Bietrun wxm02

Bietrun UHF Wireless Microphone System User Manual

Model: WXM02

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Bietrun UHF Wireless Microphone System. This system features high-sensitivity dynamic microphones and a rechargeable receiver, designed for various applications including karaoke, public speaking, church events, and parties. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 2 x Bietrun UHF Wireless Handheld Microphones
- 1 x Rechargeable Receiver (with 1/4" plug)
- 1 x 1/4" to 3.5mm Adapter
- 1 x USB Charging Cable for Receiver
- 1 x User Manual (this document)
- Warranty Card

Image: The complete Bietrun UHF Wireless Microphone System, including two handheld microphones, the compact rechargeable receiver, and a 1/4" to 3.5mm adapter.

3. SETUP GUIDE

3.1 Microphone Battery Installation

Each microphone requires **two AA batteries** (not included). To install, unscrew the bottom part of the microphone handle and insert the batteries according to the polarity markings. Screw the handle back on securely.

3.2 Receiver Charging

The receiver has a built-in 720mAh rechargeable battery. Before first use, fully charge the receiver using the provided USB charging cable. A full charge takes approximately 3 hours and provides up to 4.5 hours of working time. The display on the microphone will show the receiver's battery power and signal strength.

Image: Illustration showing how to insert AA batteries into the microphone and the charging process for the rechargeable receiver.

3.3 Connecting the Receiver

The receiver features a 6.35mm (1/4") plug. It must be connected to a device with a **MIC input jack**. Do **NOT** plug it into an AUX jack, as this will result in no sound. If your device has a 3.5mm MIC input, use the included 1/4" to 3.5mm adapter.
Compatible devices include:

- PA Systems
- Power Amplifiers
- Karaoke Machines

- Outdoor Speakers
- Street Stereo Speakers
- Mixers
- Audio Interfaces

Important Note: This system is not compatible with Bluetooth speakers or MacBooks.

Only for 6.35mm or 1/4 inch Jack Port

Only suitable for equipment with 6.35mm (1/4") interface

Please make sure your device has 6.35mm or 1/4 inch jack port before purchasing

Outdoor Speaker   Street Stereo Speaker   PA Speaker System

Power Amplifier   Car Audio System   Karaoke Speaker

Warming Tips: Only compatible with speakers, amplifiers, mixers, AP systems with 6.35mm or 1/4 inch mic input

Image: Visual guide illustrating the correct 6.35mm (1/4") MIC input jack for connection, emphasizing not to use the AUX jack.

3.4 Automatic Connection

The Bietrun Wireless Microphone System is designed for plug-and-play operation. Once the microphones have batteries and the receiver is charged and plugged into a compatible MIC input, they should automatically connect without manual pairing.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button on each microphone to turn it on or off. The receiver will power on automatically

when plugged in and power off when unplugged or its battery is depleted.

4.2 Adjusting Volume

The microphones feature a switch to control the volume level (levels 8-1). Adjust this switch to achieve the desired output volume.

4.3 Switching Channels

The system operates on UHF frequencies and offers 15 adjustable channels to prevent interference. If you experience interference or need to use multiple wireless microphone systems simultaneously, press the channel button on the microphone to switch to a different channel. Ensure that each microphone operates on a unique channel when using multiple units.

Image: Close-up view of the microphone showing the volume control switch and the channel change button.

4.4 Operating Range

The system provides a stable wireless transmission distance of up to 160 feet (50 meters) in an open environment. Factors such as obstacles, walls, and other wireless devices may affect the actual range.

Image: Depiction of the 160ft UHF wireless signal range for the microphone system.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Bietrun Wireless Microphone System, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Do not use abrasive cleaners or solvents.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Remove AA batteries from the microphones if they will not be used for an extended period to prevent leakage. Recharge the receiver periodically if stored for long durations to maintain battery health.
- **Handling:** Handle the microphones and receiver with care. Avoid dropping them or subjecting them to strong impacts.

High-Quality Metal Cardioid Handheld Microphone

Image: Detailed view of the microphone's internal components, including the steel meshed microphone head and high-quality capsule, highlighting its durable metal construction.

6. TROUBLESHOOTING

If you encounter any issues with your Bietrun Wireless Microphone System, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from microphone	- Microphone batteries low or not installed correctly. - Receiver battery low. - Receiver plugged into AUX jack instead of MIC jack. - Microphone or receiver not powered on.	- Replace AA batteries in microphones. - Recharge receiver. - Ensure receiver is plugged into the **MIC** input of your audio device. - Turn on both microphones and ensure receiver is powered.

Problem	Possible Cause	Solution
Interference or poor sound quality	- Other wireless devices operating on the same frequency. - Too many microphones on the same channel. - Operating beyond the effective range.	- Press the channel button on the microphone to switch to a different frequency. - Ensure each microphone is on a unique channel if using multiple units. - Reduce distance between microphones and receiver.
Microphone display not working	Low or dead batteries.	Replace AA batteries in the microphone.

