low/Medium/High)

### **Low Latency**

Select On to reduce video delay when gaming.

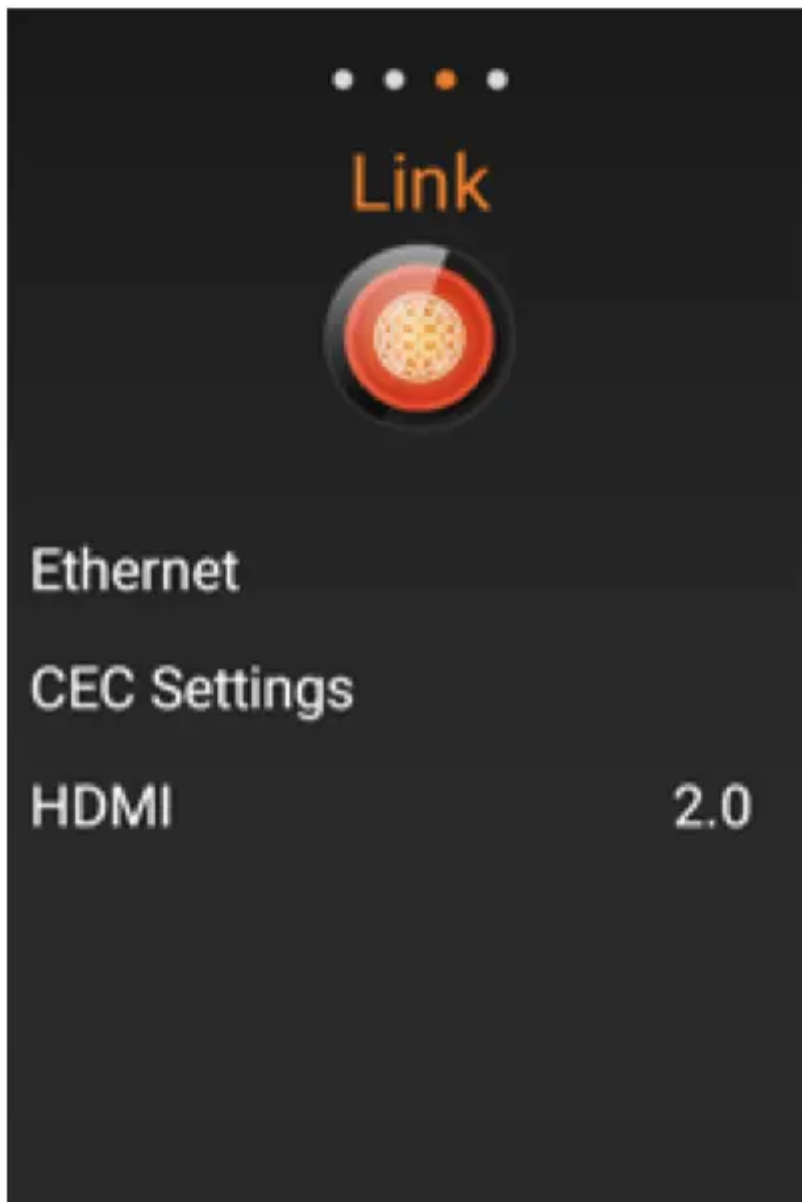
### **Gamma Adjustment**

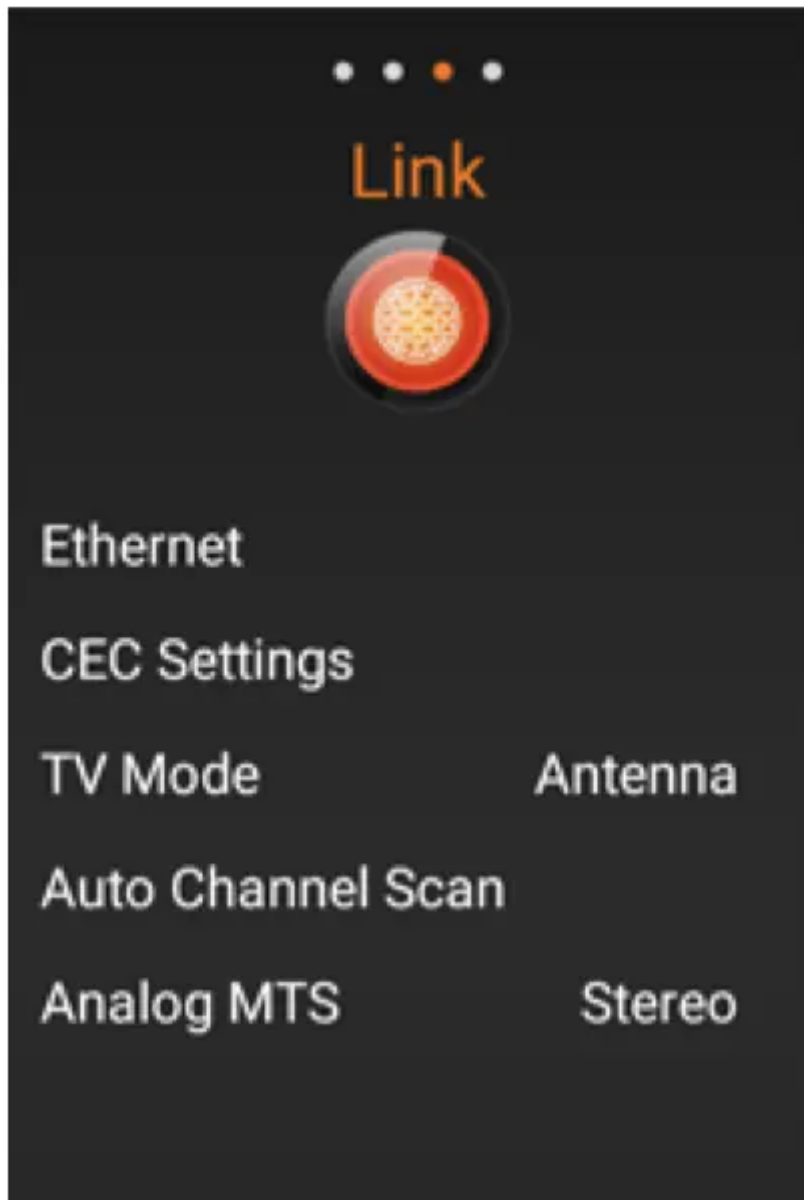
Adjust the correction to the light and dark areas of the picture (Default 2.2) (Range from 1.8 to 2.4)

