

# WMS-2G Instruction Manual

## 2.4GHz Wireless Microphone System



### 1. Product Introduction

This is a compact wireless microphone system that utilizes 2.4GHz technology for audio signal transmission. It is extremely compact, lightweight, portable, and lasts up to 4 hours of continuous use.

The transmitter and receiver pair automatically after turning on, and provide great reliable communication. The receiver has a 3.5mm AUX output and is compatible with a variety of devices like computers, smartphones, speakers, and cameras. The system includes a transmitter, a receiver, and a lavalier microphone, which can also be handheld. It is ideal for remote teaching, public speaking, audio recording, podcasting and live streaming.

### Features

- Automatic pairing
- Built-in antenna
- Adjustable microphone volume
- Lavalier microphone
- Built-in Battery, up to 6 hours of operation
- 2.4GHz wireless transmission technology with up to approx. 95' transmission range
- Compact, lightweight, and portable
- Compatible with multiple devices

## 2. Specifications

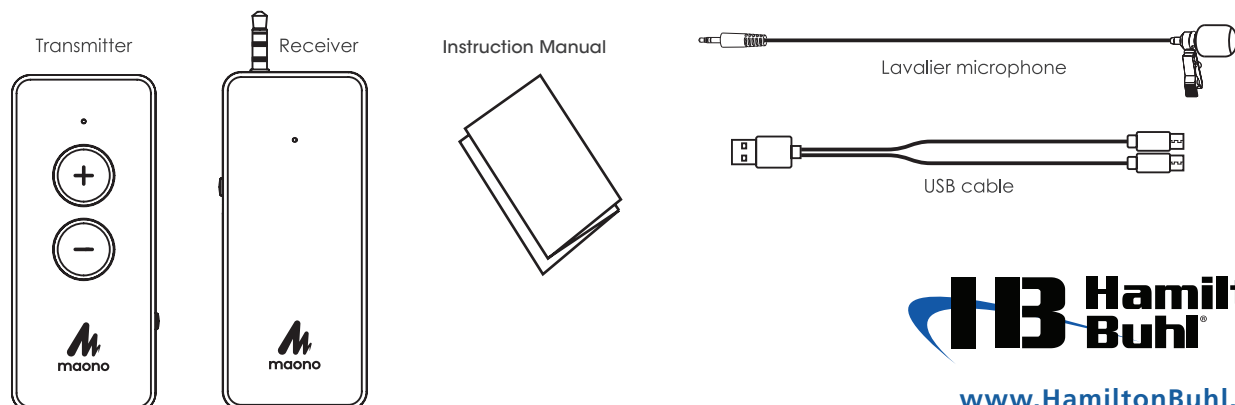
### Transmitter

Wireless Transmission Technology	2.4G
Frequency	20Hz~20KHz
Polar Pattern	Unidirectional
Sensitivity	-30dB $\pm$ 3dB
S/N	74dB
Volume Control	6~12dB
Current	<50ma
Transmission Range	98' approx.
Connection Method	Automatic
Input Interface	3.5mm TRRS Jack
Power Supply	Built-in Li-ion, 650mAh
Charging Port	Micro USB, DC 5V=1A Max.

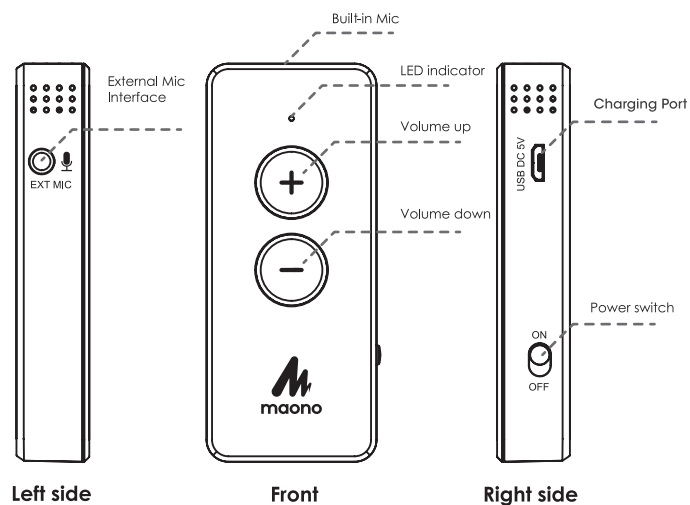
### Receiver

Wireless Transmission Technology	2.4G
Current	<50ma
Transmission Range	98' approx.
Connection Method	Automatic
Output Interface	3.5mm TRS
Power Supply	Built-in Li-ion, 650mAh
Charging Port	Micro USB, DC 5V=1A Max.

