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TOULING TM7 Wireless Lavalier Microphone

TOULING TM7 Wireless Lavalier Microphone User Manual

Contents

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Specifications

- **Dimensions:** 90mm x 90mm x 90mm
- **Frequency:** 2.4G
- **Microphone Type:** Wireless Lavalier
- **Usage:** Professional sound recording, online streaming, video vlog, interviews, online teaching & training, online meeting
- **System**: Dual channel with 2 transmitters and 1 receiver

Product Usage Instructions

Transmitter Operation

- **Power On/Off:** Long press the Power Button.
- **Mute/Unmute Mic:** Single press the Power Button.
- **Bluetooth On/Off:** Double press the Power Button.
- **Noise Reduction On/Off:** Long press the dB Button.

Receiver Operation

- **Power On/Off:** Long press the Power Button.
- **Repairing with Transmitter:** Single poke reset hole for Mic 1 & double poke reset hole for Mic 2.

Charging Instructions

- **Transmitter Charging:** Connect the USB cable to charge or put it into the charging case.
- **Receiver Charging:** Connect the USB cable to charge or put it into the charging case.
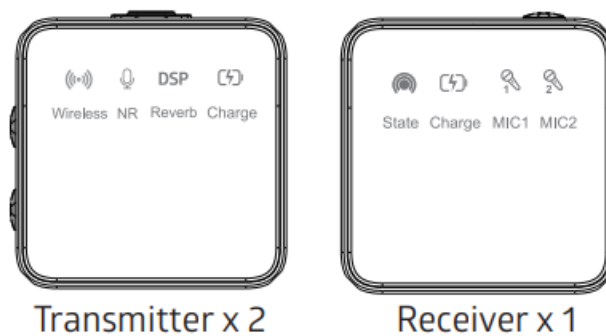
Ports Information

- **Transmitter Ports:** USB-C for charging & firmware updation, 3.5mm AUX for ear monitoring.
- **Receiver Ports:** USB-C for charging & firmware updation, 3.5mm AUX for ear monitoring and camera signal out.

(FAQ)

- **Q:** How do I pair the transmitter and receiver?
- **A:** Follow the repair instructions provided in the manual by poking the reset holes accordingly for Mic 1 and Mic 2.
- **Q:** How do I know when the device is fully charged?
- **A**: The charge indicator light will turn off when the device is fully charged.
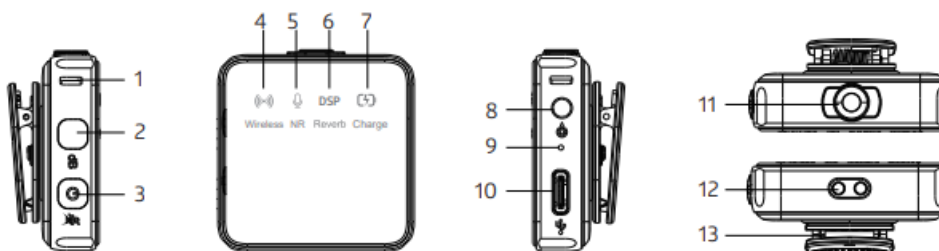
Product Introduction

This product is a 2.4G wireless collar microphone for providing professional sound recording, plug and play, and app-free. It is widely used for online streaming, video vlogs, interviews, online teaching & training, online meeting etc.It is a dual-channel microphone system that consists of 2 transmitters and 1 receiver (as the below picture shows)