### **Film Mode**

When film content is detected, picture will be optimized. For best picture, set to Auto

# LINK





**Note:** For operating the on-screen display menu. See pages 24-26.

**Ethernet**

Select to change the ethernet network type from DHCP(Dynamic) or Static

**CEC Settings**

Select to change Link CEC Control settings

**HDMI (Mode)**

Select 2.0 for EDID 2.0 full 4k, Select 1.4 for legacy EDID 1.4 4k/30 support Available only when HDMI input is selected

**TV Mode**

Select to change the tuner mode type (Antenna/Cable)

**Auto Channel Scan**

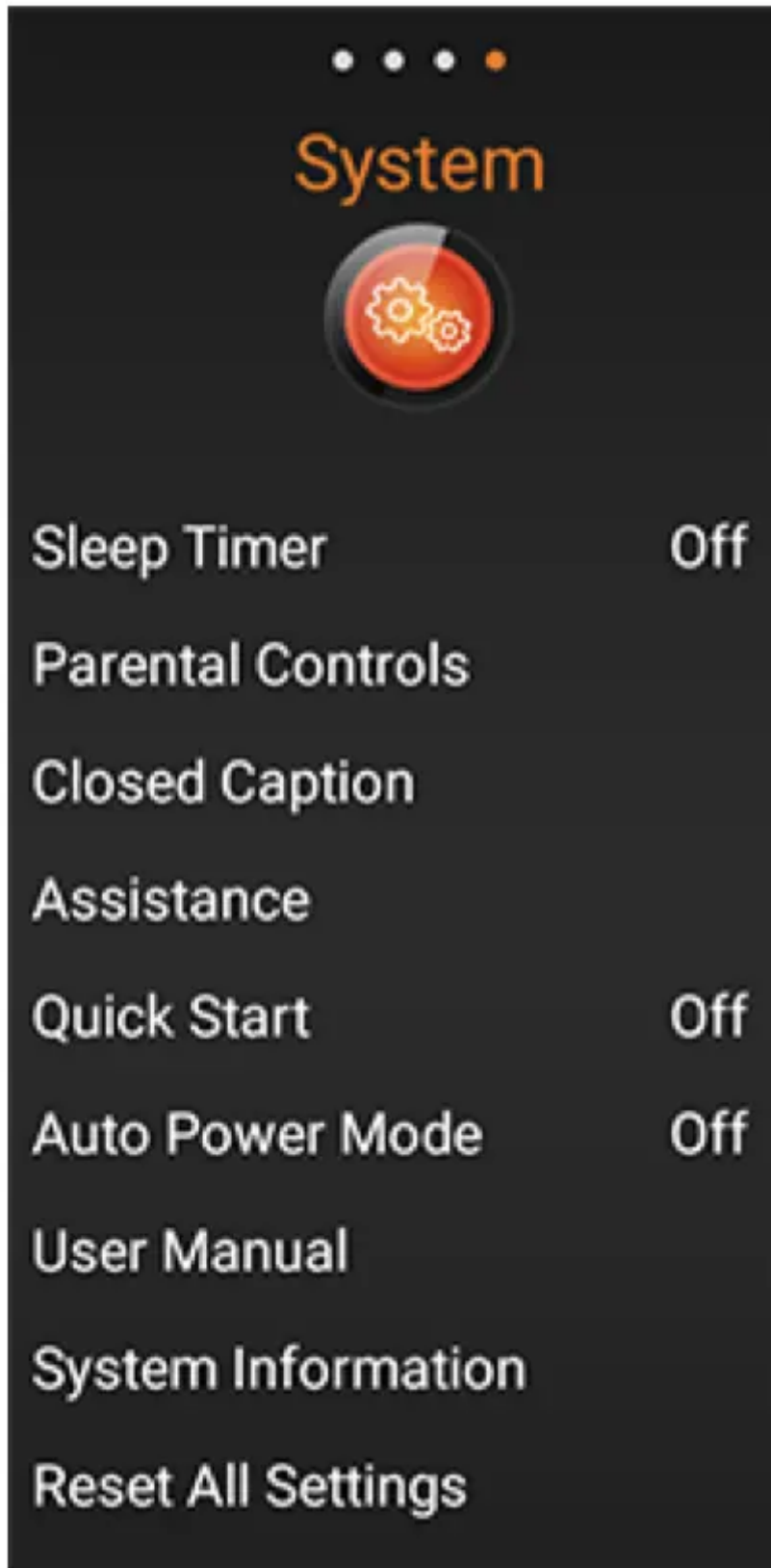
Select to scan and learn channels from the cable or antenna signal input.

