



**SMA/SMP  
12" & 15" Speakers**



1601 Jack McKay Blvd. • Ennis, Texas 75119 U.S.A.  
Telephone: 800.876.3333 • Fax: 800.765.3435



# SMA/SMP 12" & 15" Speakers

## Owner's Manual

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Sound**

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## Important Safety Instructions



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 product.



1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this device near water.
6. Clean only with 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 device (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the device.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the device. When a cart is used, use caution when moving the cart/device combination to avoid injury from tip-over.
13. Unplug this device during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the device has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the device, the device has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **WARNING:** To reduce the risk of fire or electric shock, this device should not be exposed to rain or moisture and objects filled with liquids, such as a vase, should not be placed on this device.
16. To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
17. The mains plug of the power supply cord shall remain readily operable.



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### **WARNING When The Device Is In Use**

- To prevent electric shock, do not disassemble the product as there are high voltage components inside. Refer all servicing to Atlas Sound.
- Should any of the following irregularities occur during use, immediately switch off the power, disconnect the power cord from the AC outlet and contact Atlas Sound. Do not attempt to continue operation with the product as this may cause fire or electric shock:
  - Smoke or strange smell coming from the unit.
  - If the product falls or the case is damaged.
  - If the power supply cord is damaged in any way.
  - If the unit is malfunctioning.
- Do not place any containers with liquid or metallic objects on the top of the product. If any liquid spills into the unit, fire or electric shock may result.
- Never operate this product or touch the power supply cord during an electrical storm, electric shock may result.
- Never exceed the power rating on the product when connecting equipment. Fire and/or property damage may result.
- Operate the product only with the voltage specified on the unit. Fire and/or electric shock may result if a higher voltage is used.
- Do not modify, kink, or cut the power cord. Do not place the power cord in close proximity to heaters and do not place heavy objects on the power cord, including the product itself, doing so may result in fire or electrical shock.
- Ensure that the safety ground terminal is connected to a proper ground. Never connect the ground to a gas pipe as a catastrophic disaster may result.
- Be sure the installation of the product is stable, avoid slanted surfaces as the product may fall and cause injury or property damage.



### **CAUTION When Installing The Product**

- Plugging in or unplugging the power cord with wet hands may result in electric shock.
- Never move the unit with the power cord plugged into the wall, as damage to the power cord may result.
- When unplugging the cord from the wall, grasp the plug, NOT the cord.
- Never install this product in humid or dusty locations, nor in direct sunlight, near sources of heat, or in areas where sooty smoke or steam are present. Fire and electric shock may result.



### **CAUTION When The Product Is In Use**

- When powering the product up for the first time, ensure that the level control is turned down. Unexpected high sound pressure levels may be present at the speakers and result in hearing loss.
- Never place heavy objects on the product, causing it to fall and/or break, resulting in personal injury and property damage. In addition, the product itself may fall and cause injury and property damage.
- Never operate the product for extended periods with the sound in a distorted condition. This is an indication of a malfunction, which may result in excessive heat being generated and causing a fire.
- Ensure that the power supply plug is securely plugged into the wall outlet. Never allow dust to accumulate on the power plug or inside the wall outlet.
- When the unit is not to be operated for an extended period, unplug the power cord from the wall.





## Introduction

Thank you for purchasing your new SMA/SMP speaker from Atlas Sound. SMA/SMP speakers are designed to provide high intelligibility and coverage in applications including rental/staging, DJ, house of worship, public speaking, schools, and other applications where fixed installation is not a requirement.

Each SMA/SMP speaker features a 2-way design with either a 12" or 15" die cast low frequency driver and a high performance, high frequency compression driver housed in a durable injection molded enclosure. The SMA models include an integrated 250 watt RMS amplifier that powers both speakers in the cabinet. This amplifier can also power a direct connected SMP passive speaker via the rear panel Speak-ON® connectors.

The SMA models feature rear panel inputs including Mic In XLR, Line In XLR, and Line In RCA. The Mic and Line inputs have independent gain control as well as frequency adjustment to maximize the sound quality of the source. Additionally, each SMA model features a Line Out XLR that can be used to connect a second SMA speaker in order to share the Line In XLR source. The Amp Out Speak-ON® connector is designed to allow connection of a passive SMP speaker model.

Each SMA model features a -6dB crossover point, at 1550Hz on the SMA-12 and at 1575Hz on the SMA-15. The high pass crossover section is also equipped with a Polymeric Positive Temperature Coefficient resettable switch. This switch protects the high frequency driver from damage caused by excessive power ensuring long lasting reliability.

