

Bietrun WXM02

Bietrun WXM02 Wireless Microphone System with Mic Stand

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Bietrun WXM02 Wireless Microphone System with Mic Stand. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new microphone system. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

2. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 2 x Bietrun WXM02 Handheld Wireless Microphones
- 1 x Wireless Receiver (6.35mm Jack)
- 1 x Microphone Stand with Boom Arm
- 2 x Universal Microphone Clips
- 1 x Carrying Bag for Mic Stand
- 2 x Clip-on Cable Holders

3. PRODUCT FEATURES

- **Extendable & Detachable Boom Arm:** The boom arm can be rotated 360 degrees for precise microphone positioning. It can also be removed to convert the stand into a traditional straight microphone stand.
- **Height Adjustable:** The microphone stand's height can be adjusted from 28 inches (71 cm) to 89 inches (226 cm), accommodating various users and settings.
- **Portable Design:** All components of the mic stand can be stored in the included carrying bag for easy transport and space-saving storage.
- **Universal Mic Clips:** The system includes two styles of microphone clip holders, compatible with

most microphones on the market. Two clip-on cable holders are also provided for cable management.

- **Stable Tripod Base:** Constructed from metal tubing with a stable tripod base and non-slip foot covers, ensuring stability during use.
- **Long-Distance Wireless Signal:** Offers a wireless range of up to 160 feet (approximately 48 meters) using the US FCC Standard Frequency Band.
- **High-Quality Microphones:** Features metal cardioid handheld microphones with steel meshed heads and high-quality capsules for clear audio capture.
- **Efficient Power Management:** Microphones use 2 AA batteries (not included). The receiver has a built-in 720mAh lithium battery, providing approximately 4.5 hours of working time after a 3-hour charge.
- **Plug and Play Operation:** Designed for ease of use, requiring no complex pairing. Simply plug the receiver into a 6.35mm MIC input and power on.
- **Wide Compatibility:** Compatible with devices featuring a 6.35mm (1/4 inch) jack port, such as PA systems, power amplifiers, mixers, and karaoke speakers.

4. SETUP INSTRUCTIONS

4.1 Microphone Stand Assembly

1. Unfold the tripod base of the microphone stand on a stable, flat surface.
2. Insert the main pole into the base and secure it using the adjustment knob.
3. Attach the boom arm to the main pole if desired, or directly attach a microphone clip for a straight stand configuration.
4. Adjust the height and boom arm angle using the respective adjustment knobs.



Figure 1: Microphone stand showing adjustable height from 25.2 inches (lowest) to 89 inches (highest) and an adjustable knob for securing positions.