If the problem persists after trying these solutions, please contact Bietrun customer support for assistance.

7. SPECIFICATIONS

Feature	Specification
Model Number	WXM02
Connectivity Technology	UHF Wireless
Microphone Form Factor	Handheld
Microphone Material	Metal
Polar Pattern	Bidirectional
Number of Channels	2 (15 UHF Adjustable Channels)
Signal-to-Noise Ratio	120 dB
Transmission Distance	Up to 160 feet (50 meters)
Microphone Power Source	2 x AA Batteries (not included)
Receiver Battery Type	Lithium Polymer (720mAh)
Receiver Working Time	Up to 4.5 hours
Receiver Charging Time	Approx. 3 hours
Connector Type	6.35 mm (1/4") Jack (with 3.5mm adapter)
Item Weight	1.54 pounds (total package)
Dimensions (Package)	10.2 x 3.9 x 2.76 inches

Image: Diagram illustrating the physical dimensions of the Bietrun wireless microphones and receiver.

8. WARRANTY AND SUPPORT

Bietrun offers a **1-year warranty** and free replacement service for this product. If you have any questions, concerns, or require technical assistance, please do not hesitate to contact Bietrun customer support. Refer to the warranty card included in your package for specific contact details or visit the official Bietrun website.

Related Documents - wxm02

	[Bietrun WXM30 UHF Professional 8-Channel Rechargeable Wireless Microphone System User Manual](#) This user manual provides detailed information on the Bietrun WXM30, an 8-channel UHF professional rechargeable wireless microphone system. It covers product introduction, description of microphones and receiver, connection guides, troubleshooting (FAQ), technical parameters, packing list, and FCC compliance information.
	[Bietrun Wireless Microphone System User Manual](#) Comprehensive user manual for the Bietrun wireless microphone system, detailing features, setup, troubleshooting, and product specifications. Includes information on microphone and receiver operation, Bluetooth connectivity, and package contents.
	[Bietrun WXM09 Wireless UHF Microphone User Manual](#) User manual for the Bietrun WXM09 Wireless UHF Microphone system, detailing product introduction, features, operation, connection, troubleshooting, and specifications.
	[Bietrun WXM19 Wireless Microphone System User Manual](#) Comprehensive user manual for the Bietrun WXM19 UHF wireless microphone system. Includes setup, operation, troubleshooting, and specifications for optimal performance.
	[Bietrun TS-230: Guida all'Amplificatore Portatile con Microfono Wireless](#) Scopri il Bietrun TS-230, un sistema amplificatore portatile con microfono wireless, radio FM e riproduzione USB. Questa guida dettagliata offre istruzioni operative, specifiche tecniche e consigli per l'uso.
	[Bietrun TS-230 Wireless Voice Amplifier User Manual](#) User manual for the Bietrun TS-230 Wireless Voice Amplifier, detailing its features, operation, troubleshooting, and specifications. Includes UHF wireless and wired microphone support, Bluetooth, FM radio, USB, and Micro SD card playback.

Documents - Bietrun – wxm02

FCC TEST REPORT

For

SHENZHEN JINGDU TECHNOLOGY CO.,LTD

UHF Wireless Microphone

Test Model: WXM02

Additional Model: Please Refer to Page 7

Prepared for	:	SHENZHEN JINGDU TECHNOLOGY CO.,LTD
Address	:	4F, Building D, Fuxinlin Park Hangcheng industrial Park, Qianjin 2 Road Baoan District, Shenzhen,China
Prepared by	:	Shenzhen LCS Compliance Testing Laboratory Ltd.
Address	:	1/F , Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Bao'an District, Shenzhen, Guangdong, China
Tel	:	(+86)755-82591330
Fax	:	(+86)755-82591332
Web	:	www.LCS-cert.com
Mail	:	webmaster@LCS-cert.com
Date of receipt of test sample	:	November 27, 2019
Number of tested samples	:	1
Serial number	:	Prototype
Date of Test	:	November 27, 2019 ~ December 04 2019
Date of Report	:	December 05, 2019

[pdf] Test Report

FCC PART 15 news LCS191119039AEA Test report 74 SHENZHEN JINGDU TECHNOLOGY CO LTD WXM02 UHF Wireless Microphone 2AO85 2AO85WXM02 wxm02

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AO85-WXM02 Report No.:LCS191119039AEA FCC TEST REPORT For SHENZHEN JINGDU TECHNOLOGY CO.,LTD UHF Wireless Microphone Test Model: WXM02 Additional Model: Please Refer to Page 7 Prepared for Address : SHENZHEN JINGDU TECHNOLOGY CO.,LTD : 4F,...

lang:en score:30 filesize: 3.11 M page_count: 32 document date: 2020-01-14