## SMA Model Features

- High Performance High Frequency Compression Driver
- Die-Cast Frame Low Frequency Driver
- Rugged Injection Molded Polypropylene Enclosure
- M10-1.5 Inserts Top and Bottom, for Wall Mounting with Optional Bracket
- Includes Integral 1 $\frac{3}{8}$ " Pole Socket for Speaker Stand Mounting, Atlas Sound SS500E
- Easy Grip Handles on Top and 2 Sides
- XLR Microphone Input
- XLR Line Input
- XLR Line Out
- Dual RCA Line Input
- Separate Microphone: Gain, Low Band, Mid Band, High Band Controls
- Separate Line In: Gain, Low Band, High Band Controls
- Speak-ON® Amplifier Output Connection

## SMP Model Features

- High Performance High Frequency Compression Driver
- Die-Cast Frame Low Frequency Driver
- Rugged Injection Molded Polypropylene Enclosure
- M10-1.5 Inserts Top and Bottom, for Wall Mounting with Optional Bracket
- Includes Integral 1 $\frac{3}{8}$ " Pole Socket for Speaker Stand Mounting, Atlas Sound SS500E
- Easy Grip Handles on Top and 2 Sides
- Speak-ON® Input Connection



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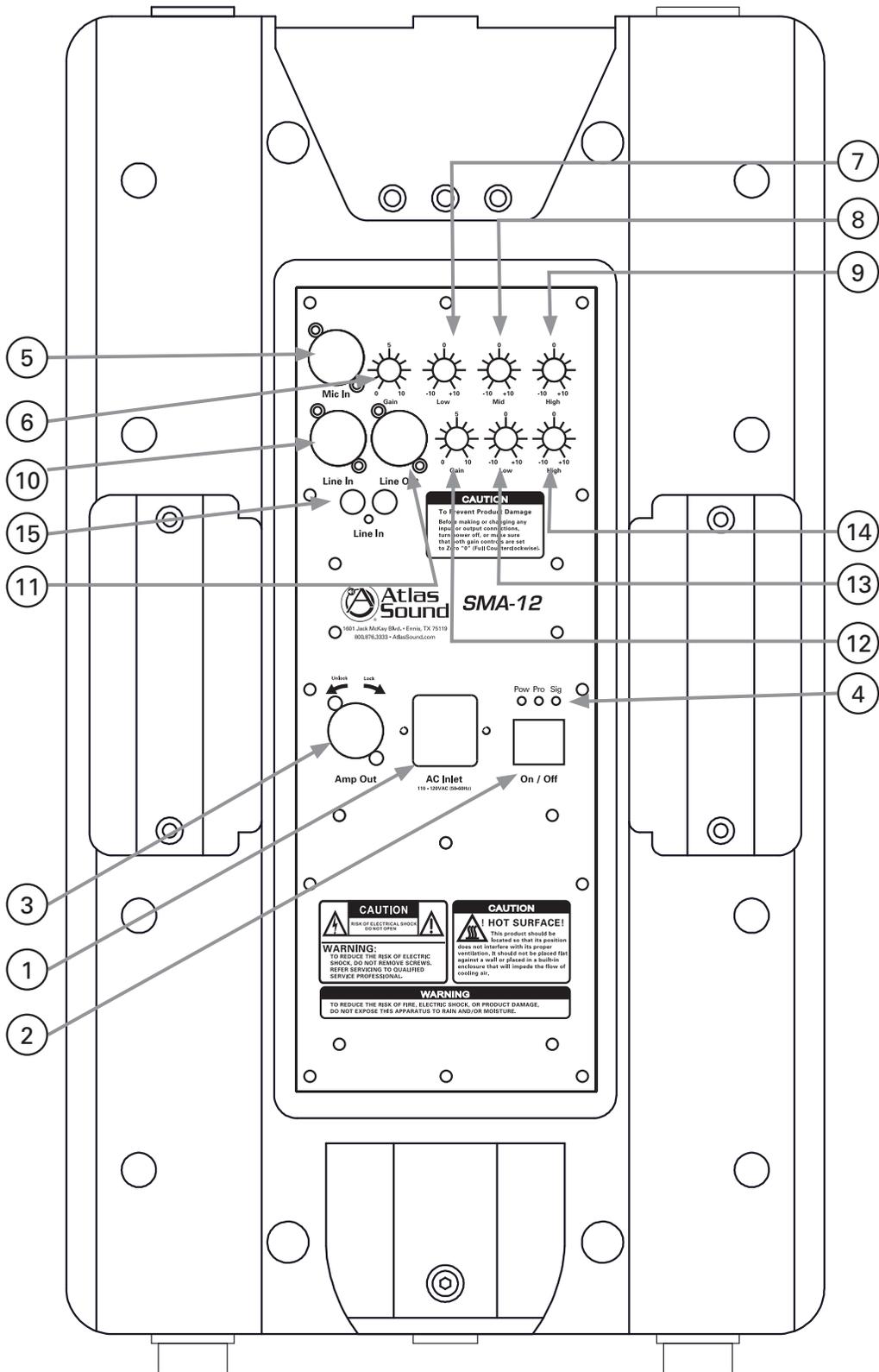
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### **SMA Speaker Rear Panel**

