

# SONANCE

BEYOND SOUND

SR 2-125  
TWO-CHANNEL DSP AMPLIFIER  
INSTRUCTION MANUAL

# DSP AMPLIFIER

## SR 2-125 TWO-CHANNEL AMP

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### **READ THIS DOCUMENT IN ITS ENTIRETY BEFORE ATTEMPTING INSTALLATION.**

- 1. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with a dry cloth.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9. Only use attachments/accessories specified by Sonance.
- 10. Refer all servicing to qualified service personnel.

# DSP AMPLIFIER

## SR 2-125 TWO-CHANNEL AMP

### IMPORTANT SAFETY INFORMATION

You should always follow these basic safety precautions when using your SR 2-125 amplifier to reduce the risk of fire, electric shock, and injury to persons:

1. **Read and retain instructions:** Read all the safety and operating instructions before operating the amplifier, and retain them for future reference.
2. **Heed warnings:** Adhere to all warnings and precautions listed on the amplifier and in the operating instructions.
3. **Follow instructions:** Follow all operating instructions.
4. **Water:** Never use the amplifier next to water.
5. **Carts and stands:** The amplifier should be used only with a cart or stand that is recommended by the manufacturer. An amplifier and cart combination should be moved with care.
6. **CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT USE THE POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE, OR OTHER OUTLETS UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.**
7. **Ventilation:** Situate the amplifier so that its location does not interfere with its proper ventilation.
8. **Heat:** Situate the amplifier away from heat sources such as radiators, stoves, or other appliances (including amplifiers) that produce heat.
9. **Grounding or polarization:** Grounding or polarization are precautions that should be taken so that these attributes are not defeated.
10. **Power-cord protection:** Route power supply cords so that they will not be walked on or pinched by items placed on or against them.
11. **Cleaning:** To clean the amplifier, use “canned air” or wipe the amplifier with a soft cloth. Do not use solvents as they may damage the amplifier.
12. **Non-use periods:** Unplug the amplifier’s power cord from the outlet when the amplifier will be left unused for a long period of time.
13. **Object entry:** Care should be taken so that objects do not fall through the opening of the enclosure.
14. **Moisture:** Do not expose the amplifier to dripping or splashing. Do not place objects filled with liquids, such as vases, on the amplifier.
15. **Damage requiring service:** Have the amplifier serviced by a qualified service personnel when:

- The power supply cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled into the amplifier.
- The amplifier has been exposed to rain.
- The amplifier does not appear to operate normally or exhibits a marked change in performance.
- The amplifier has been dropped, or the enclosure damaged.

16. **Servicing:** The user should not attempt to service the amplifier beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
17. **Lifting:** Improper lifting of the 11lbs. SR2-125 amplifier can cause personal injury.
18. **Power requirement:** Do not connect the SR 2-125 amplifier to the accessory outlet of any other component. A minimum 15 amp (20 amp preferred) grounded wall outlet is required.

**WARNING: THE POWER (MAINS) PLUG SERVES AS THE AMPLIFIER’S DISCONNECT DEVICE. THE DISCONNECT DEVICE SHALL REMAIN READILY OPERABLE DURING OPERATION. TO ENSURE THAT THE DISCONNECT DEVICE (POWER PLUG) IS EASILY ACCESSIBLE, THE USER SHALL NOT PLACE THE AMPLIFIER IN A CONFINED AREA DURING OPERATION.**

19. **Storms:** To prevent damage to components, unplug all electronic equipment during thunderstorms.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO AUTHORIZED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product’s enclosure 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 maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. THE APPLIANCE SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING. NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPLIANCE.

