(((·))) BOYA

2.4GHz Dual-channel Wireless Microphone System

2.4GHz无线双通道麦克风系统

BY-WM3T2-U1
BY-WM3T2-D1
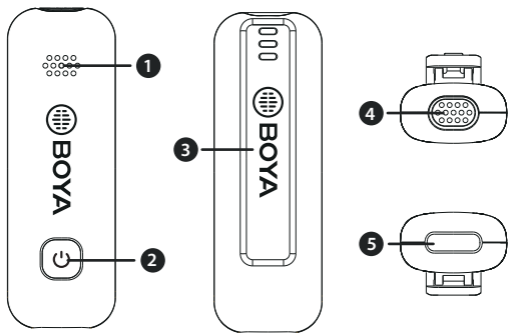## BY-WM3T2-U2
BY-WM3T2-D2

User Manual
用户手册

Introduction

The BOYA BY-WM3T2 is an ultracompact and portable 2.4GHz wireless microphone system for up to 2 people, compatible with mobile devices. It features automatic pairing and selectable noise cancellation. The BY-WM3T2 is ideal for live streaming, vlogging, and other audio capturing applications.

Cautions

1. Don't place this unit close to heat sources such as heater, oven, or other devices that produce heat.
2. When using and storing, please pay attention to dust and moisture.
3. For optimal sound pickup, please do not cover the microphone head with your hand.

Product Structure

BY-WM3T2-TX

1. Status indicator

Status	Indicator
Unpaired	Blinks blue and red alternately
Successfully paired	Solid blue light
Mute ON	Blinks blue quickly (per second)
Low battery	Blinks red every 5 seconds
Noise Cancellation ON	Blinks blue slowly (every 2.5 seconds)
Noise Cancellation OFF	Solid blue light
Charging	Solid red light
Fully charged	Light off

Note: If charging the unit when it is ON, the indicator will display the current working status instead of charging status.

2. Power/Mute button
Long press the button for 2 seconds to turn on/off the unit.
Short press the button to mute/unmute the microphone.
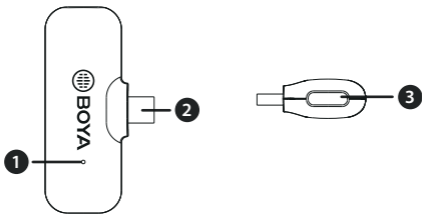Double click the button to turn on/off noise cancellation
3. Belt clip
4. Built-in mic
5. USB-C charging port
Use the supplied USB-C charging cable to charge the unit.

BY-WM3T2-RXU

1. Status indicator

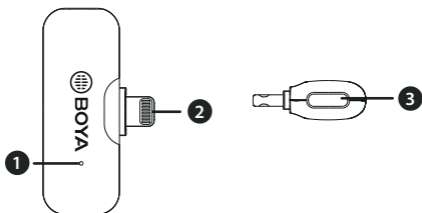| Status	Indicator
Unpaired	Flashing blue light
Successfully paired	Solid blue light

2. USB-C connector
It can be connected to an Android phone, tablet or other USB-C devices.

3. USB-C charging port
When the BY-WM3T2-RXU is plugged into an external device, the external device can be charged via this charging port.
Note: Most USB-C devices can be charged through this port, which also supports QC2.0, PD2.0 fast charging protocols.

BY-WM3T2-RXD

1. Status indicator

Status	Indicator
Unpaired	Flashing blue light
Successfully paired	Solid blue light

2. Lightning connector
It can be connected to an iOS lightning device.
3. USB-C charging port
When the BY-WM3T2-RXD is plugged into an external device, the external device can be charged via this charging port.
Note: iPad and iPhone can be charged through this port, which also supports up to 3A fast charging.

How to Use

1. Press and hold the power button for 2 seconds to turn on the transmitter.
2. Plug the BY-WM3T2-RXD into an iOS device or the BY-WM3T2-RXU into a USB-C device.
3. Transmitter and receiver will be successfully paired within 10 seconds.
4. You are ready to record.

Note: Due to 2.4GHz wireless frequency, signal can be easily attenuated. Please try to avoid obstacles, such as walls and buildings, and avoid close proximity to devices with 2.4GHz signal, such as high-power wifi antennas, radios, etc.

Features

- 2.4GHz dual-channel wireless microphone system
- Ultracompact and portable
- Comaptible with mobile devices
- Omnidirection built-in mic for 360° sound pickup
- Selectable noise cancellation
- Automatic pairing & plug and play
- Support charging via receiver's Type-C port for your device when in use
- Transmitter's built-in rechargeable battery provides up to 10-hour runtime

Specifications

Transmission Type	2.4GHz
Polar Pattern	Omnidirectional
Frequency Response	20Hz-16kHz
SNR	77 dB
Sensitivity	-42 dB
Sampling Rate	48kHz
Bit Depth	16bit
Transmission Range	50m (without obstacle)
RF Output Power	6dbm
TX's Battery Life	10 hours
Battery Capacity	95mAh
Charging Port	USB-C
Dimensions	TX: 52×17.5×15.6 mm
	RXU/RXD: 46×26.2×9 mm
Weight	TX: 8.5g (0.30 oz)
	RXU/RXD: 5g (0.18 oz)

Packing List

BY-WM3T2-U1
- BY-WM3T2-TX transmitter x1
- BY-WM3T2-RXU receiver x1
- USB-C charging cable x1
- Foam windscreen x1

BY-WM3T2-D1
- BY-WM3T2-TX transmitter x1
- BY-WM3T2-RXD receiver x1
- USB-C charging cable x1
- Foam windscreen x1

BY-WM3T2-U2
- BY-WM3T2-TX transmitter x2
- BY-WM3T2-RXU receiver x1
- USB-C charging cable x2
- Foam windscreen x2