### **Analog MTS**

Select the default multichannel television sound used during a cable or antenna broadcast, Stereo, SAP or Mono. (default Stereo)



## SYSTEM



**Note:** For operating the on-screen display menu. See pages 24-26.

**Sleep Timer**

Set the time for auto turn off of the TV (30/60/90/120/180 minutes)

Same function as remote sleep button.

### **Parental Controls**

Available only when TV(Tuner) input is selected.

Default password is 0000 Select parental controls on TV channels based on the contents rating.

### **Closed Caption**

Available only when TV(Tuner) input is selected.

Select options for displaying closed caption text on the content.

### **Quick Start**

Enable allows the TV to start faster when the power on button is pressed. TV will use more power in this mode.

Must be enabled to fully enable IP control.

### **User Manual**

Select this option to display the manual you are currently reading.

### **System Information**

Displays detailed TV information, see page 4-21 for more details

### **Reset All Settings**

Restore all TV settings to factory default

# System



Model Name SB-V-43-4KHDR-B

Revision v0.8.5\_r1824

Input Source HDMI2

Video Timing 0x0

Content Frequency 60.0

Network Type Ethernet

IP Address 10.0.1.144

Gateway 10.0.1.1

Prefix Length 24

Pref. DNS 10.0.1.1

Alt. DNS

RJ45 MAC 00:30:1b:ba:02:db

**Note:** For operating the on-screen display menu. See pages 24-26.

**Model Name**

SunBriteTV model number of your outdoor TV

**Revision**

Current firmware version

**Input Source**

Current source input selected

**Video Timing**

TBD

**Content Frequency**

Input source frame rate, 60(hz) is typical

**Network Type**

Ethernet - wired network connection to the rear RJ45 jack

**IP Address**

IPV4 network address assigned to the TV

**Gateway**

IPV4 network address of the local network gateway

**Prefix Length**

Number of bits in the subnet (24=255.255.255.0)

**Pref. DNS**

Preferred network name server

**Alt. DNS**

Alternate network name server

**RJ45 MAC**

Hardware address of the TV network adapter

## Using LINK Operation

### CONTROLLING HDMI EQUIPMENT USING LINK CEC OPERATION

#### What's LINK Operation?

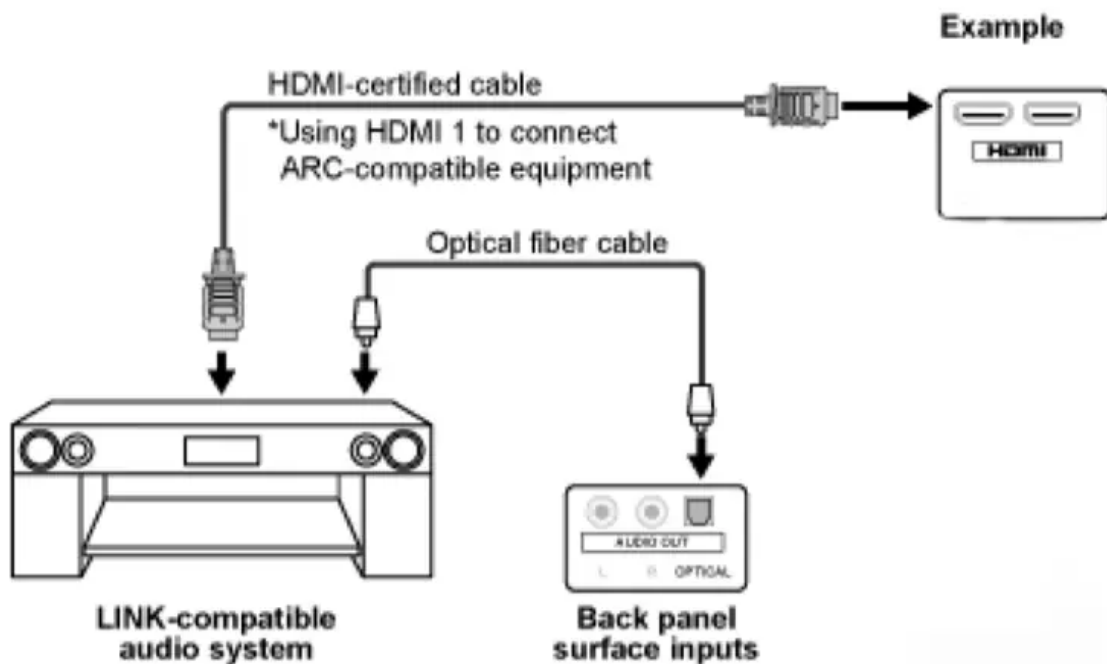
- Using the HDMI CEC (Consumer Electronics Control) protocol, with LINK Operation you can interactively operate compatible system equipment (Blu-ray disc equipment, AV amplifier, DVD).



