



ZOWEETEK

User's manual



ZW-T6

ZOWEETEK T6 is a professional wireless microphone.

Before you use this product, please read all the information provided with the product carefully, which will help you use this product better.

1. Features

The first wireless microphone on the market which supports high sample rate voice/audio signal working bidirectional transmission among TX1, TX2 and RX devices.

- Bluetooth 5.1 with the latest LC3 codec, providing low-latency and high-quality sound performance.
- Working distance: line of sight distance up to 50 meters.
- Support monitoring function while recording.
- Unique TX1, TX2 and RX three-way communicating each other, signal bidirectional transmitting among three devices. RX can transfer audio to TX1/TX2 while recording voice from TX1/TX2, and two TXs can also monitor synchronously each other.
- 48K sampling rate with noise reduction.
- Extremely fast pairing, fast connection.
- Multi-scenario application, vlog, live broadcast, conference, store, interview etc.
- Vlog recording video with background sound mixed.

2. Product Precautions

- If you do not use it for a long time, please charge/discharge the product every 1 month.
- This product cannot be used in high temperature or water.
- Do not drop or hit the machine violently.
- Do not disassemble, repair or modify this product.
- If you do not use it for a long time, please charge/discharge the product every 1 month.

3. Charging steps

Use the 3-in-1 charging cable to connect the charger to charge.
Can be charged using a computer and a charger.

Charger specifications :

Input: AC110-240V 50/60Hz 100mA

Output: DC5.0V - 500mA-1A

Battery query: Short press the Power key in the power-on connection state to query.

Charging indicator prompt description:

Low power: the middle low-end red light flashes slowly (250ms).

Charging: the middle red light is on, and the white light is off.

Fully charged: the red light is off and the white light is on.

4. Product appearance wireframe [RX-audio reception; TX-audio transmission]

3.5mm Audio Input / Recording Output
(TRRS connected to mobile phone)



3.5 monitor Output / external microphone input



【TX-RX】 Pairing method and power query operation instructions:

- When the machine is turned on:
 1. Press and hold the mute button for 3s on the TX, the left blue light flashes quickly, and enter the pairing mode;
 2. RX long press the volume button for 3s, the left blue light flashes quickly, and enters the pairing mode.
 3. After the pairing is successful, the blue light on the left side of 'TX'/'RX' will change from fast flashing to steady light, indicating that the pairing is successful.

Note that the machine has been paired successfully at the factory, and the machine does not need to be paired again after receiving it.

[RX-Receive] button function and indicator light prompt operation instructions



Volume key function,
short press volume level to cycle

EQ low cut key,
short press on/off

Power on/off key function,
long press on/off

Left blue light:

Pairing status: the light flashes quickly

Connection status: the light is always on

Disconnected state: the light flashes slowly

Middle LED:

Power on: the white light is always on

Low battery: the red light flashes slowly

Charging: the red light is always on

Fully charged: the red light is off and the white light is on

Short press the Power key: the white light flashes slowly, the power is sufficient, the flashing speed is fast, the power is low.

When connected to a USB audio device for recording, the green light is always on.

Right light:

Advanced volume: the red light is always on

Medium volume: solid green light

Low volume: yellow light is always on

EQ low-cut state: the light flashes slowly

【TX-transmission】 button function and indicator light prompt operation instructions



Left blue light:

Pairing status: the light flashes quickly

Connection status: the light is always on

Disconnected state: the light flashes slowly

Middle LED:

Power on: the white light is always on

Low battery : the red light flashes slowly

Charging : the red light is always on

Fully charged: the red light is off and the white light is on

Short press the Power key: the white light flashes slowly, the power is sufficient, the flashing speed is fast, the power is low.

Right light:

Non-muted state: the green light is always on

Mute state: the red light is always on

Enable the external microphone: the yellow light is always on

Turn off the external microphone: the yellow light is off

Android phone or tablet connection method

Connection diagram: The interface of the mobile phone or tablet is Type-C

- 1.Type-C cable (included)
- 2.Type-C to 3.5mm adapter (included)



Receiver



Transmitter

Connection diagram: the interface is 3.5mm
3.5 TRRS to 3.5 TRRS (included)



Receiver



Transmitter

iPhone or iPad connection method

1. Lightning to Type-C cable (Not included)



2. Lightning to 3.5mm jack adapter (included)



Camera or camcorder connection method

3.5mm TRS Cameracable (included)

Note:

- For cameras with manual recording mode, you need to change the recording mode to manual and reduce the recording level to within 10%.
- For cameras without manual recording mode, the recording volume of the camera needs to be reduced to within 10% of the total volume.



Speaker connection method

3.5mm TRS (included)



Receiver



Transmitter

PC or laptop connection method:

2. USB3.0/2.0 to Type-C cable

(Not included)



