

Dear AmTRAN Customer:

Congratulations on your new AmTRAN High Definition Sound Bar System purchase. Thank you for your support. For maximum benefit, please read these instructions before making any adjustments, and retain them for future reference. We hope you will experience many years of enjoyment from your new AmTRAN HD Sound Bar System.

We recommend you to register your Sound Bar at [www.amtran.tw](http://www.amtran.tw), or fill in your registration card and mail it in.

To purchase or inquire about accessories and installation services for your sound bar., please visit our website at [www.amtran.tw](http://www.amtran.tw) or call toll free at 0800-88-0505.

Write down the serial number located on the  
Back of your Sound Bar.

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Purchase Date -----

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***TruSurround HD and TruVolume technologies are incorporated under license from SRS Labs, Inc.***

***Manufactured under license from Dolby Laboratories.***

***Dolby and  
the***



***double-D symbol are trademarks of Dolby Laboratories.***

## Important Safety Instructions

The Sound Bar is designed and manufactured to operate within defined design limits, and misuse may result in electric shock or fire. To prevent the Sound Bar from being damaged, the following rules should be observed for its installation, use, and maintenance. Please Read the following safety instructions before operating the Sound Bar. Keep these instructions in a safe place for future reference.

- To reduce the risk of electric shock or component damage, switch off the power before connecting other components to the Sound Bar.
- Unplug the power cord before cleaning the Sound Bar. A damp cloth is sufficient for cleaning. Do not use a liquid or a spray cleaner on the Sound Bar. Do not use abrasive cleaners.
- Always use the accessories recommended by the manufacturer to insure compatibility.
- When moving the Sound Bar from an area of low temperature to an area of high temperature, condensation may form in the housing. Wait before turning on the Sound Bar to avoid causing fire, electric shock, or component damage.
- A distance of at least 3 feet should be maintained between the Sound Bar and any heat source, such as a radiator, heater, oven, amplifier etc. Do not install the Sound Bar close to smoke. Operating the Sound Bar close to smoke or moisture may cause fire or electric shock.
- Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of the Sound Bar and protect it from overheating, be sure these openings are not blocked or covered. Do not place the Sound Bar in a bookcase or cabinet unless proper ventilation is provided.
- Never push any object into the slots and openings on the Sound Bar enclosure. Do not place any objects on the top of the Sound Bar. Doing so could short circuit parts causing a fire or electric shock. Never spill liquids on the Sound Bar.
- The Sound Bar should be operated only from the type of power source indicated on the label on the AC/DC Adapters. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
- Only power of the marked voltage can be used for your Sound Bar. Any other voltage than the specified voltage may cause fire or electric shock.
- The power cord must be replaced when using different voltage than the voltage specified. For more information, contact your dealer.
- The Sound Bar AC/DC Adapters are equipped with a three-pronged grounded plug (a plug with a third grounding pin). This plug will fit only into a grounded power outlet. This is a safety feature. If your outlet does not accommodate the

three-pronged, have an electrician install the correct outlet, or use an adapter to ground the Sound Bar safely.

- Do not defeat the safety purpose of the grounded plug.
- When connected to a power outlet, power is always flowing into the Sound Bar. To totally disconnect power, unplug the power cord.



- The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-isolated, dangerous voltage within the inside of the Sound Bar that may be of sufficient magnitude to constitute a risk of electric shock to persons.



- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and servicing instructions in the literature accompanying your Sound Bar.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- The wall socket should be located near the Sound Bar and be easily accessible.
- Do not touch the power cord during lightning. To avoid electric shock, avoid handling the power cord during electrical storms.
- Unplug the Sound Bar during a lightning storm or when it will not be used for long periods of time. This will protect the Sound Bar from damage due to power surges.
- Do not attempt to repair or service Sound Bar yourself. Opening or removing the front cover may expose you to high voltages, electric shock, and other hazards. If repair is required, contact your dealer and refer all servicing to qualified service personnel.
- Keep the Sound Bar away from moisture. Do not expose the Sound Bar to rain or moisture. If water penetrates into the Sound Bar, unplug the power cord and contact your dealer. Continuous use in this case may result in fire or electric shock.
- Do not use the Sound Bar if any abnormality occurs. If any smoke or odor becomes apparent, unplug the power cord and contact your dealer immediately. Do not try to repair the Sound Bar yourself.
- Avoid using dropped or damaged appliances. If the Sound Bar is dropped and the housing is damaged, the internal components may function abnormally. Unplug the

power cord immediately and contact your dealer for repair. Continued use of the Sound Bar may cause fire or electric shock.