- To access this function: System Operation > Initial Setup > Input Settings > Link Setup > Link Operation.

**Note:**

- For connecting the TV to LINK-compatible equipment, use commercially available cables.
- Point the remote control toward the TV, not to connected HDMI equipment.
- Video noise may occur depending on the type of HDMI cable used. Make sure to use an HDMI-certified cable.
- Up to 3 pieces of HDMI recording equipment and one AV amplifier can be connected using this system.
- These operations affect the HDMI equipment selected as the current input source. If the equipment does not operate, turn on the equipment and select the appropriate input source using INPUT.
- The LINK feature may not operate properly when an HDMI splitter or AV selector unit is used. These devices may cause interruptions to the image and/or sound.



Connected LINK-compatible devices can be operated without changing the settings of the remote control unit.

**Control the Link-Compatible Audio System**

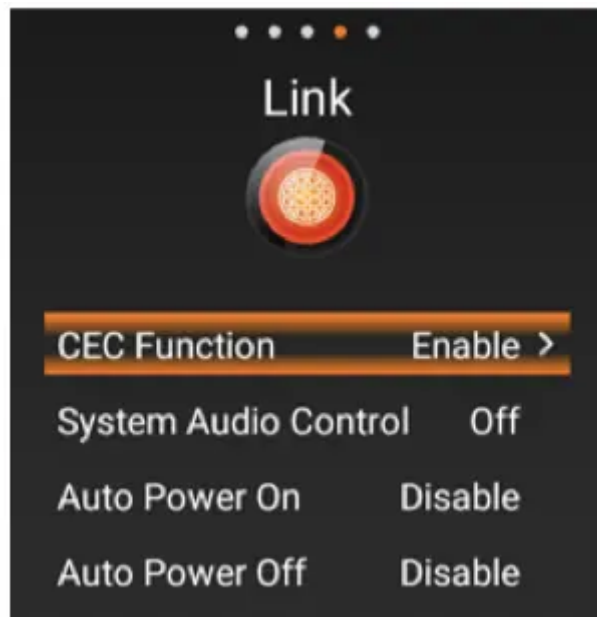
Set the volume of LINK-compatible audio system.

**Note:**

- The steps in "LINK Setup" on page 41 need to be completed beforehand.



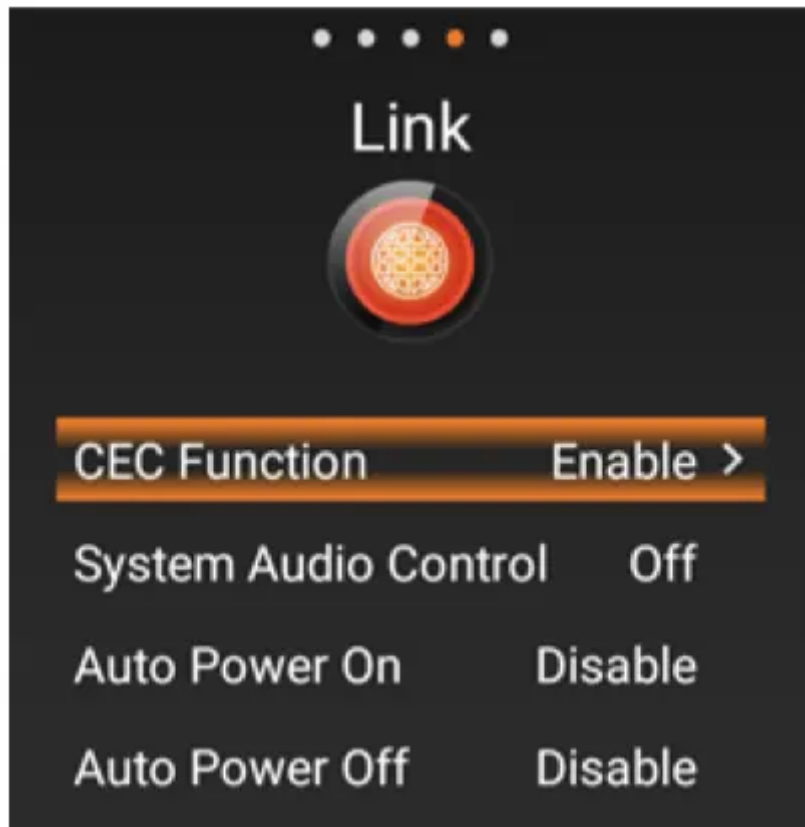
- Refer to this operation manual and the operation manual of the LINK device to be used with this TV.



