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Atlas Sound E408-250

AtlasIED E408-250 Plate Mounted 250W Attenuator User Manual

Brand: Atlas Sound

1. PRODUCT OVERVIEW

The AtlasIED E408-250 is a plate-mounted attenuator specifically designed for precise level control in masking and sound reinforcement systems. It features a 10-position, non-shorting rotary switch that allows for fine-tuning of audio levels. Each step of the rotary switch provides an attenuation rate of 1.5 dB, offering granular control over the sound output.



Figure 1: Front view of the AtlasIED E408-250 attenuator, showing the rotary knob and numbered dial on a brushed metal plate.

2. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of the E408-250 attenuator. This device is designed for plate mounting, typically into a standard electrical box or similar enclosure.

2.1 Mounting

- Ensure the mounting surface is flat and secure.
- Align the attenuator plate with the mounting holes of the electrical box or bracket.
- Secure the plate using appropriate screws (not included). Do not overtighten.

2.2 Wiring Connections

The E408-250 attenuator requires connection to your sound system's speaker lines. Refer to the wiring diagram below and on the unit itself for correct polarity and connection points. It is recommended to consult a qualified audio technician for installation if you are unfamiliar with audio wiring.

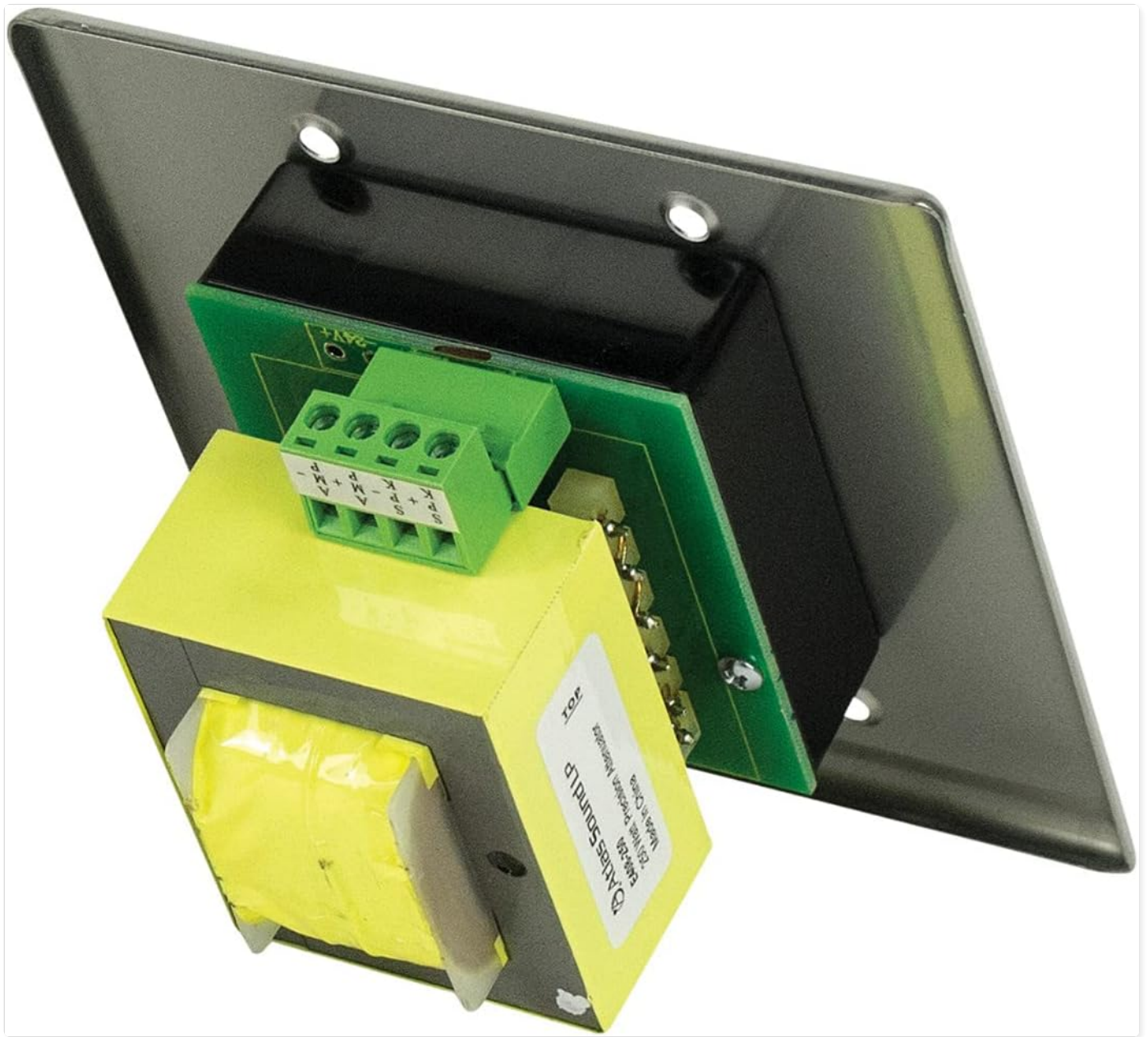


Figure 2: Rear view of the attenuator, illustrating the transformer and the green terminal block where speaker wires are connected.

