

USER MANUAL

WIRELESS SYSTEM

Preface

Thank you for purchasing our Wireless System. This product is develop for the electric instruments. This product is provided with low noise, low delay, long battery life, high quality resolution and long-distance transmission. I hope you'll love it!

Attentions

Power supply

This product has a built-in battery, we provide a charging USB cable for charging BOX, you can use the BOX to charge the Transmitter and Receiver. Make sure that the Transmitter and Receiver are shut down when charging, to avoid the damage of battery. Please turn off the device when you are not using it, otherwise it will continue to consume the battery.

Connection

Please turn off the power of the related equipments when connecting or disconnecting with the Wireless System. It will help to prevent the damage cause to this product and other related equipments.

Interference

Operation is subject to the two following conditions:

- (1) this device may not cause harmful interference;
- (2) this device must accept any interference received, including the interference that may cause undesired operation.

Warning

To reduce the risk of fire of electric shock, please do not expose appliance to rain or moisture.

Features

- 2.4GHz wireless transmission, 24bit/48KHz sample rate.
- Delay: <6.7ms.
- 25 meters effective outdoor distance or 15 meters distance to through the wall.
- Dynamic range: >105dB.
- Frequency response: 20~20KHz, +1dB/-3dB.
- Battery Model/Type TX/RX: 502540/602040.
- Battery capacity TX/RX: 550mAh/450mAh.
- Battery Nominal Voltage: 3.7V.
- We support 3.5mm and 6.35mm plug, 190° rotating device, it is available for most of the electric instruments.
- You can use 4 groups of equipments at the same time.
- The way of power supply: you can use the USB cable to charge the BOX; Transmitter and Receiver can be charged in the BOX, also can use the USB cable to charge them.
- It can be used for 6 hours after Transmitter and Receiver fully charged. When the Transmitter and Receiver running low, you can use the BOX to charge them fully, you can do it twice. Therefore, the products can use outdoor for 18 hours.

Product Introduction

Charging BOX:

The product provides you a charging BOX, the Transmitter and Receiver can be charged in the BOX, so you can use the product outdoors for a longer time. It is a very convenient storage box too.

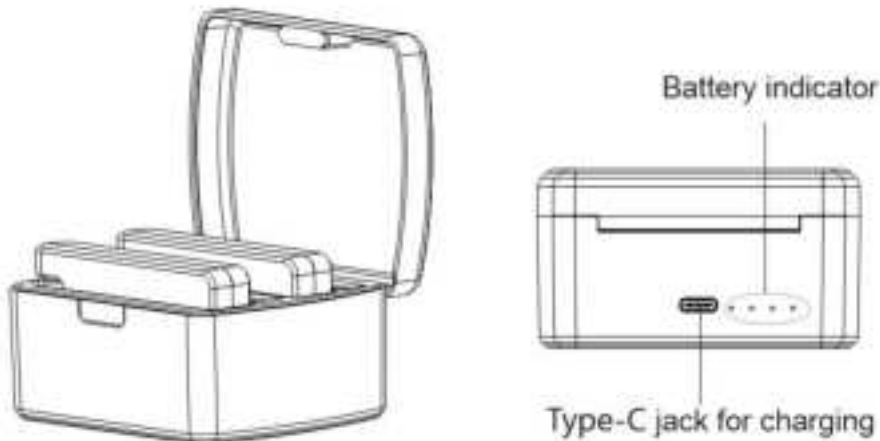
When the Transmitter and Receiver running low, you can use the BOX to charge them fully, you can do it twice. Therefore, the total outdoor use time of the product can be increased by 12 hours.

You can use the external 5V adapter to plug into the Type-C jack, so you are charging the Box, at this time, the Battery Indicator will show the amount of power left in the Box. During the charging process, one of the lights of Battery Indicator will flashing until this grid is fully charged. After fully charging, 4 grids of Battery Indicator will lighting on at same time.

When the Transmitter or Receiver are put into the Box to get power, the Battery Indicator will also show the amount of power left in the Box. In this time, Battery Indicator is lighting up, it indicating that the Box is working now, the box is charging the Transmitter or Receiver successfully.

When the Transmitter and Receiver are fully charged in the Box, the Battery indicator of the Box will automatically go off, indicating that the Box will not continue to power the Transmitter or Receiver.

When the battery of the Box is exhausted, if you use a 5V 2A adapter to charge the BOX, it will be full after charging for about 120 minutes.



