

3.1 TV Audio Mount™ Soundbar System

Model Number TVAMSBAR3.1-35

*Television Wall Mount with Integrated 3.1 Sound System with
Dolby Digital Technology*



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SAFETY INSTRUCTIONS

Please read this entire manual carefully before mounting the system to avoid bodily injury and/or any property loss. If you do not understand these directions, or have any doubts about the safety of the installation, please call a qualified contractor or contact the Audio Solutions™ customer service department. Please check carefully to ensure there are no missing or defective parts. Our customer representatives can quickly assist you with installation questions and missing or defective parts. Replacement parts for products purchased through authorized dealers will be shipped to you directly. Do not attempt to use any parts not provided by the manufacturer. Using other screws could cause injury or property loss. Never use defective parts, as improper installation may cause damage or serious injury. Do not use this product for any purpose not explicitly specified by Audio Solutions™. Audio Solutions™ cannot be liable for damage or injury caused by incorrect mounting, incorrect assembly, or incorrect use.

- Read these instructions – All the safety and operating instructions should be read before this product is operated.
- Keep these instructions – The safety and operating instructions should be retained for future reference.
- Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions – All operating and use instructions should be followed.
- **Never attempt to install the Audio Mount™ in a hollow wall.**
- Do not use this apparatus near water – The appliance should not be used near water or moisture –for example, in a wet basement or near a swimming pool, and the like.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Slots and openings in the TV Audio Mount™ Soundbar System are required for proper ventilation. Please ensure that these openings are not blocked and that no items are placed inside the

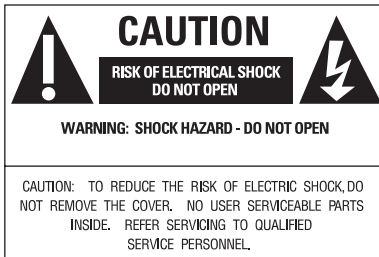
slots. Blocking the ventilation openings may cause the system to overheat, which may result in injury or property loss.

- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- When the system is connected to a power outlet, the power is always flowing into the system. To totally disconnect power you must unplug the power cord.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Please keep the unit in a well-ventilated environment.



SAFETY INSTRUCTIONS

- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- **WARNING:** The wall socket plug is used as disconnect device, the disconnect device shall remain readily operable.



- This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
 - The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.
 - **WARNING:** To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
 - The apparatus should be connected to an electrical wall outlet with a protective grounding connection.
 - Always replace a fuse with the same value as the original fuse.
 - Do not overload your extension cords or power strips, as this can result in an electric shock or fire.
- Do not attempt to service or repair your TV Audio Mount™ Soundbar System yourself. Opening the cover will expose you to high voltages and other hazards. Servicing is required when the apparatus is damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. If repair is required, please contact your dealer or refer to a qualified service person.
 - Do not install your TV Audio Mount™ Soundbar System in an area subject to outside elements, snow, moisture or high humidity. ***This device is designed for indoor use only.***
 - If any of the following occurs, please contact Audio Solutions™.
 - The system is exposed to rain or other moisture.
 - The power cord is frayed.
 - The system is dropped or is damaged in any way.

GETTING STARTED

Introduction

Congratulations on the purchase of your new Audio Solutions™ 3.1 TV Audio Mount™ Soundbar System. For maximum benefit, please read the entire manual before beginning installation and operation. With proper usage, you will experience many years of high quality audio sound from your system.

Please register your TV Audio Mount™ Soundbar System at the following address: www.audiosolutions.com
Have your serial number and date of purchase available before you attempt to register.

For future reference, write the serial number found on the TV Audio Solutions™ Soundbar System, as well as the purchase date, in the spaces provided below.

SN# _____

Purchase Date _____

Opening the Package

The TV Audio Mount™ Soundbar System and its accompanying accessories have been carefully packed in a carton designed to protect it from transportation damage. After opening the carton, check that your system is in good condition and that all listed contents are included.

Save the carton and packing material for future shipping.

Package Contents


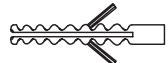

- 3.1 TV Audio Mount™ Soundbar System
- Power Cord
- Remote Control
- Two AAA Batteries
- Cardboard Mounting Template
- Allen Wrench
- Mounting/Assembly Hardware
- This User Manual

Mounting Instructions












Please read all enclosed instructions and verify hardware contents carefully before mounting.







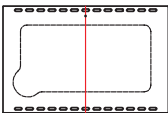
GETTING STARTED

Wall Plate Mounting Hardware

#	Part Image	Description	Qty
1		Hex Head Lag Bolt	6
2		Plastic Insert	6
3		M8 Washer	6

TV Bracket Assembly Hardware

#	Part Image	Description	Qty
A		M4 x 12 Bolt	4
B		M5 x 12 Bolt	4
C		M6 x 12 Bolt	4
D		M8 x 16 Bolt	4
E		M4 x 30 Bolt	4
F		M5 x 30 Bolt	4
G		M6 x 35 Bolt	4
H		M8 x 40 Bolt	4
I		M4/M5 Spacer	4
J		M8/M6 Spacer	4
K		M4/M5 Washer	4

#	Part Image	Description	Qty
L		M6/M8 Washer	4
M		M4 Washer	4
N		M5 Washer	4
O		M6 Washer	4
P		M8 Washer	4
Q		5x5mm Allen Wrench	1
R		Cardboard Template	1

INSTALLATION

STEP 1

Read and understand all of the enclosed instructions and verify that all parts are present and appear in good working order before you begin.

NOTE: You will need at least 2 people to finish this mounting procedure. To avoid possible injury, do not attempt to mount the TV alone.

STEP 2

Use the supplied Allen wrench to loosen the socket screws (A) on each side of the lower pole (Figure 1). You can then separate the unit into two parts: the TV bracket connection (Figure 2) and the system wall plate (Figure 3).

