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115.0 mm

Bietrun® WXM12

USB Wireless Microphone Headset User Manual



If you have any questions, please feel free to contact us.
E-mail: amazon@bietrun.com

1. Product Introduction


This wireless microphone adopts UHF frequency band for transmission, which has the characteristics of long transmission distance, strong anti-interference ability, low delay and clear sound quality. Simple operation and debugging. The whole machine has extremely low power consumption and a long battery life, and can be widely used in recording, live broadcasting, conferences, online teaching and other occasions.


2. Product Features

1. EC communication protocol, digital audio transmission, high signal-to-noise ratio, low noise;
2. UHF frequency band wireless transmission, get rid of the trouble of cable entanglement, good anti-interference performance;
3. One-key power on/off, channel switching, volume control, simple operation;
4. The working status is displayed on the LED screen, the power, volume and the frequency band adjustment are clear at a glance;
5. Support Windows/8/10, Apple Mac OS;
6. Support recording software and live broadcast software of some third-party platforms.

3. Product Description

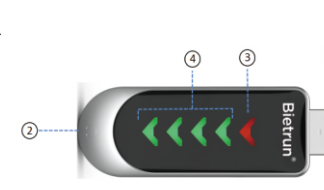
Transmitter





Serial NO.	Part Name	Function Description	Notes
①	Pick-up microphone	Pick up the sound signal, the flexible hose can freely adjust the distance between the microphone and the mouth	The microphone should be right towards the mouth as much as possible, and the distance from the mouth should be as short as possible
②	Head belt	The flexible structure design is suitable for various people. You can also detach the head holder and use it as handheld mode	
③	Power button/ mode switch	(1) Power on/off: long press for 3 seconds and release it to turn on/off (2) When the transmitter is powered on, short press to adjust volume (display UXX) and frequency (display CXX)	The initial boot volume defaults to C30
④	Display screen	Display transmitter's working status, including power, volume level, channel switching	When 000 displays, it means the display enters the battery indicator mode. When 000 flashes, it indicates that the transmitter has insufficient power and needs to be charged
⑤	Charging indicator	The indicator is red when charging, and it goes out after full charged	Full charge time is about 2.5 hours

Receiver

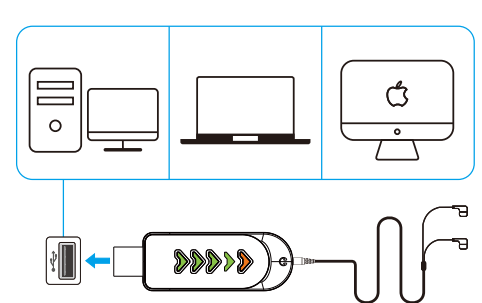


SerialNO.	Part Name	Function Description	Notes
①	USB plug	(1) It can be plugged into the USB port of the computer, and the USB device's identification name is Bietrun	When connecting to the computer for the first time, the device will automatically detect the driver and install it. You can use it after the computer prompts that the installation is successful.
②	3.5 mm Headphone output	Connect headphone to monitor the reception effect.	
③	Power on and connection indicator	A steady orange light indicates that the transmitter is connected normally, and a flashing orange light indicates that the receiver is ready to be paired.	The orange light also means the USB power supply is normal.
④	Pick-up indicator	When the transmitter picks up the sound, 4 green lights will dynamically indicate according to the sound level.	When the green light is off, please check if the transmitter volume is adjusted to U00, U00 is in silent mode.

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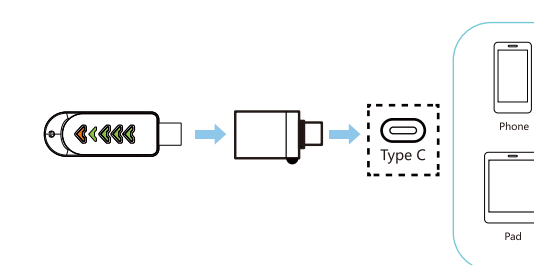
4. How to connect & Use

- 1. Connect computer**
After the receiver is plugged into the USB port of the computer, you need to set Bietrun as the default microphone input device in the computer audio settings. If the computer uses other third-party audio software to collect microphone signals, set Bietrun as the default microphone input device as well. The computer system or audio software will receive digital audio simultaneously, and the 3.5 jack of receiver can monitor at the same time.



Notes:
(1) The computer USB port connection needs to be good and reliable.
(2) Bietrun cannot be used as an audio output device for computer systems.

- 2. Connect Android device**
The receiver is connected to mobile devices such as Android phones or tablets via a TYPE-C converter for recording or live streaming.



Notes:
Please make sure that the Android system version of your phone or tablet is 10.0 or higher. Due to Android system's limitations, some versions can not record, and you need to use third-party software to record.

5. Trouble Shooting

Serial NO.	Breakdown	Elimination
1	The receiver cannot be turned on.	Check whether the USB port is plugged in properly, the orange light flashes or keeps on indicating that the boot is normal.
2	The transmitter cannot be turned on or 000 flashes, indicates that the battery is low.	Please charge it for more than 2.5 hours to make sure the transmitter is fully charged before turning it on.
3	Transmitter can not charge.	(1) Check whether the power adapter is powered on; (2) Check whether the charging cable and the charging plug of the machine are inserted in place.
4	The sound is intermittent, and the receiver's orange light flashes.	(1) Shorten the distance between the receiver and the transmitter; (2) Adjust the receiver to the visible range as much as possible; (3) Try to switch channels;
5	No sound, the receiver only lights up orange.	(1) Check whether the transmitter is turned on; (2) Check if the transmitter volume is adjusted to U00, U00 is in silent mode.
6	The sound is small, both the orange light and the green light of the receiver are on.	(1) Increase the volume of the transmitter; (2) Shorten the distance between the microphone and the mouth.
7	There is no sound when connected to the computer, and the orange and green lights of the receiver are both on.	Check whether Bietrun is set as the default microphone input device in the audio settings of the computer.

6. Product Parameters

Wireless Frequency	U Band	Type of Microphone	Unidirectional microphone
Audio Signal	Digital sampling 48KHz	Way of Pairing	Paired by Factory default
Frequency Response	50Hz-18KHz	Power Supply	Receiver: USB supply Transmitter: Built-in 400mAh polymer lithium battery, DC3V
Use Time	About 5-6 hours		
Numbers of Working Frequency	40 frequencies	Wireless Distance	Outdoor environment 30M(98.4FT)

7. Package Contents

- 1 x Headset Transmitter
- 1 x Receiver
- 1 x TYPE-C Converter
- 1 x USB Charge Cable
- 1 x User Manual

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.

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

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