# INSTRUCTIONS IMPORTANTES CONCERNANT LA SÉCURITÉ

1. Lisez soigneusement ces instructions.
2. Conservez-les en lieu sûr pour toute référence future.
3. Respectez scrupuleusement tous les avertissements de sécurité.
4. Suivez toutes les instructions indiquées.
5. Ne pas utiliser cet appareil près de l'eau.
6. Nettoyez cet appareil uniquement avec un chiffon sec.
7. Ne jamais obstruer ses ouïes de ventilation. Installez cet appareil suivant les instructions recommandées par son fabricant.
8. Ne jamais installer cet appareil près d'une source de chaleur, comme les radiateurs, bouches de chaleur, fours et tout autre appareil (y compris les amplificateurs de puissance) générant de la chaleur.
9. Ne jamais démonter la prise polarisée ou la broche de mise à la terre de la prise secteur. Une prise polarisée possède deux lames, l'une étant plus large que l'autre (standard américain). Une prise avec mise à la terre possède trois broches, dont une centrale déportée par rapport aux deux autres. Ces différents brochages ont été conçus pour votre sécurité. Si la prise de l'appareil ne rentre pas dans la prise d'alimentation secteur de votre installation, veuillez consulter un électricien agréé pour le remplacement de la prise murale (certainement pas aux normes actuelles).
10. Protégez le câble d'alimentation secteur de telle manière qu'il ne puisse pas être écrasé ou pincé, particulièrement au niveau des prises, du passage dans des goulettes prévues à cet usage, ou à l'endroit où il sort de l'appareil.
11. N'utilisez que les systèmes de fixation et accessoires prévus et conseillés par le fabricant.
12. N'utilisez que des tables, supports, pieds, bras de fixation prévus ou conseillés par le fabricant, ou vendus avec l'appareil. Si un support mobile est utilisé, toujours procéder avec une grande précaution lors du déplacement de ce support afin d'éviter que l'appareil ne tombe et puisse blesser physiquement une personne.
13. Débranchez complètement l'appareil pendant un orage ou une longue période de non-utilisation.
14. Pour toute intervention sur l'appareil, adressez-vous exclusivement à du personnel qualifié et agréé. Une intervention s'avérera nécessaire si l'appareil a été endommagé, pour quelque raison que ce soit, et par exemple si le câble d'alimentation secteur ou sa prise sont endommagés, si du liquide a pénétré à l'intérieur de l'appareil, ou un objet y est tombé, ou bien si l'appareil a été exposé à la pluie ou à l'humidité, ou bien est tombé, ou encore ne fonctionne pas de manière normale.

15. Ne jamais exposer cet appareil à des risques de coulures ou d'éclaboussures de liquides ; ne jamais poser d'objets remplis de liquide - comme des vases, sur l'appareil.



Le symbole de l'éclair terminé par une pointe de flèche, dans un triangle équilatéral, est utilisé pour indiquer à l'utilisateur la présence d'une tension électrique potentiellement dangereuse, à l'intérieur de l'appareil, d'un niveau suffisamment élevé pour présenter des risques d'électrisation aux personnes physiques.



Le symbole du point d'exclamation, dans un triangle équilatéral, est utilisé pour indiquer à l'utilisateur, dans les manuels accompagnant l'appareil, la présence d'un point très important, concernant le fonctionnement ou la maintenance de l'appareil, à respecter impérativement.

**ATTENTION: POUR RÉDUIRE TOUT RISQUE D'ÉLECTROCUTION, NE JAMAIS EXPOSER CET APPAREIL À LA PLUIE OU L'HUMIDITÉ.**



**WARNING:** Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** 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.

## INTRODUCTION

Thank you for purchasing the SONANCE SR 2-125 amplifier. When properly installed, this amplifier will give you many years of entertainment pleasure. To get the most out of your new amplifier please read this manual thoroughly before you begin installation.

To achieve the best performance SONANCE recommends that this amplifier be installed by a SONANCE Authorized Dealer/Installer.

## BOX CONTENTS

- (1) SR 2-125 Amplifier
- (1) Installation Manual
- (1) IEC Power Cord
- (2) Long Rack Ears
- (4) Rubber Feet
- (1) DSP Preset Matrix

## UNPACKING

Save the carton and polystyrene inserts for future safe transport in case the amplifier is moved or requires shipping for repair.

Before proceeding with installation locate the serial number on the rear panel of the unit and note it here for future reference:

S/N: \_\_\_\_\_

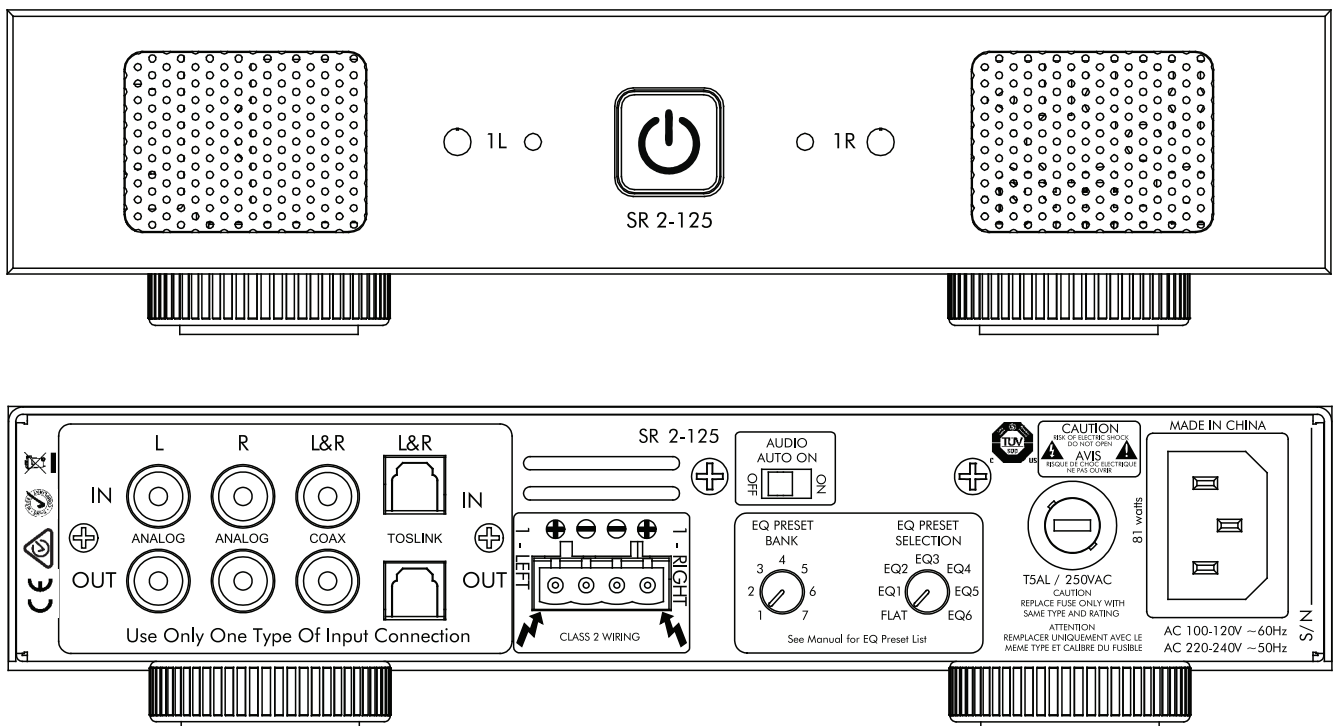
## PLACEMENT

Place the amplifier on a level surface, in an upright position, out of direct sunlight and away from windows through which rain may enter.

Situate the amplifier away from heat sources such as hot air ducts or radiators. Be sure that the amplifier is adequately ventilated by convection or suitable cabinet fans.

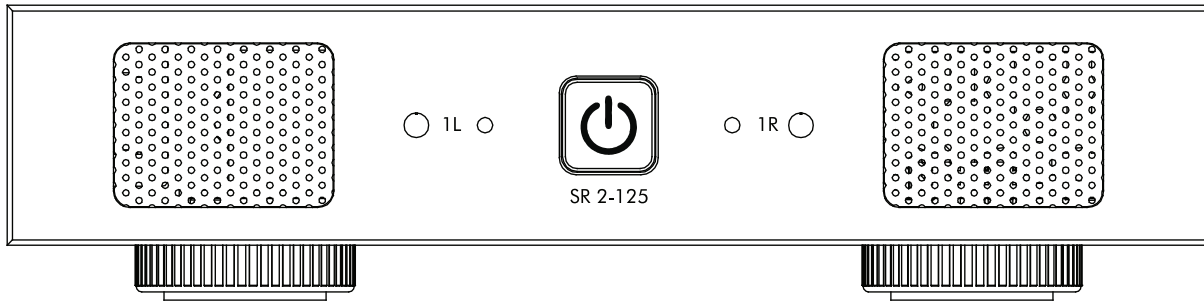
- Never place any object on or against the amplifier.
- Never operate the amplifier on a carpeted surface as this will compromise ventilation.
- When the amplifier is installed in any cabinet, the front or back must be open during operation. Alternately, install fans in the cabinet to assure continuous ventilation.

FIGURE 1: SR 2-125 TWO-CHANNEL AMPLIFIER



# PRODUCT FEATURES

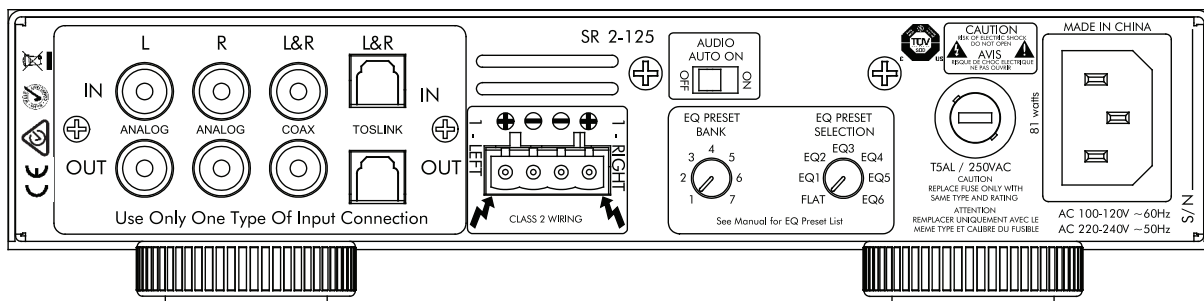
FIGURE 2: SR 2-125 TWO-CHANNEL AMPLIFIER FRONT PANEL



