



Digitek DWM-102 Professional Wireless Microphone System User Manual

[Home](#) » [DigiTek](#) » Digitek DWM-102 Professional Wireless Microphone System User Manual 

Contents

- [1 Digitek DWM-102 Professional Wireless Microphone System](#)
- [2 Major Functions](#)
- [3 Transmitter \(TX\) Instructions](#)
- [4 Wire Connection Instructions](#)
- [5 Product Basic Specifications](#)
- [6 After-sale Guarantee Instructions](#)
- [7 Warranty Statement](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)



Digitek DWM-102 Professional Wireless Microphone System



(Please read the user manual before use to better understand the various functions of this wireless polar

microphone)

Major Functions

Receiver (RX)



Transmitter (TX)



1. Wireless (Mini lavalier) microphone, two-way stereo 2.4G low-latency wireless digital transmission, 48K sampling rate, high-quality sound pickup equipment;
2. Recording pen function: internal recording recording mode, support internal recording and storage of 32G memory card, Recording function;
3. Wireless microphone supports stereo double monitoring;
4. Supports Bluetooth accompaniment/background music audio input;
5. Karaoke mode, built-in professional DSP sound processor for reverberation processing;
6. Live mode, built-in ANC active noise reduction function, multi-level adjustment, free switching;
7. Support OTG digital stereo and analog stereo output;
8. Receive The host supports LED screen display effect, which is convenient for operation;
9. Support mobile phones, cameras, computers, tablets, notebooks, sound cards, speakers and other hardware devices;
10. It is suitable for various purposes such as live broadcasting, shooting Vlogs, K songs, speeches, teaching, conferences, etc.

Transmitter (TX) Instructions



1. TYPE-C USB: monitor headphone/charging, device monitor headphone jack.
2. TF memory card: 32G memory card, open internal recording to store recording data.
3. The battery indicator light shows: that the green light is on when it is above 70%; the blue light is 70%-20%; the red light is less than 20%; the red light is flashing less than 5%.
4. Pairing light display: the blue light flashes quickly when powering on; the pairing is successful and is always on; the signal is interrupted and flashes quickly.
5. Dual Mic pickup port: the built-in microphone port cannot be used in a wet environment.
6. DIP switch: Toggle to adjust the volume of the microphone, click to turn on/off the side chain function, and double-click to turn off the microphone.
7. Power button: Long press the power button to switch on and off. Click the power button to turn on/off the internal recording function (prompt sound "internal recording on", "internal recording off", or "TF memory card is required to be inserted for recording"). Double-click the power button to turn on/off the Bluetooth accompaniment function (prompt sound "Bluetooth On", "Bluetooth Off").
8. Magnetic charging.