- 1. AC Inlet** Connect the included power cord here. Note: power cord should only be connected to 120V power outlets.
- 2. On/Off Switch** This switch will turn the power to the integrated amplifier On or Off. When the power switch is in the On position, the LED labeled "Pow" will illuminate Blue.
- 3. Amp Out** This Speak-ON® connector is designed to connect the SMA speaker to a passive SMP model to share signal. Turn Speak-ON® connector counterclockwise to unlock and clockwise to lock.
- 4. LED Indicators** The unit features three LED indicators: Pow indicates the unit has power and will illuminate BLUE when the power switch is on, Pro indicates the unit is in protect mode and will illuminate RED (if the Pro LED is illuminated reduce the gain), and Sig indicates that signal is present and will illuminate GREEN.
- 5. Mic IN XLR** This balanced XLR connection is designed to provide signal from a microphone connected directly to the unit.
- 6. Mic Gain** Adjusts the gain level of the Mic In signal referencing the output voltage of the mic.
- 7. Mic Low** Adjust the low frequency band of the Mic In between -10dB and +10dB.
- 8. Mic Mid** Adjust the mid frequency band of the Mic In between -10dB and +10dB.
- 9. Mic High** Adjust the high frequency band of the Mic In between -10dB and +10dB.
- 10. Line IN XLR** This balanced XLR connection is designed to provide signal from a source like preamplifier or mixer with an XLR output.
- 11. Line Out XLR** This balanced XLR connection allows the user to connect one SMA speaker to another SMA speaker in order to share the signal in applications that require the output of two powered models.
- 12. Line Gain** Adjusts the gain level of the Line In signal referencing the output voltage of the source.
- 13. Line IN Low** Adjust the low frequency band of the Line In between -10dB and +10dB.
- 14. Line IN High** Adjust the high frequency band of the Mic In between -10dB and +10dB.
- 15. Line IN RCA** This unbalanced RCA connection allows for connection to external audio sources like CD players, satellite radio receivers, computers, smartphones, etc.