## SR 2-125 FRONT PANEL

1. Illuminated Power Button
2. Power, Active & Protection Indicator LED
3. Recessed Volume Level Control

FIGURE 3: SR 2-125 TWO-CHANNEL AMPLIFIER REAR PANEL



## SR 2-125 REAR PANEL

- |                             |                           |
|-----------------------------|---------------------------|
| 4. L/R Line In/Coax/Toslink | 8. EQ Preset Selection    |
| 5. Speaker Block Connector  | 9. AC Fuse Holder         |
| 6. Audio Auto On/Off Switch | 10. Power Cord Connection |
| 7. EQ Preset Bank           |                           |

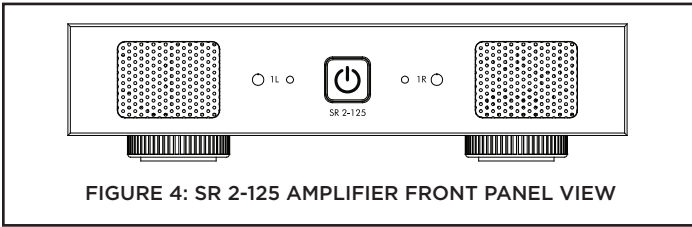


FIGURE 4: SR 2-125 AMPLIFIER FRONT PANEL VIEW

## Front Panel

### Power Switch

The power switch turns the amplifier on and off.

When the power switch is lit solid white, the amplifier has power, is turned ON and ready to operate.

When the power switch is slightly dimmed the amplifier is in standby mode.

When the power switch is blinking white, the amplifier power supply is in thermal protection. The channel LEDs will also light red when the power supply is in thermal protect mode.

**NOTE: Upon initial power up there will be an approximately 9-12 second boot up cycle. This is normal.**

### Input/Output Lights

When each channel is active, the LED will light green as long as a signal is present.

When the LED blinks red, this is an indication that the channel is being overdriven.

When the LED lights are solid red this is an indication the amplifier is in protect mode. While in protect mode the LED lights will periodically light green to retest the output to determine if the short has been removed. Protect mode could be caused by a short in the wire, overheating of the amplifier or possibly an internal problem with the amplifier.

**NOTE: WHEN ANY OF THE LEDS ARE LIT RED TURN THE AMPLIFIER OFF IMMEDIATELY. DETERMINE THE CAUSE OF THE PROBLEM BEFORE TURNING THE AMPLIFIER ON.**

### Volume Level Control

Each channel on the amplifier has front panel recessed volume controls that will adjust the output and turn on volume. The amplifier must be powered on to make these adjustments.

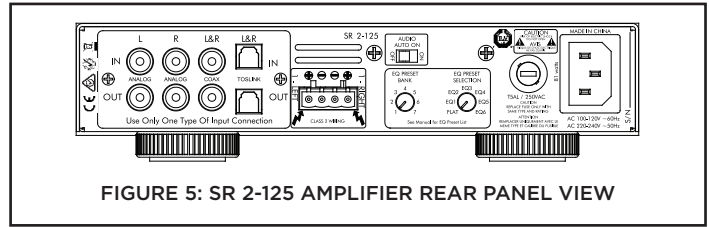


FIGURE 5: SR 2-125 AMPLIFIER REAR PANEL VIEW

## Rear Panel

### Inputs

The SR 2-125 amplifier has analog, coax and toslink LINE INPUTS and loop OUTPUTS.

The analog loop outputs are non buffered. The maximum number of amplifiers that can be looped together will depend on the output capability of your source component. The digital outputs are buffered and can support multiple amplifiers. Only one output can be used at a time.

### Speaker Connections

The removable block connectors used on the SR 2-125 amplifiers will accept up to 12 gauge wire.

Follow the connection layout on the rear panel of the amplifier. Make sure no bare wires come in contact with the amplifier chassis.

### AC Fuse Holder

To replace the fuse, unplug the power cord from the Power Cord Connector and use a screwdriver to remove the fuse holder.

SR 2-125 - 5 amp AC (T5-AL)

**CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE, REPLACE THE FUSE WITH ONLY THE SAME TYPE AND RATING.**

### Power Cord

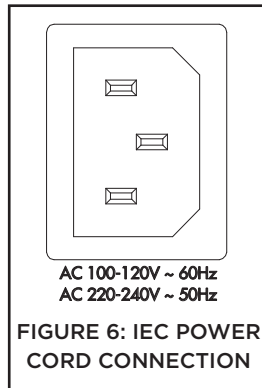
The SR 2-125 amplifiers feature removable IEC power connectors. Plug the female end of the power cord into the Power Cord Connector on the amplifier rear panel and plug the male end into a grounded wall socket.

