BOMGE Uhf

BOMGE Wireless Microphone System User Manual

Model: Uhf

Introduction

Thank you for choosing the BOMGE Wireless Microphone System. This system provides high-quality audio transmission with versatile microphone options, including headset and lavalier microphones. Designed for various applications such as PA systems, DSLR cameras, and teaching environments, it offers stable signal transmission and ease of use. This manual will guide you through the setup, operation, and maintenance of your new wireless microphone system.

Product Overview and Components

The BOMGE Wireless Microphone System includes the following components:

- Receiver (x1)
- Transmitter (x2)
- Lavalier Microphone (x2)
- Headset Microphone (x2)
- 6.35mm to 3.5mm Adapter (x1)
- Charging Cable (x1)
- Storage Case (x1)



Image: All components included in the BOMGE Wireless Microphone System package, showing the receiver, two transmitters, two lavalier mics, two headset mics, a 6.35mm adapter, charging cable, and the storage case.

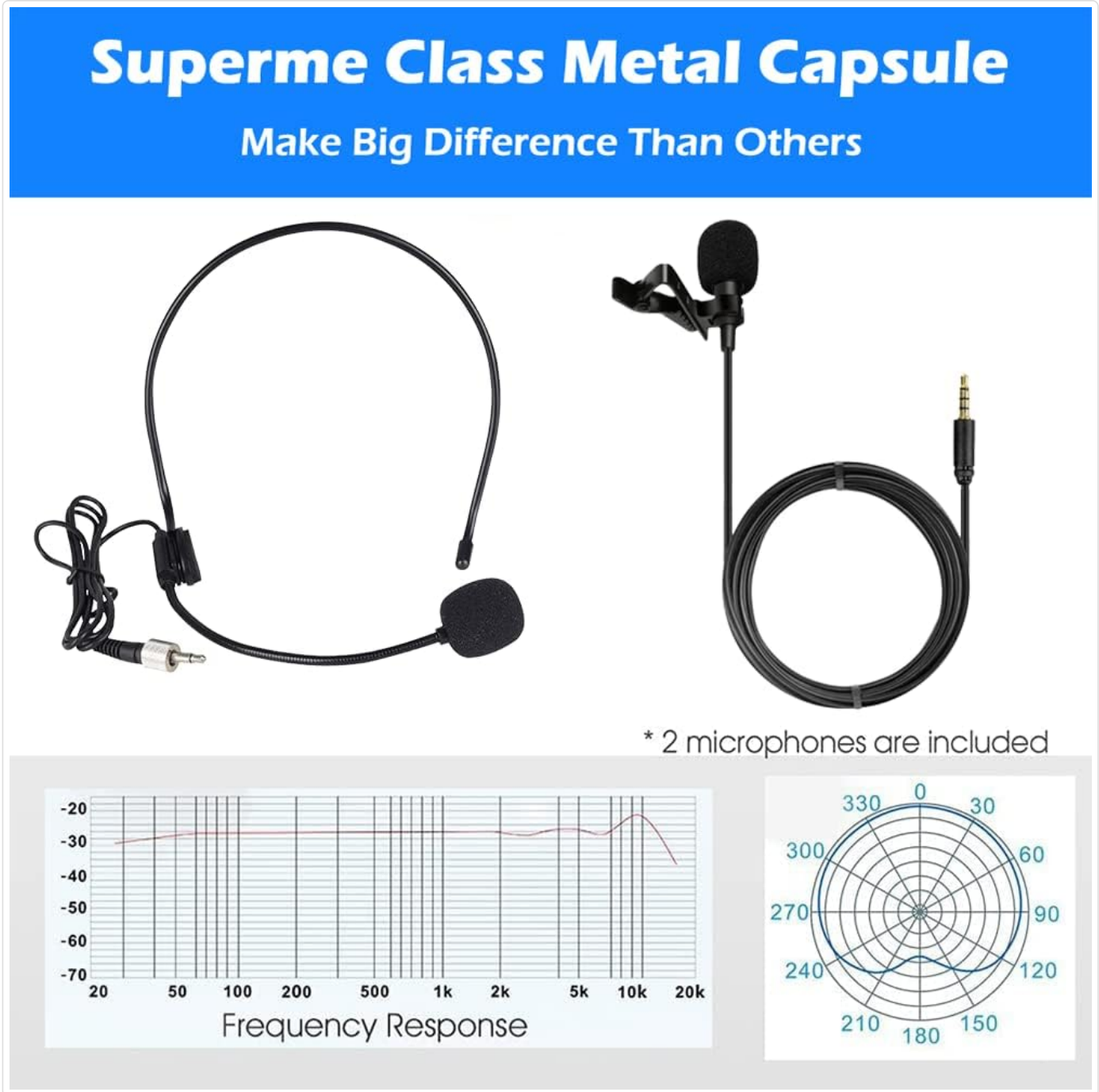


Image: Detailed view of the headset microphone and lavalier microphone, along with a frequency response graph and polar pattern diagram, highlighting the audio characteristics.