### LINK Setup

Make the settings to use LINK Operation. Set the settings with "Menu" > "Link" > "CEC Settings".





### **CEC Function**

Select CEC Function to disable the LINK function even when a LINK-compatible HDMI device is connected to the TV. This function prevents the device from turning on or off unexpectedly due to a CEC command from the source device.

### **System Audio Control(ARC)**

This function allows you to listen to the TV audio via audio equipment without using an optical fiber cable, which conventionally is required.

Requirements for using an ARC-compatible AV amplifier:

- ARC-compatible AV amplifier connected to the ARC-compatible HDMI terminal. (HDMI 2) (Refer to the operation manual of the ARC-compatible equipment for details.)
- Use of an ARC-compatible cable. Note:
- If the TV audio cannot be output from the AV amplifier even after making the necessary settings, connect the TV to the AV amplifier with an optical fiber cable and select "Off".

### **Auto Power On**

If this is enabled and the source device has CEC enabled the TV will automatically turn on and plays back the content from the HDMI source.

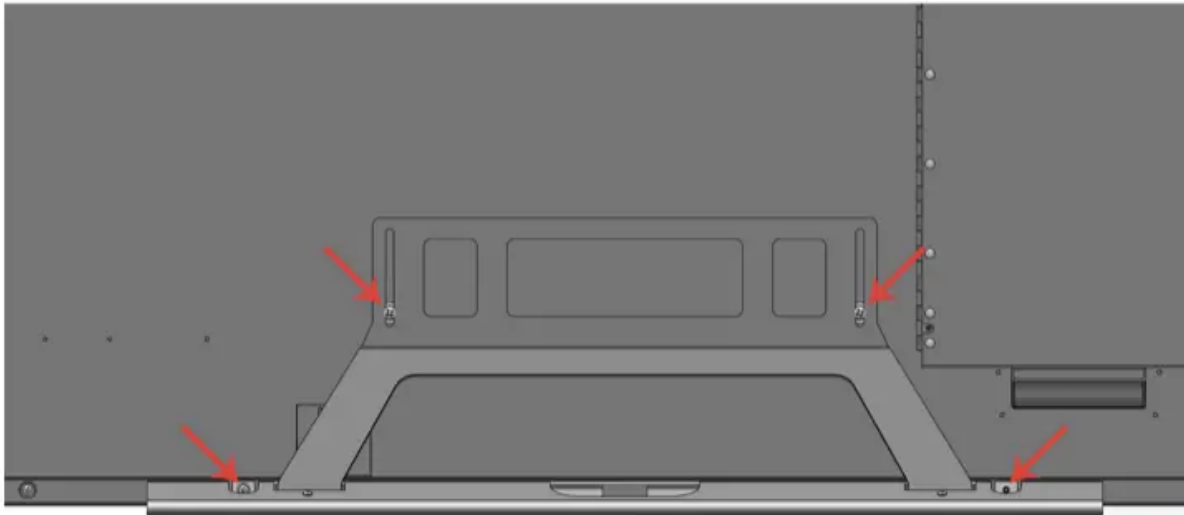
### **Auto Power Off**

If this is enabled and the source device has CEC enabled the TV will automatically turn on and plays back the content from the HDMI source.

