

## Bietrun WXM04

# Bietrun Wireless Microphone WXM04 User Manual

UHF Metal Dynamic Handheld Microphone with Rechargeable Receiver

## 1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Bietrun Wireless Microphone, model WXM04. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

The Bietrun WXM04 is a UHF metal dynamic handheld microphone designed for various applications, including karaoke, public speaking, and musical performances. It features a rechargeable receiver and offers a wireless range of up to 160 feet (50 meters).

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Bietrun Wireless Handheld Microphone (WXM04)
- Rechargeable Wireless Receiver
- USB Charging Cable (for receiver)
- 6.35mm to 3.5mm Adapter (if applicable)
- User Manual (this document)





Image 1: Bietrun Wireless Microphone and Rechargeable Receiver. The microphone is gray with a black grille, and the receiver is a compact black unit with a 6.35mm jack.

### 3. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	WXM04
Microphone Form Factor	Handheld
Connectivity Technology	UHF Wireless
Wireless Range	Up to 160 feet (50 meters)
Adjustable Channels	15 UHF Channels
Polar Pattern	Unidirectional (Moving-Coil)
Microphone Power	2 x AA Batteries (not included)
Receiver Battery	Built-in 650mAh Lithium Polymer (Rechargeable)
Receiver Working Time	Approximately 4 hours
Receiver Charging Time	Approximately 3 hours (5 hours for first use)
Material	Metal (Microphone outer case)
Signal-to-Noise Ratio	120 dB
Frequency Response	50Hz - 18kHz
Dimensions (Microphone)	9.84 x 1.96 inches (250 x 50 mm)
Dimensions (Receiver)	4.3 x 1.29 inches (110 x 33 mm)
Weight (Microphone)	Approximately 540g (1.19 lbs)
Compatible Input	6.35mm (1/4 inch) MIC input only