DO NOT plug the amplifier's power cord into a convenience outlet on any other audio or video component. If you need to use an extension cord, use only a heavy duty (14-GAUGE OR LARGER) extension cord to avoid starving the amplifier of the current necessary for full operation.

## POWERING THE AMPLIFIER

The SR 2-125 features a removable IEC power connector (Figure 6). A 14-gauge EIA standard 120-volt grounded power cable is included with the amplifier.

Each time the amplifier's power cord is initially plugged in and the POWER switch is turned ON, all channel outputs are disconnected for approximately 9-12 seconds and all PROTECTION LEDs will illuminate briefly while the amp boots up.



**IMPORTANT: DO NOT PLUG THE POWER CORD INTO THE WALL OUTLET UNTIL ALL SYSTEM CONNECTIONS HAVE BEEN MADE AND VERIFIED.**

Plug the female end of the power cable into the Power Connector on the amplifier's rear panel and plug the male end directly into a grounded 15 amp or 20 amp wall outlet.

**IMPORTANT: DO NOT PLUG THE AMPLIFIER'S POWER CORD INTO A CONVENIENCE OUTLET ON ANY OTHER AUDIO OR VIDEO COMPONENT.**

If the electrical service is subject to frequent sags, spikes, or brownouts, a power conditioner designed for use with high fidelity equipment should be employed to protect the amplifier.

**CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE, REPLACE THE FUSE WITH ONLY THE SAME TYPE AND RATING.**

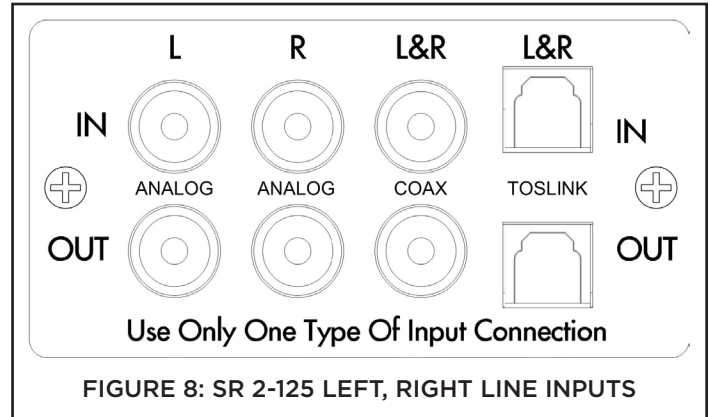
## Source Connections/Selection SR 2-125

There are two options when connecting audio inputs to the SR 2-125 amplifier (see Figure 8):

Primary Line Inputs 1-L, 1-R - Use these inputs for analog audio source.

Primary Line Coax Inputs L&R - Use these inputs for coax audio source.

Primary Line Toslink Inputs L&R - Use these inputs for toslink audio source.



Amplifiers Power Requirements:				15 AMP Breaker	20 AMP Breaker
Model	Input Voltage	Output Power (sinewave)	Draw Watts	Qty of Amplifiers	Qty of Amplifiers
SR 2-125	100-120V AC	Full Power All Channels @ 8 ohms	311.5	4	6
		Full Power All Channels @ 4 ohms	326	4	5
		1/8 Power All Channels @ 8 ohms	61.5	23	31
		1/8 Power All Channels @ 4 ohms	63	22	30
		@ Idle	26.5		
		@ Standby	0.3		
SR 2-125	220-240V AC	Full Power All Channels @ 8 ohms	300	4	6
		Full Power All Channels @ 4 ohms	314.5	4	6
		1/8 Power All Channels @ 8 ohms	58.5	24	32
		1/8 Power All Channels @ 4 ohms	60	24	32
		@ Idle	24		
		@ Standby	0.48		

FIGURE 7: SR 2-125 TWO-CHANNEL AMPLIFIER POWER REQUIREMENTS



## Speaker Connections

For the best sound you should use premium speaker wire that complies with fire rating codes. Be sure to check local codes governing wire that may be installed within walls or ceilings. SONANCE amplifiers are stable with any reputable brand of speaker wire or cable. The SR 2-125 amplifiers use speaker block connectors that can accommodate up to 12 gauge wire (see Figure 9).

