

Bogen AT10A

Bogen AT10A 10-Watt Attenuator User Manual

Model: AT10A

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Bogen AT10A 10-Watt Attenuator. The AT10A is designed to control the volume of individual speakers or groups of speakers in a constant voltage (70V or 25V) audio distribution system.

Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage to the unit or connected equipment.

PRODUCT OVERVIEW



Image: Front view of the Bogen AT10A 10-Watt Attenuator. The unit features a silver faceplate with a black rotary volume knob. The knob is marked with numbers from 0 to 10, indicating volume levels. The Bogen logo is visible at the bottom center, and "AT-10A" is printed in the bottom right corner.

The Bogen AT10A is a wall-plate style attenuator, providing 10 steps of volume control plus an "OFF" position. It is suitable for use with 25V or 70V constant voltage speaker lines and has a power rating of 10 watts.

SETUP AND INSTALLATION

Safety Precautions

- Ensure all power to the audio system is disconnected before beginning installation.
- Installation should be performed by qualified personnel in accordance with local electrical codes.
- Do not exceed the maximum power rating of 10 watts.

Mounting

1. The AT10A is designed to fit into a standard single-gang electrical box.
2. Secure the electrical box in the desired wall location.
3. Ensure adequate space for wiring connections behind the attenuator.

Wiring Connections

The AT10A features screw terminals for input and output connections. Refer to the diagram below for typical wiring.

- Connect the constant voltage audio source (e.g., amplifier output) to the "INPUT" terminals.
- Connect the speaker(s) to be controlled to the "OUTPUT" terminals.
- Maintain correct polarity (+ to + and - to -) for all connections.
- Ensure all connections are secure and free from short circuits.

(Note: A detailed wiring diagram would typically be provided here by the manufacturer. For this manual, general instructions are given.)

OPERATING INSTRUCTIONS

The Bogen AT10A provides simple rotary control for adjusting the volume level of connected speakers.

1. **Power On:** After installation, restore power to the audio system.
2. **Adjusting Volume:** Rotate the knob clockwise to increase the volume and counter-clockwise to decrease it.
3. **Volume Levels:** The knob features marked positions from 0 to 10. Position '0' represents the "OFF" or minimum volume setting, while '10' represents the maximum volume setting.
4. **Fine-Tuning:** Adjust the knob gradually to achieve the desired listening level.

MAINTENANCE

The Bogen AT10A is designed for reliable, long-term operation with minimal maintenance.

- **Cleaning:** To clean the faceplate, gently wipe with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the attenuator for any visible damage or loose connections. If any issues are found, disconnect power and address them promptly.
- **No User-Serviceable Parts:** The internal components of the AT10A are not user-serviceable. Do not attempt to open or repair the unit. Refer servicing to qualified personnel.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------|--|--|
| No sound from speakers. | <ul style="list-style-type: none">• Attenuator set to '0' (OFF).• Loose or incorrect wiring connections.• No power to the amplifier.• Faulty amplifier or speakers. | <ul style="list-style-type: none">• Rotate the knob to a higher volume setting.• Check all wiring connections for security and correct polarity.• Verify the amplifier is powered on and functioning.• Test amplifier and speakers independently. |
| Distorted or low-quality sound. | <ul style="list-style-type: none">• Overdriving the attenuator (exceeding 10W).• Loose connections.• Faulty speaker or amplifier. | <ul style="list-style-type: none">• Ensure the total power of connected speakers does not exceed 10 watts.• Check all wiring connections.• Test individual components. |

If troubleshooting steps do not resolve the issue, contact Bogen technical support or a qualified audio technician.

SPECIFICATIONS

| Feature | Detail |
|-----------------------|------------------------------------|
| Model | AT10A |
| Power Rating | 10 Watts |
| Voltage Compatibility | 25V / 70V Constant Voltage Systems |
| Volume Steps | 10 steps plus "OFF" |
| Mounting | Single-gang electrical box |
| Dimensions (Package) | 9.49 x 8.39 x 3.94 inches |
| Item Weight | 1.2 pounds |
| ASIN | B01IE047U6 |
| UPC | 080850445046 |
| Date First Available | July 13, 2016 |

SUPPORT AND CONTACT INFORMATION

For technical assistance, product inquiries, or further information, please contact Bogen Communications, Inc.

- **Manufacturer:** Bogen Communications, Inc.
- **Website:** www.bogen.com (Example link, actual link may vary)
- **Customer Service:** Refer to the official Bogen website for current contact details.

Note: Product specifications are subject to change without notice.