Receiver (RX) instructions

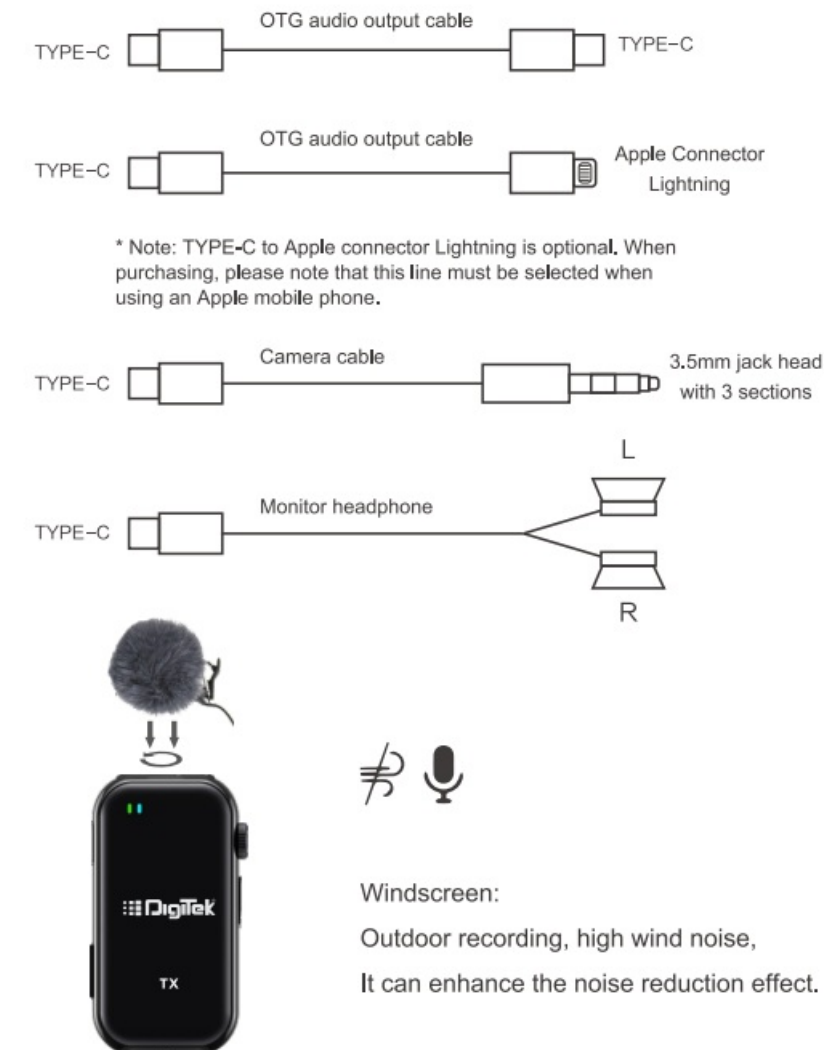


1. **Karaoke mode:** Connect the mobile phone to sing with the accompaniment Karaoke APP, the basic reverb function is turned on by default, and the reverberation intensity can be adjusted by pressing the ECHO button;
2. **Live mode:** VLOG uses the device to enter the live mode, and the basic noise reduction function is turned on by default, and the noise reduction intensity can be adjusted by pressing the ANC button;
3. **Original sound mode:** the device is in the original sound pickup state; the intensity of reverberation (ECHO) and down-dole (ANC) needs to be adjusted according to the needs of the buttons.



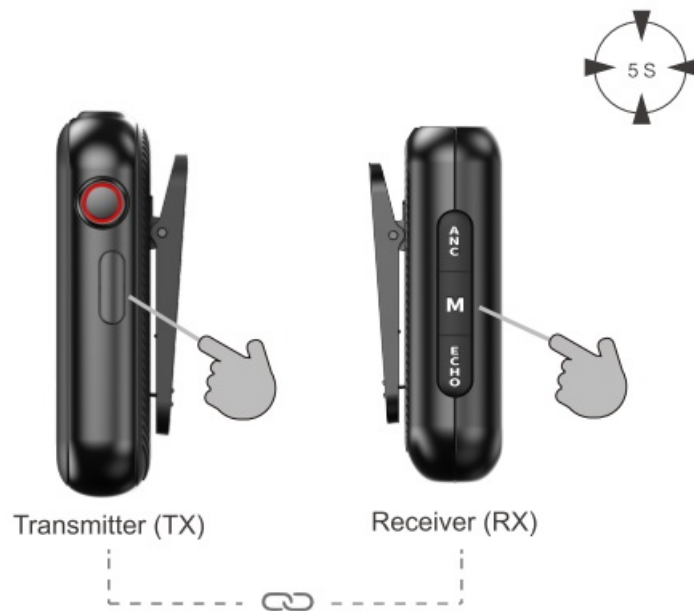
1. Monitor headphone port
2. **OTG output:** OTG interface (microphone/accompaniment audio signal output), when the power of the device is low, it can be charged with a USB TYPE-C charging cable.
3. **ANC (noise reduction) key:** click to switch the noise reduction level adjustment.
4. **M key (function):** long press for 5 seconds to switch on and off, short press to switch mode function.
5. **ECHO (reverb):** click to switch the reverb adjustment.

Wire Connection Instructions



How to use

1. Press the power button for 5 seconds to turn on TX, and press the power button for 5 seconds to turn on RX. After then, the two devices will be automatically paired and be used normally.



2. Plug the OTG audio cable into the (OTG) TYPE-C socket on the receiver, and plug the other end of the OTG audio cable into the TYPE-C port (OTG) of the live mobile phone. (Apple mobile phones need to use TYPE-C to Lightning head OTG audio cable).