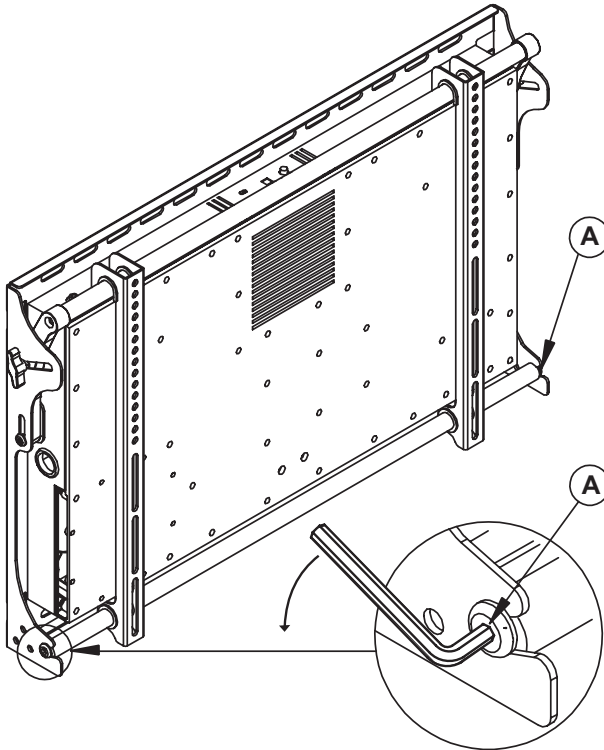


Figure 1 - Separate the TV Bracket and Wall Plate

INSTALLATION

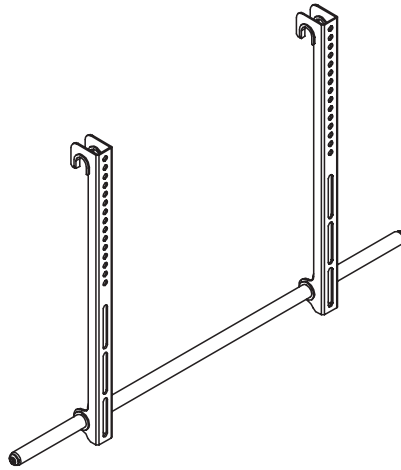


Figure 2 - TV Bracket Connection

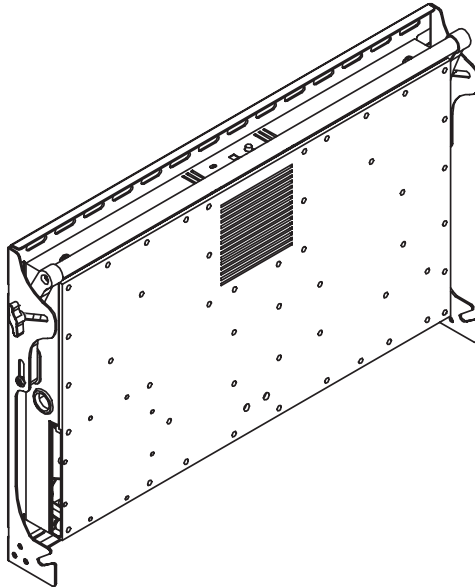


Figure 3 - Sound System Wall Plate

INSTALLATION

STEP 3

Remove the two T-screw handles (D) (Figure 4). Rotate the pole assembly downward to gain clear access to the top mounting holes.

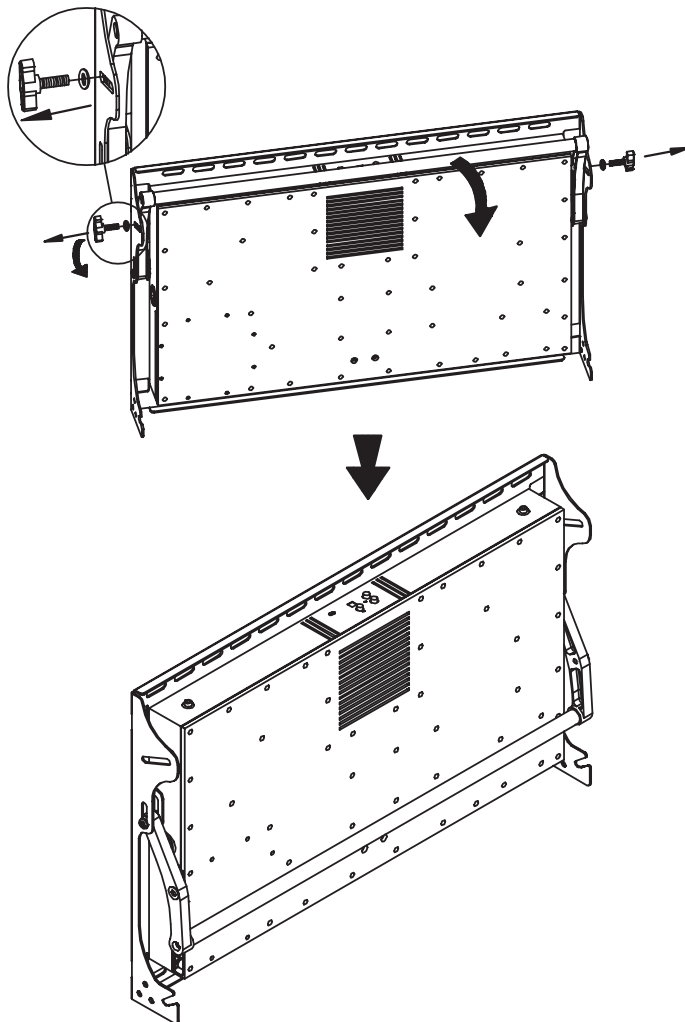


Figure 4 - Remove Handles

INSTALLATION

STEP 4

Place the cardboard template on the wall where you want to mount the system. Mark the center point on the wall.

NOTE: Be sure to choose a wall area that is strong enough to support the combined weight of the TV and Audio Mount™ Soundbar System. The location should be safe from hazards such as water or crushable items. Do NOT ATTEMPT TO BOLT THIS UNIT TO THE HOLLOW PORTION OF THE WALL!

Wall with Studs

The Wall Plate must be mounted, at the top and bottom, to at least 2 wooden studs, spaced a minimum of 16" apart. Use a stud finder to locate the studs, then mark each stud. Place the template center to the marked stud locations. Make sure the template is level, then use masking tape to secure the template to the wall. Mark inside holes in the template that correspond with the alignment of the studs in four places (two top and two bottom). After making clear marks for the holes, remove the template. Using a 3/16" drill bit, pre-drill a 2.5" deep hole in each marked location.

Concrete Wall

Choose a solid wall area (avoid hollow walls or the joint of the bricks). Make sure the template is level, then use masking tape to secure the template to the wall. Mark inside holes in the template in four places (two top and two bottom). Using a 3/8" masonry drill bit, pre-drill a 2.5" deep hole in each marked location.

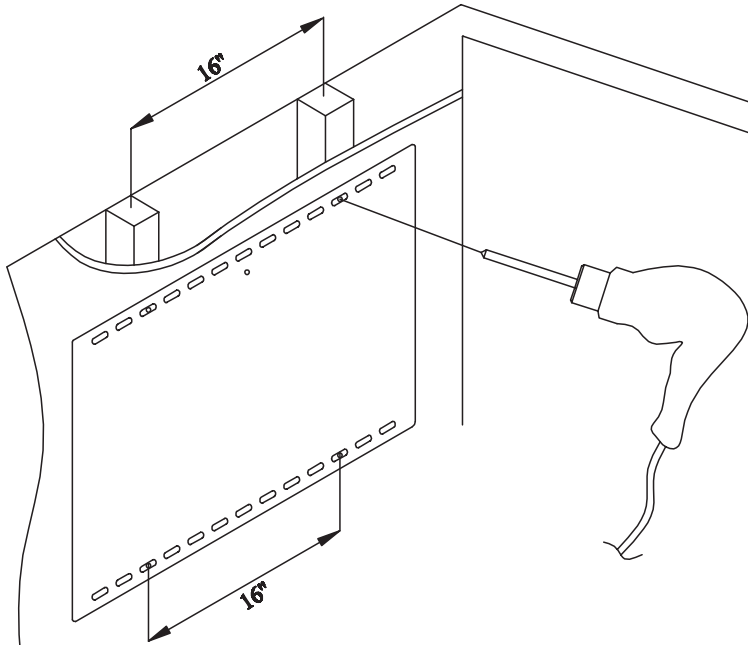


Figure 5 - Use Mounting Template and Pre-Drill

INSTALLATION

STEP 5

Attach the Wall Plate to the wall.

