

BOYA

4-Channel Mini Wireless Microphone Series

四通道迷你麦克风系列

BY-V4

BY-V4U

BY-V4D

User Manual

用户手册

Statement

Please read this manual carefully before using, and strictly operate and store it in accordance with the instructions. Please save the manual for future reference. If you need further assistance than the user manual, please consult your retailer for help or email us at: support@boya-mic.com

Cautions

1. Non-professional teardown is strictly prohibited.
2. Please keep it away from heat sources such as radiators or spotlights.
3. Do not remove the battery without professionals' help.
4. Please clean the device with only a soft, dry cloth.
5. When using and storing, please keep away from the dust and moisture.
6. For the best pick-up pattern, do not hold your hand against the microphone capsule cover.

General Introduction

The BY-V4 series, the four-channel wireless microphone series, has four sound sources miked up simultaneously with ease. The kits can record multiple sound sources for 4-person performances, conferences, speeches, podcasts, vlogging, mobile journalism, and more.

The BY-V4 series comes with various configurations for you to choose from depending on your device interface. This manual is for all BY-V4 series packages. The BY-V4 package features a 3.5 mm TRS analog audio output for cameras, mixers, etc. The BY-V4U package features a USB-C digital audio output for USB-C smartphones, tablets, computers, and other mobile devices. The BY-V4D package features an iOS Lightning digital audio output for iOS Lightning smartphones, tablets, computers, and other mobile devices. In the BY-V4U package and the BY-V4D package, you can enable your mobile device's speaker without unplugging the receiver. Furthermore, the BY-V4 series operates on the 2.4 GHz spectrum and automatically hops to free channels to avoid static noise and audio dropouts.

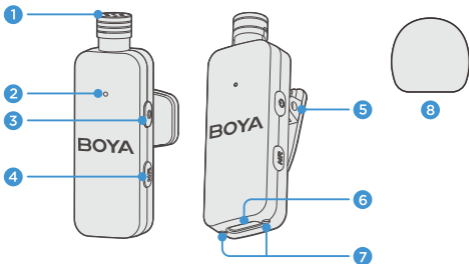
With a built-in omnidirectional microphone, each transmitter of the BY-V4 series features 360-degree sound pickup. It also boasts high-performance noise cancellation, which is available for improving the recording effect in a noisy environment.

Features

- Up to 200 meters of wireless transmission without obstacles
- High-performance noise cancellation algorithms - 48 kHz HD audio format retained
- Wide-range 20 - 20,000 Hz frequency response - deliver exceptional high-quality sound
- Up to 6 hours of operating time for a transmitter
- 3.5 mm TRS analog output, USB-C and iOS Lightning digital output – universal compatibility with cameras, smartphones and computers
- Enable the device's speaker without unplugging the receiver
- 360° rotating back clip on transmitter
- Charging case included - make the kit easy to carry on

Product Structure

Wireless Transmitter (BY-V4-TX)



① Built-in Microphone

② Indicator

Status	Indicator
Unpaired	Blinking blue and red alternately
Pairing	Blinking blue rapidly
Paired successfully	Static blue
Microphone muted	Blinking blue slowly
Noise cancellation enabled	Static green
Low battery	Blinking red
Charging (in shutdown mode)	Static red

Note:

- If charging the unit when it is ON, the indicator will display the current working status instead of charging status.
- Please charge the transmitter when the indicator indicates low battery status, or it will automatically shut off within 10 minutes.
- The noise cancellation feature cannot be enabled or disabled when the microphone is muted.

3 Power Button

- Press and hold for 2 seconds to power on or off.
- Press to mute or unmute the microphone.
- Press and hold for 5 seconds to enter pairing status in shutdown mode.

4 NR Button

Press to enable or disable the noise cancellation.

5 Belt Clip

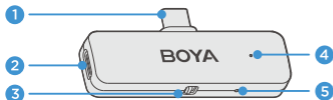
It can rotate 360 degrees.

6 USB-C Charging Port

For charging the transmitter.

7 Charging Contacts**8 Foam Windscreen**

USB-C Receiver (BY-V4-RXU)



1 USB-C Connector

It can be connected to a smartphone, tablet, computer, or other mobile device featuring a USB-C port.

2 USB-C Charging Port

When the receiver is plugged into an external device, the external device can be powered via this charging port.

3 Speaker Switch

Toggle to enable or disable the phone's speaker.