## 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**

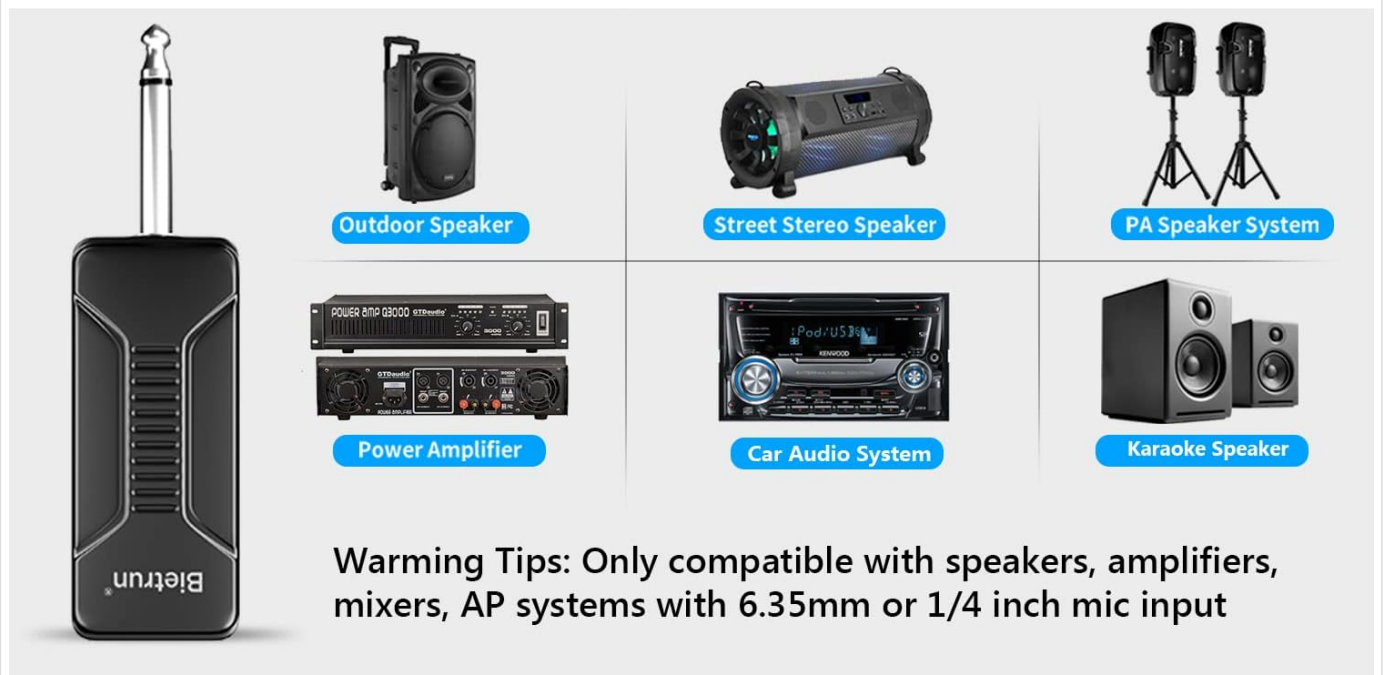


Image 2: Illustration of compatible 6.35mm (1/4 inch) MIC input ports. The image shows examples of a microphone input jack and a combined XLR/TRS input, indicating that only dedicated MIC inputs are supported.

### Important Note:

- This microphone system is designed exclusively for devices with a **MIC input**. It is not compatible with AUX inputs, Bluetooth speakers, or laptops.
- While some general product specifications may list compatibility with 'Camera, Laptop, PC' or 'Smartphone', the specific feature bullets for this model explicitly state incompatibility with Bluetooth speakers and laptops, and emphasize 'MIC input only'. Please adhere to these specific warnings for optimal performance and to avoid issues.

## 4. SETUP INSTRUCTIONS

### 4.1. Charging the Receiver

1. Before first use, fully charge the receiver for approximately 5 hours.
2. Connect the provided USB charging cable to the receiver's charging port and to a standard USB power source (e.g., computer USB port, USB wall adapter).

3. The charging indicator light will show the charging status. It will typically turn off or change color when fully charged.



Image 3: Visual guide for microphone battery installation and receiver charging. The microphone requires two AA batteries, and the receiver has a built-in rechargeable battery with a working time of 4 hours and a charging time of 3 hours.

## 4.2. Installing Microphone Batteries

1. Unscrew the bottom part of the microphone to access the battery compartment.
2. Insert two AA alkaline batteries (not included) into the compartment, ensuring correct polarity (+/- direction).
3. Securely screw the bottom part back onto the microphone.

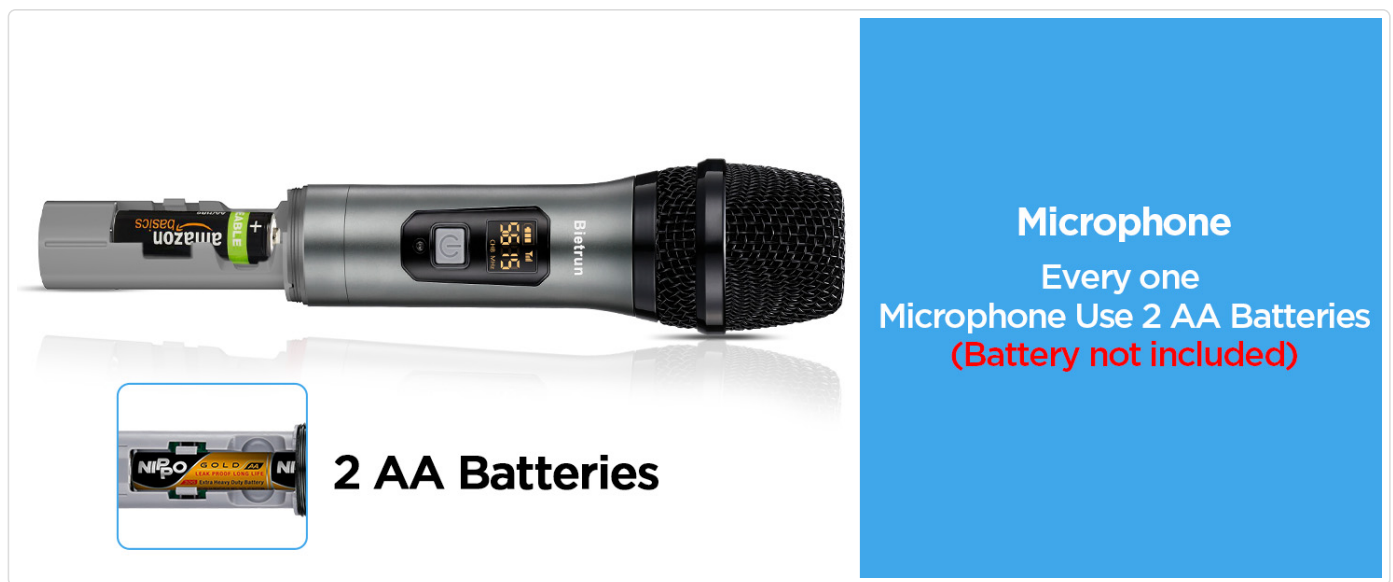


Image 4: Diagram showing the installation of two AA batteries into the Bietrun wireless microphone. Batteries are inserted into the base of the microphone.

