

REALMIC



Zhizhen Audio Tech (Dongguan) Co., Ltd.

MADE IN CHINA

# REALMIC

## Wireless Recording Microphone

MC2/MC2S



\*Please read this instruction carefully before using the product and keep it properly

## Instructions

5. Please follow below setup steps in order to use more devices simultaneously:

Step 1: Turn off the 1st set of the device (both transmitter and receiver)

Step 2: Press the power button and channel setting button of the transmitter (from the 2nd set) at the same time for 3 seconds, the display panel of the transmitter starts to flash (under ID matching mode); then turn on the receiver (from the 2nd set), it will automatically connect with the transmitter and reconfigure its ID code in 3 seconds. And then turn off the 2nd set (both transmitter and receiver)

- ▶ If you need the 3rd set, just repeat the above steps to set up. Make sure you turn off the 1st and 2nd set before setting.
- ▶ If it gets interference by other wireless signals while using, simply change the channel of the transmitter, the receiver will automatically track and connect.

## VI. Troubleshooting

Problems	Possible cause or solution
No signal connection between receiver and transmitter, or connection failed	Do not exceed the effective operating distance
	Re-matching ID: First make sure the transmitter is off; press the power button and channel setting button of the transmitter till its display panel starts to flash (under ID matching mode); then turn on the receiver. Restart the transmitter and receiver after 3 seconds.
Short operating distance or sound is intermittent	Change to a different channel or use it in a metal-free and wall-free environment with a distance of no more than 50 meters

## VII. Precautions

1. This product is a precise electronic device, which should avoid watering or heavy fall; if it gets wet, please dry it in time, and hand it up to professional technician for further checking.
2. When not using for a long time, the battery should be fully charged every three months to maintain the high performance of the battery.

Version: V1.0-2019-12

## Instructions

### Preamble:

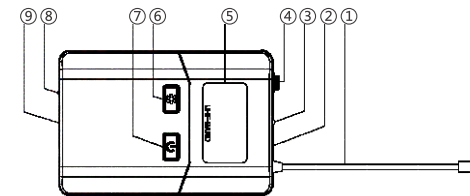
Thank you for choosing our Wireless Mobile Recording Microphone. Compatible for both camera and smartphones, easy to configure and use, this product adopts UHF wireless digital encryption technology, featuring stable and reliable signal transmission. It can be widely used in field interviews, VLOG, live video streaming, teaching and training, and other wireless applications.

### This product line includes the following models:

WM8L: With a transmitter and a receiver

WM8LS: Two transmitters and a receiver, Two transmitters can be used at the same time

### I. The operating controls:

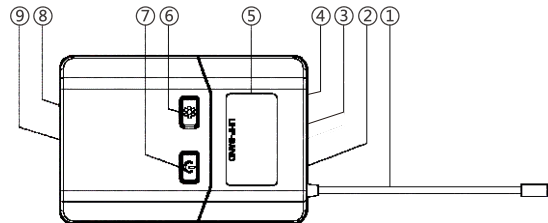


Transmitter

- ① Transmit antenna
- ② On/off indicator
- ③ Ambient noise reduction switch: set at "ON" to turn on the reduction function
- ④ MIC IN socket: to connect with lavalier microphone
- ⑤ Information display: indicates channels, battery level, volume, etc
- ⑥ Setting button: press to adjust channel when standby; short press the power switch to enter the volume interface, then press the channel button can adjust volume accordingly

## Instructions

- ⑦ Power switch: press and hold for 1 second to turn on or off; short press to enter the volume interface and adjust the volume by the channel button
- ⑧ Charging indicator: lights in red while charging, lights in blue after fully charged
- ⑨ MICRO USB charging socket: DC-5V/0.5A-2A



Receiver

- ① Receiving antenna
- ② On/off indicator
- ③ Headphone output: for real-time monitoring
- ④ LINE OUT socket
- ⑤ Info indicator: lights in blue while receiver is connected to channel A of the transmitter, lights in red while receiver is connected to channel B of the transmitter, lights in purple while both channels are connected. Flashes when battery is low
- ⑥ Setting button: for factory setting only, user do not need to operate
- ⑦ Power switch: press and hold for 1 second to turn on or off
- ⑧ Charging indicator: lights in red while charging, lights in blue after fully charged
- ⑨ MICRO USB charging socket: DC-5V/0.5A-2A

## Instructions

### III.Specifications

Frequency range: Band A: 499.1 MHz- 509.1 MHz Band B: 487 MHz- 497 MHz  
Frequency response: 40Hz-18kHz  
Channels: Max. preset 20 channels (5 frequency banks, each with 4 preset channels)  
Transmit power: ≤10dBm  
Receiving sensitivity:-102dBm  
S/N Ratio:>85dB  
Operating range: 100meters  
Power supply: 3.7V/1000mAh built-in Li-battery  
Recharging input: DC-5V/0.5-2A  
Recharging period: 2-3hrs  
Operating time: 8-10hrs

### IV.Delivery includes

#### MC2:

Transmitter x1, Receiver x1, audio cable x1, lavalier microphone x1, shoe-mounted connector x1, recharging cable x2, user manual x1

#### MC2S:

Transmitter x2, Receiver x1, audio cable x1, lavalier microphone x2, shoe-mounted connector x1, recharging cable x3, user manual x1

### V.Start using

1. Connect the lavalier microphone to the MIC socket of the transmitter, make sure it is fully plugged in and securely locked.
2. Fix the shoe mount connector on the receiver, mount the receiver onto the shoe mount of the camera.
3. Connect the LINE OUT socket of the receiver with the MIC IN socket of the video camera by using the 3.5mm audio connection cable.
- ▶ To connect the receiver with smartphone, please use the CN-20 conversion cable.
4. Turn on the transmitter and receiver, the receiver will connect with the transmitter immediately.

## FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.