- Do not install the Sound Bar in an area with heavy dust or high humidity. Operating the Sound Bar in environments with heavy dust or high humidity may cause fire or electric shock.
- Ensure that the power cord and any other cables are unplugged before moving the Sound Bar.
- When unplugging the Sound Bar, hold the power plug, not the cord. Pulling on the power cord may damage the wires inside the cord and cause fire or electric shock. When the Sound Bar will not be used for an extended period of time, unplug the power cord.
- To reduce risk of electric shock, do not touch the connector with wet hands.
- Insert the battery in accordance with instructions. Incorrect polarity may cause the battery to leak which can damage the remote control or injure the operator.
- If any of the following occurs, contact the dealer:
  - The power cord fails or frays.
  - Liquid sprays or any object drops into your Sound Bar.
  - Sound Bar is exposed to rain or other moisture.
  - Sound Bar is dropped or damaged in any way.
  - The performance of the Sound Bar changes substantially.

## Opening the package

Your Sound Bar and its accompanying accessories are carefully packed in a cardboard carton that has been designed to protect it from transportation damage. Once you have opened the carton, check that your Sound Bar is in good condition and that all of the contents are included.

**IMPORTANT:** Save the carton and packing material for future shipping.

## Package Contents

- **AmTRAN** High Definition Sound Bar and Wireless Subwoofer
- AC Adapters X1
- AC Power cord X2
- Remote Control and Battery x1
- Stands(Pre-installed) x1
- RCA Stereo Cable x1
- User Manual
- **AmTRAN** Warranty card.



## Wall Mounting

The Sound Bar can either be kept on the stand or mounted on the wall. If you choose to mount the Sound Bar on the wall, follow the instructions below for removing the stand.(Figure 1 and Figure 2)

Figure 1

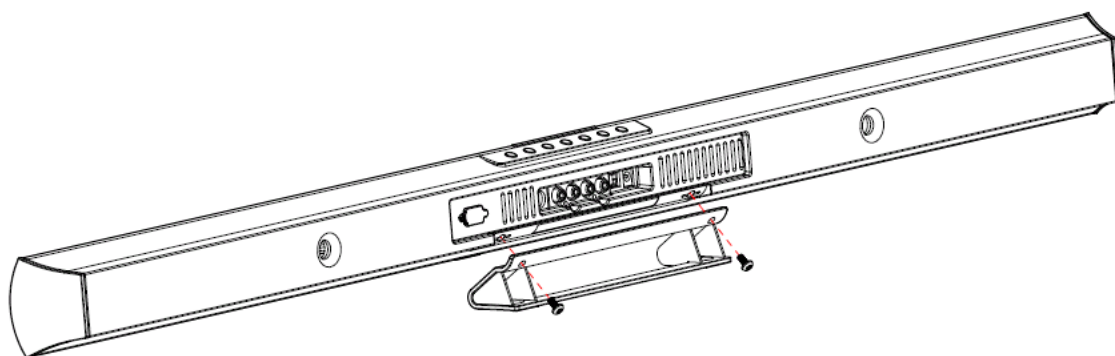
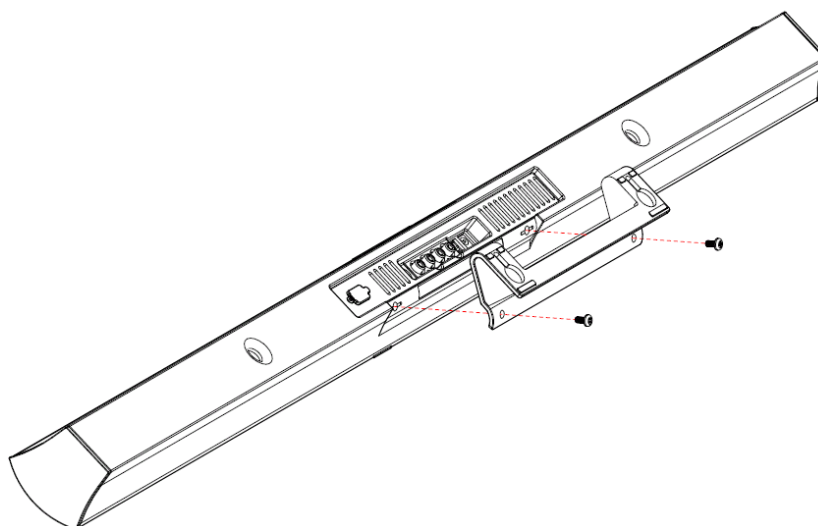