The attenuator typically connects in series with the speaker line. Ensure power to the amplifier is off before making any connections to prevent damage to the equipment or injury.

3. OPERATING INSTRUCTIONS

The AtlasIED E408-250 features a simple rotary knob for adjusting the audio level. The knob has 10 distinct positions, labeled from 0 to 10, providing precise control over the attenuation.

- **Adjusting Level:** Rotate the knob clockwise to increase the sound level (less attenuation) and counter-clockwise to decrease the sound level (more attenuation).
- **Attenuation Rate:** Each step of the rotary switch provides an attenuation of 1.5 dB. This allows for fine adjustments to achieve the desired sound level in your environment.
- **Non-Shorting Design:** The switch is designed to be non-shorting, meaning it will not create a short circuit when transitioning between positions.
- **No Stop:** The rotary switch does not have a physical stop at position 0 or 10, allowing for continuous rotation. However, the attenuation range is defined by the 0-10 scale.



Figure 3: Angled view of the attenuator, highlighting the rotary knob and the numbered faceplate for level adjustment.

4. MAINTENANCE

The AtlasIED E408-250 attenuator is designed for long-term, reliable operation with minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the attenuator plate. Avoid abrasive cleaners, solvents, or excessive moisture, which can damage the finish or internal components.
- **Inspection:** Periodically inspect the wiring connections to ensure they are secure and free from corrosion.
- **Environment:** Ensure the attenuator is installed in a dry environment, away from direct sunlight, extreme temperatures, and high humidity.

5. TROUBLESHOOTING

If you experience issues with your AtlasIED E408-250 attenuator, consider the following common troubleshooting steps:

- **No Sound or Low Sound:**

- Check all wiring connections to ensure they are secure and correctly terminated.
- Verify that the attenuator knob is not set to '0' (maximum attenuation).
- Ensure the amplifier connected to the attenuator is powered on and functioning correctly.
- Confirm that the speakers are properly connected and operational.

- **Intermittent Sound:**

- Inspect wiring for loose connections or damaged insulation.
- Ensure the attenuator knob is clean and free of debris that might interfere with its contact points.

- **Distorted Sound:**

- Verify that the attenuator is rated for the power output of your amplifier (E408-250 is 250W). Overpowering can cause distortion or damage.
- Check other components in the audio chain (amplifier, speakers) for issues.

If the problem persists after attempting these steps, contact Atlas Sound customer support or a qualified audio technician.

6. SPECIFICATIONS

Feature	Detail
Model	E408-250
Type	Plate Mounted Attenuator
Power Rating	250W
Attenuation Steps	10-position, non-shorting rotary switch
Attenuation Rate per Step	1.5 dB
Item Weight	1.75 pounds (0.79 kg)
Product Dimensions	5.05 x 5 x 4.1 inches (12.83 x 12.7 x 10.41 cm)
ASIN	B07WS6RGCQ
Date First Available	April 9, 2019

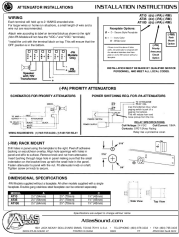



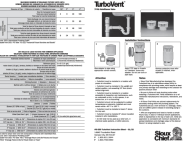

7. WARRANTY AND SUPPORT

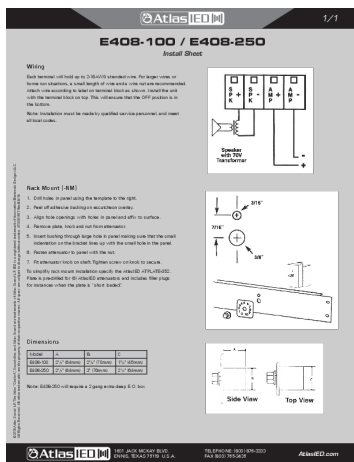
For specific warranty information regarding your AtlasIED E408-250 attenuator, please refer to the documentation provided with your purchase or visit the official Atlas Sound website. Warranty terms and conditions may vary.

For technical support, product inquiries, or service, please contact Atlas Sound directly:

- **Manufacturer:** Atlas Sound
- **Website:** www.atlassound.com (Note: This is a general example link, please verify the actual support URL.)
- **Contact Information:** Refer to the manufacturer's website for the most current contact details, including phone numbers and email addresses for customer service.