Wood Stud Mounting

Line the TV Audio Mount™ Soundbar System bracket up with the predrilled holes and attach the Wall Plate to the wall using the included square head screws and M8 washers.

Concrete Wall Mounting

Insert the plastic sinkers into the predrilled holes and tap securely into the hole. Attach the Wall Plate to the wall using the included concrete bolts (Figure 6).

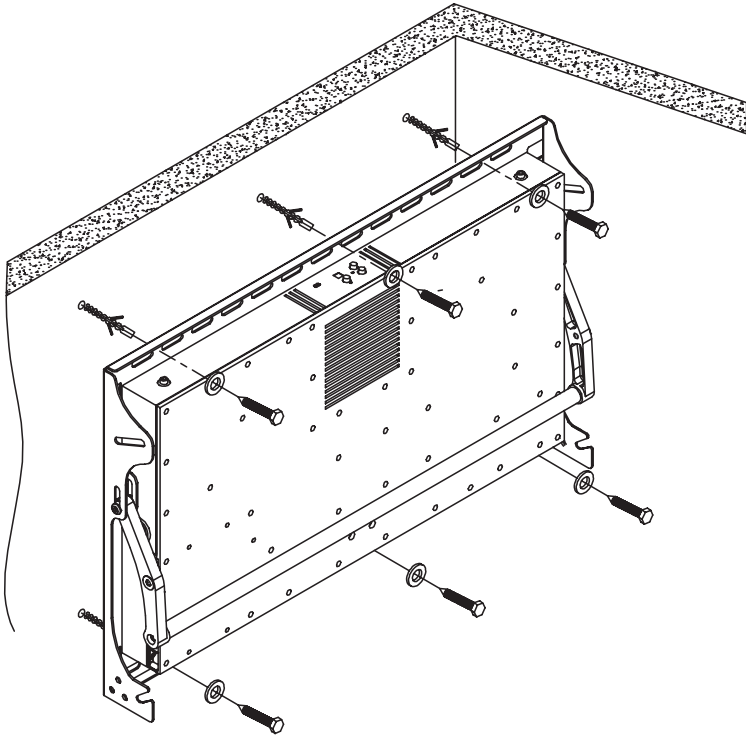


Figure 6 - Concrete Wall Mounting

WARNING: Use only the supplied screws intended for the selected application to avoid personal injury or property damage.

INSTALLATION

WARNING: DO NOT ATTEMPT TO MOUNT THIS UNIT TO A HOLLOW WALL WITHOUT BOLTING INTO STUDS!

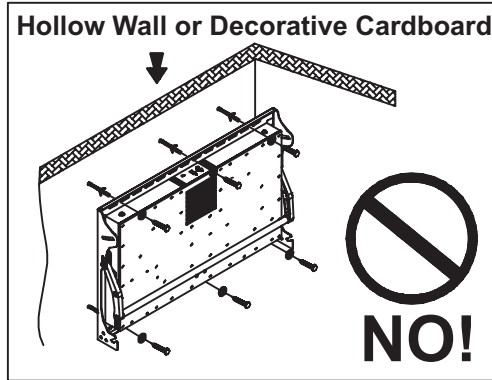


Figure 7 - Hollow Wall WARNING!

INSTALLATION

STEP 6

Attach the TV to the TV Bracket Connection (Figure 8).

- Remove the round tube (B) from the TV Bracket Connection.
- Choose the correct screws (the ones that work with your TV) from the supplied hardware bag to attach the two brackets (C) to the back of the TV. Make sure the brackets are positioned with the tube hole at the bottom of the TV.
- Once the brackets are connected, slide the round tube (B) back into the TV brackets.

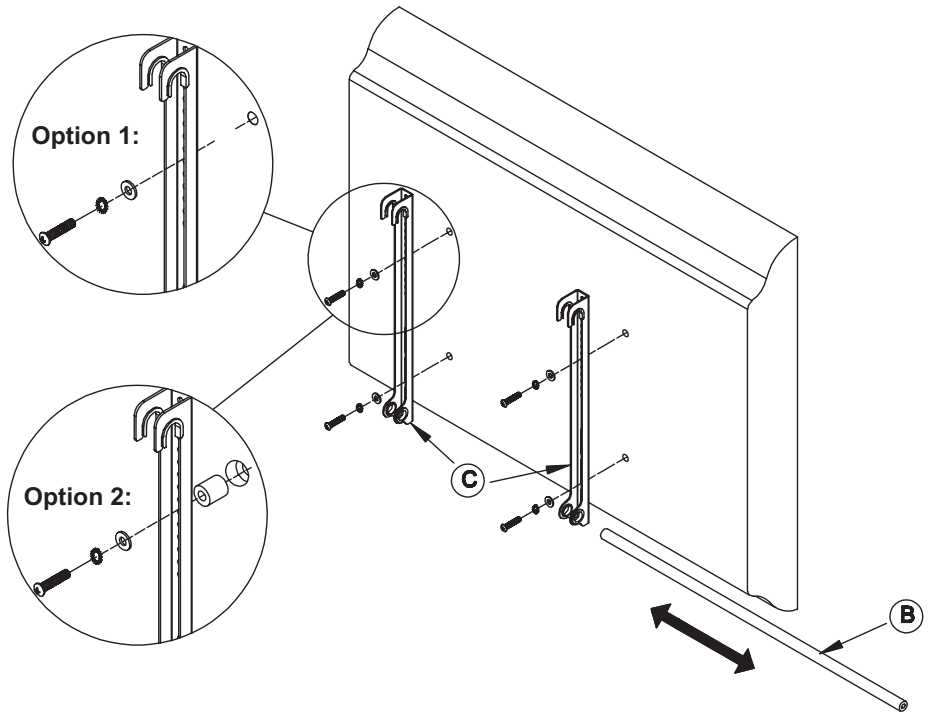


Figure 8 - Attach TV to Bracket

NOTE: Please use the correct screws and washers for the holes on the TV back. Assembling with incorrect screws and washers will damage the holes on the back of the TV. Some TVs without a flat back may require the use of spacers when attaching the brackets. Make sure the two TV brackets are even and that they're using the same mounting holes on the bracket. Uneven assembly will cause the TV screen to slant.

INSTALLATION

NOTE: You will need at least 2 people to finish this mounting procedure. To avoid possible injury, do not attempt to mount the TV alone.



STEP 7

Lift the upper pole and screw it back into place using the two T-screw handles (D) (Figure 9).

