

Blastking I78BEQ215

Blast King I78BEQ215 Dual 15-Band Equalizer Mixer User Manual

Comprehensive guide for setup, operation, and maintenance.

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Blast King I78BEQ215 Dual 15-Band Equalizer Mixer. Please read these instructions thoroughly before using the unit to ensure optimal performance and safety.

IMPORTANT SAFETY INSTRUCTIONS

- **CAUTION: DO NOT OPEN.** To reduce the risk of electric shock, do not remove the top or bottom covers. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- **WARNING:** To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.
- Ensure the unit is connected to an AC 110V 50/60Hz power source as indicated on the rear panel.
- Always replace the fuse with one of the specified type and rating (T0.5AH/250V).

SETUP

Proper connection of your equalizer is crucial for optimal audio performance. Refer to the diagram below for detailed connection points.



Figure 1: Rear panel of the Blast King I78BEQ215 Dual 15-Band Equalizer Mixer. This view displays all audio input and output ports, the main power input, fuse holder, and ground lift switch.

Audio Connections

The I78BEQ215 features two independent channels, each with balanced and unbalanced input/output options.

- **Input (BAL/UNBAL):** Connect your audio source (e.g., mixer output) to the INPUT ports for Channel One and Channel Two. Both balanced XLR and unbalanced 1/4" TS connections are available. Use balanced connections for longer cable runs to minimize noise.
- **Output (BAL/UNBAL):** Connect the OUTPUT ports of Channel One and Channel Two to your amplifier or next audio processing unit. Both balanced XLR and unbalanced 1/4" TS connections are provided.

Power Connection

Connect the provided AC power cord to the **MAIN INPUT** receptacle on the rear panel and then to a standard AC 110V 50/60Hz power outlet. Ensure the power source matches the unit's requirements.

Ground Lift Switch

The **GND LIFT** switch helps eliminate hum or buzz caused by ground loops. If you experience such noise, try toggling this switch. In most setups, the switch should be in the 'GND' position (grounded). If hum occurs, switch to 'LIFT' (ungrounded).

OPERATING THE EQUALIZER

The Blast King I78BEQ215 is a dual 15-band graphic equalizer, allowing precise control over your audio frequencies. Each channel provides 15 frequency bands for adjustment.

- **Frequency Bands:** Each slider corresponds to a specific frequency. Moving a slider up boosts that frequency, while moving it down cuts it.
- **Gain Control:** Use the overall gain control (if present on the front panel, not visible in the rear view) to adjust the overall output level of each channel.
- **Bypass Switch:** A bypass switch (typically on the front panel) allows you to compare the equalized signal with the original, unprocessed signal.

Start with all equalizer sliders at the center (0dB) position. Make small adjustments to specific frequency bands to shape your sound, addressing room acoustics or enhancing instrument tones. Avoid extreme boosts or cuts, as this can introduce noise or distortion.

MAINTENANCE

To ensure the longevity and reliable performance of your equalizer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating. Do not block any ventilation openings.
- **Storage:** When not in use for extended periods, store the equalizer in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Fuse Replacement:** If the unit does not power on, check the fuse located near the main power input. Replace it only with a fuse of the exact same type and rating (T0.5AH/250V).

TROUBLESHOOTING

If you encounter issues with your Blast King I78BEQ215, refer to the following common troubleshooting steps:

- **No Power:**
 - Check if the power cord is securely connected to both the unit and the power outlet.
 - Verify that the power outlet is functional.
 - Inspect and replace the fuse if blown (T0.5AH/250V).
- **No Sound Output:**
 - Ensure all audio cables are correctly connected to the INPUT and OUTPUT ports.
 - Check the input source and the receiving device (e.g., amplifier) to ensure they are operational and properly configured.
 - Verify that the equalizer's gain controls are not set to minimum.
 - If there is a bypass switch, ensure it is not engaged (bypassing the EQ).
- **Hum or Buzzing Noise:**
 - Try toggling the **GND LIFT** switch on the rear panel to eliminate ground loop hum.
 - Ensure all audio cables are in good condition and properly shielded.
 - Check for proper grounding of all connected equipment.
- **Distorted Sound:**
 - Reduce the input level to prevent clipping.
 - Avoid extreme boosts on the equalizer sliders.
 - Check the gain staging throughout your audio chain.

If these steps do not resolve the issue, contact customer support for further assistance.

SPECIFICATIONS

Brand	Blastking
Model	I78BEQ215
Item Weight	7.3 Pounds
Power Source	Corded Electric (AC 110V 50/60Hz)
Manufacturer	Blast King
UPC	686811782153
ASIN	B00E6MLALG

WARRANTY

The Blast King I78BEQ215 Dual 15-Band Equalizer Mixer comes with a **90-day warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for any warranty claims. The warranty does not cover damage caused by misuse, unauthorized modifications, accidents, or improper installation.

For technical assistance, service, or further inquiries regarding your Blast King I78BEQ215, please contact your authorized Blast King dealer or visit the official Blast King website for support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question