## Appendix

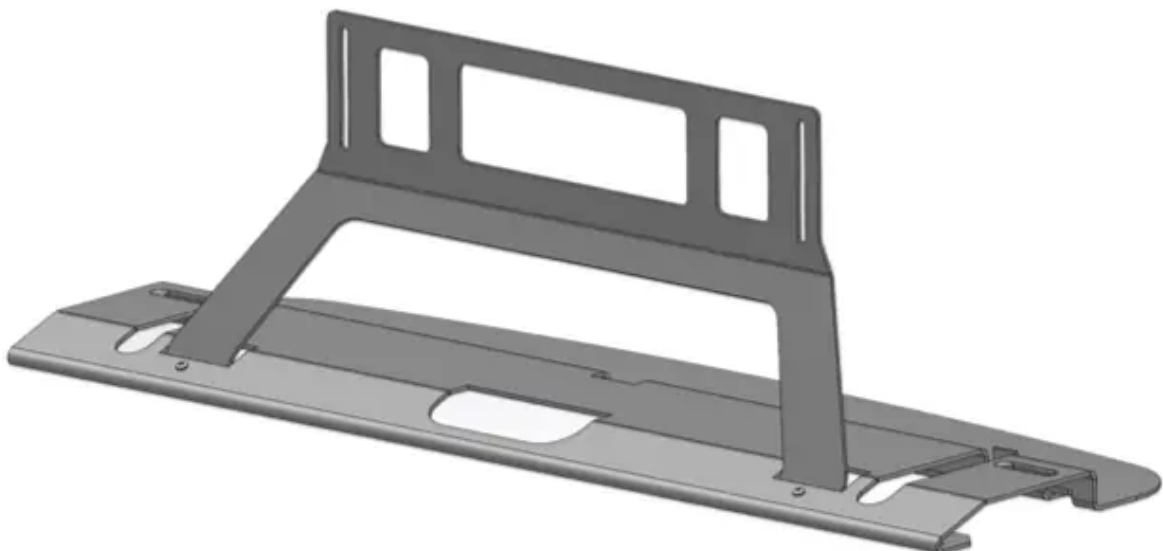
### TV STAND

- Before detaching (or attaching) the stand, make sure to turn off the TV and unplug the AC cord.



1. Unfasten the four screws used to secure the stand in place.

**Example:**



2. Attach the stand to the TV.

If necessary secure the stand to the table surface before attaching to the TV. Secure the stand to the TV using all 4 screws as shown.

**Note:**

- Be sure to always carry the TV by two people holding it with two hands.

### OPTIONAL SPEAKER BAR

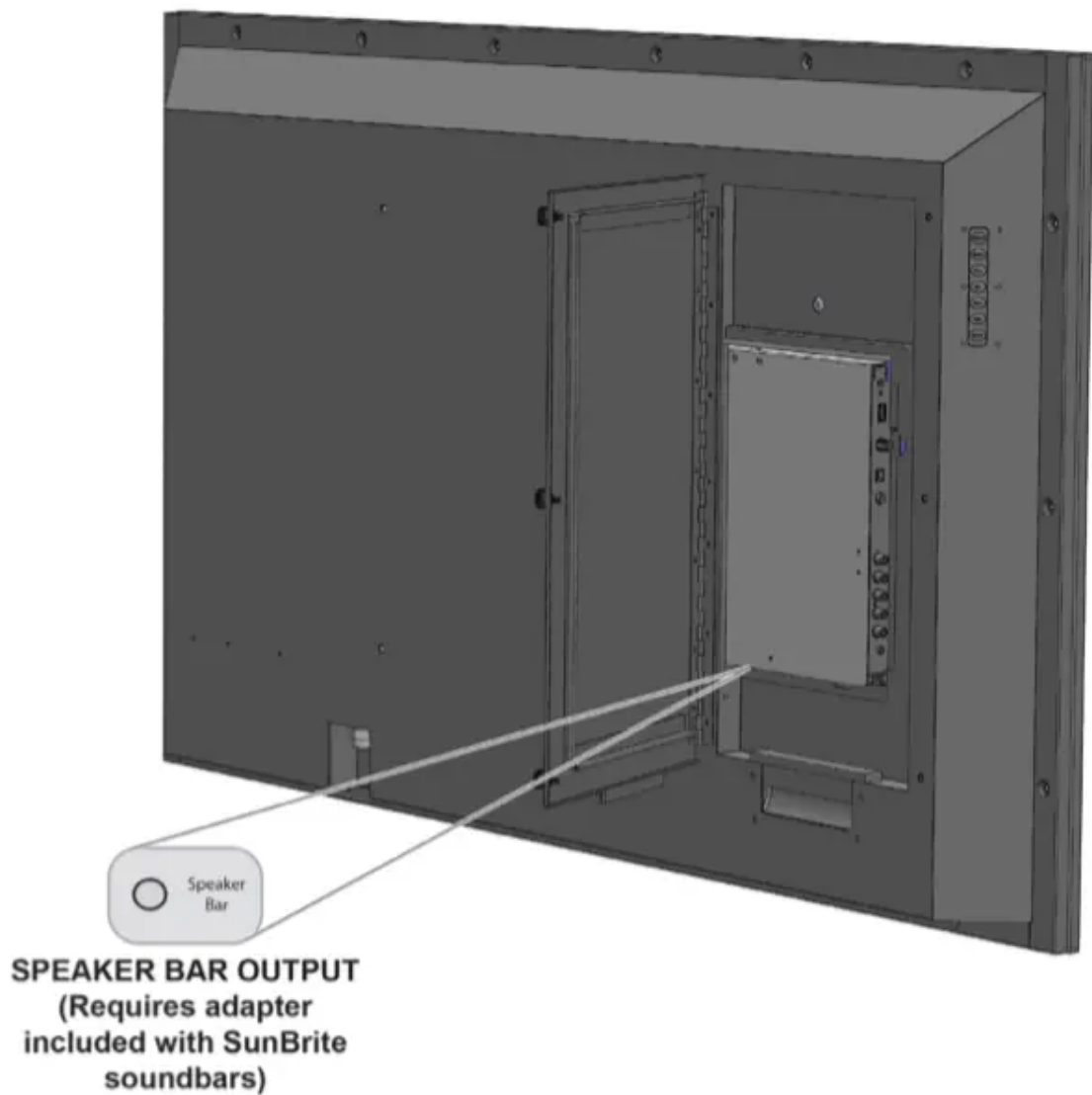
The optional speaker bar and required adapter cable is not included in the purchase of a SunBrite TV. These accessories are available at [SunBriteTV.com](http://SunBriteTV.com), local dealer or reseller. Before detaching (or attaching) the speaker, make sure to turn off the TV and unplug the AC cord.