Related Documents - E408-250

	<p>Atlas Sound Attenuator Installation Instructions</p> <p>Comprehensive installation guide for Atlas Sound AT10, AT35, and AT100 attenuators, covering wiring, faceplate options, rack mounting, and dimensional specifications.</p>
	<p>VEVOR Quick Change Tool Post Set User Manual - Model Guide and Specifications</p> <p>Comprehensive user manual for VEVOR Quick Change Tool Post Sets, detailing features, piston type, wedge type, and accessory specifications. Covers models like 250-100, 250-200, and more.</p>
	<p>Rostra Driving Innovations 2010 Application Guide</p> <p>Explore Rostra Precision Controls' 2010 Driving Innovations catalog, featuring a comprehensive range of automotive accessories including backup cameras, parking aids, seat comfort systems, and cruise control kits for various vehicle makes and models.</p>
	<p>NGP SLAL-250 Sliding Door Hardware Installation Instructions</p> <p>Comprehensive installation guide for NGP SLAL-250 sliding door hardware, covering models SLAL-250-BP, SLAL-250-PD, and SLAL-250-SW. Includes sizing, step-by-step assembly, and optional components.</p>
	<p>Sioux Chief TurboVent Air Admittance Valve Installation and DFU Guide</p> <p>Comprehensive guide for installing the Sioux Chief TurboVent Air Admittance Valve, including DFU values, installation instructions, and important notes for proper plumbing system venting.</p>
	<p>Sloan Sensor Activated Electronic Soap Dispenser Installation Guide</p> <p>Comprehensive installation instructions for Sloan's ESD-200, ESD-250, ESD-300, and ESD-350 sensor-activated electronic soap dispensers, covering mounting, operation, and troubleshooting.</p>

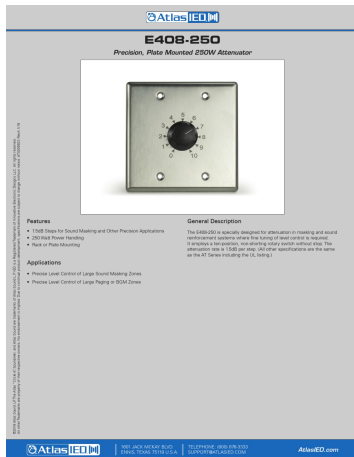


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E408-100 / **E408-250** Install Sheet Wiring Each terminal will hold up to 2-16AWG stranded wire. For larger wires or home run situations, a small length of wire and a wire nut are recommended. Attach wire according to label on terminal block as shown. Install the unit with the terminal block on top. Th...

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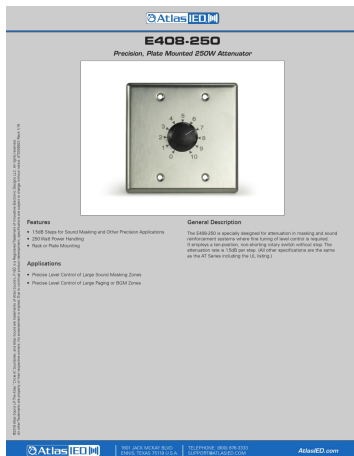


[pdf] Specifications Documentation

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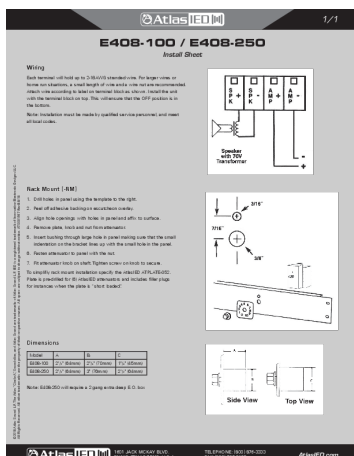


[pdf] User Manual Specifications Datasheet

Product Data SheetAtlasIED E408 250 Precision Plate Mounted 250W AttenuatorUpload AT E408250 ProductManualcdn adiglobaldistribution us pim Original 10057 Upload ProductManual AtlasIEDProduct SheetThe is specially designed for attenuation in masking and sound reinforcement systems where fine tuning of level control requiredAtlasIED AttenuatorATS005923 SheetUpload ProductManualatlasied ATS005923 Sheet srsltid AfmBOooFLTsjjscccZ927z3Va9i0kZlv5g1Eh4EGNGml7CW K0fP0J4zcdn AtlasIEDE408 requiredThe a plate mounted attenuator with 1 5dB steps 15dB total ten position rotary switch tuningAtlasIED SheetATS005923 K0fP0J4zatlasied AfmBOorh8dwdeiHbTqow8W6Vv5Mwu6df u9ZDstnRGfkglg1plYwzd368cdn |||

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