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› Bolymic BL-3200 UHF Professional Dual Handheld Wireless Microphone System User Manual

## Bolymic BL-3200

# Bolymic BL-3200 UHF Professional Dual Handheld Wireless Microphone System User Manual

Model: BL-3200

## 1. INTRODUCTION

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Thank you for choosing the Bolymic BL-3200 UHF Professional Dual Handheld Wireless Microphone System. This system is designed for reliable audio transmission in various applications, including live performances, school events, church services, and KTV. It features a dual-channel receiver and two handheld microphones, offering flexibility and high-quality sound. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

## 2. SAFETY INFORMATION

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- Read all instructions carefully before operating the system.
- Keep this manual for future reference.
- Do not expose the system to rain or moisture to prevent fire or electric shock.
- Do not open the casing. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the receiver.
- Use only the specified power adapter.
- Dispose of batteries responsibly according to local regulations.

## 3. PACKAGE CONTENTS

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

- 1 x Dual Channel UHF Receiver
- 2 x Metal Handheld Microphones
- 1 x 1/4" Audio Cable
- 1 x AC-DC Power Adapter
- 1 x User Manual (this document)

## 4. PRODUCT OVERVIEW

### 4.1. Receiver

The receiver unit processes the wireless signals from the microphones. It features a backlit LCD display showing RF level, AF level, channel frequency, mute status, and battery level for each channel.



**Figure 1:** Bolymic BL-3200 UHF Wireless Microphone System, showing the receiver unit with its front panel display and controls, and two handheld microphones. The receiver has four antennas for enhanced signal reception.

The rear panel of the receiver includes power input, individual XLR outputs for each channel, and a mixed 1/4" output.



**Figure 2:** Rear view of the Bolymic BL-3200 receiver, highlighting the DC 12V power input, balanced XLR outputs (A and B), a mixed 1/4" output, and four antenna connections.

## 4.2. Handheld Microphones

The system includes two metal handheld microphones. Each microphone operates on its own channel and requires AA batteries for power. They are designed for comfortable handling and clear vocal reproduction.

## 5. SETUP

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1. **Receiver Placement:** Place the receiver in a stable location, away from potential sources of interference (e.g., large metal objects, other wireless devices). Ensure adequate ventilation.
2. **Antenna Connection:** Screw the four antennas securely into their respective connectors on the rear panel of the receiver. Position them vertically for optimal reception.
3. **Power Connection:** Connect the supplied AC-DC power adapter to the DC 12V input on the receiver's rear panel, then plug the adapter into a power outlet.
4. **Audio Output Connection:**
  - For individual microphone outputs, connect XLR cables from the "BALANCED A" and "BALANCED B" outputs to your mixer or amplifier.
  - For a combined output, use the supplied 1/4" audio cable to connect the "MIX OUT" port to your mixer or amplifier.
5. **Microphone Battery Installation:** Unscrew the bottom part of each handheld microphone. Insert two AA batteries, observing the correct polarity (+/-). Screw the bottom part back on securely.
6. **Power On:** Turn on the receiver using the power button. The LCD display should illuminate. Turn on each microphone by pressing its power button.
7. **Frequency Synchronization:** The system features automatic transmitter setup. The receiver and microphones should synchronize automatically. If manual adjustment is needed, refer to the operating instructions for channel selection.

## 6. OPERATING INSTRUCTIONS

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1. **Volume Adjustment:** Use the individual volume control knobs on the receiver's front panel to adjust the output level for each microphone (Channel 1 and Channel 2).
2. **Channel Selection (Manual):** The system offers 100 selectable frequencies per channel. If interference occurs, you can manually change the frequency on the receiver and then synchronize the microphone. Consult the receiver's display and buttons for specific channel change procedures.
3. **Monitoring:** Observe the RF (Radio Frequency) and AF (Audio Frequency) level indicators on the receiver's LCD display. A stable RF signal indicates good wireless connection, while AF indicates audio presence.
4. **Microphone Usage:** Hold the microphone approximately 2-6 inches (5-15 cm) from your mouth for optimal sound quality. Avoid covering the microphone grille with your hand.
5. **Power Off:** After use, turn off both microphones and then the receiver. Disconnect the power adapter.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No sound from microphone	Microphone not powered on Low microphone battery Receiver not powered on Incorrect frequency synchronization Audio cable disconnected Mixer/amplifier input issues	Ensure microphone is powered on. Replace microphone batteries. Ensure receiver is powered on. Resynchronize microphone and receiver frequencies. Check all audio cable connections. Verify mixer/amplifier settings and input.
Interference or static noise	Other wireless devices nearby Obstructions between microphone and receiver Weak signal	Change the operating frequency on the receiver and microphone. Relocate the receiver for better line-of-sight. Ensure antennas are properly connected and positioned. Reduce distance between microphone and receiver.
Short operating range	Obstructions Antenna position Low microphone battery	Ensure clear line-of-sight between microphone and receiver. Adjust receiver antenna positions. Replace microphone batteries.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	BL-3200
Frequency Range	UHF 510MHz - 570MHz
Number of Channels	200 (100 selectable frequencies per channel)
Frequency Response	45Hz~18KHz
Operating Range	Up to 490 feet (150 meters)
Microphone Battery Life	Approximately 10 Hours (with AA batteries)
Receiver Outputs	2 x XLR Individual Outputs, 1 x 1/4" Mixed Output
Material Type	Metal (Microphones and Receiver)
Item Weight	6.6 pounds (total package)
Package Dimensions	17.72 x 13.78 x 3.94 inches
Power Source	Battery Powered (Microphones), AC-DC Adapter (Receiver)
ASIN	B09TSFTGXF
UPC	699960693737

## 9. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver and microphones. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, remove batteries from the microphones to prevent leakage. Store the

system in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Battery Replacement:** Replace microphone batteries when the low battery indicator appears on the receiver's LCD display or when audio quality degrades.

## 10. WARRANTY AND SUPPORT

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For warranty information or technical support, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