1. Mount the speaker bar to the bottom of the Veranda Outdoor TV.



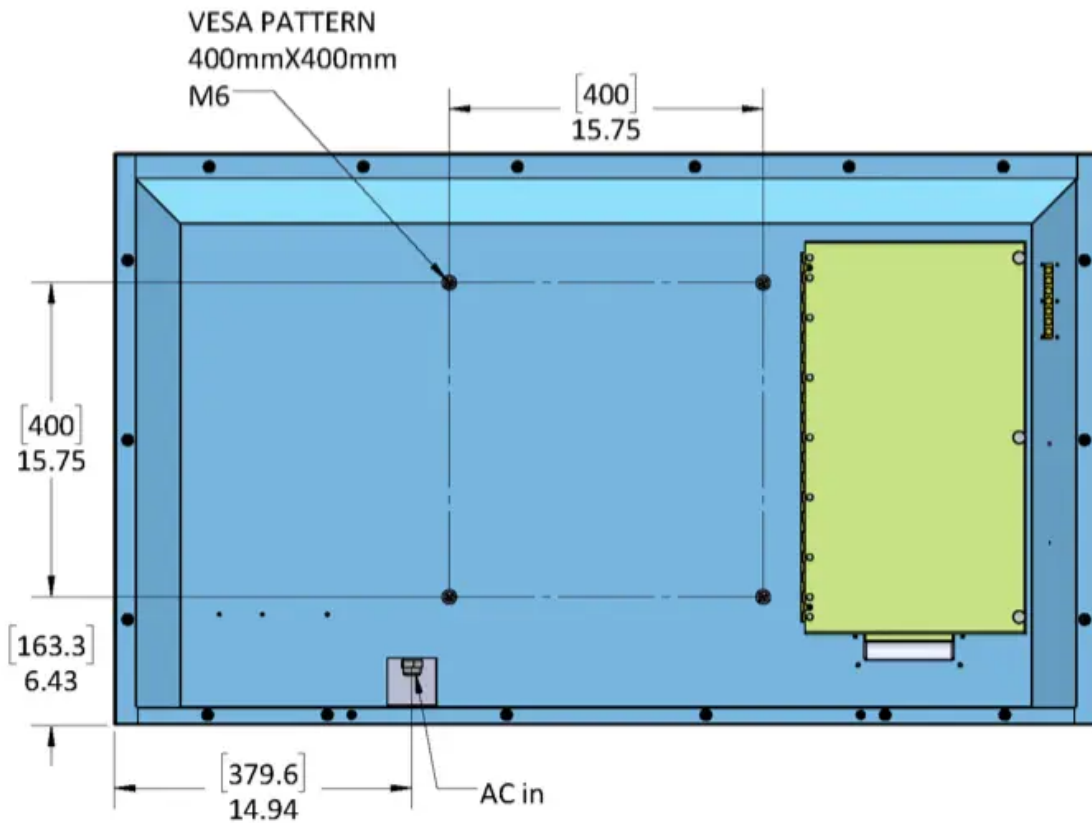
2. Attach the 4 conductor Din adapter to the speaker bar connector and then plug the 3.5mm plug inside the cable bay into the speaker bar output.



## MOUNTING THE TV ON THE WALL

Standard dimensions for wall mount kits are shown below. Visit [www.SunBriteTV.com](http://www.SunBriteTV.com) for information on all available mounts.

55"



- The mounting means should be strong enough to bear the weight of the display.
- The wall mounting bracket should have UL or related approval

<b>Wallmount Dimensions (A x B)</b>	SB-V-43-4KHDR 200mm x 200mm SB-V-55-4KHDR SB-V-65-4KHDR SB-V-75-4KHDR 400mm x 400mm
<b>Wallmount Screws</b>	M6

### **Cautions** Regarding use in High and Low Temperature Environments

When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.

Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the front panel to malfunction.

Storage temperature: -24°F to +140°F (-31°C to +60°C)

The example of an error message displayed on a screen	Error code	Possible Solution
<p><b>An incompatible audio signal has been received. Check the output device settings</b></p>	<p>—</p>	<p>This message is displayed when an audio format other than PCM, DTS or Dolby Digital is input.</p> <ul style="list-style-type: none"> <li>- Set the audio output format of connected external HDMI equipment to PCM or Dolby Digital.</li> <li>- Refer to the operation manual of the external equipment for setting details.</li> </ul>

**CARING FOR THE LCD PANEL:**

1. To clean the LCD Panel, turn the TV off and gently wipe the surface of the display panel with a water damp microfiber, cotton or flannel cloth. (Do not use tissues, rags, sponges or paper towels which may damage the screen or leave behind lint).
2. If the LCD panel is very dirty, mix equal parts of isopropyl alcohol and distilled water in a clean spray bottle, and spray the mixture onto a microfiber, cotton or flannel cloth (do not spray the solution directly on the panel) and gently wipe the panel clean.
3. Keep the TV covered with the optional SunBriteTV Outdoor Dust Cover when not in use.
  - The fitted dust cover is designed to protect the LCD panel from harmful UV rays from direct sunlight, and keeps wind-blown objects from scratching the surface of the panel.
  - To order a Dust Cover, contact your Authorized SunBrite dealer, SunBrite Customer Care at 866.357.8688, or visit sunbrite.tv.