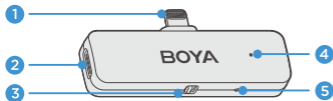
4 Status Indicator

Status	Indicator
Unpaired	Blinking blue slowly
Pairing	Blinking blue rapidly
Paired successfully	Static blue

5 Pair Pinhole

Insert the included pairing pin into the hole and press to enter the pairing status.

Lightning Receiver (BY-V4-RXD)



1 Lightning Connector

It can be connected to a smartphone, tablet, computer, or other mobile device featuring a Lightning port.

2 USB-C Charging Port

When the receiver is plugged into an external device, the external device can be powered via this charging port.

3 Speaker Switch

Toggle to enable or disable the phone's speaker.

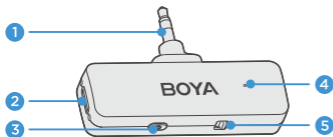
4 Status Indicator

Status	Indicator
Unpaired	Blinking blue slowly
Pairing	Blinking blue rapidly
Paired successfully	Static blue

5 Pair Pinhole

Insert the included pairing pin into the hole and press to enter the pairing status.

3.5 mm TRS Receiver (BY-V4-RX)



1 3.5 mm TRS Connector

It can be connected to a camera, voice recorder, or other mobile device featuring a 3.5 mm TRS port.

2 USB-C Charging Port

3 Power Button

- Press and hold for 2 seconds to power on or off.
- Press and hold for 5 seconds to enter pairing status in shutdown mode.

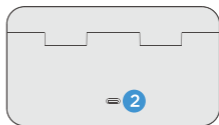
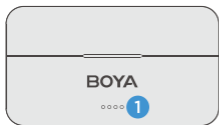
4 Status Indicator

Status	Indicator
Unpaired	Blinking blue and red alternately
Pairing	Blinking blue rapidly
Paired successfully	Static blue
Low battery	Blinking red
Charging (in shutdown mode)	Static red

5 2TX / 4TX Switch

Toggle it between 2TX and 4TX to pair the receiver with two transmitters (2TX) or four transmitters (4TX).

Charging Case (BY-V4-CC)



① Charging Indicator

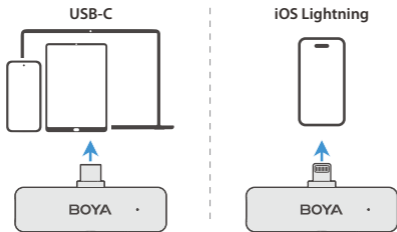
Status	Battery level	Indicator
Low battery	<10%	⦿ ● ● ● (⦿ 10s)
Charging	≤25%	⦿ ● ● ●
	26%~50%	● ⦿ ● ●
	51%~75%	● ● ⦿ ●
	76%~99%	● ● ● ⦿
Fully charged	100%	● ● ● ●

② USB-C Charging Port

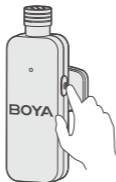
How to Use

For the BY-V4U or BY-V4D package

1. Connect the USB-C receiver to a smartphone, tablet, or computer that features a USB-C port, or connect the Lightning receiver to a device with a Lightning port.



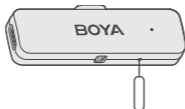
2. Press and hold the power buttons for 2 seconds to turn on the transmitter(s).







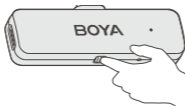
3. Pairing

The transmitter(s) and receiver are paired by default. If they are disconnected, please follow the below steps:

- ① To make the transmitter(s) enter the pairing state, press and hold its power button for 5 seconds in shutdown mode until its status indicator blinks blue rapidly.
- ② Then, insert the included pairing pin into the small pinhole on the USB-C or Lightning receiver and press once. The receiver will enter pairing mode and its indicator will blink blue quickly.
- ③ Transmitter(s) and receiver will be successfully paired within 10 seconds. Their status indicators glow static blue.



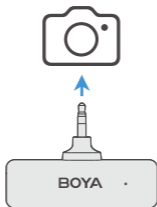
4. Launch a video or audio recording app. Then, select the external microphone, if applicable (app dependent).
5. It is recommended to record a sample and play it back to check if the audio level is acceptable before recording.
6. To improve the recording effect in a noisy environment, it is recommended that you press the NR button on the transmitter(s) to enable noise cancellation.
7. Slide    toward  on the receiver to enable the phone's speaker. Sound can be played directly without unplugging the receiver.



