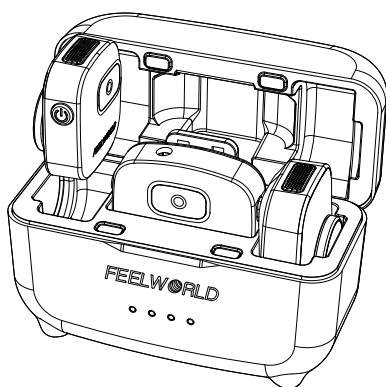




LM1

Wireless Lavalier Microphone



User Manual

V1.0

Foreword

Thank you for purchasing FEELWORLD LM1 wireless lavalier microphone. By using this product, please ensure that you have read, understand and accept the terms and conditions of this manual. Wish you have a nice experience!

Warning

- 1. This product contains magnets. Keep the product away from magcards, implantable medical devices such as pacemakers, hard disks, RAM chips, and other devices to avoid interference.
- 2. This product is not waterproof. If the inside of the battery comes into contact with water, chemical decomposition may occur, potentially resulting in the battery catching on fire, and may even lead to an explosion.
- 3. The batteries should be used at a temperature between 0° and 45°C . A high temperature can cause an explosion or fire. A low temperature will reduce the performance of a battery.
- 4. DO NOT leave the product near heat sources such as inside a vehicle on hot days.
- 5. DO NOT store the product for an extended period of time after fully discharging the battery. Otherwise, the battery may over-discharge and cause irreparable damage.
- 6. The packaging contains small parts such as the clip magnet. Keep out of reach of children to prevent any small parts from being accidentally swallowed.

Packaging List

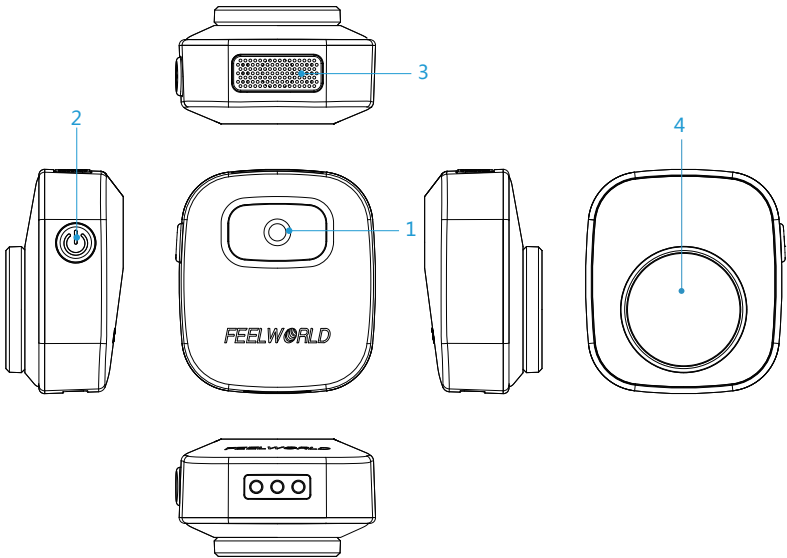
2* Transmitter	1* Receiver
1* Charging Case	1* Drawstring Bag
1* 3.5mm TRS cable	1* USB-A to USB-C Charging Cable
2* USB-C to USB-C Cable	1* Lightning Adapter
2* Windscreen	1* Quick Start Guide

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1 Product Overview

1.1 Transmitter





1. Transmitter Status LED



Battery Level

	Blinks Red Slowly	0-10%
 —	Solid Blue	>10%



Link Status with the Receiver

 —	Solid Blue	Linked with the Receiver
	Blinks Blue Slowly	Not linked with the Receiver

Battery Level During Charging

 —	Solid Red	Charing
	Off	Fully Charged

Noise Cancelling LED

 —	Solid Red	Noise cancelling turn on
	Off	Noise cancelling turn off

2. Power Button

Press and hold for two seconds to power on or off. Press to turn on or turn off noise cancelling.

Manually Linking Switch:

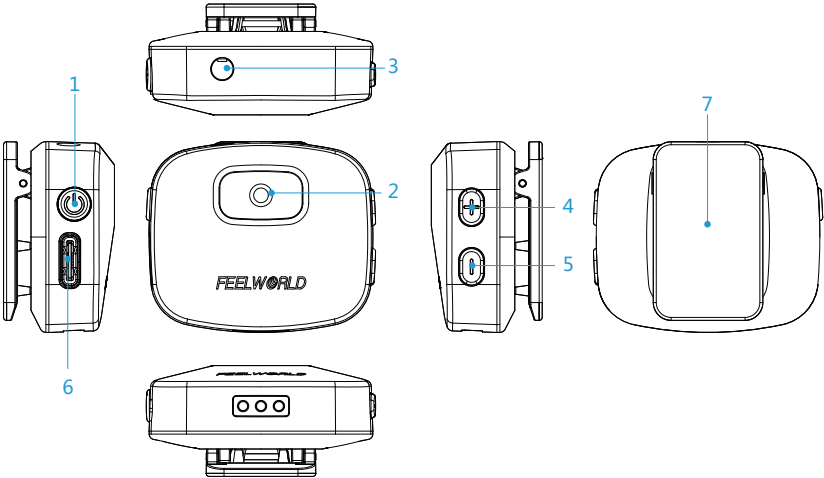
When the device is turned off, press and hold the power button until the LED blinks bule quickly, indicating that the device is in linking status.