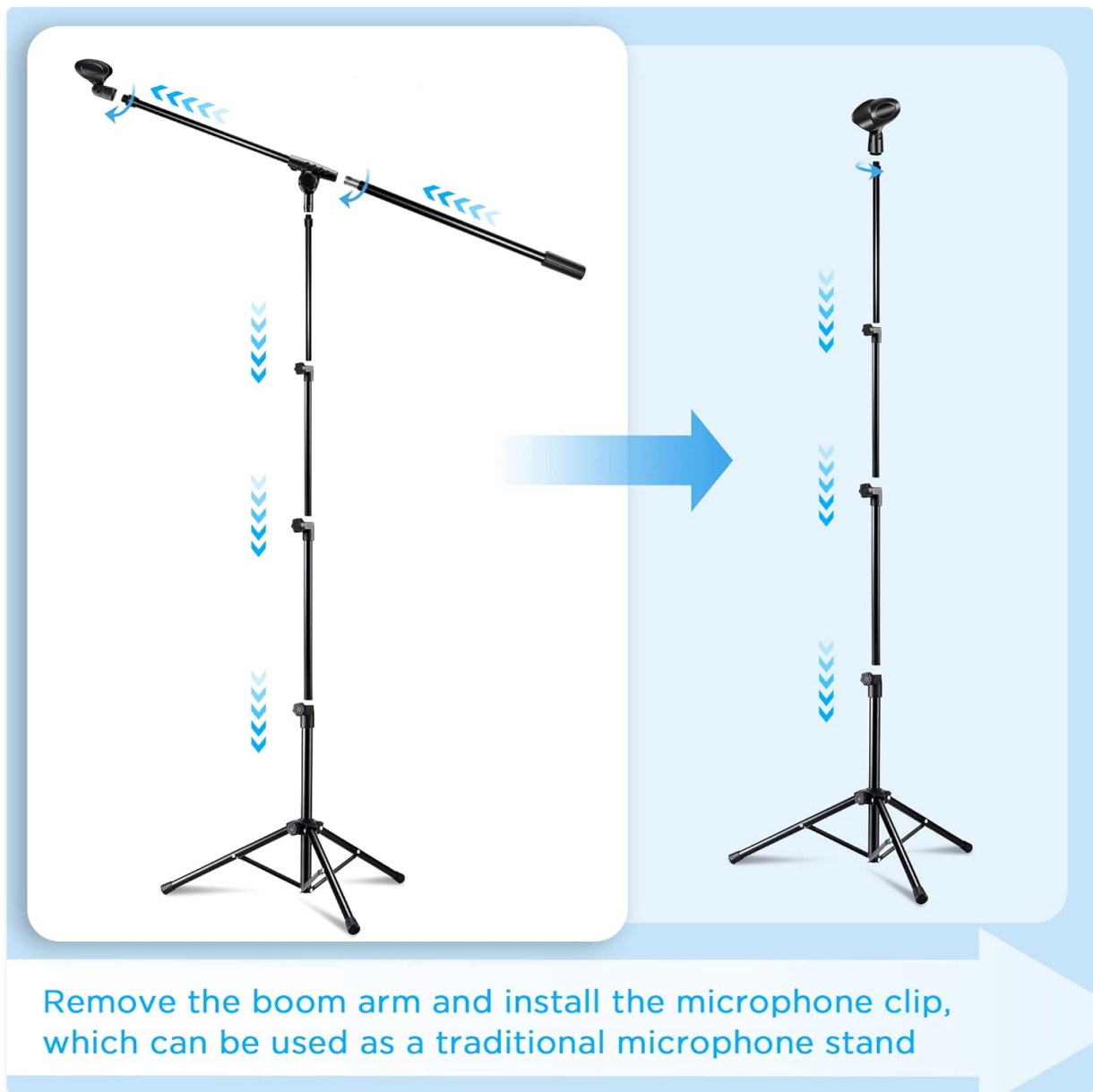


Figure 2: Illustration of removing the boom arm and installing a microphone clip to convert the stand into a traditional straight microphone stand.

4.2 Microphone and Receiver Preparation

1. **Microphone Battery Installation:** Unscrew the bottom part of each microphone. Insert 2 AA batteries (not included) into each microphone, ensuring correct polarity.
2. **Receiver Charging:** Ensure the wireless receiver is fully charged. Connect it to a USB power source using a standard USB charging cable (not included) if needed. A full charge takes approximately 3 hours.
3. **Connect Receiver:** Plug the 6.35mm jack of the wireless receiver directly into the MIC input port of your compatible audio device (e.g., PA system, amplifier, mixer).

MicroPhone And Receiver Power

Receiver Built-in 720mAh lithium Battery, Long Time Work



Figure 3: Diagram illustrating the installation of 2 AA batteries into the microphone and the rechargeable receiver with its working and charging times.

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



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

Figure 4: Visual guide indicating that the receiver is only compatible with equipment featuring a 6.35mm (1/4 inch) input jack, showing examples like outdoor speakers, PA systems, and car audio systems.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **Microphone:** Press and hold the power button on the microphone to turn it on or off. The display will illuminate when powered on.
- **Receiver:** The receiver typically powers on automatically when plugged into a powered 6.35mm jack. Ensure your audio device is on.

5.2 Volume Control

The microphone features a volume control. Press the switch on the microphone to adjust the volume level (levels 8-1).

5.3 Frequency Adjustment

To prevent interference, you can change the frequency band of the microphone. Click the button located inside the battery compartment (after unscrewing the bottom part) to cycle through available frequencies. Up to 15 microphones can be used in the same environment by setting them to different frequencies.

MicroPhone And Receiver Power

Receiver Built-in 720mAH lithium Battery, Long Time Work



Figure 5: Detailed view of the microphone's volume control switch and the frequency change button located within the battery compartment.

5.4 Using the Microphone Stand

- Attach your microphone to one of the provided universal microphone clips.
- Secure the microphone clip onto the stand's boom arm or directly onto the main pole.
- Adjust the stand's height and boom arm position to your desired configuration for optimal sound capture.
- Use the clip-on cable holders to manage microphone cables neatly along the stand.

Fits for All Types of Microphone



Suitable for Mic Diameter

0.6~1.7in

(Clothespin Style Mic Clip)



Figure 6: Examples of wired, wireless, and condenser microphones fitting the universal mic clips, which accommodate diameters from 0.6 to 1.7 inches.

6. MAINTENANCE

- **Cleaning:** Wipe the microphones and stand with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the microphone system and stand in the provided carrying bag 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.
- **Receiver Battery:** Recharge the receiver periodically if stored for long durations to maintain battery health.

7. TROUBLESHOOTING

- **No Sound Output:**
 - Ensure microphones are powered on and have fresh batteries.
 - Verify the receiver is properly plugged into the 6.35mm MIC input of your audio device.

- Check if the receiver is charged and powered on.
 - Confirm the volume on the microphone and your audio device is turned up.
 - Ensure the audio device's input is set to the correct channel for the microphone.
- **Interference/Poor Sound Quality:**
 - Change the frequency band of the microphone (refer to Section 5.3).
 - Ensure there are no obstructions between the microphone and the receiver.
 - Move away from other wireless devices or sources of electromagnetic interference.
 - Check the microphone's battery level; low batteries can affect signal quality.
- **Microphone Stand Instability:**
 - Ensure the tripod legs are fully extended and locked.
 - Tighten all adjustment knobs securely.
 - Place the stand on a flat, stable surface.

8. SPECIFICATIONS

Model	WXM02
Color	Grey
Material	Metal
Microphone Stand Max Height	89 Inches (226 cm)
Microphone Stand Min Height	28 Inches (71 cm)
Wireless Range	Up to 160 Feet (48 meters)
Microphone Power	2 x AA Batteries (not included)
Receiver Battery	Built-in 720mAh Lithium Battery
Receiver Working Time	Approx. 4.5 hours
Receiver Charging Time	Approx. 3 hours
Receiver Interface	6.35mm (1/4 inch) Jack
Mic Clip Diameter Compatibility	0.6 - 1.7 Inches