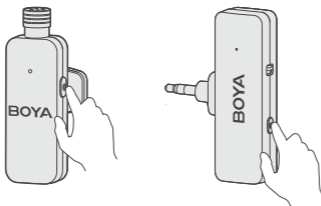
For the BY-V4 package

1. Attach the 3.5 mm TRS receiver to a camera or voice recorder, etc.

3.5 mm TRS



2. Press and hold the power buttons for 2 seconds to turn on the transmitter(s) and receiver.



3. Pairing

The transmitter(s) and receiver are paired by default. If they are disconnected, please follow the below steps:

- ① To make the transmitter(s) and receiver enter the pairing state, press and hold their power buttons for 5 seconds in shutdown mode until their status indicators blink blue rapidly.
- ② Transmitter(s) and receiver will be successfully paired within 10 seconds. Their status indicators glow static blue.
4. It is recommended to record a sample and play it back to check if the audio level is acceptable before recording.
5. To improve the recording effect in a noisy environment, it is recommended that you press the button on the transmitter(s) to enable noise cancellation.

NOTE:

- If you use the receiver with more than one transmitter, you will need to set up the receiver first and then pair the transmitters with it in turn.
- Due to 2.4 GHz wireless frequency, signal can be easily attenuated. Please try to avoid obstacles, such as walls and buildings, and avoid close proximity to devices with 2.4 GHz signal, such as high-power Wi-Fi antennas, radios, etc.

Troubleshooting

If you encounter problems when using the unit, please refer to the following checklist before contacting technical support. If the problem cannot be solved, please contact the dealer's after-sales service department.

No sound

- ① Make sure the transmitter and receiver are paired, and the receiver light glows static blue.
- ② Make sure the microphone is not currently muted. If the transmitter's indicator blinks blue slowly, press its power button to unmute the microphone.

Operating range is limited, sound changes, or noise appears

- ① Make sure there is no interference from high-power wireless routers or devices in your recording environment. If the recording environment can't be changed, you need to find the best distance and angle to record.
- ② Due to 2.4 GHz wireless frequency, signal can be easily attenuated. Please try to avoid obstacles, such as walls and buildings, and avoid close proximity to devices with 2.4 GHz signal, such as high-power Wi-Fi antennas, radios, etc.
- ③ Make sure the receiver is well connected to your device properly.

A unit doesn't power on

If the battery is completely depleted due to the unit has not been used for a long time, charge the unit.

The units automatically shut down

Both the transmitter and receiver will automatically power down after 10 minutes if they aren't paired.

The transmitter doesn't enter the pairing state

Turn off the transmitter, press and hold its power button for 5 seconds until its status indicator blinks blue rapidly to pair again.

Can't pair when four transmitters need to be paired with a receiver

- ① Make sure that the transmitters are paired with the receiver one by one, not at the same time. Only when a transmitter is paired with the receiver, can the second transmitter be paired with it.
- ② If a transmitter fails to be paired with a receiver, turn the transmitter off and press and hold its power button for 5 seconds to pair again.

Charging case can't charge the transmitter(s) or receiver

- ① If the remaining charge of the charging case is too low, please recharge the case. Try again.
- ② Wipe the charging contacts on the transmitter(s), receiver, and charging pins in the case with a clean cloth. Make sure there is no dirt covering them.
- ③ If the touch points are not firmly connected due to a lack of magnetic force, please contact BOYA after-sales support.

The indicator doesn't display charge status

Only if the transmitter and receiver are turned off, do their indicators display the charge status while charging.

Specifications

BY-V4-TX Transmitter

Transmission Type	2.4 GHz
Modulation	GFSK
Polar Pattern	Omnidirectional
Antenna	Ceramic antenna
Operating Range	200 m (without obstacles)
Distortion	≤0.1%
Frequency Response	20 Hz - 20 kHz
Sensitivity	-42 dB
RF Output Power	≤10 dBm
Sampling Rate	48 kHz
Reference Audio Input Level	-20 to -42 dBu (MIC input, 0 dB Gain)
Signal-to-Noise Ratio	85 dB
Audio Input	Built-in capsule
Battery Voltage/ Capacity	3.7 V / 95 mAh
Power Supply	Built-in Li-ion battery
Battery Life	Approx. 6 hours
Charging Time	Approx. 2 hours
Weight	Approx. 11 g
Dimensions	53.1 × 18.3 × 10.2 mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