3. Bulit-in Mic

For capture audio

4. Magnet

1.2 Receiver











1. Power Button

Press and hold for two seconds to power on or off. Press to turn on or turn off noise cancelling.

Manually linking switch:

When the device is turned off, press and hold the power button until the LED blinks bule quickly, indicating that the device is in linking status.

2. Receiver Status LED

Battery Level		
	Blinks red slowly	0-10%
 —	Solid Blue	>10%
Link Status with the Transmitter		
 —	Solid Blue	Linked with the Transmitter
	Blinks blue slowly	Not linked with the Transmitter
Battery Level During Charging		
 —	Solid red	Charing
	Off	Fully charged
Stereo/Mono		
 —	Solid blue	Stereo mode
 —	Solid green	Mono mode

3. 3.5 mm Audio Output Jack

For audio output to a camera..

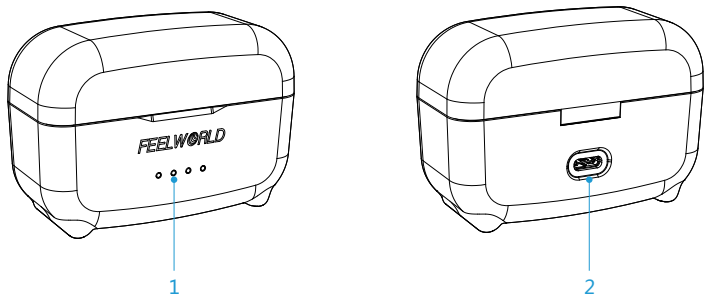
4. Volume Increasing Button

5. Volume Decreasing Button

6. Data Port (USB-C)

7. Clip

1.3 Charging Case



1. Battery Level LEDs

- LED is on
- ◐ LED is blinking
- LED is off

Battery Level During Charging (LEDs Blink in Sequence)

● ● ● ◐	76%-99%
● ● ● ● ○	51%-75%
● ● ◐ ○ ○	26%-50%
◐ ○ ○ ○ ○	≤ 25%
● ● ● ● ●	Fully charged

Battery Level When Not Charing

● ● ● ● ●	76%-100%
● ● ● ● ○	51%-75%
● ● ○ ○ ○	26%-50%
● ○ ○ ○ ○	10%-25%
◐ ○ ○ ○ ○	< 10%

2. Charing Port (USB-C)

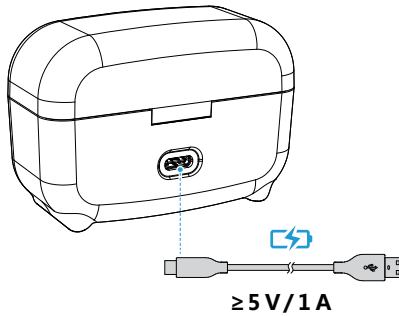
- ☀ • Fully charge the battery at least once every three months to maintain battery health. If the battery is not used for an extended period, battery performance maybe affected or may even cause permanent battery damage.

2 Using the Product

2.1 Charging

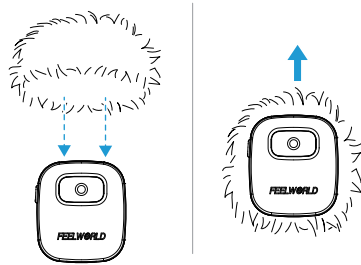
Charing with the Charing Case

Place the transmitters and the receiver in the charging case to start charging simultaneously. If the charging case runs out of power, use the provided USB-A to USB-C cable to charge the case. The transmitter and receiver will automatically power on once removed from the charging case.



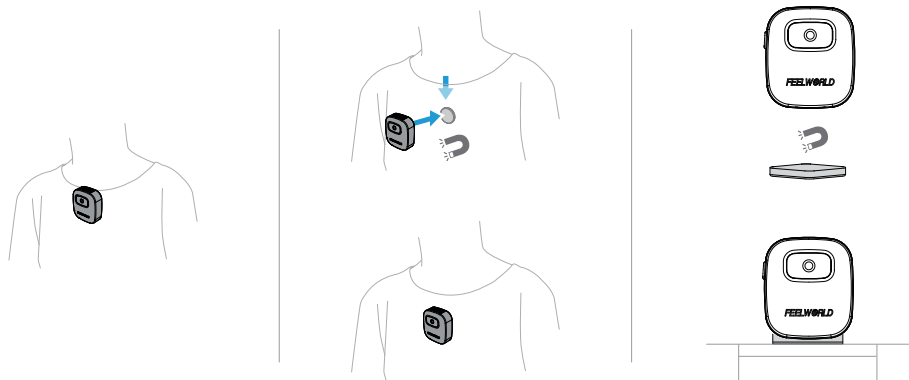
2.2 Installing the Windscreen

In outdoor or windy environments, use the windscreen to reduce wind noise and improve audio quality.