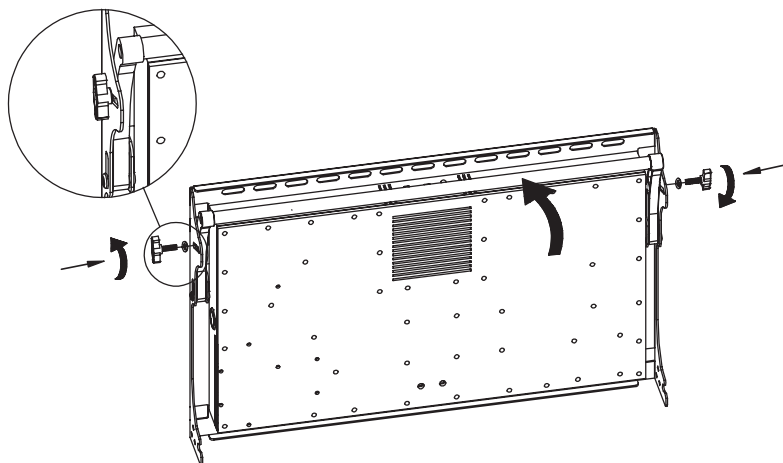


Figure 9 - Replace Upper Pole

INSTALLATION

STEP 8A (LCR Speaker Position Adjustment)

Located at the bottom center of the Speaker Pole are 4 Allen Head Screws. When these screws are loosened the LCR speaker can be moved forward to match the front of the TV.

- a. Measure the depth of the TV from the front to the back of the previously mounted brackets, as shown in Figure 11.
- b. Loosen the four allen screws on the top of the LCR speaker and around the pole as shown in figure 10, once these screws have been loosened you may move the LCR speaker forward to the desired position.
- c. Once you have the LCR in position tighten up the allen screws.

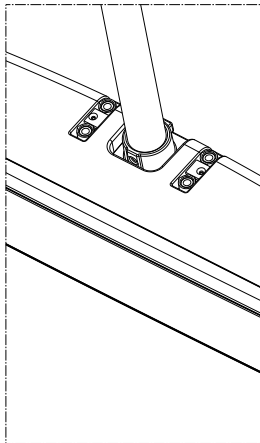


Figure 10 - LCR Speaker Position Adjustment

INSTALLATION

STEP 8B (Center Speaker Pole Adjustment)

Located at the bottom center front of the TV Audio Mount™ Soundbar System are two adjustment screws for the centerspeaker. Once you have attached the brackets to the back of the television in STEP 6, perform the following steps to adjust the bottom speaker, as necessary.

- Measure the distance from the top of the mounting hook to the bottom of the TV, as shown in Figure 11.
- Add 1 inch to the measurement you took in the above step 1 to obtain the proper adjustment height.
- Loosen the two center pole locking screws. Do not remove screws.
- Move the center speaker by sliding the bottom pole until the distance from the top support bar to the top of the center speaker corresponds with the required adjustment height. Do not let go of the bottom speaker while adjusting.
- Tighten the two center pole locking screws, as shown in Figure 12.

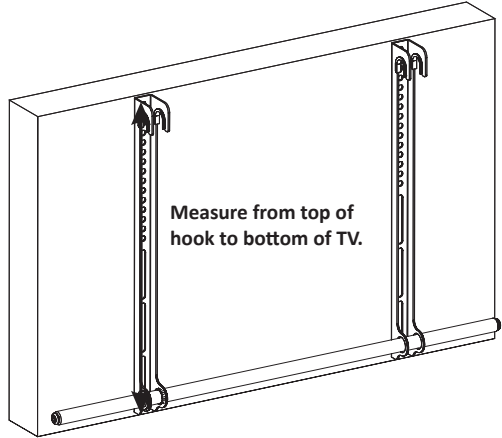


Figure 11 - Measure Height

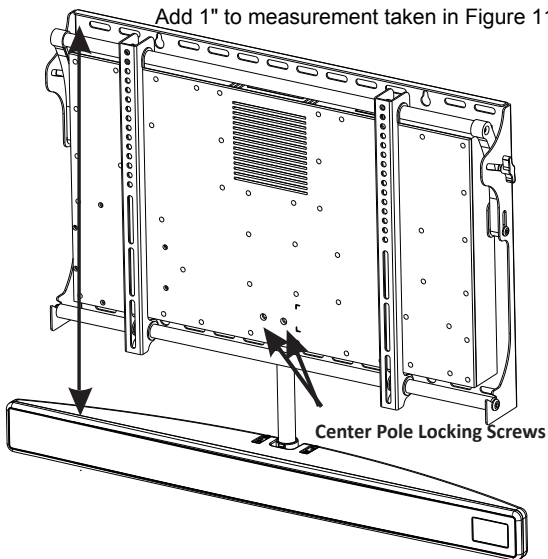


Figure 12 - Adjust Center Pole

INSTALLATION

STEP 9

Hang TV and adjust speaker.

- a. Hang the pre-assembled TV unit on the upper pole.
- b. Clip the screws (A) into the lower channel of the Wall Plate and tighten on both sides (Figure 11).

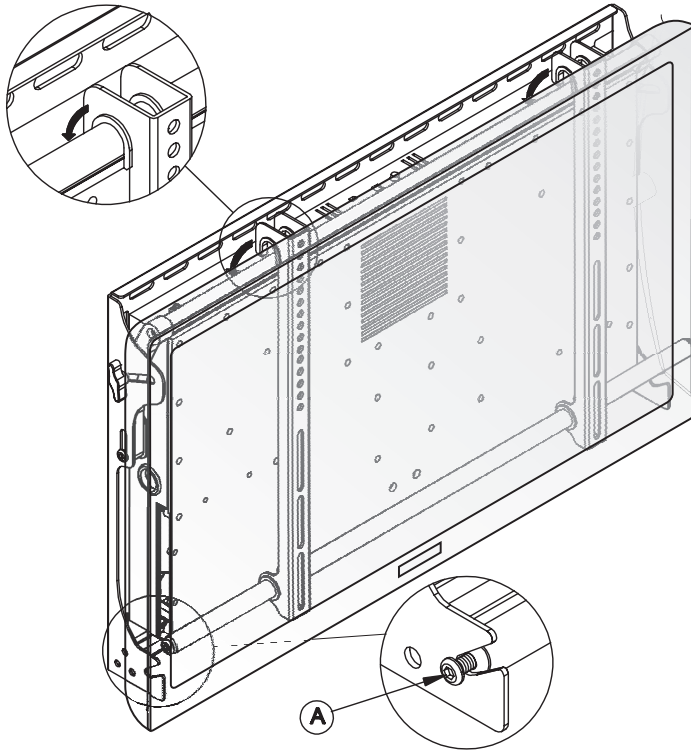


Figure 13 - Attach TV Mount to Wall Mount

INSTALLATION

STEP 10

Connect the audio cables from your television to the TV Audio Mount™ Soundbar System.

The TV Audio Mount™ Soundbar System has four ways to input the audio from your TV.

- Line Level Out is located on your TV panel in the Audio Out section. It will have two connectors marked L (Left-White) and R (Right-Red).
- A 3.5mm Head Phone Jack is located on most TV panels in the Audio Out section. Only use this connection if your TV does not have an Optical or Coaxial connection. When using this connection, you must set the volume of your TV to a level that will allow your TV Audio Mount™ Soundbar System to detect audio. This is explained in more detail in the “TV Settings” section.
- Optical output is located on most TV panels in the Audio Out section. Look for a square connector marked Optical or S/PDIF.
- Coaxial output is located on your TV panel in the Audio Out section.