BY-WM3T2-D2
- BY-WM3T2-TX transmitter x2
- BY-WM3T2-RXD receiver x1
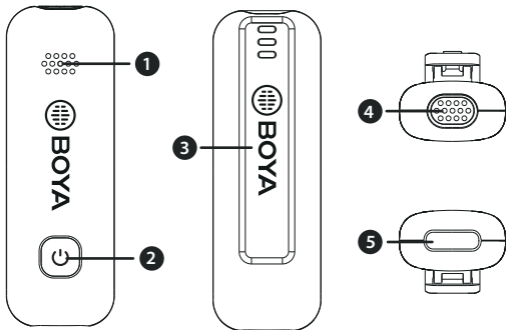- USB-C charging cable x2
- Foam windscreen x2

概述

博雅BY–WM3T2是一款迷你便携的2.4GHz双通道无线麦克风系统，兼容手机等移动设备。产品具有自动配对和可选择的降噪功能。BY–WM3T2适用于直播、Vlog拍摄等应用场景。

注意事项

1. 请勿将本机靠近热源，如加热器、烤箱或其他产生热量的设备。

2. 在使用和储存时，请注意防尘和防潮。

3. 为获得最佳拾音效果，请勿将手放在麦克风头上。

产品结构

BY–WM3T2–TX

1. 状态指示灯

状态	指示灯
未联机	红蓝灯交替闪烁
联机成功	蓝灯常亮
静音状态	蓝灯快闪（每1秒闪一次）
低电量	红灯闪烁（每5秒闪一次）
降噪开启时	蓝灯慢闪（每2.5秒闪一次）
降噪关闭时	蓝灯常亮
充电中	红灯常亮
充满电	红灯熄灭

注意：若在开机状态下进行充电，指示灯将优先显示当前工作状态（而非充电状态）。

2. 电源/静音键

开/关机：长按此键2秒

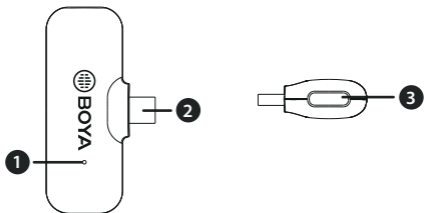开启/关闭静音：短按此键

开启/关闭降噪功能：双击此键

3. 背夹

4. 内置麦克风

5. USB–C充电孔

使用随附的USB–C充电线进行充电。

BY-WM3T2-RXU

1. 状态指示灯

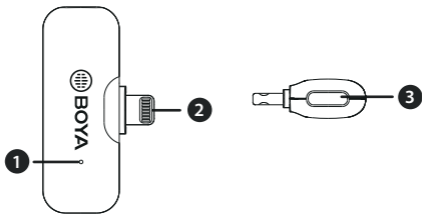| 状态	指示灯
未联机	蓝灯闪烁
联机成功	蓝灯常亮

2. USB-C接头

可连接至安卓手机、平板或其他USB-C设备。

3. USB-C充电孔

当BY-WM3T2-RXU接收器插入外部设备时，可通过此充电端口为外部设备充电。

注：此充电口支持给大部分USB-C设备充电，且支持QC2.0、PD2.0快充协议。

BY–WM3T2–RXD

1. 状态指示灯

状态	指示灯
未联机	蓝灯闪烁
联机成功	蓝灯常亮

2. Lightning接头

可接入带Lightning接口的iOS设备。

3. USB-C充电孔

当BY-WM3T2-RXD接收器插入外部设备时，可通过此充电端口为外部设备充电。

注：此充电口支持给iPad、iPhone充电，且支持最大3A快充。

使用方法

1. 长按电源键2秒将发射器开机。

2. 将BY–WM3T2–RXD插入iOS设备或将BY–WM3T2–RXU 插入USB–C设备。

3. 发射器和接收器将在 10 秒内完成配对。

4. 开始录音。

注意: 由于在 2.4GHz 频谱下，信号很容易受干扰，请尽量避 开墙壁和建筑物等障碍物，避免接近 2.4GHz 频率的设备， 如大功率 WiFi 天线、收音机等。

特点

- 2.4GHz双通道无线麦克风系统
- 小巧便携
- 兼容手机等移动设备
- 内置全向型麦克风，实现360°灵活拾音
- 可选择的降噪功能
- 自动配对、即插即用
- 接收器带有TYPE-C充电口,可支持在使用过程中接入 电源给手机及其他设备充电
- 发射器内置可充电电池，续航时间长达10小时

参数

信号传输	2.4GHz
指向性	全向
频率响应	20Hz–16kHz
信噪比	77 dB
灵敏度	–42 dB
采样率	48kHz
位深	16bit
传输距离	无障碍50米
RF输出功率	6dbm
TX续航	10小时
电池容量	95mAh
充电接口	USB–C
尺寸	TX：52×17.5×15.6 mm
	RXU/RXD：46×26.2×9 mm
重量	TX：8.5g
	RXU/RXD：5g

包装清单

BY–WM3T2–U1 x1
– BY–WM3T2–TX发射器 x1
– BY–WM3T2–RXU接收器 x1
– USB–C充电线 x1
– 防风海绵 x1

BY–WM3T2–D1
– BY–WM3T2–TX发射器 x1
– BY–WM3T2–RXD接收器 x1
– USB–C充电线 x1
– 防风海绵 x1

BY–WM3T2–U2
– BY–WM3T2–TX发射器 x2
– BY–WM3T2–RXU接收器 x1
– USB–C充电线 x2
– 防风海绵 x2

BY–WM3T2–D2
– BY–WM3T2–TX发射器 x2
– BY–WM3T2–RXD接收器 x1
– USB–C充电线 x2
– 防风海绵 x2

www.boya-mic.com

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