BY-V4-RXU / RXD Receiver

Transmission Type	2.4 GHz
Modulation	GFSK
Polar Pattern	Omnidirectional
Antenna	Ceramic antenna
Operating Range	200 m (without obstacles)
Signal-to-Noise Ratio	85 dB
RF Output Power	≤10 dBm
Distortion	≤0.1%
Frequency Response	20 Hz - 20 kHz
Power Supply	Powered by an external device
Audio Output	RXU: USB-C RXD: Lightning
Weight	RXU : Approx. 9 g RXD : Approx. 9 g
Dimensions	RXU: 62.5 x 18.3 x 10.2 mm RXD: 62.5 x 18.3 x 10.2 mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

BY-V4-RX Receiver

Transmission Type	2.4 GHz
Modulation	GFSK
Polar Pattern	Omnidirectional
Antenna	Ceramic antenna
Operating Range	200 m (without obstacles)
Signal-to-Noise Ratio	85 dB
RF Output Power	≤10 dBm
Distortion	≤0.1%
Frequency Response	20 Hz - 20 kHz
Power Supply	Built-in Li-ion battery
Battery Capacity	260 mAh
Battery Life	Approx. 10 hours (2 TX mode) Approx. 6 hours (4 TX mode)
Charging Time	Approx. 2 hours
Audio Output	3.5 mm TRS
Weight	Approx.16 g
Dimensions	62.5 × 29.4 × 13.5 mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

BY-V4-CC Charging Case

Battery Type	Built-in Li-ion battery
Battery Capacity	3.7 V / 1500 mAh
Charging Time	Approx. 2 hours
Power Supply	USB-C (DC 5 V / 2 A)
Charge Cycle Times	1 time (4*TX+1*RX) 2 times (4*TX)
Weight	Approx. 160 g
Dimensions	143.6 x 35.5 x 80.5 mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

In the Box

BY-V4U

BY-V4-TX Transmitter × 4
BY-V4-RXU USB-C Receiver × 1
Charging Case × 1
USB-A to USB-C Data Cable × 1
Pairing Pin × 1
Sticker Sheet × 1

BY-V4D

BY-V4-TX Transmitter × 4
BY-V4-RXD iOS Lightning Receiver × 1
Charging Case × 1
USB-A to USB-C Data Cable × 1
Pairing Pin × 1
Sticker Sheet × 1

BY-V4

BY-V4-TX Transmitter × 4
BY-V4-RX 3.5 mm TRS Receiver × 1
Charging Case × 1
USB-A to USB-C Data Cable × 1
Sticker Sheet × 1

声明

请在使用前仔细阅读本手册，并严格按照说明进行操作和存储。请妥善保存好说明书以供将来参考。如果用户手册不能帮助您解决某些问题，请向零售商寻求帮助或给我们发送电子邮件：

support@boya-mic.com

注意事项

1. 请勿擅自拆开机壳；
2. 请勿将本机靠近热源，如散热器、聚光灯或其他产生热量的设备；
3. 电池不可自行更换；
4. 请使用柔软的干布清洁本设备；
5. 在使用和储存时，请注意防尘和防潮。
6. 为获得最佳拾音效果，请勿将手放在麦克风咪头上。

概述

BY-V4 系列是一款四通道无线麦克风系统，支持对四个声音源同时进行录制，能够满足需要多个声音源的活动需求，适用于多人表演、会议、演讲、播客、Vlog 拍摄、街头采访等场景。

BY-V4 系列预设多种配置，包括 BY-V4、BY-V4U、BY-V4D 套装。BY-V4 支持 3.5 mm TRS 模拟音频输出，兼容相机、混音器等设备；BY-V4U 支持 USB-C 数字音频输出，适用于含 USB-C 接口的智能手机、平板、电脑等设备；BY-V4D 支持 iOS Lightning 数字音频输出，适用于含 iOS Lightning 接口的智能手机、平板、电脑等设备。其中，BY-V4U、BY-V4D 的接收器支持外放功能。BY-V4 系列所使用的是抗干扰 2.4 GHz 频段，遇到干扰情况下能自动跳转频道避免噪音产生以及音频失真。

