

# Wireless Microphone

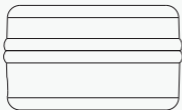


## M93 USER MANUAL

Mofa Technology (Shenzhen) Co.,Ltd

# Product Introduction

Dear user, thank you for choosing to use our wireless lavalier microphone. This manual will provide you with clear usage guidelines to help you quickly get started and fully utilize the product's functions. This product consists of three parts: microphone, receiver, and charging pack. It can provide professional level recording and live streaming output, plug and play, without the need for an app, and can be used for online live streaming, video VLOG shooting, program interviews, interview recording, video teaching and other scenarios.



Charging Pack



Microphone

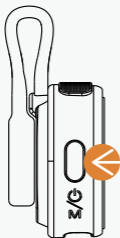


Mobile Phone Receiver



Camera Receiver

# Microphone-Button



## Multi-function button

Power on/off--

Long press the multi-function button

Noise reduction mode--

Single click the multi-function button

Reverb mode--

Double click the multi-function button

Silent mode--

Three clicks the multi-function button

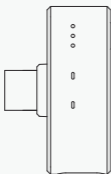
# Microphone-Indicator light



## Indicator light:

- Blue light flashing slowly - pairing in progress
- Blue light permanently on - paired
- Long green light on - charging medium green
- Light off - full of lightning flashes
- Red light - low battery
- Red light always on - wheat off
- Long blue light on - noise reduction on
- Long blue light on - Reverb on

## Receiver-Button



### **Volume button:**

Click the volume button to increase or Reduce volume (cycle in sequence)

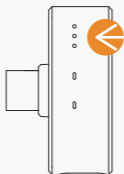
## Receiver-Indicator light



### Paired indicator light

Blue light permanently on - paired

Blue light flashing slowly - pairing in progress



### Microphone volume indicator light

first gear      •

second gear    • •

third gear     • • •

# Camera Receiver



## Volume keys:

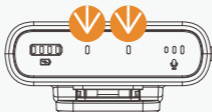
Click the volume button to increase or Reduce volume (cycle in sequence)



## Microphone battery indicator light



# Camera Receiver



## Pairing indicator light

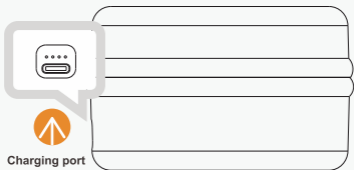
- 0 0 { Blue light on continuously - paired  
Blue light flashing slowly - pairing in progress



## Microphone volume indicator light

- 0 0 0 { First gear 0 0 0  
Speaker icon { Second gear 0 0 0  
Third gear 0 0 0

## Charging Pack

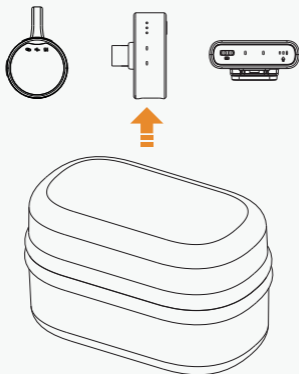


### Battery Indicators

- • • • — 25%
- • • • — 50%
- • • • — 75%
- • • • — 100%

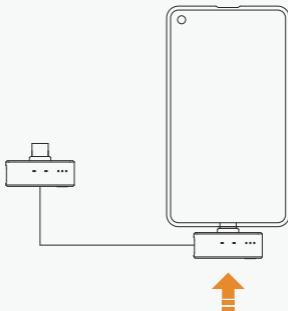
## Usage Method

Take out the microphone and receiver



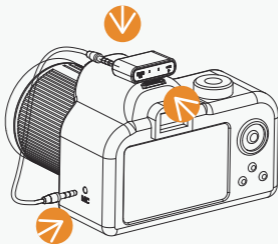
## Usage Method-Mobile phone

Insert the receiving end into the phone (the microphone and receiving end indicator light remain on for use).



## Usage Method-Camera

1. Take out the microphone and receiver, press and hold the power button on the receiver for 3 seconds to turn it on.
2. Insert the receiver back clip into the camera hot/cold boot interface.
3. Connect the 3.5mm interface of the receiver to the camera MIC audio input interface through a 3.5TRS cable.
4. Press and hold the mode button to turn on the device, and the connection light will remain on for use.



Note: Set the recording volume of the camera to the minimum, the output volume of the receiver to the minimum, and achieve the best recording effect.

## Phone Charging

When shooting short videos or live broadcasts

The phone can be charged through the interface on the receiving end.

⚠ Please use a charger with an output of 5V/1A or less.



## Frequently Asked Question

### **1. Why can't I record normally after connecting to my phone?**

\*Please check if the connection indicator lights of the microphone and receiver are always on.

\*Please check if the microphone battery is sufficient. If the battery is low, please charge it promptly.

\*Some Xiaomi and Huawei phones need to update their phone versions (Settings > My Device > Version > Check for updates).