# Troubleshooting

## TROUBLESHOOTING



Problem	Possible Solution
<b>No power</b>	<ul style="list-style-type: none"> <li>• Check if you pressed POWER on the remote control unit.</li> <li>• Is the AC cord disconnected?</li> <li>• Has the power been turned on?</li> </ul>
<b>Unit cannot be operated.</b>	<p>External influences such as lightning, static electricity, may cause improper operation. In this case, operate the unit after first turning off the power of the TV or unplugging the AC cord and replugging it in after 1 or 2 minutes.</p>
<b>Remote control unit does not operate.</b>	<ul style="list-style-type: none"> <li>• Is the equipment to be operated by the remote control unit set correctly? Press TV to set the remote control unit to the setting for operating the TV.</li> <li>• Are batteries inserted with polarity (+, -) aligned?</li> <li>• Are batteries worn out? (Replace with new batteries.)</li> <li>• Are you using it under strong or fluorescent lighting?</li> <li>• Is a fluorescent light illuminated near the remote control sensor?</li> </ul>
<b>Picture is cut off/with sidebar screen.</b>	<p>Are screen mode adjustments such as picture size made correctly? Pages 21 to 23.</p>
<b>Strange color, light color, or color misalignment</b>	<ul style="list-style-type: none"> <li>• Adjust the picture tone Pages 28-29.</li> <li>• Is the room too bright? The picture may look dark in a room that is too bright.</li> </ul>
<b>Power is suddenly turned off.</b>	<ul style="list-style-type: none"> <li>• Is the sleep timer set? Page 16</li> <li>• Check the power control settings. Page 31</li> </ul>
<b>No picture</b>	<ul style="list-style-type: none"> <li>• Is connection to other components correct?</li> <li>• Is the correct input selected? Page 9</li> <li>• If the PC image is not displayed, check the following:  When connecting a laptop PC to the TV, check that display output mode of the PC is set to external monitor.</li> </ul>

<p><b>Picture quality of HD programs is poor.</b></p>	<ul style="list-style-type: none"> <li>• To enjoy HD images from external equipment, you are required to set up HDMI connection or component connection.</li> <li>• If the program content is not of HD quality, HD images cannot be displayed. Check that the program you are viewing provides HD images.</li> <li>• The HD cable/satellite set-top box may need to be configured to output HD images via cable/satellite.</li> <li>• The cable/satellite broadcast may not be in full 1080 HD or 4K</li> </ul>
<p><b>The TV sometimes makes a cracking sound.</b></p>	<p>This is not a malfunction. This happens when the cabinet slightly expands and contracts according to change in temperature. This does not affect the TV's performance.</p>

<p><b>No sound</b></p>	<ul style="list-style-type: none"> <li>• Is connection to other components correct?</li> <li>• Is the volume too low?</li> <li>• Is "Variable" selected in "Output Select"?</li> <li>• Have you pressed MUTE on the remote control unit?</li> <li>• Check the audio output of the connected external equipment. Is the volume too low or muted?</li> <li>• When external equipment is connected via an HDMI cable, you may need to configure the audio to be output through the HDMI cable.</li> <li>• When audio is not output from external equipment connected to the HDMI 2 terminal, check the Digital Audio Out setting.</li> <li>• When connecting a PC via an HDMI-certified cable, check the following: <ul style="list-style-type: none"> <li>• Is the audio output of the PC configured correctly?</li> </ul> </li> </ul> <p>Check the audio output settings and output audio format in Sound Properties on the PC.</p> <ul style="list-style-type: none"> <li>• The audio formats compatible with this TV are PCM and Dolby Digital. With other formats, audio cannot be output.</li> </ul>
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**Cautions Regarding Use In High And Low Temperature Environments**

- When the unit is used in a low temperature space, the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.



- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the front panel to malfunction.
- Storage temperature: -4°F to +140°F (-20°C to +60°C)

## TROUBLESHOOTING - ERROR MESSAGE

The Example of an Error Message Displayed on a Screen	Error Code	Possible Solution
<p><b>An incompatible audio signal has been received. Check the output device settings.</b></p>	<p>—</p>	<p>This message is displayed when an audio format other than PCM, DTS or Dolby Digital is input.</p> <ul style="list-style-type: none"> <li>• Set the audio output format of connected external HDMI equipment to PCM or Dolby Digital.</li> <li>• Refer to the operation manual of the external equipment for setting details.</li> </ul>

### 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.

