



# WM03 Wireless Headset Microphone

## User Manual



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ASiNG wireless headset microphone uses 2.4G wireless transmission technology to reduce noise, making the sound quality clearer. One-to-one pairing eliminates interference and ensures signal transmission stable. This product is widely used with amplifiers, audios, and professional amplification equipments to achieve wireless amplification.

This product consists of two parts: a receiver and a transmitter. The receiver is connected to a speaker via a 3.5mm & 6.5mm audio cable. The transmitter is a headset microphone with two ear hooks.

Note: It is suitable for any speakers or amplifiers with a 3.5mm/6.5mm Micin (microphone) audio interface, and audio equipment that works with 3.5mm/6.5mm Micin(microphone) audio converter.

# 1. Applications

## Applicable Products

|                             |                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Applicable Products</b>  | Any amplifiers, speakers, or professional amplification equipment with a 3.5mm/6.5mm Micin (microphone) audio interface. |
| <b>Applicable Scenarios</b> | Training, teaching, tour guides, promotional announcements, etc.                                                         |

# 2. Technical Specification

## The Sender Part

|                           |              |                             |          |
|---------------------------|--------------|-----------------------------|----------|
| Working Voltage           | 3.5V-4.2V    | Reception Sensitivity       | -89dB    |
| Working Current           | 60mAh        | Wireless Transmission Range | 10-15m   |
| Lithium Battery Capacity  | 350mAh       | Frequency Response          | 20-20KHZ |
| Working Time              | 6-8hrs       | Signal-to-Noise Ratio       | 90DB     |
| Standard Charging Voltage | DC 5V        | Signal-to-Noise Ratio       | 48KHZ    |
| Charging Time             | 1-2hrs       | Sampling Frequency          | 1-2hrs   |
| Frequency Range           | 2400-2483MHZ | Microphone Sensitivity      | -42±2dB  |
| Modulation Mode           | GFSK         |                             |          |

## The Receiver Part

|                           |           |                             |              |
|---------------------------|-----------|-----------------------------|--------------|
| Working Voltage           | 3.5V-4.2V | Frequency Range             | 2400-2483MHZ |
| Working Current           | 3.5V-4.2V | Modulation Mode             | GFSK         |
| Lithium Battery Capacity  | 350mAh    | Reception Sensitivity       | -89dB        |
| Working Time              | 3.5V-4.2V | Wireless Transmission Range | 10-15m       |
| Standard Charging Voltage | DC 5V     | Charging Time               | 1-2hrs       |

## 3. Usage Steps



### Step 1:

Turn on the voice amplifier.

### Step 2:

Plug the single end of the audio cable into the receiver, and plug one end (3.5mm/6.5mm) of the double end into the voice amplifier.

### Step 3:

Turn on the microphone to amplify the sound.

Note: The voice amplifier is not included in this product.

## 4. Indicator Light Description

- 1) When the sender and receiver are powered on, the blue light is always on to indicate normal working.
- 2) The blue flashing light is a low battery reminder and needs to be charged.
- 3) If the power is sufficient but the blue light is still flashing, the connection is disconnected and needs to be repaired as follows.

## 5. Pairing Steps

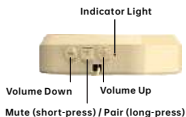
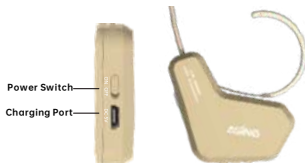
Turn on the sender, press and hold the Mute button until the indicator light flashes quickly, and then release it. Then turn on the receiver.

When the indicator lights of both the sender and receiver stay on, the pairing is successful. After connecting a voice amplifier, it can be used for normal amplification.

Note: The product has been successfully paired before leaving the factory. You only need to turn it on when using it, and the sender and receiver will automatically connect without pairing.

# 6. Product Overview

## — The Sender —



## — The Receiver —



## Using Tips

- 1) When using, please keep the sender and receiver at least 1 meter apart.
- 2) If there is whistling noise, please adjust the volume of the amplifier/audio or the headset microphone.
- 3) Do not place the sender microphone directly opposite the loudspeaker/audio speaker to avoid whistling noise.
- 4) When using it for the first time, please turn on the receiver and transmitter. If the indicator lights are always on, it means it can work normally. If they are flashing, please refer to Section 5 of this manual for pairing instructions.



### **Lithium Battery Warning**

- 1) It is strictly prohibited to place it in a high temperature environment above 50°C.
- 2) It is strictly forbidden to get close to the fire source to avoid explosion. Short circuiting and extrusion are strictly prohibited.
- 3) Do not disassemble the battery pack yourself.

# ASiNG



If any questions, please feel free to contact us.

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