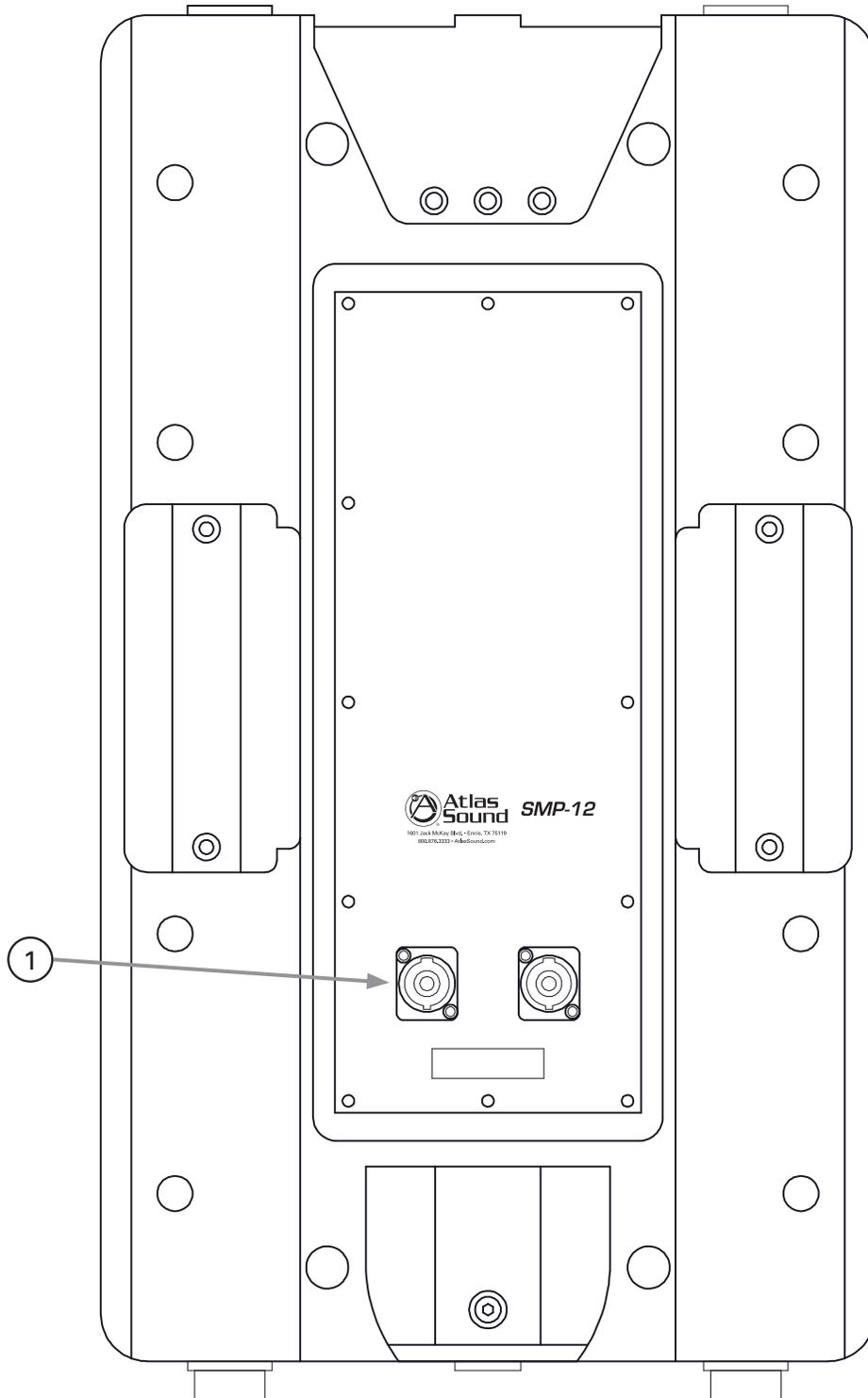


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**SMP Speaker Rear Panel**

1. **Speak-ON®** These terminals are designed for use with any 8Ω rated amplifier.

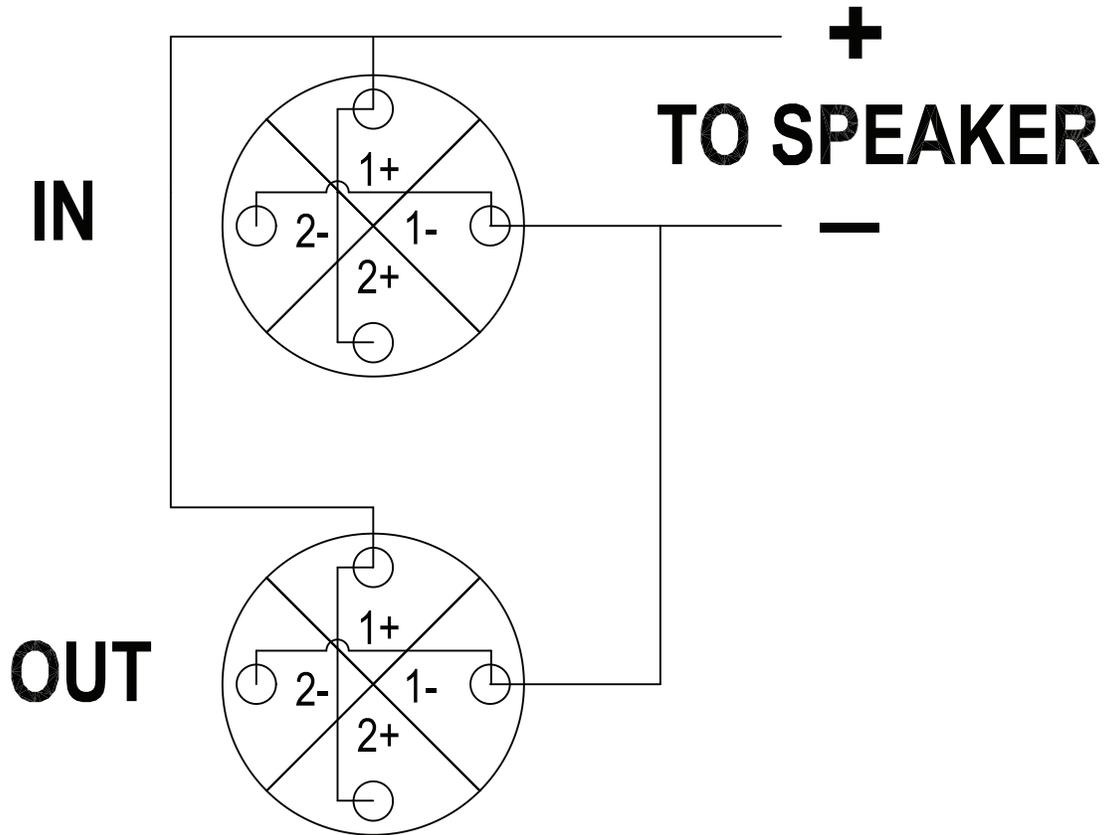


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SMP Speaker Speak-ON® Connection Schematic