Figure 2



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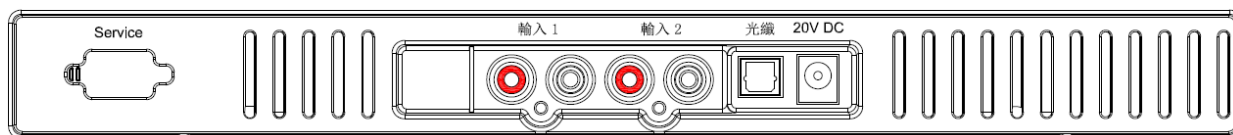
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# 1.SPZ210 Basic Function

## 1.1 Sound Bar


### 1.1 Sound Bar Connections



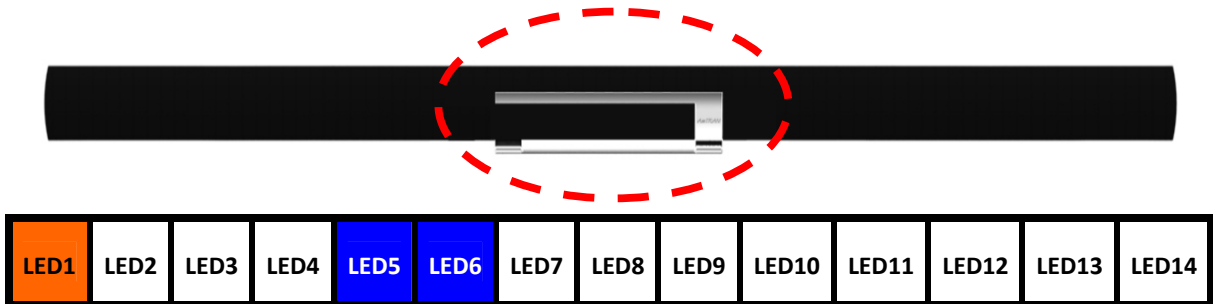
1. **Input 1**- RCA analog audio in
2. **Input 2**- RCA analog audio in
3. **S/PDIF**- Optical audio in
4. **Service**- Service Port, for technical service use only
5. **20V DC**-20V 3A /100~240V AC/DC Power Adapter

## 1.2 Sound Bar Buttons



- (1)  : Turn SPZ210 Sound Bar System ON or OFF
- (2) **Vol+** : Press to turn the volume up
- (3) **Vol-** : Press to turn the volume down
- (4) **Mute** : Press to mute the sound bar
- (5) **Input** : Press repeatedly to step through the input sources.
- (6) **TSHD** : Press to turn the SRS TruSurround HD on or off.
- (7) **TVOL** : Press to turn the SRS TruVolume on or off.

## 1.3 LED Status



1.LED1 Power Indicator

2.LED2 SPDIF Indicator; Flash to present current input. Continuous flashing when input format does not supported (etc DTS).

3.LED3 Input 1 Indicator; Flash to present current input

4.LED4 Input 2 Indicator; Flash to present current input.