Audio inputs for the TV Audio Mount™ Soundbar System are shown in Figure 14.

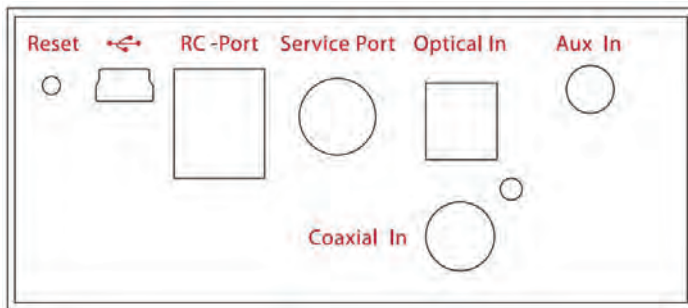


Figure 14 - Audio Input Options

Before connecting the TV to the TV Audio Mount™ Soundbar System, lower the TV volume to zero or use the TV menu to turn your TV speakers OFF.

Decide which inputs to use and connect the appropriate cable from your TV Audio Out to the connector on the TV Audio Mount™ Soundbar System.

You will now control the volume of your system with the TV Audio Mount™ Soundbar System remote controller supplied with your system. If you have a learning remote controller, you can program it to replace the remote controller supplied with the TV Audio Mount™ Soundbar System.

INSTALLATION

STEP 11

Adjust the angle of the TV and then tighten the T-screw handles (D) and locking screws (A) (Figure 15). You can then adjust the width and angle of the speakers and lock the speaker screws, as described in Step 8.

NOTE: Arrange your cables to avoid the tilt adjustment area. When arranging the cables, please leave sufficient slack for future angle adjustments.

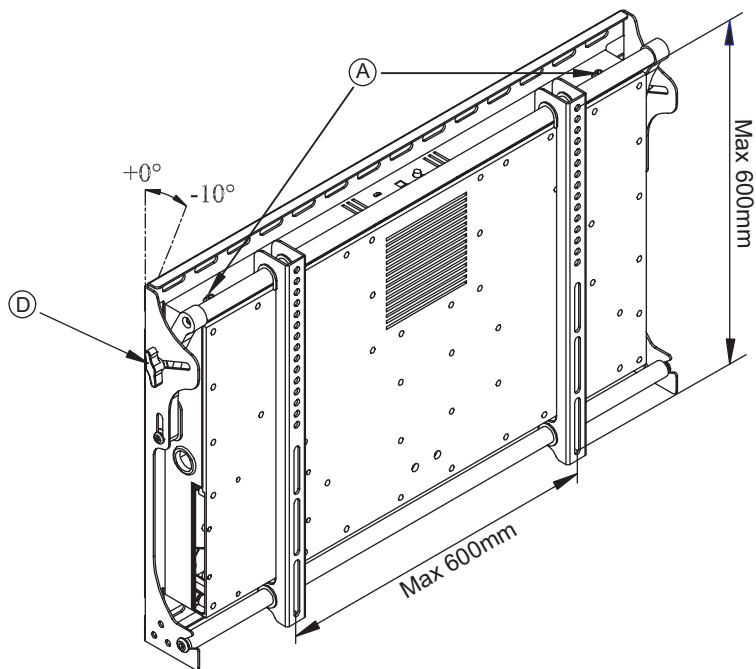


Figure 15 - Adjust Angle

INPUTS AND CONTROLS





TV Settings

For your TV Audio Mount™ Soundbar System to work properly, you must adjust your TV settings for optimal output to the TV Audio Mount™ Soundbar System. The following adjustments are recommended.

- Make sure your TV Balance control is set to center.
- If you are using a head phone jack (3.5mm) to connect your TV to the soundbar mount, adjust the television volume to a middle level. ***It is important that you do not turn the volume up too high, as this will cause the audio to distort.*** A minimum audio setting is required because the soundbar must detect an audio signal to remain on. If no Audio Signal is detected for 5 minutes, the system will power down.
- Some televisions have the ability to set the Audio Out on the LINE OUT to Fixed or Adjustable.
 - Fixed – Use the remote controller that came with the Soundbar System to control the volume.
 - Adjustable – Use the TV remote controller to control the volume.

NOTE: For details on inputting audio to the TV Audio Mount™, see the TV Audio Mount™ manual, page 26.

REMOTE CONTROL

	Turn the TV Audio Mount™ Soundbar ON/OFF. Light will turn green.	
AUX	Select the analog source to play audio for portable devices connected to AUX In.	
OPT/COAX	Select the source to Optical or Coaxial (Toggle).	
	Select hearing impaired or standard mode.	
MUTE	Press to mute the audio (a green light will flash). Press the VOL +/- buttons or Mute to turn the mute function off.	
BASS-	Decrease the Bass.	
BASS+	Increase the Bass.	
TREB-	Decrease the Treble.	
TREB+	Increase the Treble.	
MENU	View Menu.	
OK	Select Menu Item.	
VOL+	Increase Volume.	
VOL-	Decrease Volume.	
	Navigate Menu Items.	
ASVN	Turn Audio Solutions™ Volume Normalization ON/OFF.	

Remote Control LED/Sensor Location

The remote sensor that controls the Soundbar System is located in the center speaker. When attempting to use the remote controller with the system, be sure to point it toward the remote sensor. Do not place any obstacles between the remote controller and the remote sensor on the speaker. The effective range of the remote controller is approximately 30 feet from the front of the speaker.

Remote Control Precautions

- The remote controller should be kept dry and away from heat sources. Avoid high humidity.
- If the Soundbar System responds erratically to the remote controller or does not respond at all, please check the batteries. If the batteries are low or exhausted, replace with 2 fresh batteries.
- Do not take the batteries apart or expose to heat. Never dispose of batteries in a fire.
- Do not subject the remote controller to undue physical stress, such as dropping or striking it.
- Do not clean the remote controller with chemicals. Wipe it clean with a damp cloth.

REMOTE CONTROL (LEARNING)

Programming a Learning Remote

If you have a universal (learning) remote controller, it should be capable of learning the TV Audio Mount™ Soundbar System remote controller codes. Follow the instructions included with the learning remote to incorporate the TV Audio Mount™ Soundbar System functions.

OPERATION

LED Indicators

The LED indicator, located on the right side speaker in the logo plate, is used to help you monitor and control your audio system.

- **NO LED ON** – The system is unplugged, powered OFF, or the LED is waiting for a remote command.
- **Green LED** – The system is powered ON and in normal audio mode.
- **Green LED Blink** – The system power is ON with the audio muted.
- **Blue LED** – The system is powered ON and in Hearing Impaired Mode.
- **Blue LED Blink** – The system is powered ON and in Hearing Impaired Mode with audio muted.
- **Red LED** – The red LED indicates multiple functions:
 - The system is in auto power down mode. This is caused when no audio is detected for an extended time.
 - When the system has reached maximum volume, the LED will turn red each time you press the volume up button on the remote control.
 - When adjusting the Bass or Treble controls, the blue or green LED will change to red momentarily to indicate that the center point or end point has been reached for the control being used.
- **Red/Green/Blue Blink** – A system error has occurred.

