



Bolymic 2900 Wireless Microphone System User Manual

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BOLYMIC

Bolymic 2900 Wireless Microphone System



DESCRIPTION

A wireless microphone system is a sophisticated audio arrangement meticulously engineered to transmit sound from a microphone to a receiver, all without the encumbrance of physical cables. Its core components typically consist of:

- **Microphone:**

The genesis of sound capture, available in various forms such as handheld, lapel (known as lavalier), headset, and instrument-mounted. The microphone's primary function is to apprehend audio and transmute it into an electrical signal.

- **Transmitter:**

Tasked with facilitating wireless transmission, the transmitter establishes a connection with the microphone, wirelessly conveying the audio signal to the receiver. It may be seamlessly integrated into the microphone or function as an autonomous device affixable to different microphone types.

- **Receiver:**

The receiver assumes the role of capturing the transmitted audio signal and adeptly converting it back into an audible form. This critical element is tethered to the sound system or recording equipment, allowing for signal amplification, mixing, or recording.

Wireless microphone systems have revolutionized audio capture and transmission. Their versatility, unbridled mobility, and resistance to interference render them invaluable tools across a multifaceted landscape, spanning entertainment, education, and beyond. As technology forges ahead, we can anticipate even more innovative features and enhancements in wireless microphone systems, perpetuating their role as architects of our auditory experiences.

SPECIFICATION

- **Brand:** Bolymic
- **Connectivity Technology:** XLR
- **Connector Type:** XLR Connector
- **Special Feature:** Volume Control
- **Polar Pattern:** Omnidirectional
- **Microphone Form Factor:** Microphone System
- **Item Weight:** 11 pounds

- **Package Dimensions:** 21.65 x 17.72 x 3.94 inches
- **Item model number:** BL-2900-2HS04
- **Hardware Platform:** Karaoke Machine
- **Power Source:** Battery Powered

WHAT'S IN THE BOX

- Microphone System
- User Manual

FEATURES

- **Wireless Connectivity:** Offers freedom of movement by eliminating cables.
- **Multiple Channels:** Provides various channels to choose from to avoid interference.
- **Microphone Types:** Supports a range of microphone types, including handheld, lapel, and headset.
- **Battery Life Indicator:** Displays remaining battery life on the microphone or receiver.
- **Frequency Scanning:** Some models include built-in frequency scanning for optimal channel selection.
- **Interference Resistance:** Utilizes technology to minimize interference from other wireless devices.
- **Operating Range:** Specifies a defined operating range for versatile performance.
- **Diversity Reception:** Employs multiple antennas for enhanced signal reception.
- **Mute Function:** Allows muting the microphone when necessary.
- **Automatic Gain Control (AGC):** Automatically adjusts microphone sensitivity for consistent audio levels.

HOW TO USE

- **Microphone Setup:** Connect the microphone to the transmitter and power it on.
- **Receiver Setup:** Attach the receiver to your audio system or recording equipment.
- **Synchronization:** Sync the transmitter with the receiver as per the provided instructions.
- **Select Channel:** Choose an available channel or frequency that minimizes interference.
- **Sound Check:** Conduct a sound check to fine-tune microphone sensitivity and gain levels.
- **Volume Control:** Adjust microphone volume using the receiver or mixing board.
- **Battery Monitoring:** Keep an eye on battery levels and replace or recharge them when necessary.
- **Storage:** Safely store the wireless microphone system in a protective case when not in use.
- **Transportation:** Handle the system with care during transport to prevent damage.
- **Power Off:** Turn off the microphone and receiver when not in use to conserve battery life.

MAINTENANCE

- **Routine Cleaning:** Regularly wipe down the microphone and transmitter with a soft cloth to remove dirt and sweat residues.
- **Battery Maintenance:** Keep an eye on battery levels, recharge or replace them as needed to ensure uninterrupted operation.
- **Antenna Check:** Inspect antennas for damage and ensure they are securely attached to the receiver.
- **Proper Storage:** When not in use, store your wireless microphone system in a cool, dry place to prevent

damage from extreme temperatures and humidity.

- **Cable Organization:** Maintain neat cable arrangements, avoiding cable bending or pinching to prevent wear and tear.
- **Firmware Updates:** If applicable, stay up to date with firmware updates provided by the manufacturer for improved performance.
- **Frequency Coordination:** Plan and manage frequencies effectively when using multiple wireless microphones to avoid interference.
- **Transmitter Battery Contacts:** Periodically clean and examine battery contacts on transmitters to ensure they make a solid connection.
- **Windscreen Renewal:** Replace microphone windscreens regularly to maintain audio quality and hygiene.
- **Professional Servicing:** Consider professional servicing and calibration at intervals to ensure peak performance.