5. LED5 SRS TSHD Indicator

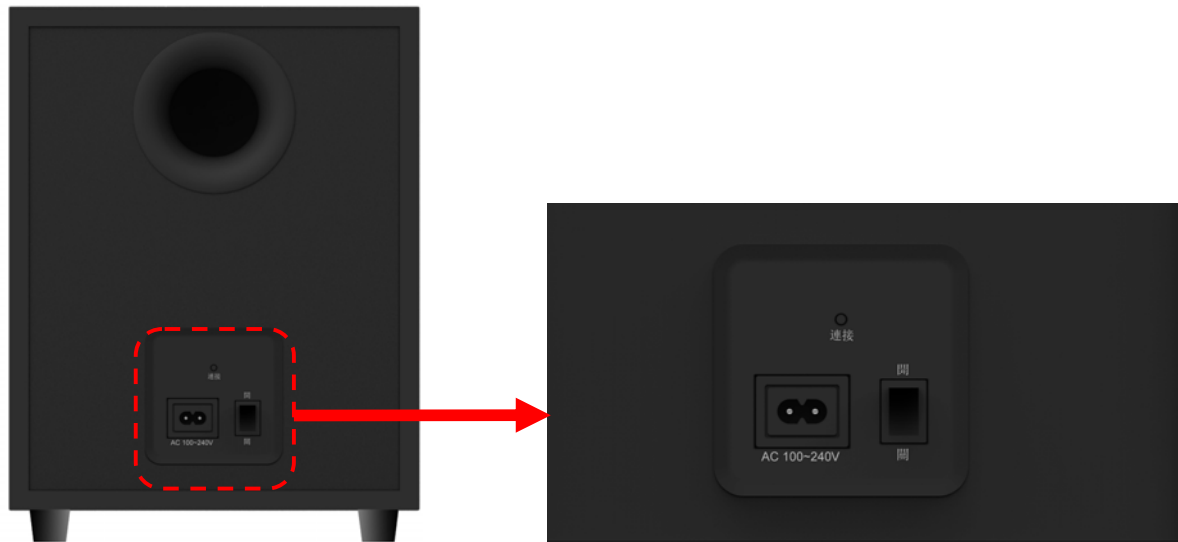
6. LED6 SRS TVOL Indicator

LED7 ~LED14, Volume Indicator; each LED has 6 brightness level, represent 48 different volume indication while adjust volume.

LED2~LED14 flashes when mute mode.

## 2. Subwoofer Connections

### 2.1 Controls and Connections



- (1) Power ON/OFF-** Press to turn the subwoofer on or off
- (2) LINK-** Press the button to pair to the sound bar. See pairing on section 2.3.4 for more information on pairing.
- (3) AC 100~240V-** Connect the power cable here.
- (4) Power/Link Indicator LED-** The LED will Light solid blue when subwoofer is turned on and paired. The LED blinks to indicate the pairing is taking place.

## Chapter 2 Use and Setting

### 1. product operating instructions

1. Use the signal cable to connect the device (eg: TV or DVD player, audio-visual equipment, etc.) audio output terminal to the sound bar input connector
2. Connect the adapter to the Sound bar, plug AC power cord into the power outlet.
3. Connector AC power cable to the Subwoofer , plug the power cord into an electrical outlet, turn on the power switch.
4. Press the "⏻" on the Top panel Button or remote control "⏻" key, to turn on the product.
5. to determine the power and connect the subwoofer to constant bright light (blue light), If the LED is slowly flashing, perform the following steps to initiate the pairing.
  - (1) Hold down the mute button on the front speakers 3 to 5 seconds, LED14 flashes and enter pairing mode.
  - (2) Press the back of the subwoofer connection key 3 to 5 seconds, LED lights flash, wireless pairing in progress.
  - (3) Subwoofer LED constant blue light, indicating that pairing is complete the wireless link.
6. Turn on the Device which is connect to the sound bar.
7. Press the "Input" key on the remote control or Top panel on the sound bar, to select the signal source (Input 1 / Input 2 / optical fiber).
8. Press the "Volume + / Volume - / Bass + / Bass" key on the remote control or Top panel on the sound bar , to adjust the appropriate volume output.
9. based on user preferences, to select sound effect mode on or off.