Power On/Off

1. Turn on your TV.
2. Turn on the Soundbar System using the  button on the remote controller supplied with the unit.

Audio Input Source


For details on inputting audio to the Soundbar System center channel, see “Center Fill (On/Off)” on page 26.

- **Optical/Coax (OPT/COAX)** – Select the Audio input source on the Soundbar System remote controller (LINE or **OPT/COAX**, depending on which connection you chose to connect from the TV or A/V source to the Soundbar System). Since the **OPT/COAX** option is a toggle function, the first time you press the **OPT/COAX** button, the input switches to Optical source, and when you press it again, the input switches to Coax source.
- **Analog Input (AUX)** – Press the **AUX** button on the remote controller to select analog mode for the stereo auxiliary input on the top of the unit. This input can be used to play an iPod, iPad, iPhone or Android device. It is not intended for direct connection to the RCA outputs from a DVD player, CD player or other standard input equipment, as such devices may overload the input.

Hearing Impaired Mode

Your Soundbar System has two modes of operation: Normal and Hearing Impaired. When in Normal mode, the LED illuminates green and the system is set to Normal frequency response. In Hearing Impaired mode, the LED illuminates blue and the audio is enhanced to improve the clarity of voice frequencies.

OPERATION

Press the  button on the Soundbar System remote controller to select the preferred operating mode. This button is a toggle and will change between the modes each time it's pressed.

Volume Control/Mute

- Press the **VOL +** button to increase the volume. You will see "VOL" displayed with a number. When you have reached maximum volume level, the LED will blink RED.
- Press the **VOL –** button to decrease the volume. You will see "VOL" displayed with a number. When you have reached the minimum volume level, the LED will blink RED.
- Press the **MUTE** button on the Soundbar System remote controller to toggle between audio on and mute. "MUTE" is displayed when the audio is muted. Press the **VOL +/-** buttons or **MUTE** to turn the mute function off.

Audio Settings

The Soundbar System remote controller does not function in a press and hold mode. You must depress the button multiple times to increase or decrease the controlled function.

- Press the **BASS –** button to reduce Bass. "Bass" will be displayed with a + or - number with zero at the midpoint. When you have reached the midpoint (00) or max limit, the LED will turn RED.
- Press the **BASS +** button to increase Bass. "Bass" will be displayed with a + or - number with zero at the midpoint. When you have reached the midpoint (00) or max limit, the LED will turn RED.
- Press the **TREB –** button to reduce Treble. "Treb" will be displayed with a + or - number with zero at the midpoint. When you have reached the midpoint (00) or max limit, the LED will turn RED.
- Press the **TREB +** button to increase Treble. "Treb" will be displayed with a + or - number with zero at the midpoint. When you have reached the midpoint (00) or max limit, the LED will turn RED.

Push Button Reset

The reset button is only used in the event of a major system failure and should not be required under normal operation. If the system is no longer functioning properly, RESET will restore the system to factory default settings.

1. Make sure the Soundbar System is powered on and the Green, Blue or Red LED is on.
2. Push the **RESET** button and hold down until the Green, Blue, or Red LED turns off and then the Green LED turns on. If audio is being sent to the unit, you should be able to hear the audio through the unit. The unit will reset the following user controls:
 - Master Volume
 - Bass and Treble to Mid points
 - Input Selector to Optical/Coaxial Input
 - Hearing Impaired turned off

MENU FUNCTIONS

Accessing the Menu

The Soundbar System menu functions are accessed by pressing the **MENU** button on your remote controller. Use the down arrow (▼) to access menu options in the following order: L VOL, R VOL, C VOL, S VOL, SpEx, CtrF, Flat, [sound fields], F Reset, SwR.

To make adjustments to the following options, you must first press **MENU** to access the “Top Menu.”

Speaker Volume Adjustment (Left, Right, Center, Subwoofer)

When you first use your Soundbar System the volume of all the speakers are set to the same volume. If you want to increase or decrease the volume of one of the speakers you can do so with this function. For example, if you want more volume in the center speaker you can use the menu to increase the volume for the center channel only, or make adjustments for all channels. Keep in mind that the standard volume control buttons on your remote are master volume controls and will increase or decrease all the speakers the same amount. To adjust speaker output, perform the following steps:

1. Use the ▲ or ▼ buttons to scroll through the different menu selections beginning with speaker settings (Left, Right, Center, Subwoofer). Using the down arrow, the first speaker adjustment is left, with a default setting of “L Vol 00”, followed by the right, center, and subwoofer options.
2. Use the ◀ button to decrease the volume or the ▶ button to increase the volume.
3. Press **OK** to save.
4. You can then use the ▲ or ▼ buttons to select another speaker or press **MENU** to return to the “Top Menu”.

Speaker Expansion (On/Off)

The Audio Solutions™ SpEx is targeted at products using small, closely-spaced speaker systems to significantly enhance perceived audio quality. SpEx accomplishes this by improving, shaping and expanding the stereo sound field. This three dimensional audio image expands the sound field across the vertical and horizontal listening planes. To use the SpEx feature, perform the following steps:

1. Use the ▲ or ▼ buttons to scroll through the different menu selections until you see “SpEx Off”.
2. Use the ▶ button to turn the option “On” or the ◀ button to turn the option “Off.”

Center Fill (On/Off)

Since many new televisions only output 2.0 Dolby® Digital through the optical and coax outputs, your 3.1 TV Audio Mount™ Soundbar System comes equipped with a Center Fill option. This function creates a fake center channel, which improves the overall sound quality, although not as impressive as a true 3.1 Dolby Digital stream.

To determine if your TV outputs 2.0 Dolby Digital, connect the TV’s optical or coax output to the Soundbar System and set the Center Fill menu option to “OFF”. Play a movie with Dolby Digital sound and listen for audio coming from the Soundbar center channel. If no center channel audio is detected, you can conclude that your television is only outputting 2.0 Dolby Digital audio. You can then decide to either connect the Soundbar System directly to the source (cable box or DVD player) to achieve 3.1 audio (recommended) or you can set the Center Fill (CtrF) menu option to “ON”. To use the Center Fill feature, perform the following steps:

1. Use the ▲ or ▼ buttons to scroll through the different menu selections until you see “CtrF”.

MENU FUNCTIONS

2. Use the ► button to turn the option “On” or the ◀ button to turn the option “Off.”

Flat (On/Off)

When Bass and Treble levels are not selected, the Flat option defaults to “On”. When bass or treble levels are increased, this option can be turned On/Off using the ◀/► buttons.

Sound Field Selection

The Soundbar System is equipped with a variety of sound field programs you can use to enhance your audio experience. These Sound Fields synthetically reproduce sound spaces by applying digital signal processing to mimic a specific environment, offering simulated reflections and reverberations. The parameters of each mode reproduce a more realistic and powerful sound space for the type of program being played.