3. Bluetooth accompaniment (background music) function: Use a wireless microphone during live broadcast. To realize the accompaniment function, you can use another mobile phone as the accompaniment mobile phone. Turn on the Bluetooth of the accompaniment mobile phone, search for the Bluetooth name of this device DWM-102 & connect the accompaniment mobile phone. After the Bluetooth module of the product, it can realize music accompaniment, background music, and other live broadcasts and karaoke auxiliary functions.
4. According to the demand, short press the M key to switch the corresponding working modes (Karaoke mode, VLOG/live mode, original sound mode).
5. **ANC (noise reduction) function:** Short press the ANC (noise reduction) button to switch between automatic noise reduction gears.
6. **ECHO button (reverb effect function):** Short press the ECHO button to switch the reverberation sound function gear.
7. **TX dial key:** Toggle the dial key to adjust the microphone volume; short press and double-click to turn off the microphone volume.



8. When shoot video by digital cameras or video cameras with this wireless microphone set, the output port of RX needs to be connected with a camera cable (TYPE-C interface to 3.5mm jack).
9. Dual monitoring function: Both TX and RX of this wireless microphone can realize the monitoring function.

Product Basic Specifications

- **Model:** DWM-102
- **Power adapter parameters:** DC 5V/1-2A
- **Applicable distance:** 15-30m
- **Standby power consumption:** $\leq 42\mu\text{A}$
- **Working current:** $\leq 33\text{mA}$
- **SNR:** $\geq 75\text{dB}$
- **Sensitivity:** 900B
- **Sampling rate:** Stereo 48K 16bits high-quality sampling
- **Audio frequency response:** 35Hz~20KHz
- **Frequency Stability:** $\pm 10\text{ppm}$
- **Audio output:** 350mv (maximum output)
- **Low latency:** 21 ms(millisecons)|
- **Bluetooth accompaniment:** Built-in V5.3 Bluetooth accompaniment input
- **Host battery specifications:** Built-in 3.7V / 300mA Li-Poly Battery
- **Battery life:** 10h-12h
- **Power charging compartment:** Built-in 3.7V / 1800mA Li-Poly Battery

Note: The power supply input is 5V/1-2A, it is forbidden to use 9V/12V fast charging head! !

After-sale Guarantee Instructions

Disclaimer

This user manual does not have any form of guarantee, position expression or other implication. The products, specifications and information mentioned in this user manual are for reference only, and the content will be updated on the website at any time without prior notice.

Warranty Statement

The following guarantees are made for the products attached to this document: If the product is damaged due to quality defects under normal use within twelve (12) months from the date of your purchase ("Warranty Period"), if it can be repaired, it will be repaired free of charge; If it is confirmed by the manufacturer- er that it cannot be repaired, it will be replaced free of charge; the repaired or replaced product will continue to enjoy the warranty within the remaining warranty period (at least 30 days). The date of purchase is based on the date of the sales invoice; if the date of purchase cannot be determined, the warranty period is calculated as thirteen (13) months from the date of production of the product. To apply for a warranty, please call the product service hotline first, and follow our instructions. When applying for a warranty, you need to provide valid sales information that is accurate, complete, and filled out. The above guarantees do not apply to the following situations:


1. Exceeding the validity period of the three guarantees;
 2. Altering the warranty card, the product code does not match the product body;
 3. Malfunction or damage caused by misuse, abuse or improper transportation, use, maintenance or storage;
 4. Failure or damage caused by force majeure (such as earthquakes, wars, disasters, etc.) or accidents;
 5. Failure or damage caused by overloading;
 6. Any damage caused by sharp objects;
 7. Burning or damaged Products with signs of flooding;
 8. Damage caused by unauthorized demolition;
 9. Aging, discoloration, abrasion, rupture, and other wear and tear that occur during normal use of the product;
 10. If the original identification label of the product is changed or damaged, this guarantee will be invalid; the completeness and appearance of the product and accompanying materials are not covered by the guarantee.
- You should inspect the product on the spot and raise objections to any discrepancy when receiving the product.

Nothing in this document affects consumer rights which cannot be excluded or limited by law.

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Documents / Resources

	Digitek DWM-102 Professional Wireless Microphone System [pdf] User Manual DWM-102 Professional Wireless Microphone System, DWM-102, Professional Wireless Microphone System, Wireless Microphone System, Microphone System, System
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References

- [User Manual](#)

