Bietrun WXM05

Bietrun UHF Wireless Microphone Headset User Manual

Model: WXM05 | Brand: Bietrun

INTRODUCTION AND OVERVIEW

The Bietrun UHF Wireless Microphone Headset (Model WXM05) is a versatile audio solution designed for various applications including karaoke, public address (PA) systems, teaching, and fitness instruction. This upgraded wireless microphone system features FCC certified UHF independent frequency bands, ensuring stable and clear sound quality with no delay, radiation, or jamming. It offers a transmission distance of up to 165 feet (50 meters) and supports up to 15 sets of microphones working simultaneously without interference.

The unique 2-in-1 design allows for easy conversion between headset and handheld microphone modes, adapting to your specific needs. Built-in rechargeable lithium-ion batteries provide up to 6 hours of working time on a single 2.5-hour charge, with convenient dual USB charging capability.

The Bietrun UHF Wireless Microphone Headset and its receiver unit.

WHAT'S IN THE BOX

Your Bietrun UHF Wireless Microphone Headset package includes the following components:

- Wireless Headset Microphone (Transmitter)
- 1/4" Plug Receiver
- Dual USB Charging Cable
- User Manual

Use Time 6h Dual-Head Charging

Transmitter and receiver can be charged with a USB cable at the same time

3 Grid Power Indicator

Use Time 6h
Charge Time 2.5h

Included components: Headset, receiver, and charging cable.

SETUP INSTRUCTIONS

Follow these steps to set up your Bietrun Wireless Microphone Headset:

1. **Charge the Devices:** Before first use, ensure both the transmitter (headset) and receiver are fully charged using the provided dual USB charging cable. A full charge takes approximately 2.5 hours.

2. **Power On:** Turn on the power switches for both the transmitter and the receiver. The blue indicator light on both devices will flash for about 2 seconds.

3. **Automatic Pairing:** The devices are designed to automatically pair. The indicator light will stop flashing and remain solid blue after a successful connection. This usually takes about 10 seconds.

4. **Connect to Audio System:** Plug the 1/4" receiver into the MIC jack of your mixer, PA system speaker, desktop speaker, or amplifier. Ensure your audio system has a dedicated MIC input; AUX/Line-in jacks are not supported.

Compatible with Speakers with 6.35mm Mic Input Only

Not support Bluetooth speaker，Macbook

Stereo Speaker

Desktop Speaker

PA Speaker System

Power Amplifier

Car Audio System

Outdoor Speaker

DO NOT SUPPORT
Bluetooth speaker
Macbook

LINE IN / AUX IN

MIC INPUT
6.35MM
1/4 inch

Bietrun®

6.35mm

The receiver is compatible with speakers and amplifiers featuring a 6.35mm (1/4 inch) MIC input. It does not support Bluetooth speakers, laptops, or MacBooks.

Your browser does not support the video tag.

This video demonstrates the features of the Bietrun Wireless Microphone Headset, including its 2-in-1 design, UHF long-distance signal, and compatibility with various audio systems. It highlights the ease of setup and use.

Your browser does not support the video tag.

This short video illustrates the pairing process between the transmitter and receiver. It shows how to long-press the '+' and '-' keys on the transmitter to initiate flashing blue light for pairing, and then turning on the receiver for automatic connection.

OPERATING INSTRUCTIONS

2-in-1 Design: Headset and Handheld Mode

The Bietrun microphone offers a flexible 2-in-1 design, allowing you to easily switch between a comfortable headset and a convenient handheld microphone. To convert, simply detach the microphone unit from the headset band and use it as a handheld device, or attach it to the band for

hands-free operation.

Handheld and Headset 2 in 1 Design

You can choose to hold a microphone or install a headband to become a microphone headset
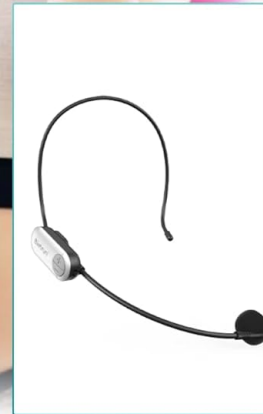

1. Handheld microphone without the head bracket.	2. Bump on the head bracket facing right to the slot on the transmitter.	3. Plug the bump into the slot, turn the bracket clockwise 90 angle.	4. Handheld microphone becomes headset microphone.

Steps to convert the microphone between handheld and headset configurations.

Adjusting Volume and Channels

- Use the volume buttons on the transmitter to adjust the microphone's output level.
- To change the frequency channel and avoid interference (especially when using multiple units), long-press the volume "—" button of the transmitter until the blue light flashes 3 times, then stays on. This allows for up to 15 sets of microphones to operate simultaneously.