To select a sound field, perform the following steps:

1. Use the ▲ or ▼ buttons to scroll through the menu selections until you see one of the following sound field options: Party, Vocal, Class(ical), Dance, Game, Jazz, Rock, and Pop.
2. Use the ► button to turn the option “On” or the ◀ button to turn the option “Off.”

Factory Reset

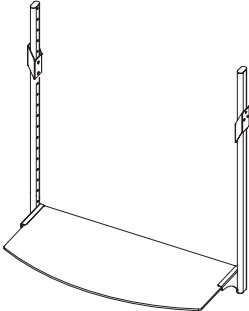
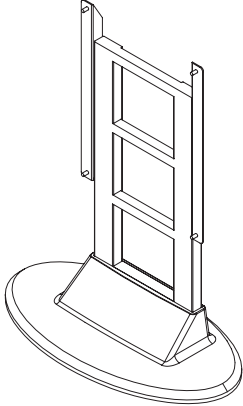
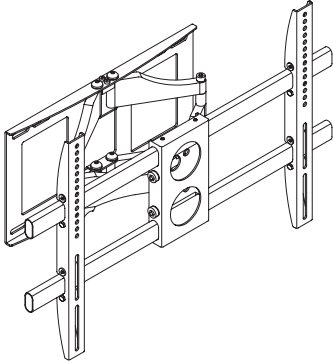
Choose the factory reset option to restore the sound bar’s factory default settings. To restore your system to factory default settings, perform the following steps:

1. Use the ▲ or ▼ buttons to scroll through the menu selections until you see “F Reset”.
2. Press **OK** to initiate the reset function. The screen will turn black and you will hear a pop as the menu resets. “TVAMSBAR3.1-35” appears on the screen.

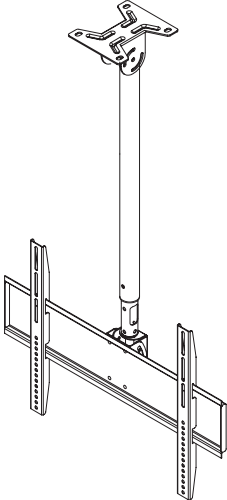
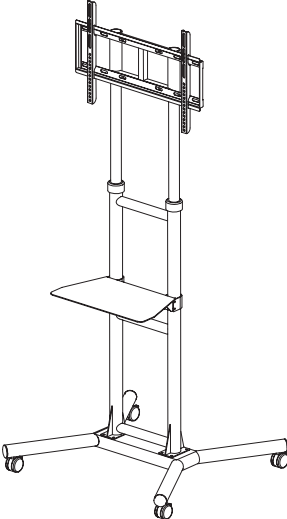
Software Version

To identify the current firmware version installed on your unit, use the ▲ or ▼ buttons to scroll through the different menu selections until you see “SwR” followed by the software version number.

ACCESSORIES

Model Number	Description	Product Image
AS-AMSHELF	Add-on DVD Shelf for TV Audio Mount™ Soundbar System	
AS-TVAMPM	Pedestal Mount	
AS-FM64	Full Motion Wall Mount	

ACCESSORIES

Model Number	Description	Product Image
AS-CM3260	Ceiling Mount	
AS-RC3260	Rolling Floor Stand	

MAINTENANCE

Cleaning the Housing and Remote Control

- Do not use volatile solvents such as toluene, rosin or alcohol to clean the TV Audio Mount™ Soundbar System. These chemicals may damage the system.
- Use a soft clean cloth for cleaning.
- You can use a moistened soft cloth with diluted neutral cleaner if your remote or system becomes seriously contaminated. Make sure that you wring water out of the cloth before cleaning to prevent water from penetrating into the housing. Wipe the housing with a dry clean cloth.

Technical Support

Products are often returned due to an operation problem rather than a defective product that may result in unnecessary shipping charges billed to you. Our trained support personnel can often resolve the problem over the phone. For more information on warranty service and/or repair, after the warranty period, please contact our Support Department.

Customer support and quality service are a very important part of Audio Solutions™ commitment to service excellence.

For technical assistance, contact Audio Solutions™ Technical Support Department by e-mail or phone.


Please have your TV Audio Mount™ Soundbar System model number, serial number, and date of purchase available before you call.

E-mail: support@audiosolutions.com

Phone: 1-866-839-9187

TROUBLESHOOTING

If the Audio Mount™ Soundbar System fails to operate, check the operation in accordance with the following.

Problem	Solution
No power	Check to verify that the AC Cord is securely connected to the AC socket. Press the  button on the remote control.
No sound	<ol style="list-style-type: none"> 1. Make sure you have not muted the system by pressing the MUTE button on the remote control. 2. Press the Volume + button a few times to ensure the volume is not at the lowest level. 3. Verify that your TV is powered on. 4. Press the LINE or OPT/COAX button on the remote control to select your source (depending on how you connected your TV to the TV Audio Mount™ Soundbar System).
No sound from center channel	Verify that your television is outputting at least three channel audio. If not, turn Audio Solutions Center Fill option ON (see “Center Fill (On/Off)” on page 26).
Buzzing, humming, clicking or other unusual sounds	<ol style="list-style-type: none"> 1. If you are using Line In to connect from the TV to the TV Audio Mount™, Soundbar System make sure that both ends of the audio cable are connected securely at the TV and the TV Audio Mount™ Soundbar. 2. Set the “SAP” settings on your TV to “Stereo” or “Mono”.
Audio sounds distorted	If you are using the Line In for the Soundbar System, check to verify that the volume for the source device is not set high. If you hear audio distortion, lower the volume of the source device until you hear normal audio.
System does not respond to the remote control	<ol style="list-style-type: none"> 1. Check the batteries in the remote control and replace if necessary. 2. Press the RESET button on TV Audio Mount™ Soundbar System. See “Factory Reset” on page 27.

COMPLIANCE

Cable Compliance

Caution: Always use a power cable that is properly grounded. Please use the AC Cords listed below for each area:

USA	UL
Canada	CSA
Germany	VDE
UK	BASE/BS
Japan	Electric Appliance Control Act

FCC Class B Radio Interference Statement

This equipment has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class “B” digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the user’s manual, may cause interference harmful to the operation of other electronic devices.

Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this products is found to be the source of interference, which can be determined by turning the unit “OFF” and “ON” please try to eliminate the problem by using one of the following measures:

- Relocate the device that is being affected by the interference.
- Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter(s).

This Class B digital apparatus complies with Canadian ICES-003.

WEEE Statement

(Waste, Electrical and Electronic Equipment)

The WEEE directive places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life.

Metra accepts its responsibility to finance the cost of treatment and recovery of redundant WEEE in accordance with the specific WEEE recycling requirements.

This symbol on the right indicates that this product must NOT be disposed of with other waste. Instead, it is the user’s responsibility to dispose of their waste electrical and electronic equipment by handing it over to an approved re-processor, or by returning it to Metra for reprocessing.