PRECAUTIONS

- **Frequency Coordination:** Carefully plan and coordinate frequencies to avoid interference in multi-microphone setups.
- **Battery Management:** Regularly monitor and replace or recharge batteries to prevent disruptions during performances or presentations.
- **Security Measures:** Use secure channels and encryption, especially in corporate settings where privacy is essential.
- **Environmental Considerations:** Shield the system from extreme temperatures and humidity.
- **Prevent Drops:** Handle microphones and transmitters with care to prevent accidental drops.
- **Backup Microphones:** Consider having backup microphones ready in case of technical issues.
- **Licensing Awareness:** Be aware of local regulations and licensing requirements for wireless microphone systems, especially if using specific frequency ranges.
- **Storage Conditions:** Store the system in a dry, safe location to prevent damage.
- **Transportation Protection:** Use protective cases during transportation to prevent damage during transit.
- **Expert Guidance:** Seek professional assistance for complex setups or persistent technical problems.

TROUBLESHOOTING

- **No Sound Output:** Check if the microphone is powered on, if the transmitter is synchronized with the receiver, and if the receiver is connected to the sound system. Also, inspect the battery charge.
- **Interference or Signal Drops:** Verify that the microphone's frequency is free of interference from other devices, and consider switching frequencies if necessary.
- **Low Battery Indicator:** Replace the microphone's batteries when the low battery indicator is active.
- **Audio Distortion:** Adjust microphone gain or sensitivity settings to prevent distortion from high input levels.
- **Signal Dropout:** Ensure that there are no obstructions or sources of interference between the microphone and receiver.
- **Receiver Connectivity:** Confirm that the receiver is correctly linked to your audio system or recording equipment.
- **Noise or Hissing:** Clean microphone and transmitter contacts, and test different frequencies to minimize noise.

- **Mute Function:** Make sure the microphone is not muted, both on the microphone itself and the receiver.
- **Range Issues:** Ensure you remain within the specified operating range of the wireless microphone system.
- **Professional Assistance:** If persistent issues occur, consult the user manual or contact customer support for expert guidance.

FREQUENTLY ASKED QUESTIONS

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The Bolymic 2900 is a wireless microphone system designed for various audio applications, including performances, presentations, and more.

How many microphones are included in the Bolymic 2900 system?

The Bolymic 2900 system typically includes two wireless handheld microphones, allowing for dual vocal or instrument performances.

What is the operating range of the Bolymic 2900 wireless microphone system?

The operating range can vary depending on environmental conditions, but it often provides reliable signal coverage over a considerable distance.

Are there different frequency bands available for the Bolymic 2900 system?

Yes, there are typically multiple frequency bands available to avoid interference and allow for multiple systems to be used simultaneously.

How do I pair the wireless microphones with the receiver?

The pairing process is typically straightforward and outlined in the user manual provided with the system.

Is there a mute function on the wireless microphones for quick muting during performances?

Some models of the Bolymic 2900 system may include a mute function on the microphones for added convenience.

Can I use the wireless microphones with other Bolymic audio equipment?

The compatibility with other Bolymic audio equipment may vary, so it's best to use the included microphones with the provided receiver.

Is the Bolymic 2900 system suitable for outdoor events and performances?

Yes, it is suitable for outdoor events and performances, provided that you consider environmental factors and use appropriate antennas for extended range.

Can I use the wireless microphones with other UHF receivers or systems?

The compatibility with other UHF receivers or systems may vary, so it's best to use the included microphones with the provided receiver.

Are there any recommended accessories for optimizing the performance of the Bolymic 2900 system?

Consider using high-quality microphone stands, pop filters, and microphone windscreens for enhanced performance and audio quality.

Is the Bolymic 2900 Wireless Microphone System compliant with wireless regulations in my region?

Bolymic designs its wireless systems to comply with various regional wireless regulations. Ensure you configure your system within the allowed frequency ranges for your region.

Can I use the Bolymic 2900 Wireless Microphone System for recording audio to a digital audio workstation (DAW)?

The system is primarily designed for live sound applications, but with appropriate connections, you can route the audio to a DAW for recording.

Is the Bolymic 2900 UHF Wireless Microphone System suitable for karaoke, public speaking, and musical performances?

Yes, it is versatile and suitable for a wide range of applications, including karaoke, public speaking, and musical performances, among others.

Can I use the Bolymic 2900 system in conjunction with other audio equipment, such as mixers and amplifiers?

Yes, you can integrate the Bolymic 2900 system with compatible audio equipment like mixers and amplifiers for a more comprehensive audio setup.