### 4.3. Connecting to an Audio Device

1. Ensure your audio device (e.g., speaker, amplifier, PA system, mixer, karaoke machine) has a 6.35mm (1/4 inch) MIC input.
2. Plug the rechargeable receiver directly into the 6.35mm MIC input port of your audio device.
3. If your device has a 3.5mm MIC input, use the included 6.35mm to 3.5mm adapter.



## Support Multiple Multimedia Devices-1/4"

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



Outdoor Speaker



Street Stereo Speaker



PA Speaker System



Power Amplifier



Car Audio System



Karaoke Speaker



### Connection Method



 Included in the package

Image 5: Diagram illustrating the connection method for the Bietrun wireless microphone system. The receiver plugs into a 6.35mm MIC input, and an adapter is shown for 3.5mm MIC inputs. Compatible devices include outdoor speakers, street stereo speakers, PA systems, power amplifiers, car audio systems, and karaoke speakers.

## 5. OPERATING INSTRUCTIONS

### 5.1. Powering On and Pairing

1. Long press and hold the power button on both the microphone and the receiver simultaneously to power them on.
2. The microphone and receiver are designed for automatic pairing. The display on the microphone will show the channel number and battery status. The blue light on the receiver will become solid once successfully paired.
3. The microphone display will show battery power and signal strength in real-time.

## No Need To Pair, Plug And Play

Plug in 6.35MM MIC hole. Ready to use



Image 6: Close-up of the Bietrunk wireless microphone's controls. It shows the power button, a switch for volume control (levels 8-12), and a button to change frequency bands to prevent interference. The display shows channel and battery status.

### 5.2. Adjusting Volume and Channels

- **Volume Control:** Use the switch on the microphone to adjust the volume (typically levels 8-12).
- **Channel Switching:** If you experience interference or are using multiple microphones, you can change the operating channel.
  - a. Open the microphone battery cover.
  - b. Locate and click the "HI LO" button inside the battery compartment.
  - c. Ensure each microphone operates on a different channel, and ideally, choose channels that are far apart to minimize interference.

### 5.3. Microphone Usage

- The microphone features a professional moving-coil unidirectional core. For optimal sound pickup and loud voice projection, position your mouth close to the top of the microphone.



- The wireless range is up to 160 feet (50 meters). Maintain a clear line of sight between the microphone and receiver for best performance.