Battery and Charging

The microphone and receiver are equipped with upgraded 450 mAh rechargeable lithium-ion batteries. They can be charged simultaneously using the included dual USB v2.0 cable. A full charge takes approximately 2.5 hours and provides up to 6 hours of continuous working time.

Compatible with Speakers with 6.35mm Mic Input Only

Not support Bluetooth speaker，Macbook

Stereo Speaker

Desktop Speaker

PA Speaker System

Power Amplifier

Car Audio System

Outdoor Speaker

DO NOT SUPPORT
Bluetooth speaker
Macbook

LINE IN / AUX IN

MIC INPUT
6.35MM
1/4 inch

Bietrun®

6.35mm

The microphone and receiver can be charged simultaneously with the dual USB cable. Indicators show battery level.

Usage Scenarios

The Bietrun Wireless Microphone Headset is suitable for a wide range of applications due to its stable signal and comfortable design:

- Classroom Teaching
- Live Broadcasts
- Online Courses
- Tour Guiding
- Business Presentations
- Conference Speeches
- Yoga/Fitness Teaching
- Church/Speech Events

Widely Used in Multiple Scenarios

5mm Upgraded thickened adjustable hose prevents up and down shaking

Classroom Teaching

Live Broadcast

Online Course

Tour Guide

Business Introduction

Conference Speech

5 mm

The microphone is widely used in multiple scenarios, from teaching to fitness, due to its versatility and stable performance.

MAINTENANCE

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

- **Cleaning:** Wipe the microphone and receiver with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Recharge the batteries regularly, even if the device is not in frequent use, to maintain battery health. Avoid fully draining the battery before recharging.
- **Handle with Care:** The headset features a lightweight design. Avoid excessive bending or rough handling of the microphone boom and headset band to prevent damage.

TROUBLESHOOTING

No Sound Output

If you are experiencing no sound from your microphone, please check the following:

1. **Connection Check:** Ensure that the 1/4" receiver is securely plugged into the MIC input of your speaker or amplifier. Verify that the audio system is powered on and its volume is adjusted appropriately.

2. **MIC Input Verification:** Confirm that you are plugging the receiver into a dedicated MIC input jack, not an AUX or Line-in jack. The system is designed to work only with MIC inputs.

3. **Re-pairing Procedure:** If the devices are not paired, perform the re-pairing steps:
   a. Turn on the transmitter (headset) and long-press the "+" and "-" keys simultaneously for 5 seconds until the indicator light starts flashing blue.
   b. Turn on the receiver and wait for approximately 5 seconds for automatic pairing.
   c. The indicator light will stop flashing after a successful pairing.

4. **Battery Level:** Ensure both the transmitter and receiver have sufficient battery charge. Recharge if necessary.

Note: This is a microphone device for voice input only; it does not have auditory function or a built-in speaker.

SPECIFICATIONS

Model Name	WXM05
Brand	Bietrun
Connectivity Technology	UHF
Connector Type	6.35mm jack (1/4 inch)
Microphone Form Factor	Headset (2-in-1 Handheld/Headset)
Power Source	Battery Powered (1 Lithium Polymer battery included)
Working Range	165 feet (50 meters)
Working Time	Up to 6 hours
Charge Time	Approx. 2.5 hours
Impedance	600 Ohm
Signal-to-Noise Ratio	70 dB
Number of Channels	15
Product Dimensions (L x W x H)	7.68 x 6.89 x 1.38 inches

Item Weight	6 ounces
Color	White

IMPORTANT SAFETY INFORMATION

Please read and adhere to the following safety guidelines:

- Use the microphone directly or with two TRS/TRRS 6.35 to 3.5 mm port converters for different devices as needed.
- For iPhone 7 and above, a Lightning to 3.5 mm jack converter is required (not included).
- The device is **not supported** with Bluetooth speakers that have an AUX jack, Laptops, or MacBooks. Ensure your audio system has a dedicated MIC input.
- Avoid exposing the device to water or excessive moisture.
- Do not attempt to disassemble or modify the device, as this will void the warranty and may cause damage.

WARRANTY AND SUPPORT

Bietrun products are designed for quality and reliability. For any issues or questions regarding your UHF Wireless Microphone Headset, please contact Bietrun customer service. Refer to the warranty card included in your package for specific warranty terms and contact information.
You can also visit the official Bietrun store on Amazon for additional support and product information:
Bietrun Amazon Store