

2.4 GHz Wireless Microphone

2.4GHz无线麦克风套装

BY-WM3D BY-WM3U

INSTRUCTION MANUAL 使用说明

Thank you for purchasing BOYA!

BY-WM3 is a 2.4GHz wireless microphone system, all-inclusive solution for making it ideal for capturing audio clearly.

It's compatible with most smartphones, tablets, DSLR cameras, consumer camcorders, PCs, etc.

The charging case can charge the transmitters and receivers anywhere for a longer working time, and it's rechargeable via a USB-C port.

Portable and lightweight body, BY-WM3 is designed for videographers, content creator, avid vlogger.

Packling Lists

BY-WM3D:

- Charging Case - Clip-on Minature Transmitter - Professional Compact Receiver - MFi Certified Lightning Adapter

- 3.5mm TRS Adapter - 3.5mm TRRS Adapter - Foam Windshield - Fur windscreen

- 30cm/11.8" Type-C to USB-A Charging Cable

BY-WM3U:

- 3.5mm TRS Adapter

- 3.5mm TRRS Adapter

- Charging Case - Clip-on Minature Transmitter - Professional Compact Receiver - Type-C Adapter

- Foam Windshield - Fur windscreen - 30cm/11.8" Type-C to USB-A Charging Cable

BY-WM3D consists of one clip-on transmitter,

a portable receiver, charging case and their

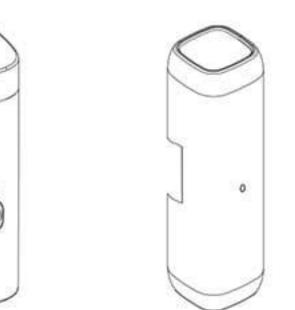
accessories as following:

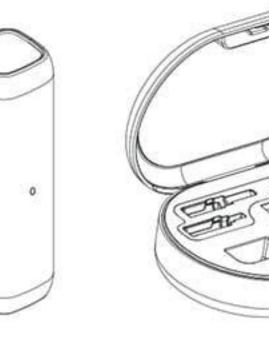
Transmitter

MFi Certificated

Lightning Adapter

Charging Cable





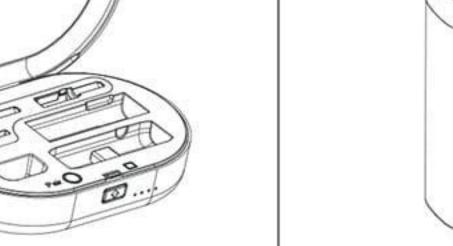
TRRS Audio

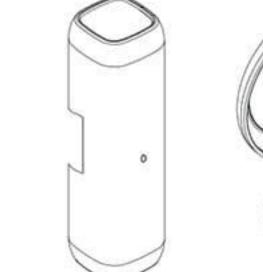
Adapter



TRS Audio

Adapter





TRRS Audio

BY-WM3U consists of one clip-on transmitter,

a portable receiver, charging case and their

accessories as following:

Transmitter

Type-C to USB-A Charging Cable





Charging Case









Fur windscreen

For optimal sound detection, do not hold your hand against the microphone head. Please refer to page for more details. 2. Power&Pairing Indicator

Receiver 7. Power&Pairing Indicator 8. Contacts 9. Power Button 10. Charging Contacts

11. Mfi Certificated Lightning Adapters - For iPhone, iPad, iPod 12. TRRS Audio Adapters - For smartphone, laptop,

Product Structure:

1. Built-in Microphone

BY-WM3D:

Transmitter

NOTE:

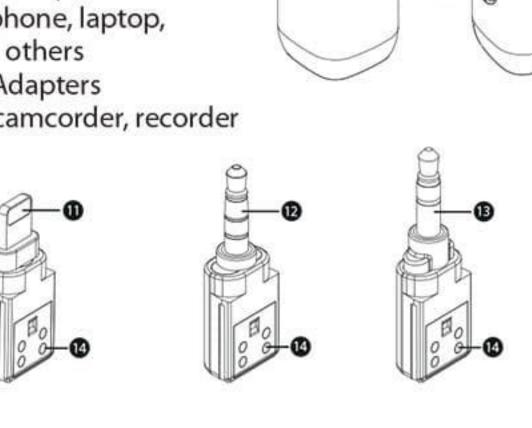
3. Power Button

6. Charging Contacts

4. +/- Button

5. Mic Clip

tablet and others 13. TRS Audio Adapters - For DSLR, camcorder, recorder 14. Contacts



Charging Case 15. TRS Audio Adapters' Slot 16. Mfi Certificated Lightning Adapters' Slot 17. TRRS Audio Adapters' Slot 18. Foam Windshield's Slot 19. Transmmitter's Slot 20. Receiver's Slot 21. Pair Button 22. Open Button 23. Battery Capacity Indicator 24. Catch 25. Charging Port (DC 5V) 26. Foam Windshield 27. Fur windscreen 28. 30cm/11.8" Type-C to **USB-A Charging Cable**

BY-WM3U: Transmitter 1. Built-in Microphone

For optimal sound detection, do not hold your hand against the microphone head. 2. Power&Pairing Indicator 3. Power Button 4. +/- Button

5. Mic Clip 6. Charging Contacts

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7. Power&Pairing Indicator 8. Contacts 9. Power Button 10. Charging Contacts 11. Type-C Adapters 12. Contacts 13. TRRS Audio Adapters For smartphone, laptop, tablet and others 14. TRS Audio Adapters - For DSLR, camcorder, recorder **Charging Case** 15. TRS Audio Adapters' Slot 16. Type-C Adapters' Slot 17. TRRS Audio Adapters' Slot 18. Foam Windshield's Slot 19. Transmmitter's Slot 20. Receiver's Slot B 700 21. Pair Button 22. Open Button

23. Battery Capacity Indicator

25. Charging Port (DC 5V)

28. 30cm/11.8" Type-C to

USB-A Charging Cable

26. Foam Windshield

27. Fur windscreen

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Transmitter & Receivers' LED Status

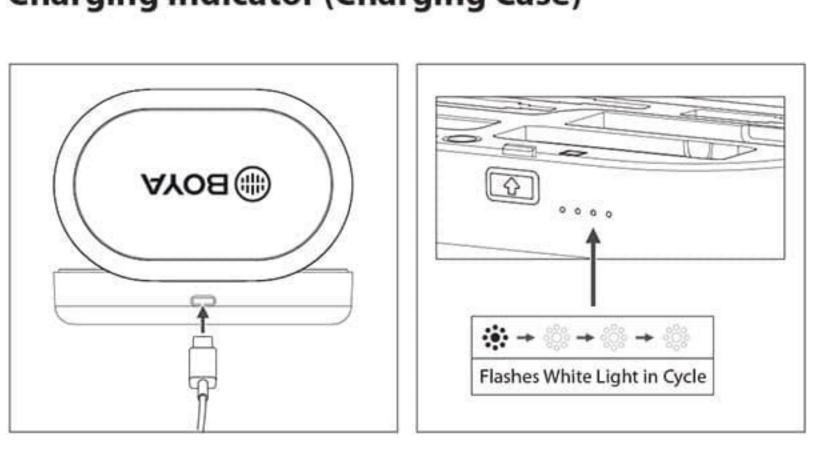
Status	Operation	Indicator
Power On	Open the cover of case. Long press the power button of transmitter and receiver until they turn on.	Lights On
Power Off	Put the device back to the case, and close the cover. Long press the power button of transmitter and receiver until they turn off.	Lights Off
Entering Pairing Mode	Short press the power button of transmitter and receiver twice.	Quick Flashing in Blue Light
Paired Successfully	1	Solid Blue Light
Disconnected/ Out of Connection Mode	/	Slow Flashing in Blue Light
Low-battery Warning	1	Flashes Red Light
Mute On (TX Only)	Short press the power button of transmitter	Slow Flashing Red Light
Charging	/	Solid Red Light
Fully Charged		Red Lights Off