Setup Instructions

1. **Charge the Devices:** Ensure both the microphone transmitters and the receiver are fully charged before first use. Use the provided charging cable.
2. **Connect the Receiver:**
   - For devices with a 1/4" MIC IN jack (e.g., mixers, PA speakers, karaoke machines, recorders), directly plug the receiver into the 1/4" input.
   - For devices with a 1/8" TRRS combo jack (e.g., iPhones, iPads), use the included 6.35mm to 3.5mm adapter. **Note:** This system is not recommended for Android phones or MacBooks.
   - For DSLR cameras with a 1/8" MIC IN jack, use the included 6.35mm to 3.5mm adapter. **Note:** Not compatible with small Bluetooth speakers like Bose.



Image: Diagram illustrating how to connect the receiver to various audio input devices, including 1/4" MIC IN for mixers/speakers and 1/8" TRRS/MIC IN for smartphones/DSLRs, with important compatibility notes.



Image: A circular diagram showing the BOMGE wireless microphone system's compatibility with various devices such as amplifiers, mixers, speakers, computers, buses, and CD players.

3. **Attach Microphone:** Connect either the headset microphone or the lavalier microphone to the transmitter.
4. **Power On:** Turn on both the transmitter(s) and the receiver. The system is designed for automatic connection.
5. **Adjust Receiver Angle:** The receiver's audio interface can be rotated 90 degrees for convenient placement and storage, especially when connected to mixers or other equipment.



Image: The receiver plugged into a mixer, demonstrating its 90-degree rotatable audio interface for flexible positioning.

Operating Instructions

Automatic Connection

The BOMGE Wireless Microphone System features an auto-connect function. Once the transmitter and receiver are powered on, they will automatically pair within a distance of 50 meters, eliminating the need for manual pairing settings.



Image: A visual representation of the system's 50-meter fast connection capability, showing a user with the microphone system in a professional setting.

Frequency Selection

The system offers 16 selectable UHF frequencies. This feature allows you to switch frequencies if you encounter interference from other electronic devices, ensuring stable and clear audio transmission. Refer to the transmitter's display for current frequency information and adjustment options.

Usage Scenarios

- **Teaching/Presentations:** Use the headset microphone for hands-free operation during lectures or presentations.



Image: A teacher using the headset microphone in a classroom setting, demonstrating its suitability for educational environments.

- **Interviews/Recording:** The lavalier microphone is ideal for discreet recording and interviews, providing clear audio capture.



Image: A person wearing a lavalier microphone in a classroom setting, illustrating its use for clear voice capture.

- **Public Speaking/PA Systems:** Connect to PA speakers for voice amplification in larger venues.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the transmitter, receiver, and microphones. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the system in its provided plastic storage box to protect it from dust and physical damage. Store in a cool, dry place.
- **Battery Care:** Recharge the devices regularly, even if not in frequent use, to maintain battery health. Avoid fully depleting the batteries for extended periods.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No Sound Output	Device not powered on. Low battery. Incorrect connection to audio device. Transmitter and receiver not paired.	Ensure all devices are powered on. Charge the transmitter and receiver. Verify receiver is correctly plugged into the MIC IN port of your audio device. Power cycle both devices to re-establish auto-connection.
Interference/Static Noise	Other electronic devices operating on similar frequencies. Distance too far from receiver.	Change the operating frequency of the system. Reduce the distance between the transmitter and receiver (max 50m).
Poor Audio Quality (Muffled/Weak)	Microphone not positioned correctly. Input level on connected device too low.	Ensure lavalier mic is clipped close to the mouth or headset mic is properly adjusted. Adjust the input gain/volume on your mixer, PA speaker, or recording device.
Not Working with Phone/DSLR	Incorrect adapter used or incompatible device.	Ensure you are using the correct 6.35mm to 3.5mm adapter. Confirm your phone/DSLR has a compatible 1/8" MIC IN or TRRS combo jack. Note that Android phones and MacBooks are generally not recommended.

Specifications

Feature	Detail
Model Number	Uhf
Wireless Type	UHF (16 selectable frequencies)
Operating Range	Up to 50 meters (164 feet)
Battery Type	Lithium Ion (included)
Audio Frequency Response	40-18000 Hz (from aplus media image)
Frequency Stability	10PPM (from aplus media image)
Package Dimensions	10.08 x 5.98 x 2.72 inches
Item Weight	3.53 ounces
Manufacturer	BOMGE



Image: Diagram illustrating the DSP chip frequency locking technology, highlighting key specifications like audio frequency response and frequency stability.

Warranty and Support

For warranty information and technical support, please refer to the product packaging or contact BOMGE customer service directly. Keep your purchase receipt for any warranty claims.
For further assistance, you may visit the official BOMGE store on Amazon: BOMGE Music Studio

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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