2.3 Wearing the Transmitter

The transmitter can be attached to clothing using the magnet, or can be placed on a stable surface using the magnet.



2.4 Linking the Transmitter and Receiver

The transmitter and receiver in the combos are linked by default. Follow the steps below to link the transmitter and receiver if they become unlinked.

Linking via the charging case

Place the transmitters and the receiver in the charging case to link them automatically.

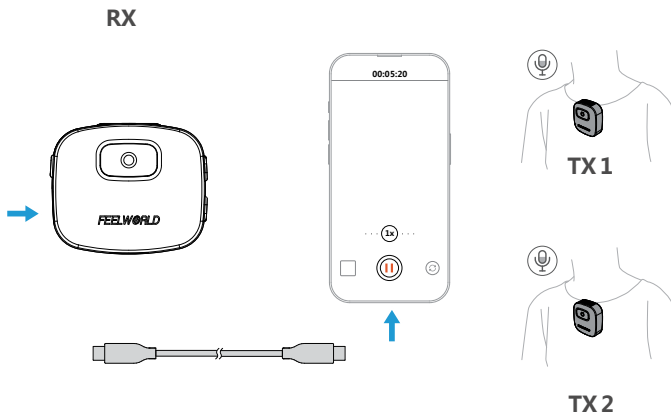
Linking Manually

1. When the transmitter is turned off, press and hold the power button until the LED blinks blue quickly, indicating that the device is in linking status.
2. When the receiver is turned off, press and hold the power button until the LED blinks blue quickly, indicating that the device is in linking status.
The status LEDs will turn solid blue after successful linking.



2.5 Using with a Phone

Install the receiver (RX) to the phone using the provided USB-C to USB-C cable, then magnetically attach the transmitter (TX) to the collar. The transmitter can then capture audio for the phone.



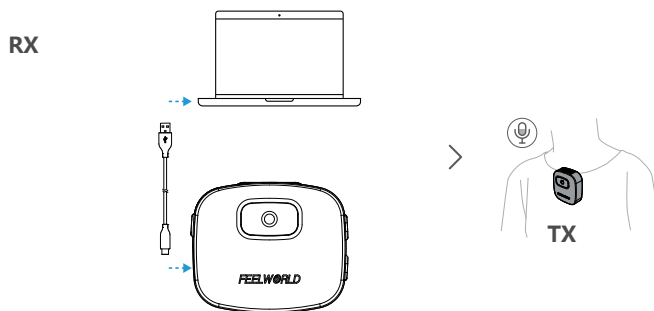
2.6 Using with a camera

Mount the receiver to the camera using the clip and connect the audio cable. The transmitter will then capture audio for the camera.



2.7 Using with a Computer

Connect the receiver to the computer using the USB cable (excluding), and set the audio input options on the computer. The transmitter can then be used as an external microphone.



3 Technical Parameters

General	
Polar Pattern	Omnidirectional
Wireless Transmission	2.4G
Sensitivity	-40dB+2dB
Transmission Range	Max: 400ft (60m); Stable: 164ft (50m) LOS
Transmission Latency	20ms
Frequency	2402-2480MHz
Frequency Response	100-16KHz
Sound Pressure Level	110dB
Signal-to-Noise Ratio	95dB
Sampling Rate	48KHz/16BIT
Sound Track	Stereo/Mono
Compatible Device	Smartphone, Camera, PC
Transmitter	
Battery Type	Li-ion
Battery Capacity	150mAh
Battery Voltage	3.7V
Charing Time	Approx. 2h
Working Time	Approx. 8h
Operating Temperature	0~45°C
Dimension	28*32*16.7mm
Weight	Approx. 10.5g (w/o clip magnet) Approx. 12.95g (with clip magnet)

3 Technical Parameter

Receiver	
Interface	USB-C, 3.5mm Audio Jack
Battery Type	Li-ion
Battery Capacity	150mAh
Battery Voltage	3.7V
Charing Time	Approx. 2h
Working Time	1TX to 1RX about 7.5h, 2TX to 1RX about 7.5h
Operating Temperature	0~45°C
Dimension	37.5*32*18.6mm
Weight	Approx. 12.8g
Charging Case	
Interface	USB-C
Battery Type	Li-ion
Battery Capacity	1100mAh
Battery Voltage	3.7V
Charing Time	Approx. 2h
Operating Temperature	0~45°C
Charging Temperature	0~45°C
Dimension	85*59.3*38mm
Weight	Approx. 83.6g (only for charing case)
Times for the charing case charges the TX and RX	2TX and 1RX charge simultaneously, it can be charged more than 2 times with fully charged charing case

★ As we are improving product features and product performance, so if there is any change on the specification without prior notice.