\*Some brands of mobile phones, such as VIVO, OPPO, Realme, OnePlus, iQOO, etc., require the OTG "function to be turned on and external recording devices to be turned on

**Step 1: Open the "OTG" process: Phone settings > Other settings > OTG > Open or search for "OTG" in the search box in the settings and open it)**

**Step 2:** Open the external device process: Settings > Sound and Vibration > More Sound Settings > Default Recording Device > External Device

### **2. Can't the microphone record for the camera app that comes with the device?**

\*Some brands of mobile phones have strict restrictions on the system, which prevent the microphone from obtaining audio permissions, not due to the quality of the microphone. If this situation occurs, please contact the brand phone manufacturer.

\*This product is compatible with the vast majority of apps on the market. Please try using other apps instead.

### **3. Is there noise in the recorded sound?**

\*Check if the microphone is in noise reduction mode (the second indicator light is always on). Click the multifunction button to turn on noise reduction.

## Frequently Asked Question

### **4. Is the recorded sound too low?**

\*Please shorten the distance between the microphone and the sound source reasonably to avoid breaking the sound.

\*Please click the microphone volume button on the receiving end to increase the volume.

\*Some brands of mobile phones, such as VIVO, OPPO, Realme, Oneplus, iQOO, etc., require the "OTG" function to be turned on and external recording devices to be turned on (please follow the first step of the FAQ).

### **5. What should I do if there is wind noise?**

\*If you purchased a model equipped with a windshield, please install the windshield on the microphone.

### **6. What should I do if the connected phone has low battery during recording?**

\*Please connect the charging cable to the charging port on the receiving end to charge the phone.

### **7. What if there is an echo?**

\*Check if the microphone has the reverb function turned on (the third indicator light is on). Double click the multifunction button to turn off reverb.

\*Enter the song request interface in the live broadcast room and set it to the original sound in the tuning section.

### **8. What if there is an echo during the live broadcast?**

\*Please turn off the sound on your phone while watching the live broadcast, otherwise there will be echoes (phones in the same space cannot have sound while watching the live broadcast).

## Product Parameters

---

Wireless transmission: 2.4GHz

Sound delay: <20ms

Frequency response: 20Hz-20kHz

Sensitivity: -35dB

Signal to noise ratio: -65dB

Transmission distance: 20 meters (turning) - 40 meters (visible)

Microphone: 360 degree omnidirectional

Range: Microphone: 6H      Camera receiver: 6H

Paired with charging case: 28H

Battery capacity: Microphone: 80mAh

Camera receiver: 110mAh

Charging pack: 1000mAh

Input voltage: DC 4.5-5.2V

Adapter: 5V/1A

Weight: Microphone: 9g

Receiver: 5g(Mobile phone), 10g(Camera)

Charging case: 94g

Size: Microphone: 24\*10.3mm

Receiver: 34.5\*13\*8.2mm(Mobile phone)

36\*22.8\*16mm(Camera)

Charging pack: 106\*67\*63.8mm

## Safety Precautions

---

1. The product contains strong magnetism. To avoid magnetization effects, please stay away from easily interfering devices such as magnetic cards, IC cards, implanted medical devices (such as pacemakers), hard drives, RAM chips, etc.
2. It is strictly prohibited to let the product come into contact with any liquid, and do not immerse the product in water or wet it. Do not use the product in rain or damp environments. After contact with water inside the product, corrosion reactions may occur, leading to battery self ignition or even explosion.
3. If the product catches fire, please immediately use water, water mist, sand, fire blanket powder, and carbon dioxide fire extinguishers to extinguish the fire. Please choose the fire extinguishing method in the order recommended above based on the actual situation.
4. Please use the product in an environment between  $-10^{\circ}\text{C}$  and  $45^{\circ}\text{C}$ , with a charging environment temperature of  $5^{\circ}\text{C}$  to  $45^{\circ}\text{C}$ .
5. It is prohibited to disassemble the product in any way. If the battery is punctured during disassembly, it will lead to electrolyte leakage inside the battery, and even cause a fire or explosion.
6. Mechanical impact, rolling or throwing of products is prohibited. Do not place heavy objects on the product.
7. Do not place the product in the accessories or inside of heating equipment, cooking equipment, high-pressure containers, etc. (such as microwaves, battery ovens, electric ovens, electric heaters, high-pressure cookers, water heaters, gas stoves, etc.) to prevent the battery from overheating and exploding.

## Safety Precautions

8. It is prohibited to place products near heat sources (such as stoves or heaters) or in cars on hot days. Do not store the product in an environment exceeding 60°C.
9. Do not store the battery for a long time after fully discharging it, to avoid damage to the battery cell caused by excessive discharge, and it will not be able to be used again.
10. The charging compartment, data cable, and battery of the original matching model must be used.
11. Using non certified or non matching charging compartment data cables or batteries may cause electric shock, fire, explosion, or other hazards.

### Attention:

Due to product version upgrades or other reasons, this manual may be updated from time to time.

Unless otherwise agreed, this document is only intended as a guide for use. All statements, information, and suggestions in this document do not constitute any express or implied warranties.



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.

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

The device has been evaluated to meet general RF exposure requirement.