**TSHD** : suggestions on this feature to enjoy the surround sound feeling.

**TVOL** : If input source is TV, suggested that this feature is turn on

## 2. Remote Control Button Function:

### 2.1 Remote Button Function :

**Power-**Use this button to turn Sound Bar ON or OFF.

**Input-**Use this button to select the input desired. Repeated pressing will cycle through input 1, input 2 or Optical In.

**Vol+/-** Use these buttons to increase or decrease the speaker volume.

**Sub+/-** Use these buttons to increase or decrease the volume output of the Subwoofer relative to the overall system volume.

**Mute-** This button turns the sound on and off.

**TSHD-** Press this buttons to turn SRS TrusurroundHD on and off.

**TVOL-** Press this button to control the level of audio output to prevent commercials from being louder than the volume of the program being viewed.



## 2.2 Remote Control Range

- Point the remote control at the remote control sensor to transmit the commands.
- Do not place any obstacles between the remote control and the receiver window.
- The effective range of the remote control is approximately 8 feet (6 meters) from the front of the receiver window, 30° to the left and right, 20° up and down.

## 2.3 Installing the Battery in the Remote Control

1. Turn the remote control over, Press inward to release the lock (1), and at the same

time, slide the battery holder out of the remote with your fingernail (2).

2. Insert the supplied CR2025 Lithium Button Battery into the remote control. Make sure that you match the (+) symbol on the battery with the (+) symbol on the battery holder.
3. Re-insert the battery cover in the same orientation.



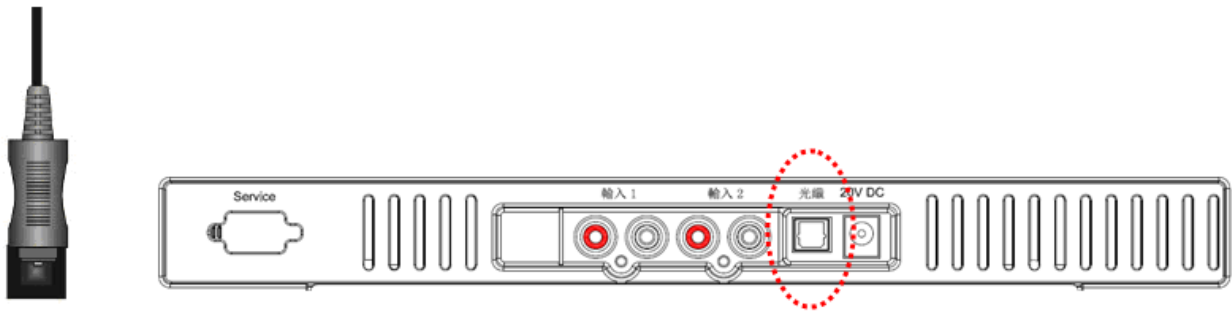
## 2.4 Precautionary Tips for Inserting the Batteries:

1. Only use the specified battery.
2. Inserting incorrect battery may cause damage to the remote control.
3. Dispose of the battery in accordance with local laws and regulations.
4. Keep the battery away from children and pets.

## Chapter 3 Connecting Equipment

### 1. Digital Connection

If your device (TV, Set-top Box, DVD player, Home Theater System, VCR, Computer, etc.) has an S/PDIF (optical) digital audio output, you can connect it to the S/PDIF jack on the Sound Bar.