North American Safety Standards

Metra Electronics Corporation is proud to announce that the 3.1 Soundbar is fully ETL Listed. The ETL Listed Mark is proof of product compliance to North American safety standards. The mark also indicates that the manufacturer’s production site conforms to a range of compliance measures and is subject to periodic follow-up inspections to verify continued conformance. Metra is working to make your safety and satisfaction our priority.



FEATURES AND SPECIFICATIONS

Features

- Klippel laser-optimized 6.5" woofer for high linear excursion and powerful bass
- 24 bit/48 kHz Digital EQ and Crossovers for high quality audio
- True silk dome tweeter for clear, crisp high frequency response
- Slot-loaded Sub Woofer in an optimally vented enclosure delivers high efficiency and low distortion
- Midrange-tweeter-midrange (MTM) design projects even frequency response throughout the room

Specifications

- Frequency Response: 40Hz - 25kHz
- Subwoofer: 6.5" long throw cone
- Midranges: Dual 2.5" treated cellulose cone (per speaker)
- Tweeter: 19mm (3/4") ferro-magnetic fluid damped pure silk dome (per speaker)

LIMITED WARRANTY

TV Audio Mount™ Soundbar System – Limited Warranty – Valid in the United States and Canada

This limited warranty is provided by Audio Solutions for the Audio Solutions product identified by the purchaser's registration, as indicated below. There are no other warranties, expressed or implied, except as required by law, including warranties of merchantability and fitness for a specific purpose, that are provided for herein. However, all such implied warranties, if any, are limited to the duration of this specific limited product warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Audio Solutions Corporation shall not be liable, under any circumstances, for incidental, indirect, special, and consequential or multiple damages as a result of the sale or use of this product. Some states/countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. It is recommended that the purchaser execute the product registration and warranty registration via the web within ten days of purchase.

Limited Product Warranty:

Metal Components and Physical Housing(not including any and all electronic components)

This is a 60 month limited warranty, subject to the conditions, limitations and exclusions identified herein. Audio Solutions Corporation warrants to the original purchaser of the registered or identified product for a period of five years from the date of purchase, that the metal components and physical components of this product shall be free of defects in design, material and workmanship, and subject to the limitations set forth below; Audio Solutions Corporation will repair or replace, at its option, any defective unit. This warranty is applicable only to the original purchaser and is not assignable or transferable. Audio Solutions hereby warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, prove to be defective in material or workmanship within five years from date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (Audio Solutions' option) without charge for parts and repair labor. Purchaser must return the product to Audio Solutions, return receipt requested or by other means that confirms delivery and Audio Solutions shall make the said repairs or replacement within 60 days of receipt. In some instances the product may have been discontinued and cannot be replaced, or repaired. In that instance Audio Solutions shall in its discretion attempt to replace the product with a substantially similar product in model or design or pay the purchaser a sum for the then fair market value of the price, considering the amount of time since sale, and the use of the product. This Limited Warranty is the original retail purchaser's sole remedy for any and all such defect(s).

Speaker Components (not including any and all electronic components)

This is a 36 month limited warranty, subject to the conditions, limitations and exclusions identified herein. Audio Solutions Corporation warrants to the original purchaser of the registered or identified product for a period of three years from the date of purchase, that the speaker components of this product shall be free of defects in design, material and workmanship, and subject to the limitations set forth below; Audio Solutions Corporation will repair or replace, at its option, any defective unit. This warranty is applicable only to the original purchaser and is not assignable or transferable. Audio Solutions hereby warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, prove to be defective in material or workmanship within three years from date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (Audio Solutions' option) without charge for parts and repair labor. Purchaser must return the product to Audio Solutions, return receipt requested or by other means that confirms delivery and Audio Solutions shall make the said repairs or replacement within 60 days of receipt. In some instances the product may have been discontinued and cannot be replaced, or repaired. In that instance Audio Solutions shall in its discretion attempt to replace the product with a substantially similar product in model or design or pay the purchaser a sum for the then fair market value of the price, considering the amount of time since sale, and the use of the product. This Limited Warranty is the original retail purchaser's sole remedy for any and all such defect(s).

Electronics and Control Systems (including Amplifier, Processor and Remote Control System)

This is a 12 month limited warranty, subject to the conditions, limitations and exclusions identified herein. Audio Solutions Corporation warrants to the original purchaser of the registered or identified product for a period of one year from the date of purchase, that the electronic portion of this product shall be free of defects in design, material and workmanship, and subject to the limitations set forth below; Audio Solutions Corporation will repair or replace, at its option, any defective unit. This warranty is applicable only to the original purchaser and is not assignable or transferable. Audio Solutions hereby warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, prove to be defective in material or workmanship within one year from date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (Audio Solutions' option) without charge for parts and repair labor. Purchaser must return the product to Audio Solutions, return receipt requested or by other means that confirms delivery and Audio Solutions shall make the said repairs or replacement within 60 days of receipt.

LIMITED WARRANTY

Warranty Continued...

In some instances the product may have been discontinued and cannot be replaced, or repaired. In that instance Audio Solutions shall in its discretion attempt to replace the product with a substantially similar product in model or design or pay the purchaser a sum for the then fair market value of the price, considering the amount of time since sale, and the use of the product. This Limited Warranty is the original retail purchaser's sole remedy for any and all such defect(s).

Conditions and Limitations:

1. Proof of purchase is required (i.e. the sales receipt or other proof of payment, such as the bar code and serial number from the shipping box), and
2. Products must be registered with Audio Solutions by using either the enclosed registration card, or using Audio Solution' online services for registration purposes. Products that have not been registered will not be covered by Audio Solutions' extended limited warranty, but instead will only be warranted for the terms required by the State of purchase, if any.
3. Damage caused by accidents, abuse, misuse or modification of the product will render this warranty null and void.
4. To obtain repairs or replacement under the terms of this warranty, please contact Audio Solutions at 1-866-839-9187 or visit www.audiosolutions.com. You will need to provide proof of purchase (dated receipt showing store where purchased) and product serial number in order to receive warranty service. The purchaser is required to send the product back to Audio Solutions Corp. or to a designated repair center and the purchaser is responsible for all charges for shipping and handling.

This Limited Warranty does NOT cover:

Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, improper installation, lack of reasonable care, unauthorized repair or service, or if the model or serial number has been altered, tampered with, defaced or removed.

1. Initial installation or the removal and re-installation of product.
2. Cosmetic damage, damage that occurs in shipment, act of God or natural disaster.
3. Missing accessories or components.
4. Products used for any and all commercial purposes.

THE EXTENT OF AUDIO SOLUTIONS' LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT AS PROVIDED ABOVE AND, IN NO EVENT SHALL Audio Solutions LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL RETAIL PURCHASER FOR THE PRODUCT.

Any questions of Notifications regarding this warranty should be addressed to:

Warranty Department, Audio Solutions Corporation
460 Walker Street, Holly Hill, Florida 32117.

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No person or representative is authorized to assume for Audio Solutions any liability other than expressed herein in connection with the sale of this product. Some jurisdictions do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.



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Designed & Engineered in the USA by Audio Solutions.

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