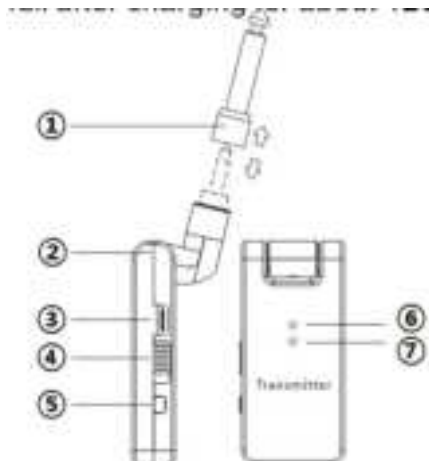
Battery indicator

Type-C jack for charging

Product Introduction

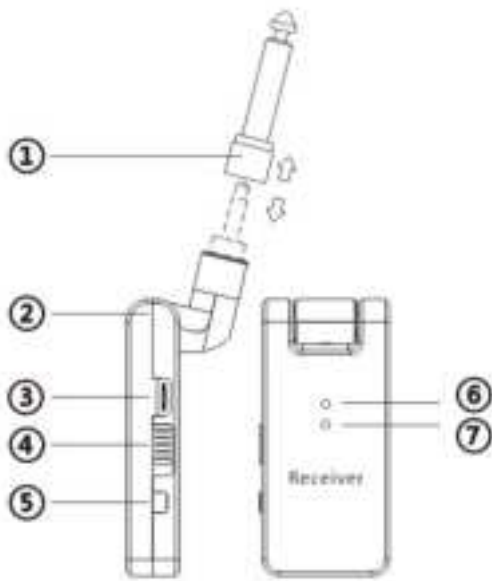
Transmitter:

- ①Signal in, connect to electric instrument, guitar, bass, electric saxophone, etc.
- ②190° rotating device, it is available for most of the music instruments.
- ③Type-C jack for charging.
- ④Power switch.
- ⑤Pairing button: press and hold this button to pair.
- ⑥Pairing indicator: flashing slowly means not paired; flashing quickly means pairing; when indicator lighting on means it had been paired.
- ⑦Battery indicator: when the indicator is on in red, it means that the battery is running low or the device is on charging; When the indicator light is off, it means that the device has been fully charged. Besides, the indicator will turn off at other times. When the power of the Receiver is exhausted, it can be put into the box for charging. Transmitter will be full after charging for about 120 minutes.



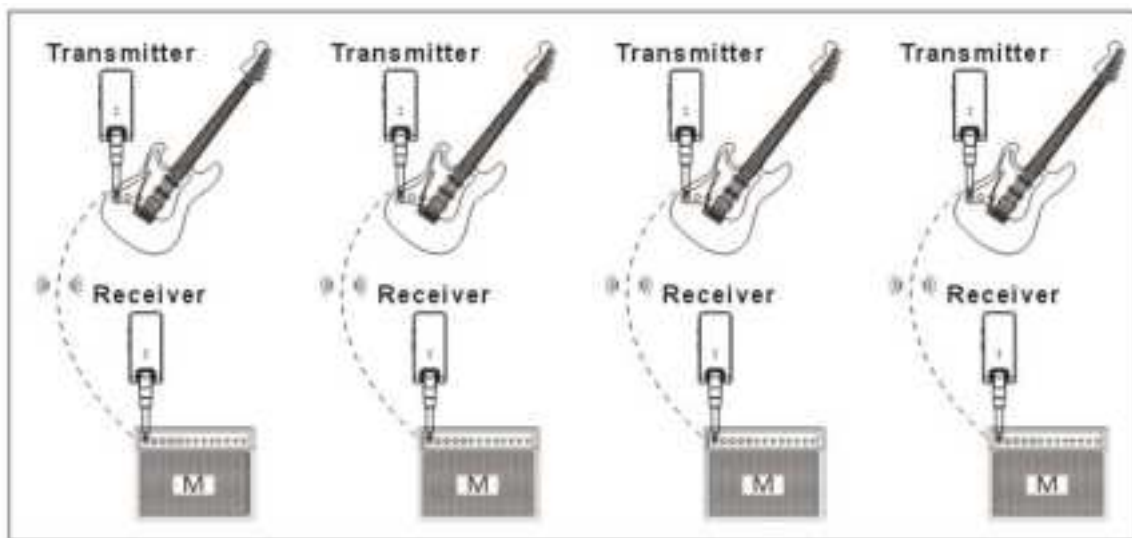
Product Introduction

- ①Connect to the speaker.
- ②190° rotating device, it is available for most of the speakers.
- ③Type-C jack for charging.
- ④Power switch.
- ⑤Pairing button:press and hold this button to pair.
- ⑥Pairing indicator: flashing slowly means not paired; flashing quickly means pairing; when indicator lighting on means it had been paired.
- ⑦Battery indicator: when the indicator is on in red, it means that the battery is running low or the device is on charging; When the indicator light is off, it means that the device has been fully charged. Besides, the indicator will turn off at other times. When the power of the Receiver is exhausted, it can be put into the box for charging. Transmitter will be full after charging for about 120 minutes.