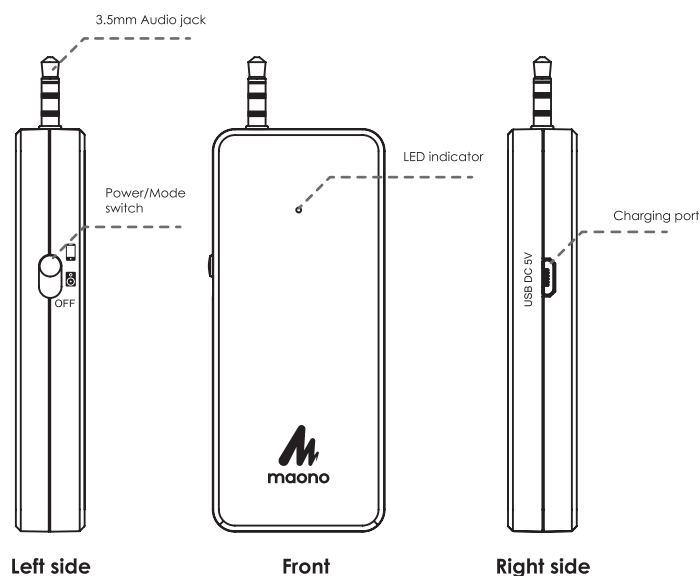
## 3. Included in the Box



## 4. Transmitter



## 5. Receiver

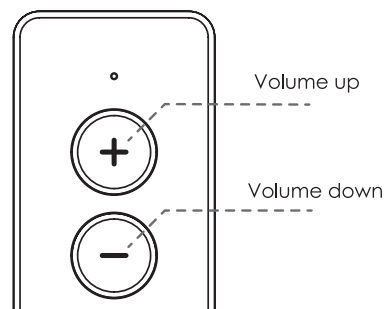


## 6. Powering On, Pairing & Mode Selection

1. Turn on the transmitter and receiver. The LED indicators on both units will flash slowly.
2. The two devices are paired automatically. The LED lights will flash rapidly. The LED light is always on after pairing is completed.

## 7. Volume Control

Press the (+) or (-) button on the transmitter to control the volume.

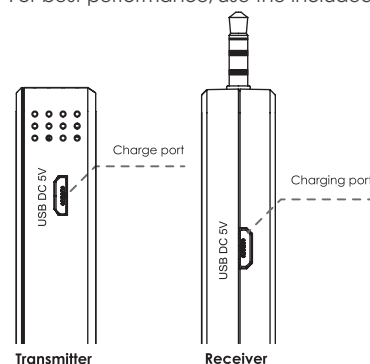


## 8. Using an External Lavalier Microphone or Audio Source

Insert the included lavalier microphone into the external microphone jack of the transmitter.

- When an external microphone is connected, the built-in mic of the transmitter is automatically disabled. After the external mic is removed, the built-in mic is automatically enabled.
- This microphone jack supports external audio input at the same time. An audio cable with a 3.5mm TRRS plug is required (not included).

For best performance, use the included lavalier microphone.



## 9. Charging

Connect the USB ports of the transmitter and receiver with the Micro-USB cable provided for charging. Charging time is approx. 2 hours.

## 10. Precautions/Notes

- Avoid getting the units wet.
- Do not disassemble or modify the wireless microphone in any way.
- Do not use within medical institutions such as hospitals, near electronic medical equipment, aircrafts, or where radio interference may occur. The wireless microphone may interfere with other devices and cause damage.
- This product is a precision instrument. Do not drop, subject it to impact or excessive vibration.
- Keep this product away from extreme cold or high temperatures, and away from humidity.
- Use wireless equipment only in areas where permitted.
- If playback equipment (such as speakers and amplifiers) is placed next to the microphone during recording, feedback may occur. Move the device further away from the microphone or reduce the volume.
- If the microphone power is turned off, or the receiver and microphone transmitter are not connected when starting to record, there may be noise or no sound. Make sure indicators on the receiver and microphone are lit in blue, and that the two devices have connected properly, then begin to record.
- Do not let your hands or other objects touch the microphone when recording, to avoid unwanted noise.

## 11. Troubleshooting

No power	Make sure the power switch is on.
No sound during recording	<ol style="list-style-type: none"> <li>1. Make sure the Power on/Mode Switch is on.</li> <li>2. Make sure your phone case does not interfere with the connection of the input jack.</li> <li>3. Some camera apps for Android phones and tablets may not support the external microphone. We then recommend you download a third-party camera app.</li> </ol>
Feedback noise	You may get interference when using in an environment with multiple 2.4G devices. Try to use in a quiet environment so that low/high frequency noise is not captured by the microphone.
Poor transmission	<ol style="list-style-type: none"> <li>1. Remove any obstacles between the transmitter and receiver that may interfere with performance.</li> <li>2. Restart the transmitter and receiver.</li> </ol>