

## Bolymike-5800

# Generic Bolymike-5800 Dual Wireless UHF Microphone System User Manual

Model: Bolymike-5800

## INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your Generic Bolymike-5800 Dual Wireless UHF Microphone System. This system is designed for professional audio applications, offering reliable wireless performance with two handheld dynamic microphones, adjustable frequency, and true diversity reception.

## WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1 x 2-channel UHF receiver
- 2 x Metal Handheld microphones
- 4 x Antennas
- 1 x AC-DC adapter
- 1 x 1/4" audio cable

## SETUP

### Receiver Setup

1. **Connect Antennas:** Screw the four included antennas onto the ANT-A and ANT-B connectors on the rear panel of the receiver. Ensure they are securely tightened and positioned for optimal signal reception.



Image: Rear panel of the receiver showing antenna connections, power input, and audio outputs.

2. **Power Connection:** Connect the AC-DC adapter to the DC INPUT port on the receiver's rear panel and then plug the adapter into a suitable power outlet.
3. **Audio Output:**
  - For individual channel output, use XLR cables (not included) to connect the BALANCED-A and BALANCED-B XLR outputs to your mixer or amplifier.
  - For a mixed output of both channels, use the provided 1/4" audio cable to connect the MIXOUT port to your mixer or amplifier.

## Microphone Setup

1. **Install Batteries:** Unscrew the bottom part of each handheld microphone and insert two fresh AA batteries (not included), observing the correct polarity.
2. **Power On:** Turn on the receiver and then power on each handheld microphone.
3. **Frequency Sync:** The system features infrared scan and sync for automatic setup.
  - On the receiver, initiate the infrared scan function (refer to the receiver's front panel controls for specific button).

- Align the infrared sensor on the microphone with the infrared sensor on the receiver. The system will automatically sync the frequencies.
- Repeat for the second microphone.

## OPERATING INSTRUCTIONS

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### Receiver Display and Controls

The multi-functional LCD indicator on the receiver displays critical information:

- **RF Status:** Indicates the strength of the radio frequency signal.
- **Audio Status:** Shows audio signal presence and level.
- **Volume Control:** Adjust individual channel volume directly on the receiver.
- **Battery Runtime:** Provides precise battery life indication for the connected microphones.

### Frequency Management

- **Preset Frequencies:** Each channel has 100 preset frequencies for selection.
- **True Diversity Reception:** The system utilizes two antennas per transmitter for enhanced signal stability and reduced dropouts.
- **Group Function:** Pressing the Group button allows automatic addressing of up to 8 systems simultaneously in the same location, simplifying multi-system setups.
- **RF Power Level:** The RF power level is switchable between LO (Low) and HI (High) to adapt to different operating environments and optimize range versus battery life.

### Usage Recommendations

This wireless microphone system is suitable for various applications, including:

- Church services
- Karaoke events
- School presentations and performances
- Stage performances
- Weddings and other celebratory events
- Conferences and speaking engagements

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Avoid liquid cleaners or abrasive materials.
- **Battery Replacement:** Replace microphone batteries promptly when the low battery indicator appears on the receiver's LCD. Remove batteries if the microphones will not be used for an extended period to prevent leakage.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle antennas carefully to avoid bending or breaking.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from microphone	<ul style="list-style-type: none"> <li>◦ Microphone off or low battery</li> <li>◦ Receiver off or not connected</li> <li>◦ Incorrect frequency sync</li> <li>◦ Mixer/amplifier input issues</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure microphone is on and batteries are fresh.</li> <li>◦ Verify receiver is powered on and connected to audio system.</li> <li>◦ Perform frequency sync again.</li> <li>◦ Check mixer/amplifier settings and connections.</li> </ul>
Intermittent signal or dropouts	<ul style="list-style-type: none"> <li>◦ Obstructions between microphone and receiver</li> <li>◦ Interference from other wireless devices</li> <li>◦ Microphone too far from receiver</li> <li>◦ Antennas not positioned correctly</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure clear line of sight.</li> <li>◦ Change operating frequency.</li> <li>◦ Reduce distance between microphone and receiver (max range 650 feet/200m).</li> <li>◦ Adjust antenna position; try HI RF power level.</li> </ul>
Poor audio quality (hiss, distortion)	<ul style="list-style-type: none"> <li>◦ Incorrect gain settings on receiver/mixer</li> <li>◦ Interference</li> <li>◦ Damaged cable</li> </ul>	<ul style="list-style-type: none"> <li>◦ Adjust receiver and mixer gain levels.</li> <li>◦ Change operating frequency.</li> <li>◦ Test with a different audio cable.</li> </ul>

## SPECIFICATIONS

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- **Model Name:** Bolymike-5800
- **Brand:** Generic
- **Frequency Range:** UHF 560 MHz to 615 MHz
- **Frequency Response:** 50Hz~17KHz
- **Number of Channels:** 200 (100 preset frequencies per channel)
- **Connectivity Technology:** XLR
- **Connector Type:** XLR
- **Outputs:** Two XLR-individual outputs, one 1/4" mixed output
- **Range:** Up to 650 feet (200 m)
- **Item Weight:** 8.8 pounds (4 Kilograms)
- **Package Dimensions:** 21.65 x 17.72 x 11.81 inches
- **Compatible Devices:** Amplifier
- **Special Feature:** Mute function

## WARRANTY AND SUPPORT

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Bolymike Pro products are manufactured with high-quality components and precise engineering to ensure reliability and durability. We are committed to the quality of our products. For technical support or warranty inquiries, please refer to your purchase documentation or contact the retailer where the product was acquired.

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