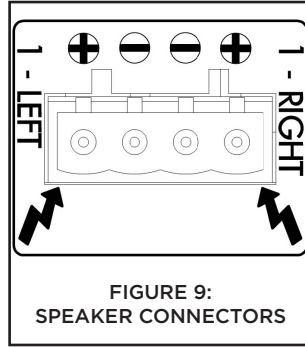


FIGURE 9:  
SPEAKER CONNECTORS

**NOTE: ALWAYS CHECK LOCAL BUILDING CODES BEFORE INSTALLING WIRE IN WALLS OR CEILINGS.**

## Source Connections SR 2-125

On the left side of the rear panel are the audio inputs for the left and right channels. In addition to the left and right inputs there are also loop outputs for each channel.

The analog loop outputs are non buffered. The maximum number of amplifiers that can be looped together will depend on the output capability of your source component. The digital outputs are buffered and can support multiple amplifiers. The source connected to the LEFT and RIGHT LINE IN Inputs pass through the LEFT and RIGHT LINE Outputs (see Figure 10). This also applies to the Coax and Toslink inputs.

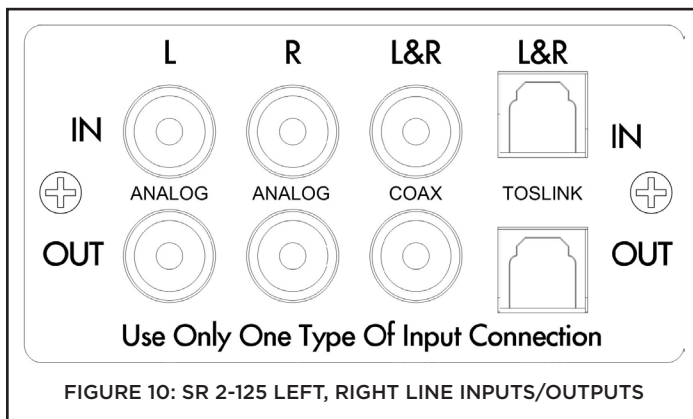
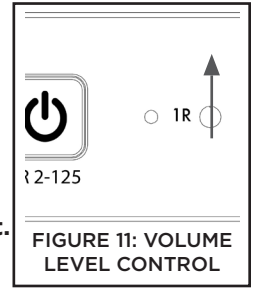


FIGURE 10: SR 2-125 LEFT, RIGHT LINE INPUTS/OUTPUTS

## Volume Level Control

Volume can be controlled from the individual recessed volume level control screws, located on the front panel (see Figure 11). These volume controls balance the desired sound levels per channel.

**The volume level controls are set to maximum, fully clockwise, by default.**



**IMPORTANT: USE CAUTION WHEN SETTING VOLUME LEVELS EITHER ON THE AMPLIFIER OR AN AUDIO SOURCE AS NOT TO OVERDRIVE AND POSSIBLY DAMAGE SPEAKERS. VERIFY ALL SOURCES AS OUTPUT VOLTAGE VARIES FROM DEVICE TO DEVICE.**

## Protection Circuitry and LEDs

The SR 2-125 amplifiers have a multi-stage protection system to prevent damage to your amplifier and speakers.

### SR 2-125 Amplifier Channel Protection

If a channel encounters a short-circuit or an extremely low impedance this will cause the affected channel outputs to automatically mute. The output of the affected channel will remain muted until the fault has been corrected. Only the affected channels output will mute, all other channels will continue to operate normally.

### SR 2-125 Amplifier Channel Protection Indication

On the front panel of the SR 2-125 amplifiers are dual color LEDs that illuminate to indicate the current operating status of each amplifier channel.

When the LED blinks red this is an indication that the channel is being overdriven.

When the LED lights are solid red this is an indication the amplifier is in protect mode. While in protect mode the LED lights will periodically light green to retest the output to determine if the short has been removed. Protect mode could be caused by a short in the wire, overheating of the amplifier or possibly an internal problem with the amplifier.

**IMPORTANT: ALLOWING THE AMPLIFIER TO OPERATE WITH ONE OR MORE CHANNELS IN PROTECT MODE FOR AN EXTENDED PERIOD OF TIME CAN DAMAGE THE AMPLIFIER.**

### SR 2-125 Amplifier Power Supply Protection

The amplifier also has protection for the power supply. If the power supply heat sink temperature exceeds the design maximum the protection circuit will activate disconnecting all channel outputs. This is indicated by a blinking light on the front panel power switch.

**IMPORTANT: ANY TIME THE PROTECTION CIRCUITS ARE TRIGGERED, UNPLUG THE AMPLIFIER'S POWER CORD FROM THE WALL OUTLET BEFORE TROUBLESHOOTING.**

## Shelf Mounting

If shelf mounting, attach the four included feet by screwing them into the threaded openings, no tool is required.