Functions

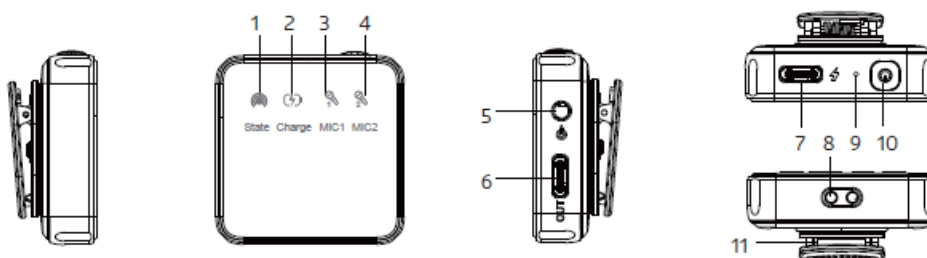### Functions of Transmitter

1. Windshield Clip Buckle
2. dB Button

3. Power Button

4. Wireless Indicator

5. NR Indicator

6. Reverb Indicator

7. Charge Indicator

Transmitter Operation Instruction

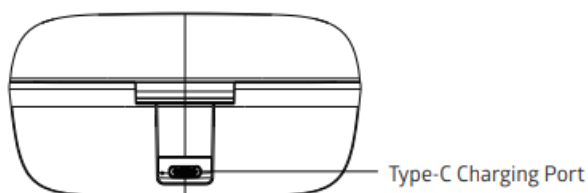| Button/Port	Function	Operation	LED Indicator
Power Button	Turn on/off TX	Long Press	NR flashes white: searching for pairing NR stays blue: paired
	Mute/Dismute Mic	Single Press	NR slowly flashes blue:Mute NR stayes blue: Dismute
	Turn on/off Bluetooth	Double Press	Wireless flashes blue: searching for pairing Wireless stays blue: paired Wireless light off:bluetooth turned off
dB Button	Turn on/off Noise Reduction	Long Press	Under Recording Mode: Turn on: NR stays blue, DSP/Reverb stays green: Turn off: NR stays blue, DSP/Reverb light off Under Reverb Mode: Turn on: NR light off, DSP/Reverb stays white Turn off: NR light off, DSP/Reverb stays blue
	Gain (3-pad cycled)	Single Press	Pad 1:NR fastly flashes blue 1 time Pad 2:NR fastly flashes blue 2 times Pad 3:NR fastly flashes blue 3 times
	Swith between Reverb & Recording	Double Press	Recording Mode: NR stays blue, DSP light off Reberb Mode:NR light off, DSP stays blue
Reset Hole	For repairing between TX & RX	Use a pin to single poke TX first, and then single poke RX reset hole for Mic 1 & double poke RX reset hole for Mic 2	Poke the reset hole to the ones only unpaired accordingly.
USB-C Port Magnetic Pole	Charging for TX	Connect USB cable to charge Put into charging case to charge	Only Charge stays red. No matter using cable or case to charge, TX will automatically turn off. When fully charged, Charge light off
	Charging for TX	╲	Charge flashes red for every 2 seconds till power off
Other Ports	1. 3.5mm AUX:Ear monitoring 2.USB C: Charing & Firmware Updation		

Functions of Receiver

1. State Indicator

2. Charge Indicator

3. Mic 1 Indicator

4. Mic 2 Indicator

5. Ear Monitoring/Audio out to Camera

6. Type-C Audio out

7. Type-C Charing Port (could charging for mobile phone)

8. Magnetic Pole

9. Reset Hole (for pairing)

10. Power on & off

11. 360° Rotatable Clip

Receiver Operation Instruction

Button/Port	Function	Operation	LED Indicator
Power	Turn on/off RX	Long Press	State & Mic 1 & Mic 2 flashes:Searching for pairing State & Mic 1 & Mic 2 stays blue:TX 1 & TX 2 Paired All lights off: RX turned off
Reset Hole	Repairing with TX	Single poke reset hole for Mic 1 & Double Poke reset hole for Mic 2	Paired: Mic 1 or/and Mic 2 stays blue Unpaired: Mic 1 or/and Mic 2 flashes blue Works only lost connection with TX.Need to poke TX first before poke RX.
USB-C Charging	charing for RX	Connect USB cable to charge Put into charging case to charge	Charge stays red. No matter using cable or case to charge, RX will still work. When fully charged, Charge light off
Other Ports	Low Battery Warning	＼	Charge flashes red for every 2 seconds till power off
	1. 3.5mm AUX:Ear monitoring out+ Camera signal out 2.USB-C out: Audio out put to mobile + local charging for RX + RX firmware updation		

Functions of Charging Case

Type-C Charging Port

Charging Case Instruction

Button/Port	Function	Operation	LED Indicator
Charing Slot in Charing Case	Charging for TX & RX	Put TX & RX into Charging Case	TX will be shut off automatically for charing. Green light stays on when charging and light off when fully charged.
USB-C Port Case	Charging for charging case	Connect USB cable to charge	When charging red light flashes slowly
			When fully charged red light stays
Charging Case	When the battery voltage is lower than 3.4V, enter the low power protection mode	Low Battery Warning	Green light flashes slowly Green light off,charging case runs out of power.