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### Specifications

#### SMA-12

Amplifier Power Output	250 Watts (RMS)
Frequency Response	77Hz – 17.5kHz ( $\pm 4$ dB)
Sensitivity (1W/1m)	97dB
Dispersion Angle	90° x 40°
Height	23.43" (595mm)
Width	12.99" (330mm)
Depth	11.69" (297mm)
Weight	40 lbs. (17.7kg)
Finish	Black Textured Injection Molded Polypropylene

#### SMA-15

Amplifier Power Output	250 Watts (RMS)
Frequency Response	69Hz – 16.5kHz ( $\pm 4$ dB)
Sensitivity (1W/1m)	98.5dB
Dispersion Angle	90° x 40°
Height	27.36" (695mm)
Width	16.06" (408mm)
Depth	13.62" (346mm)
Weight	51 lbs. (17.7kg)
Finish	Black Textured Injection Molded Polypropylene

#### SMP-12

Power Rating	250 Watts (RMS)
Frequency Response	77Hz – 17.5kHz ( $\pm 4$ dB)
Sensitivity (1W/1m)	97dB
Dispersion Angle	90° x 40°
Height	23.43" (595mm)
Width	12.99" (330mm)
Depth	11.69" (297mm)
Weight	29 lbs. (17.7kg)
Finish	Black Textured Injection Molded Polypropylene

#### SMP-15

Power Rating	300 Watts (RMS)
Frequency Response	69Hz – 16.5kHz ( $\pm 4$ dB)
Sensitivity (1W/1m)	98.5dB
Dispersion Angle	90° x 40°
Height	27.36" (695mm)
Width	16.06" (408mm)
Depth	13.62" (346mm)
Weight	39 Lbs. (17.7kg)
Finish	Black Textured Injection Molded Polypropylene







### **Limited Warranty**

All products manufactured by Atlas Sound are warranted to the original dealer/installer, industrial or commercial purchaser to be free from defects in material and workmanship and to be in compliance with our published specifications, if any. This warranty shall extend from the date of purchase for a period of three years on all Atlas Sound products, including SOUNDOLIER brand, and ATLAS SOUND brand products except as follows: one year on electronics and control systems; one year on replacement parts; and one year on Musician Series stands and related accessories. Additionally, fuses and lamps carry no warranty. Atlas Sound will solely at its discretion, replace at no charge or repair free of charge defective parts or products when the product has been applied and used in accordance with our published operation and installation instructions. We will not be responsible for defects caused by improper storage, misuse (including failure to provide reasonable and necessary maintenance), accident, abnormal atmospheres, water immersion, lightning discharge, or malfunctions when products have been modified or operated in excess of rated power, altered, serviced or installed in other than a workman like manner. The original sales invoice should be retained as evidence of purchase under the terms of this warranty. All warranty returns must comply with our returns policy set forth below. When products returned to Atlas Sound do not qualify for repair or replacement under our warranty, repairs may be performed at prevailing costs for material and labor unless there is included with the returned product(s) a written request for an estimate of repair costs before any nonwarranty work is performed. In the event of replacement or upon completion of repairs, return shipment will be made with the transportation charges collect.

EXCEPT TO THE EXTENT THAT APPLICABLE LAW PREVENTS THE LIMITATION OF CONSEQUENTIAL DAMAGES FOR PERSONAL INJURY, ATLAS SOUND SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY DIRECT, CONSEQUENTIAL OR INCIDENTAL LOSS OR DAMAGE ARISING OUT OF THE INSTALLATION, USE OR INABILITY TO USE THE PRODUCTS. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Atlas Sound does not assume, or does it authorize any other person to assume or extend on its behalf, any other warranty, obligation, or liability. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

### **Service**

Should your SMA or SMP require service, please contact the Atlas Sound warranty department at 1-877-689-8055, ext. 277 to obtain an RA number.

Atlas Sound Tech Support can be reached at 1-800-876-3333.

Email [support@atlassound.zendesk.com](mailto:support@atlassound.zendesk.com)

Visit our website at [www.AtlasSound.com](http://www.AtlasSound.com) to see other Atlas products.

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