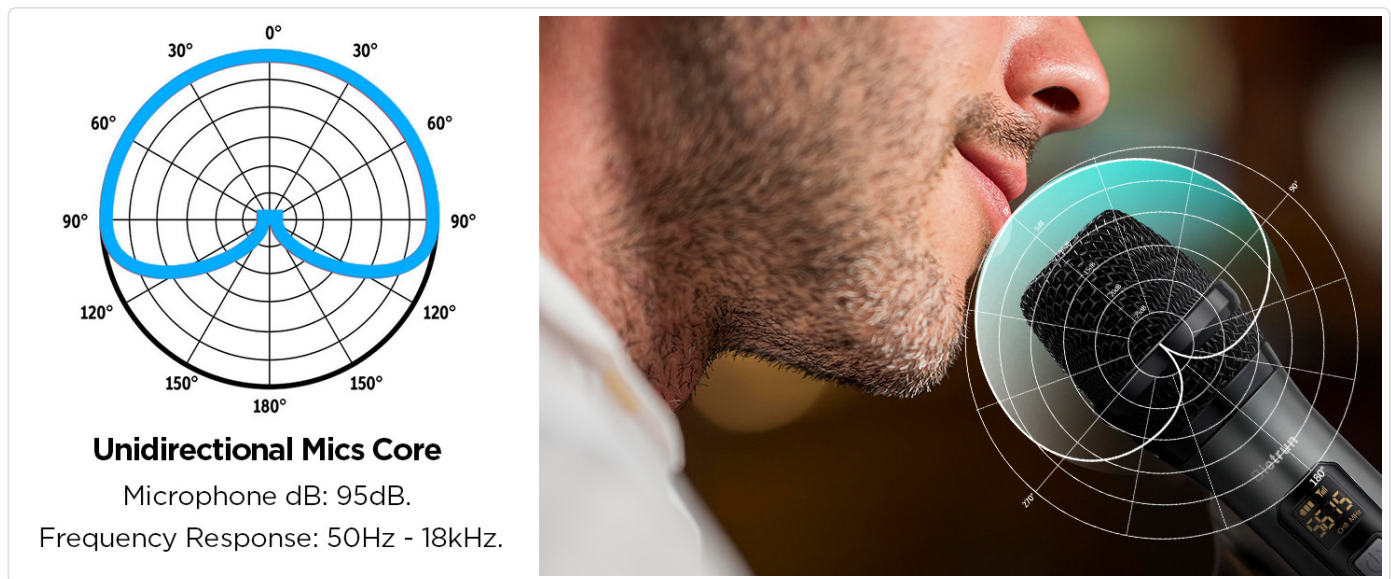


Image 7: Illustration of the unidirectional polar pattern of the Bietrun microphone, showing optimal sound pickup from the front. A person is shown speaking directly into the microphone for clear audio capture.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone and receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:**
  - Remove AA batteries from the microphone if it will not be used for an extended period to prevent leakage.
  - For the rechargeable receiver, avoid fully discharging the battery frequently to prolong its lifespan. Recharge it regularly.
- **Handling:** The microphone features an alloy metal casing for durability, but avoid dropping or subjecting it to strong impacts.

## 7. TROUBLESHOOTING

### 7.1. No Sound from Microphone

1. **Check Power:** Ensure both the microphone (AA batteries) and the receiver (rechargeable battery) have sufficient power. Recharge the receiver if necessary, and replace AA batteries in the microphone.
2. **Correct Input:** Verify that the receiver is plugged into a **MIC input** (6.35mm or 3.5mm with adapter) on your audio device, not an AUX input.
3. **Re-pairing:** If the microphone and receiver lose connection or do not pair automatically:
  - a. Turn off both the receiver and the microphone.
  - b. Open the microphone battery cap.
  - c. Press and hold the "HI LO" button inside the microphone's battery compartment for 10 seconds or more until the display channel on the microphone flashes.
  - d. Quickly turn on the receiver.
  - e. Wait for the microphone channel display to stop flashing. The blue light on the receiver should become solid,

indicating successful re-pairing.

7.2. Interference or Noise




- **Change Channel:** If you experience static, dropouts, or interference, change the operating channel of the microphone as described in Section 5.2. Ensure that if multiple microphones are in use, they are on different and well-separated channels.
- **Distance:** Ensure the microphone is within the effective wireless range (up to 160 feet) and that there are no major obstructions between the microphone and receiver.
- **Other Devices:** Keep the microphone system away from other wireless devices or strong electromagnetic fields that might cause interference.



8. WARRANTY AND SUPPORT

Bietrun products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official Bietrun website. You can visit the Bietrun Store on Amazon for more information:[Bietrun Amazon Store](#)

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Related Documents - WXM04

	<p><a href="#">Bietrun WXM30 UHF Professional 8-Channel Rechargeable Wireless Microphone System User Manual</a></p> <p>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.</p>
	<p><a href="#">Bietrun Wireless Microphone System User Manual</a></p> <p>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.</p>
	<p><a href="#">Bietrun TS-230: Guida all'Amplificatore Portatile con Microfono Wireless</a></p> <p>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.</p>
	<p><a href="#">Bietrun TS-230 Wireless Voice Amplifier User Manual</a></p> <p>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.</p>

	<p><a href="#">Bietrun WXM09 Wireless UHF Microphone User Manual</a></p> <p>User manual for the Bietrun WXM09 Wireless UHF Microphone system, detailing product introduction, features, operation, connection, troubleshooting, and specifications.</p>
	<p><a href="#">Bietrun WXM19 Wireless Microphone System User Manual</a></p> <p>Comprehensive user manual for the Bietrun WXM19 UHF wireless microphone system. Includes setup, operation, troubleshooting, and specifications for optimal performance.</p>