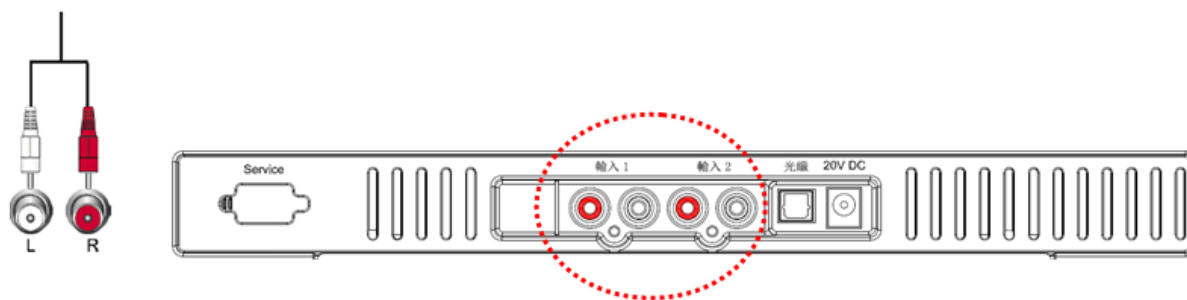
1. Turn off power to the Sound Bar and the device.
2. Connect one end of the Optical (S/PDIF) cable (sold separately) to the digital audio output on the device.
3. Connect the other end of the Optical (S/PDIF) cable to the S/PDIF jack on the Sound Bar.
4. Turn on power to the Sound Bar and the device.
5. Select the Optical input by pressing the input button on the top of the Sound Bar or the remote control.

#### Note :

- When using the Optical input on the Sound Bar with a TV or computer, set the output mode of that device to PCM. Refer to the Tvor computer user manual for more information.



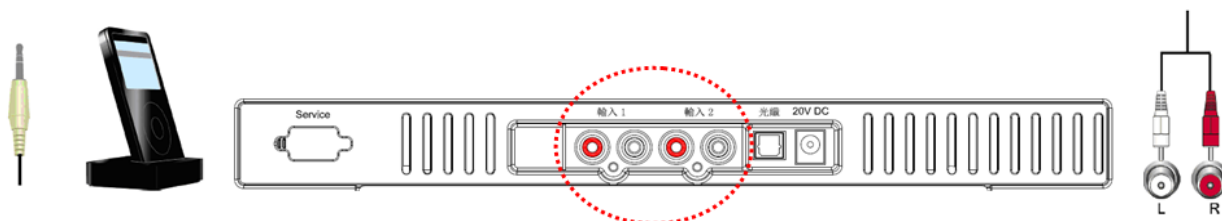
## 2. Analog Connection



1. Turn off power to the Sound Bar and the device.
2. connect one end of the audio cable (white and red connectors) to the analog audio output on the device.
3. Connect the other end of the audio cable (white and red connectors) to the **INPUT 1** or **INPUT 2** Jacks on the Sound Bar.
3. Turn on power to the Sound Bar and the device.
4. Select the associated input by pressing the **Input** button on the top of the Sound Bar or the remote control.

### 3. Connecting an MP3 Player

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1. Turn off power to the Sound Bar and the MP3 player.
2. Connect one end of the audio cable to the analog audio output on the MP3 player Docking Unit.
3. Connect the other end of the audio cable (white and red connectors) to the **INPUT 1** or **INPUT 2** jacks on the Sound Bar.
4. Turn on the power to the Sound Bar and MP3 player.
5. Select the associated input by pressing the input button on the top of the Sound Bar or Remote Control.

#### Note :

1. Most MP3 players commonly use a 1/8" Stereo Mini-jack. In this case, use a 1/8" stereo mini-jack-to-RCA(AV) cable (sold separately).
2. If wall mounting of the Sound Bar System is planned, purchase a right-angle RCA cable to avoid mounting interference.
3. Refer to your MP3 player user manual for more information about the audio output settings and connections of the product.

## **Chapter 4 Maintenance and Troubleshooting**

### **1. Maintenance**

#### **1.1.Important**

1. Make sure that the power cables are removed from their sockets before cleaning the Sound Bar or Sub-Woofer.
2. Do not use volatile solvent (such as toluene, rosin and alcohol) to clean the Sound Bar or Sub-Woofer. Such chemicals may damage the Sound Bar or Sub-Woofer housing.

#### **1.2 Cleaning the Housing and Remote Control**

1. Use a soft cloth for cleaning.
2. If the housing is seriously contaminated, use a soft cloth moistened with diluted neutral cleaner to clean the display. Wring water out of the cloth before cleaning to prevent water

## 2. Troubleshooting Guide

If the HD Sound Bar System fails to operate, or the performance changes dramatically, check the operation in accordance with the following instructions. Remember to check the peripherals to pinpoint the source of the problem. If the HD Sound Bar System still fails to perform as expected, contact the AmTRAN for assistance by calling 0800-88-0505.