## Rack Ear Installation SR 2-125

The SR 2-125 amplifier ships with two long rack ears for when the amplifier is to be used alone in a 1U space. Unscrew the four Phillips head screws (M4 x 0.7 pitch x 10mm long) found on each side of the left and right forward section of amplifier. Use these screws to connect the included rack ears to the amplifier (see Figure 12).

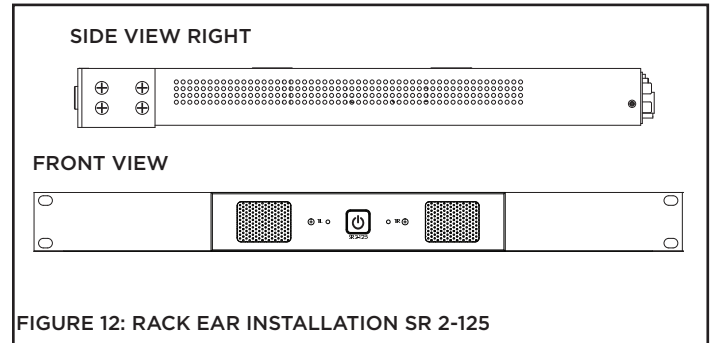


FIGURE 12: RACK EAR INSTALLATION SR 2-125

To place two SR 2-125 amplifiers in a single rack unit order: Rack Mount Bracket for SR 2-125 SKU# 93098 (see Figure 13).

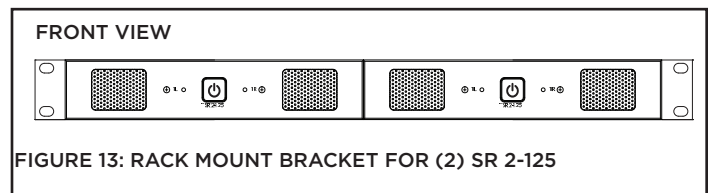


FIGURE 13: RACK MOUNT BRACKET FOR (2) SR 2-125

## Amplifier Stacking

The SR 2-125 amplifier is capable of being directly stacked with the feet removed (see Figure 14) for use in low to moderate output applications. For high-output applications, it is recommended to leave at least 1U space between amplifiers for increased ventilation. It is not recommended to stack more than three amplifiers high without spacing.

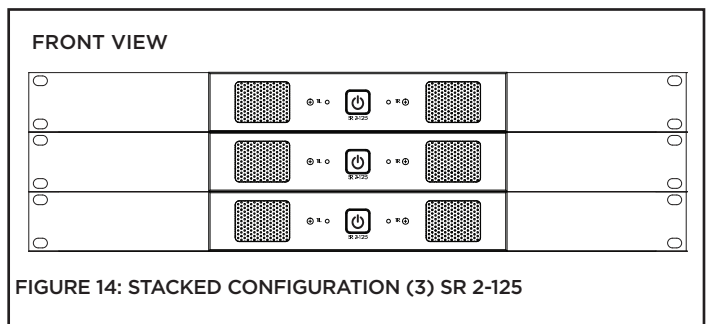


FIGURE 14: STACKED CONFIGURATION (3) SR 2-125

## QUICK SETUP PAGE

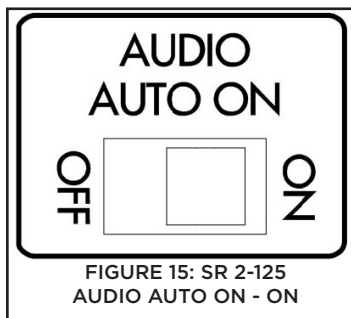
### Audio - Auto On

Select the Audio Auto On mode you would like to use, either ON or OFF.

### Audio Auto On - ON

When the Audio Auto On switch is in the ON position the amplifier will power off after 15 minutes without an audio signal present on any of the channels. When an audio signal is applied the amplifier will take approximately 9-12 seconds to reproduce audio after going through its power up sequence.

NOTE: THE AUDIO AUTO ON - ON MODE USES THE LEAST AMOUNT OF AC POWER WHEN THE AMPLIFIER IS NOT OPERATING.



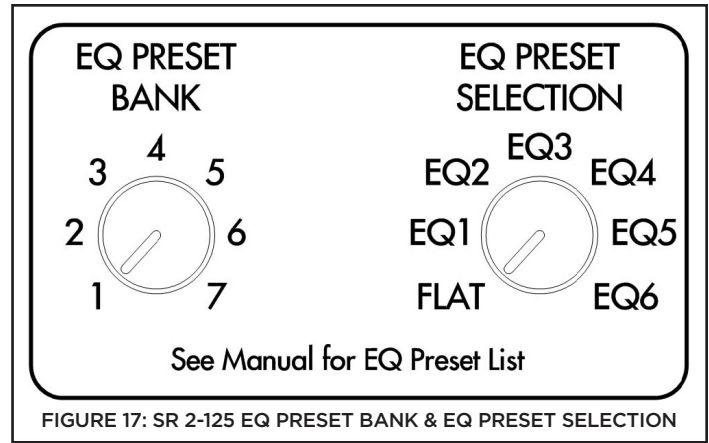
### Audio Auto On - OFF

When the Audio Auto On switch is in the OFF position the amplifier will enter Sleep Mode after 15 minutes without an audio signal present on any of the channels. When an audio signal is applied the amplifier will take approximately 2-3 seconds to reproduce audio.