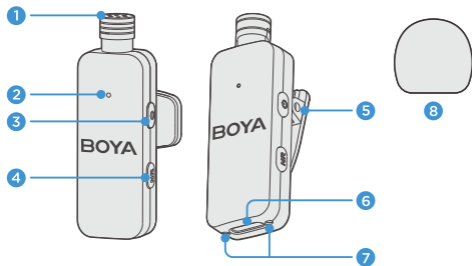
BY-V4 系列各套装内的发射器内置全向型麦克风，能够 360° 拾音，且具有高性能降噪功能，可从容应对嘈杂的录音环境。充电盒可提供移动电源，便于出行携带。

特点

- 无线传输距离达 200 米（无障碍）
- 自研高性能降噪算法，且支持 48 kHz 高清音频格式
- 20 – 20,000 Hz 频响范围，高品质还原真实声音
- 发射器支持 6 小时单次超长续航
- USB-C、iOS Lightning、3.5 mm TRS 数字输出 —— 广泛兼容相机、手机、电脑等
- 接收器支持连接手机时直接外放音频
- 发射器背夹可 360° 旋转
- 配套充电盒，便于出行携带

产品结构

发射器 (BY-V4-TX)



① 内置麦克风

② 状态指示灯

状态	指示灯
未联机	红蓝灯交替闪烁
对码中	蓝灯快闪
联机成功	蓝灯常亮
静音模式	蓝灯慢闪
降噪开启	绿灯常亮
低电量	红灯闪烁
关机充电中	红灯常亮

注意：

- 1) 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) 发射器处于低电量时请及时充电，否则发射器将在 10 分钟内自动关机；
- 3) 静音模式下无法开启或关闭降噪功能。

③ 电源键

长按 2 秒开/关机；短按开启/关闭静音模式。
关机状态下长按 5 秒进入对码状态。

④ 降噪键

短按开启/关闭降噪功能。

⑤ 背夹

可 360° 旋转。

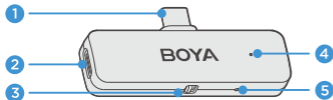
⑥ USB-C 充电口

用于给发射器充电。

⑦ 充电触点

⑧ 防风海绵

USB-C 接收器 (BY-V4-RXU)



① USB-C 接头

可连接至带 USB-C 接口的手机、平板或电脑等设备。

② USB-C 充电孔

当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。

③ 外放开关

向左拨动开启手机外放声音，向右拨动关闭手机外放声音。

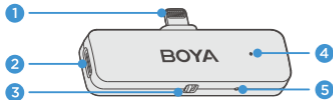
④ 状态指示灯

状态	指示灯
未联机	蓝灯慢闪
对码中	蓝灯快闪
联机成功	蓝灯常亮

⑤ 对码孔

使用随附的顶针插入对码孔并按下以进入配对模式。

Lightning 接收器 (BY-V4-RXD)



❶ Lightning 接头

可连接至带 Lightning 接口的手机、平板或电脑等设备。

❷ USB-C 充电孔

当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。

❸ 外放开关

向左拨动开启手机外放声音，向右拨动关闭手机外放声音。

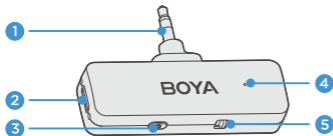
❹ 状态指示灯

状态	指示灯
未联机	蓝灯慢闪
对码中	蓝灯快闪
联机成功	蓝灯常亮

❺ 对码孔

使用随附的顶针插入对码孔并按下以进入配对模式。

3.5 mm TRS接收器 (BY-V4-RX)



❶ 3.5 mm TRS接头

可连接至带 3.5 mm TRS 接口的相机、录音笔等设备。

❷ USB-C充电孔

❸ 电源键

长按 2 秒开机/关机。关机状态下长按 5 秒进入对码状态。

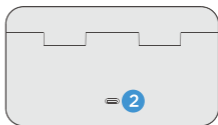
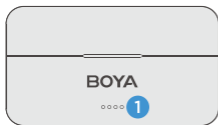
❹ 状态指示灯

状态	指示灯
未联机	红蓝灯交替闪烁
对码中	蓝灯快闪
联机成功	蓝灯常亮
低电量	红灯闪烁
关机充电中	红灯常亮

❺ 2TX / 4TX切换键

拨动此键选择将该接收器与1~2个发射器 (2TX) 或1~4个发射器 (4TX) 配对。

充电盒 (BY-V4-CC)