Receiver



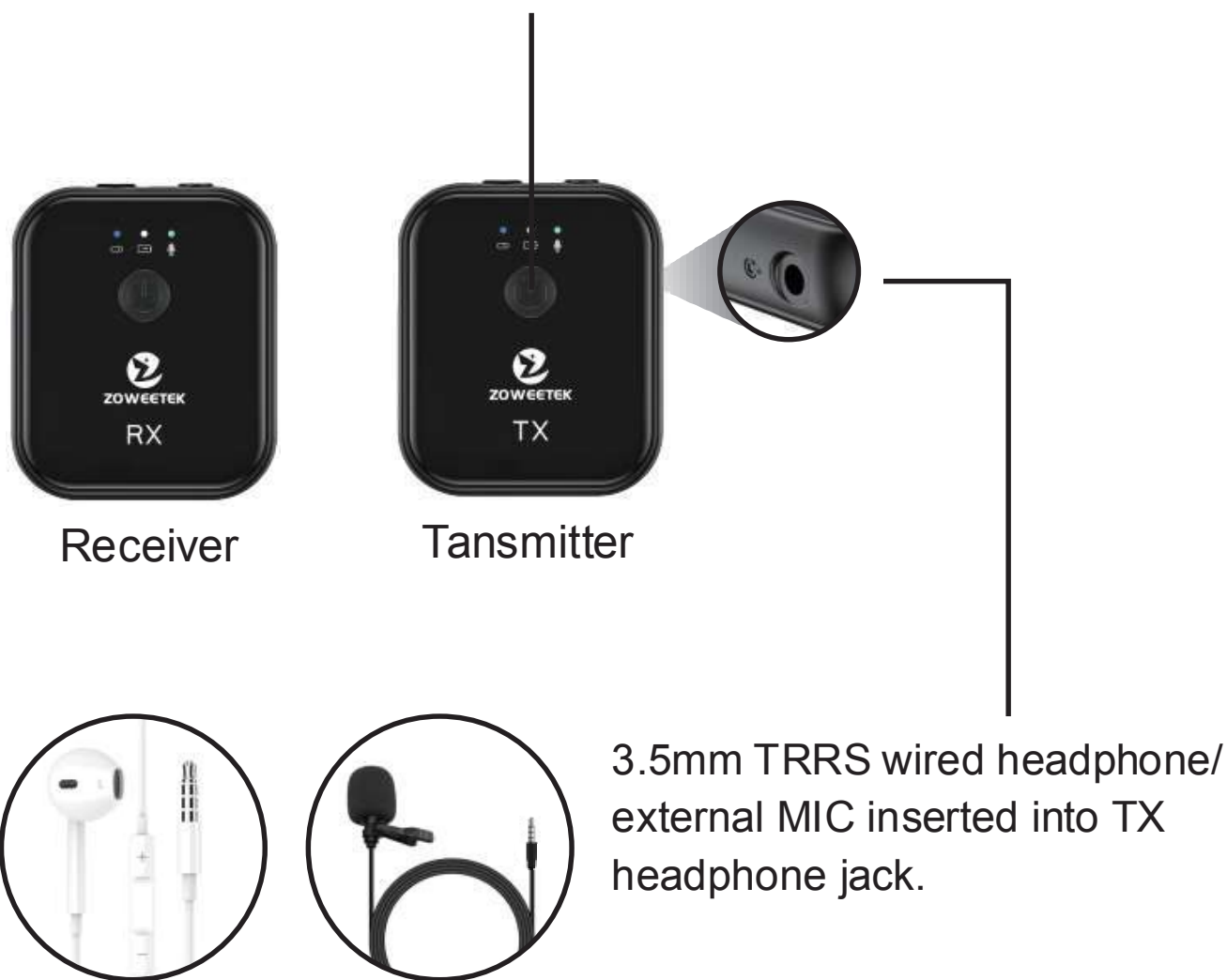
Transmitter

External microphone connection method:

In the connected state:

Double-click the 'power key' , the LED light on the right turns yellow, and the external mic starts.

Double-click the 'power key' again, the right LED light turns green, and the external mic is turned off.



Reset:

When any button on RX or TX does not work, you need to operate in the following ways.



Press the power button and volume button at the same time.

Receiver



Press the power button and mute button at the same time.

Transmitter

5. Two-way function description of three-way and schematic diagram of one-drive two-way

- A receiver (RX) can be connected to 2 transmitters (TX) at the same time, and the three devices are all bidirectionally connected, and all channels maintain a 48K high-fidelity sampling rate.

- Two transmitters upload audio to the receiver, and the receiver can send audio to both transmitters at the same time, such as background music, or various prompts that require off-site cooperation.
- The two transmitters are also two-way connected, and they can hear each other's voice, which can make cooperation more tacit, and better grasp the rhythm of cooperation.
- Receiving and transmitting two-way, three-way voice intercommunication, can easily complete various audio and video application scenarios such as TikTok connected microphone, sing and so on.



6. Product Specifications

➤ Product name	➤ wireless microphone
Bluetooth version	Bluetooth 5.1
Delay	15ms
Microphone pointing	omnidirectional
Frequency Range	50-18KHz
Microphone SPL	100dB SPL (1KHz@1m) dBu
Microphone sensitivity	-38db
Maximum input amplitude	800mV (RX, Line in input), 20mV (TX, microphone input)
Audio output interface	TRS (RX headphone output)
Audio input interface	TRRS
Sampling Rate	48KHz
Charging and data interface	Type-C, Support USB Audio
Battery capacity	300mAH
Charging time	3-5 hours
Battery Endurance	6 hours
Use distance	160 ft

Note:

RX recording method: USB audio recording and right AUX mode cannot be used at the same time.

The 3.5mm AUX recording mode on the right side uses a 3.5mm TRRS audio cable, and the function is the same as the USB Type mode - two-way audio.

The top 3.5mm audio output is used for RX monitoring or digital camera recording.

Zoweetek Guarantee:

100% Zoweetek Guaranteed Product Satisfaction.

We promise 1 year warranty.

If you have any questions, please feel free to contact us, we will try our best to provide you the best service.

Technical support and troubleshooting

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