Charging Case's LED Status Lights

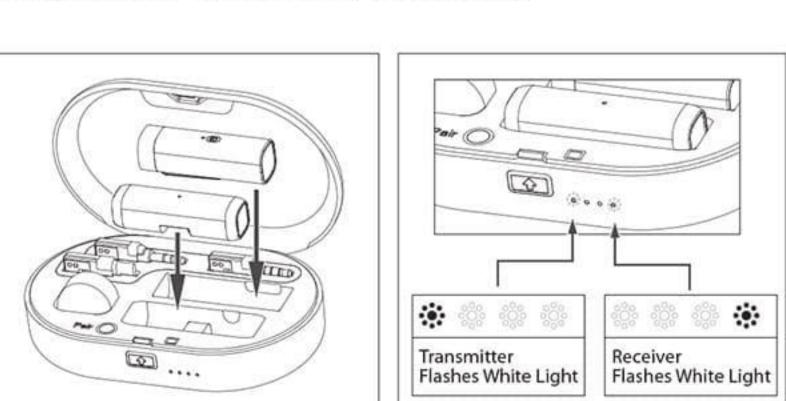
Status	Indicator	
Open/Closed	Current Battery's Capacity	
Low-battery Warning	Flashes White Light	
Charging	Flashes White Light in Cycle	
Fully Charged	Lights Off	

Lights On rully charged * Please neatly placed the device in the charging case, to ensure that they can be charged.

Charging Indicator (Charging Case)



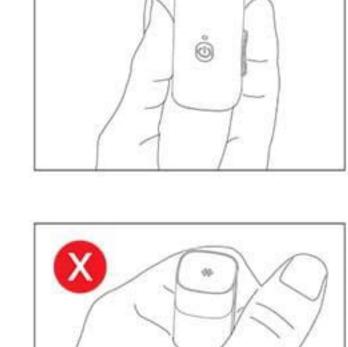
Charging Indicator (Transmitter & Receiver Charging)

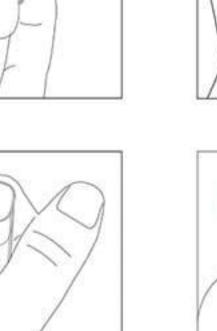


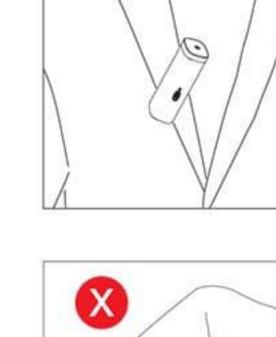
Transmitter

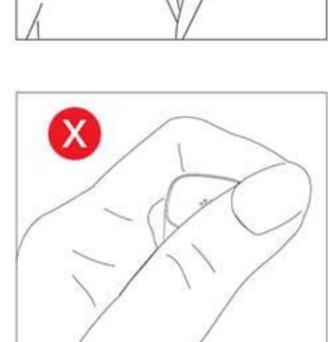
How to use?

Receiver



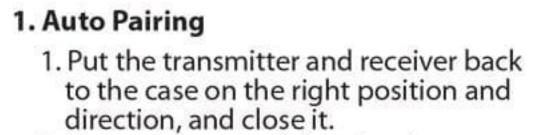






How to pairing?

Pairing Transmitter and Reciver by the Charging Case



2. Open the cover of the charging case again, the transmitter and receiver are powered on.

When they paired successfully, their indicators are in solid blue light. 2. One-touch pairing

Open the charging case, the transmitter and receiver are

2. Long press the Pair button twice to enter into the pairing mode.

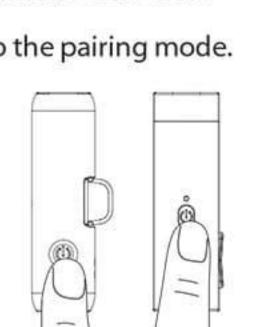
3. When they paired successfully, their indicators are solid blue.