① 充电指示灯

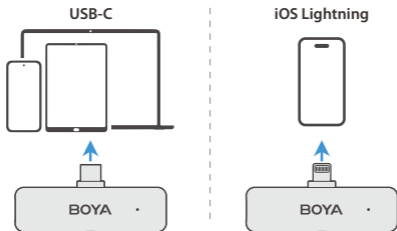
状态	电量	指示灯
低电量提示	< 10%	● ● ● ● (● 10s)
充电中	≤25%	● ● ● ●
	26%~50%	● ● ● ●
	51%~75%	● ● ● ●
	76%~99%	● ● ● ●
充满电	100%	● ● ● ●

② USB-C充电接口

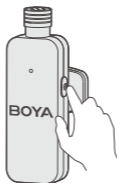
使用方法

BY-V4U / V4D 套装

1. 将 USB-C 接收器插入带 USB-C 接口的手机、平板、电脑等移动设备，或将带 Lightning 接收器后插入带 Lightning 接口的手机、平板、电脑等移动设备。



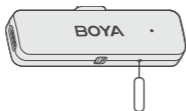
2. 长按电源键 2 秒，将发射器开机。







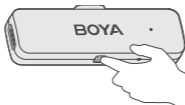
3. 配对

发射器和接收器出厂前已配对成功。若其断开连接，请进行如下配对操作：

- ① 在发射器关机状态下长按其电源键 5 秒进入配对状态，待指示灯呈蓝灯快闪时松手。
- ② 将对码顶针插入接收器对码孔内并按下，接收器进入配对状态，其指示灯呈蓝灯快闪。
- ③ 发射器和接收器将在 10 秒内完成配对，发射器与接收器的指示灯均呈蓝灯常亮。



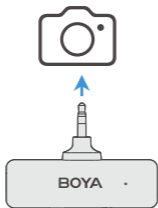
4. 启动视频或音频录制应用程序；若应用程序适用，请选择外置麦克风。
5. 建议在正式录音前做个简短的录音测试，检查音频水平是否可以接受。
6. 若录音环境嘈杂，还可以短按发射器降噪键开启降噪模式，提高录制效果。
7. 将接收器此键    拨至  可开启外放功能，无需拔掉接收器即可直接外放手机音频。



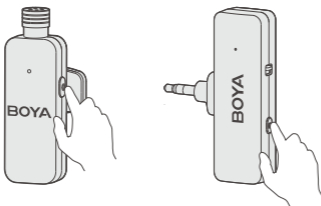
BY-V4套装

1. 将 3.5 mm TRS 接收器插入相机、录音笔等设备。

3.5 mm TRS



2. 长按电源键 2 秒，将发射器、接收器开机。



3. 配对

发射器和接收器出厂前已配对成功。若其断开连接，请进行如下配对操作：

- ① 在发射器和接收器关机状态下长按其电源键 5 秒进入配对状态，待指示灯呈蓝灯快闪时松手。
- ② 发射器和接收器将在 10 秒内完成配对，发射器与接收器的指示灯均呈蓝灯常亮。
4. 建议在正式录音前做个简短的录音测试，检查音频水平是否可以接受。
5. 若录音环境嘈杂，还可以短按发射器降噪键开启降噪模式，提高录制效果。
6. 录制结束后，可将发射器/接收器放入充电盒中进行充电。

注意：

- 当接收器需要与多个发射器一起使用时，请先操作接收器进入对码状态，再操作发射器依次进入对码状态即可。
- 由于在 2.4 GHz 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 2.4 GHz 频率的设备，如大功率 Wi-Fi 天线、收音机等。

故障排除

在使用本机的过程中出现任何问题，请参照以下内容加以解决。如果此手册仍然无法解决您遇到的问题，请与我们当地的经销商售后服务部联系。

录音音频无声

- ① 确保发射器已与接收器成功联机，接收器指示灯呈蓝灯常亮，若未联机则需要操作对码功能。
- ② 确保发射器当前未处于静音状态。若发射器指示灯呈蓝灯慢闪，则需要短按发射器电源键解除静音。

使用距离受限、出现变音和噪音

- ① 确保当前使用环境中没有大功率无线路由器或无线设备干扰。若无法避免，则需要找到合适的距离和角度。
- ② 由于在 2.4 GHz 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 2.4 GHz 频率的设备，如大功率 WiFi 天线、收音机等。
- ③ 检查接收器是否有松动，将接收器拔出后重新插入。