Problem	Solution
No power.	<ul style="list-style-type: none"> <li>Press the power button on the remote control or the top of the Sound Bar.</li> <li>Make sure power cords are securely connected to electrical outlet and on the back of the Sound Bar and Subwoofer.</li> <li>Plug another electrical device to the power outlet to verify that the outlet is working.</li> </ul>
No sound.	<ul style="list-style-type: none"> <li>Press MUTE on the remote to make sure the Sound Bar is not mute.</li> <li>Press the Volume +(Up)/-(Down) button on the remote control or the top of the Sound Bar.</li> <li>Press the INPUT button on the remote control or the top of the Sound Bar to select a different input source.</li> </ul>
No sound on Optical In (S/PDIF)	<ul style="list-style-type: none"> <li>The external device may be set to AC3 (Dolby Digital) output. SRS TS-HD requires PCM audio. Change the device output to PCM.</li> </ul>
Buzzing or humming	<ul style="list-style-type: none"> <li>Make sure that both ends of the audio cables are connected securely.</li> <li>Test on an alternate device or replace the audio cable.</li> <li>Test the device and cable on an alternate input on the Sound Bar</li> </ul>
Settings are lost	<ul style="list-style-type: none"> <li>Power may have been disconnected from the wall outlet. To keep settings, leave power connected.</li> </ul>

### 3. Telephone & Technical Support

Products are often returned due to a technical 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 or repair, after the warranty period, please contact our Support Department at the number below.

Customer support and quality service are integral parts of AmTRAN'S commitment to service excellence.

For technical assistance contact our AmTRAN Technical Support Department via email or phone.

**Telephone : 0800-88-0505**

Please have your AmTRAN model number, serial number, and date of purchase available before you call.

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference

to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

## Chapter 5 Specification

<b>Model Number</b>	AVC SPZ210
<b>Sound Bar System Speakers</b>	Four 1.6" x 3.3" High Efficiency hand-built mid/bass transducers Two 3/4" High Performance Aluminum Dome Neodymium Tweeters
<b>Wireless Subwoofer</b>	6.5" long throw (high excursion) driver
<b>Frequency Response</b>	38Hz - 20KHz
<b>Sound bar Amplifier</b>	Integrated Class D @ 25Wx2 channel
<b>Wireless Subwoofer Amplifier</b>	Integrated Class D @ 60W
<b>Wireless Range</b>	20m or 60 feet -Clear Line of Sight
<b>Inputs</b>	Stereo Audio-2 rear of HD Sound Bar System SPDIF-1 rear of HD Sound Bar System
<b>Digital Audio Processing</b>	Dolby Digital , 48KHz/ 24bit Linear PCM, 44.1KHz, 48KHz, 96KHz/ 16bit , 20bit , 24bit
<b>Wireless Technology</b>	2.4GHz
<b>Sound Effect Mode</b>	SRS TruSurround HD SRS TruVolume
<b>Sound Pressure Level</b>	90 dB @ 1M
<b>Compliances</b>	UL, FCC
<b>Certifications</b>	SRS TruSurround HD/SRS TruVolume/Dolby Digital
<b>Sound bar Power Input</b>	Power Adaptor DC 20V 3A / AC 100~240V 50/60Hz
<b>Subwoofer Power Input</b>	AC 100~240 50/60 Hz
<b>Dimensions HD Sound Bar System w/stand</b>	105.2 cm x 8.6 cm x 4.8cm
<b>Dimensions HD Sound Bar System w/out stand</b>	105.2 cm x 6.8 cm x 4.8 cm
<b>Dimensions Subwoofer</b>	26.6 cm x 25.4 cm x 33.2 cm
<b>Net Weight (HD Sound Bar System)</b>	1.6 kg
<b>Net Weight (Subwoofer)</b>	5.6 kg
<b>Gross Weight</b>	10.6 kg

\*Product specifications may change without notice or obligation.