Pairing Transmitter and Reciver by Manually Matching 1. Manually matching

Open the charging case, the transmitter and receiver are

2. Press the Pair button twice to enter into the pairing mode. When they paired successfully, their indicators are in solid blue light. When paired successfully, please follow the steps below:

4. Select a corresponding adapter and push it into the receiver. 5. Connect the receiver to your audio devices, such as cameras, camcorders, smartphone and more. 6. You are ready to record.



Features

- 2.4 GHz Wireless Transmission Technology - One-touch Pairing, Fast Focus on Recording Subject - Lightweight and Low-Profile Design

- Fast-charging with Charging Case - Alternative Types of Adapter - Muting Function

Specification

Transmission Type	2.4GHz	
Polar Pattern	Omnidirectional	
Frequency Response	20Hz-20KHz (±3dB)	
Distortion	<0.1%	
Sampling Rates	48 kHz	
Bit Depth	16 Bit	
Signal-to-noise ratio	75db or more	
Sensitivity	-42dB±3dB (1dB=1V/Pa@1kHz)	
Operating Distance	20m (without obstacle)	
Power Consumption	TX: 80mW RX: 60mW	
Working Time	TX: 4.5 hours * two times	
	RX: 8 hours * two times	
Charging Time	TX: 2 hours	
	RX: 2 hours	
	Charging Case: 2 hours	
Charging Port (Charging Case)	Type-C	
Battery Capacity	TX: 100mA	
	RX: 100mA	
	Charging Case: 1000mA	
Size	Charging Case: 120*77*30.5mm (4.7*3*1.2")	
	TX: 51.8*15.6*18mm (2*0.6*0.7")	
	RX: 54*15.6*15.6mm (2*0.6*0.6")	
Weight	TX+RX+Charging Case: 129g (4.5 oz)	
	TX: 10.5g (0.37 oz) RX: 9.5g (0.33 oz)	

CAUTION

- 1. Please use our original audio signal cable which is equipped, it's more compatible with the wireless microphone, and make
- the sound better. 2. The figure given is only the approximate value that applies when there are no obstructions between the transmitter and receiver. This distance will vary depending on metal objects, people and other obstructions and on the signal strength. 3. Battery life may vary depending on the type of battery used.

IMPORTANT

- If you do not intend to use the wireless microphone for a long period time, please remove the batteries from both the
- transmitter and receiver. Do not touch the lavalier/lapel microphone, transmitter and receiver while recording, as this will cause noise to be recorded. Do not let the transmitter close to high-voltage equipment or to devices that emit strong electrom-agnetic fields, otherwise, it may cause the noise to be recorded.

Do not use or leave the transmitter and receiver in hot, humid

- Do not leave the receiver attached to the camera when storing
- the camera in a case. Do not mix up to use the transmitter and receiver.

WARNING

 Keep the wireless microphone out of the reach of children. Never use leaking batteries and never expose batteries to excessive heat or fire.

MAINTENANCE

- Do not operate the device with wet hands or feet. Clean the equipment only in the way described in the
- instructions for use. Take care to prevent the equipment from dropping down.
 Make sure that the device is properly fastened and reliably mounted. If the device has dropped down on the floor have
- it inspected by a skilled electrician before you switch it on again. Should the equipment be damaged or defective, or if you notice a scorching smell: Interrupt the electric power supply immediately by removing the
- batteries.Do not operate the device with a damaged housing,do not repair the device yourself. Have the device only repaired by a skilled electrician.
- Always keep your device in good condition, as specified in these in-structions for use. Do not open the device.

WARNING

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.

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