What's in the box

1. Case Charger x1
2. Pouch x1
3. Transmitter(TX) x2
4. Receiver(RX) x1
5. Type C-C Cable x1
6. Type C- Lightning Cable x1
7. USB A-C Charging Cable x1
8. Aux Cable(4-4 section) x1
9. Aux Cable(3-4 section) x1
10. External Mic x2
11. Dismountable Furry Windscreen x2
12. User Manual x1

Guide of Use

Connecting Mobile Phone to Record

1. Turn on TX and RX to pair, it will automatically be paired for the first use.
2. Insert mobilephone recording cable to mobilephone
3. Open an App like Camera, TikTok to start recording.

Connecting Mobile Phone to Stream

1. Turn on TX and RX to pair, it will automatically be paired for the first use.
2. Insert mobilephone recording cable to mobilephone
3. Open the streaming App like Tiktok to start streaming

Connecting Camera to Record

1. Turn on TX and RX to pair, it will automatically be paired for the first use.
2. Insert camera recording cable to Camera
3. Open the camera to start recording.

Product Specification

Transmission	2.4G private protocol (128-bit encrypted transmission)
Transmission Distance	≥50m
Sound Delay	≤20ms
Gain Control	Support 3-stage pad cycled
Mobilephone & Camera	Support 3.5mm TRS
Sychronize Charging with Mobilephone	Support
Sensitivity	-38dB±3dB
Frequency Response	20Hz~20kHz
Sampling Rate	48KHz
SNR	≥75dB
Working Current	≤25mA
Power-off Current	≤50uA
Working Time	10H（250mA/H battery）
Adapter	5V/1A
Charging Case	Optional(2200mA/H battery)
Working temperature	-10℃-45℃

Notice

1. Disconnect power and turn off devices before cleaning them.
2. Non-professionals should not disassemble the Devices by themselves to avoid equipment failure and loss of warranty rights.
3. Do not place the device in direct sunlight to avoid premature aging of electronic parts.
4. Avoid using it in places with flying dust or dirty environments. Dust may easily cause equipment failure.
5. Do not place the device in an environment that is too cold or too hot, as it will cause the device to malfunction.
6. It is recommended that the ambient temperature should not exceed -10°C-45°C during use, and the relative humidity should be 10%-95%
7. Do not put anything into the device to avoid a short circuit of the device or damage to the circuit. Please do not pour any liquid on the device.
8. Avoid collision between the device and hard objects, so as not to cause surface scratches, detachment or other hardware damage.
9. The product shall not be exposed to such overheated environments as sunshine, fire or similar.
10. The manual contains important information, please keep it

Warranty and Service Information

This product is guaranteed for a period of one year from the date of purchase. Only product defects caused by its quality can be returned for repair or replacement. The returned product package shall be in its original package or package with an equal degree of protection. The following information must be presented to obtain Warranty Service:

- the product;
- proof of purchase clearly indicates the date of purchase & product model;
- reason for return.

This Warranty does not cover defects or damages that result from:

- improper storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse;
- contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food;
- use of the product or accessories for commercial purposes or subjecting; the product or accessories to abnormal usage or conditions;
- other acts which are not the fault of the seller;
- damage due to improper operation;
- product's battery which has not been charged over six months.

Fcc statement

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, according 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 the 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.

RF waming for Portable device: The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

Documents / Resources

TOULING TM7 Wireless Lavalier Microphone [pdf] User Manual
TM7 Wireless Lavalier Microphone, TM7, Wireless Lavalier Microphone, Lavalier Microphone, Microphone

References

- [**User Manual**](#)