无法开机

确认是否因为太长时间未使用而导致电池没电。请为产品充电。

自动关机

发射器和接收器若在开机后 10 分钟内未联机，则自动关机。

发射器无法进入对码联机

确保发射器处于关机状态，长按其电源键 5 秒以上直至开机且指示灯呈蓝灯快闪时再松开，否则无法进入配对状态。

一拖四时无法对码联机

- ① 对码需逐一进行,暂不支持多台发射器同时对码。接收器与第一台发射器对码成功后,再操作第二台发射器与之对码。
- ② 若出现了发射器对码不成功的情况,则需将发射器关机后,再次长按其电源键 5 秒与接收器进行对码。

放入充电盒无法充电

- ① 将充电盒进行充电,查看是否电量过低引起。
- ② 擦拭产品和充电盒的触点,避免由灰尘引起的接触不良。
- ③ 检查产品放入充电盒是否有吸力吸附,若无吸力需联系售后协助处理。

指示灯不显示充电状态

检查发射器和接收器是否处于开机状态。产品只有在关机状态下充电时才显示充电灯效。

参数

BY-V4-TX发射器

传输方式	2.4 GHz
信号调制	高斯频移键控
极性模式	全向型
天线类型	陶瓷天线
操作距离	200 米 (无障碍)
射频输出功率	≤10 dBm
失真	≤0.1%
频率响应	20 Hz – 20 kHz
灵敏度	-42 dB
参考音频输入电平	-20 至 -42 dBu (MIC输入, 0 dB增益)
采样率	48 kHz
信噪比	85 dB
音频输入	内置咪头
内置电池容量	3.7 V / 95 mAh
供电方式	内置锂电池供电
续航时长	约 6 小时
充电时长	约 2 小时
重量	约 11 g
尺寸	53.1 x 18.3 x 10.2 mm
工作温度	0°C 至 50°C
贮存温度	-20°C 至 55°C

BY-V4-RXU / RXD接收器

传输方式	2.4 GHz
信号调制	GFSK
极性模式	全向型
天线类型	陶瓷天线
操作距离	最远至 200 米 (无障碍)
射频输出功率	≤10 dBm
失真	≤0.1%
频率响应	20 Hz – 20 kHz
信噪比	85 dB
音频输出	RXU: USB-C RXD: Lightning
供电方式	外接设备供电
重量	RXU: 9 g RXD: 9 g
尺寸	RXU: 62.5 x 18.3 x 10.2 mm RXD: 62.5 x 18.3 x 10.2 mm
工作温度	0°C 至 50°C
贮存温度	-20°C 至 55°C

BY-V4-RX 接收器

传输方式	2.4 GHz
信号调制	GFSK
极性模式	全向型
天线类型	陶瓷天线
操作距离	最远至 200 米 (无障碍)
射频输出功率	≤10 dBm
失真	≤0.1%
频率响应	20 Hz – 20 kHz
信噪比	85 dB
电池容量	260 mAh
续航时长	2 TX 模式约 10 小时; 4 TX 模式约 6小时
充电时长	约 2 小时
音频输出	3.5 mm TRS
供电方式	内置锂电池供电
重量	16 g
尺寸	62.5 × 29.4 × 13.5 mm
工作温度	0°C 至 50°C
贮存温度	-20°C 至 55°C

BY-V4-CC充电盒

电池类型	内置锂电池
内置电池容量	3.7 V / 1500 mAh
充电时长	约 2 小时
供电方式	USB-C 充电口 (直流电 5 V / 2 A)
可供循环充电次数	1 次 (4*TX+1*RX) 2 次 (4*TX)
重量	约 160 g
尺寸	143.6 × 35.5 × 80.5 mm
工作温度	0°C 至 50°C
贮存温度	-20°C 至 55°C

包装清单

BY-V4U

BY-V4-TX 发射器 × 4
BY-V4-RXU USB-C 接收器 × 1
充电盒 × 1
USB-A 转 USB-C 数据线 × 1
对码顶针 × 1
贴纸 × 1

BY-V4D

BY-V4-TX 发射器 × 4
BY-V4-RXD iOS Lightning 接收器 × 1
充电盒 × 1
USB-A 转 USB-C 数据线 × 1
对码顶针 × 1
贴纸 × 1

BY-V4

BY-V4-TX 发射器 × 4
BY-V4-RX 3.5 mm TRS 接收器 × 1
充电盒 × 1
USB-A 转 USB-C 数据线 × 1
贴纸 × 1

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