### Apply DSP Preset

The SR 2-125 amplifier includes pre-programmed DSP presets. These presets are selected utilizing first the EQ Preset Bank dial, followed by the EQ Preset Selection dial (see included DSP Preset Matrix). The first EQ in any bank will be Flat. To select the appropriate preset for your environment please see the included DSP preset Selection Matrix.



## TECHNICAL ASSISTANCE AND SERVICE

The Technical Assistance Department at Sonance is available at (949) 492-7777 to answer any questions concerning the operation and installation of your speakers between the hours of 7:00 AM and 5:00 PM Pacific time, Monday through Friday, except holidays.

In the event your unit should need repair or service, you may return the unit to your authorized dealer or use the following guidelines:

### PLEASE KEEP ORIGINAL PACKAGING WHEN POSSIBLE.

1. Be prepared to state the model number and / or serial number, date of purchase, and dealer's name and address when calling.
2. Contact Sonance directly at (949) 492-7777 or at [www.sonance.com](http://www.sonance.com). **YOU MUST HAVE PRIOR AUTHORIZATION TO RETURN YOUR UNIT.**
3. If you are returning the product directly to Sonance, call us to obtain a return authorization number before shipping.
4. Ship the product via United Parcel Service, Federal Express, or other package delivery service. Please do not use the U.S. Postal Service.
5. Include the return authorization number on the shipping label.
6. Ship to:

Attn: Quality Assurance Department,  
RMA#(include RMA number here)  
Sonance  
11016 Mulberry Ave.  
Suite B  
Fontana, CA 92337

# TECHNICAL SPECIFICATIONS

## SR 2-125 Amplifier

Number of Channels	2 (1 stereo pair)
Power Output - 8 ohms	125 Watts RMS per channel (both channels driven)
Power Output - 4 ohms	200 Watts RMS per channel (both channels driven)
Frequency Response	5Hz - 50kHz, bandwidth limited
Total Harmonic Distortion	0.07% (1kHz, 8 ohms) 0.06% (1kHz, 4 ohms)
Signal to Noise Ratio	-100dB (20Hz-20kHz)
Input Gain	29dB
Input Sensitivity	100mV for 1 Watt Output @ 8 ohms 1110mV for 125 Watts Output @ 8 ohms
Input Impedance	20k ohms
Loop Output Impedance	600 ohms
Maximum Analog Input Voltage	2.9V VAC RMS
Power Consumption 120V AC	
@8 ohms (sinewave, full power)	311.5 Watts (all channels driven)
@4 ohms (sinewave, full power)	326 Watts (all channels driven)
@8 ohms (sinewave, 1/8 power)	61.5 Watts (all channels driven)
@4 ohms (sinewave, 1/8 power)	63 Watts (all channels driven)
@idle	26.5 Watts
@standby	0.3 Watts
Power Consumption 220V AC	
@8 ohms (sinewave, full power)	300 Watts (all channels driven)
@4 ohms (sinewave, full power)	314.5 Watts (all channels driven)
@8 ohms (sinewave, 1/8 power)	58.5 Watts (all channels driven)
@4 ohms (sinewave, 1/8 power)	60 Watts (all channels driven)
@idle	24 Watts
@standby	0.48 Watts
Heat Output	
@8 ohms (sinewave, full power)	242 BTU (all channels driven)
@4 ohms (sinewave, full power)	314 BTU (all channels driven)
@8 ohms (sinewave, 1/8 power)	118 BTU (all channels driven)
@4 ohms (sinewave, 1/8 power)	124 BTU (all channels driven)
Operating Voltage	100-120V@60Hz, 220-240V@50Hz
AC Fuse	5A (T5AL ~ 250V)
Rack Space Requirement	1U - 1/2 Rack Width
Dimensions w/ Feet (W x H x D)	8 5/8" x 2 1/8" x 16 13/16" (219mm x 54mm x 427mm)
Dimensions w/ Rack Ears w/o Feet (W x H x D)	19" x 1 3/4" x 16 13/16" (482mm x 44mm x 427mm)
Shipping Weight	11 lbs (5.0kg)



CAD Files available for download at [www.sonance.com](http://www.sonance.com)

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