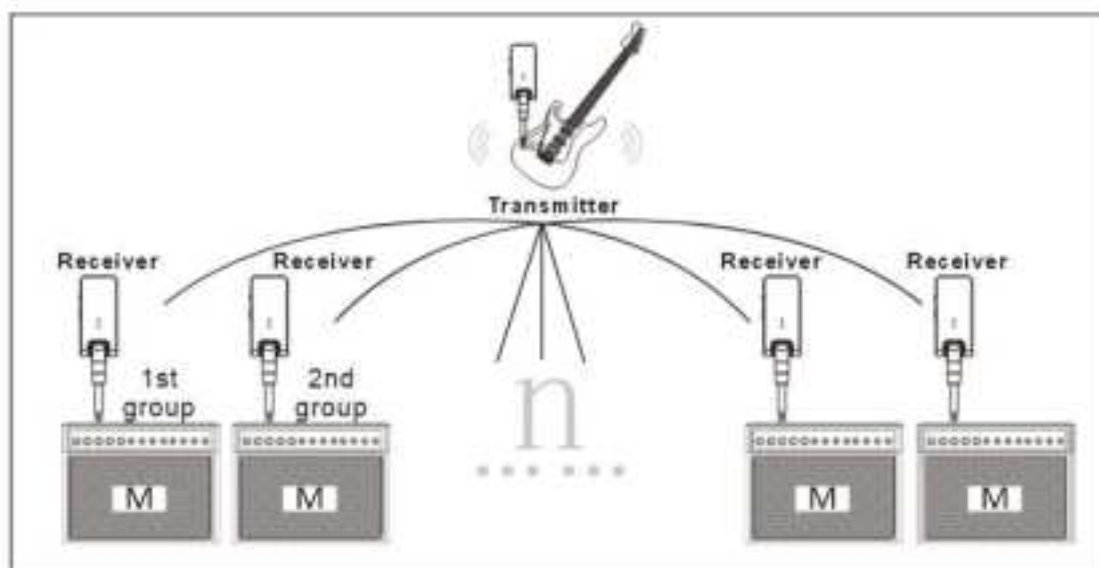
Direction for use

1. When Transmitter or Receiver did not plug in power supply, the battery indicator is lighting on red, it means that the battery running low, you need to charge it before using .
2. After the first pairing is complete, the Transmitter and Receiver are automatically paired each time the machine is switched on. If no automatic pairing succeeds after startup, please perform manual pairing as follows: Press and hold the pairing buttons of Receiver and Transmitter at the same time for 3 seconds, then release the buttons, they will pair now.
3. When multiple devices are used at the same time:
 - (1) 4 Transmitters and 4 Receivers can working simultaneously in the same environment.



Direction for use

(2) We can use one Transmitter to send signal to multiple Receivers, let's try to do it now. At first, turn on all the Receivers, press and hold the pairing buttons at the same time, so all the pairing indicators of Receivers will flashing quickly at same time, then turn on the one Transmitter, press and hold the pairing button for 3 seconds. Finally, all the pairing indicators will lighting on green, it means all the products are in pairing.



FAQ

1. Q: The device can not turn on.

A: If the device is not used for a long time or when the battery is low, the power is not charged in time, will cause the battery to enter the protection mode, and it is necessary to charge the battery to activate the battery.

2. Q: The device can be turned on, but there is no sound at all.

A: Check if the WIRELESS SYSTEM is in pairing now, if the pairing indicator flashing, you need to re-pair the Transmitter and Receiver.

3. Q: Strange noise when using.

A:

a. There may be strong electrical interference, or the transmission distance is too far, or the transmission obstacle is too much. Please minimize the transmission distance, or stay away from electrical interference.

b. When the battery of instrument or WIRELESS SYSTEM run low, it will cause the noise. Please check your device.

c. Check if the speaker has a secure connection ground, such as no land, is likely to be a current noise.

4. Q: The device is not charging properly.

A:

a. The battery will enter the protection status when it is in a low power state, so it is necessary to charge at least

for 10 minutes. Can start the battery.

b. Check if the charging cable is working properly.

c. Check if the charging jack of this device is damaged.

5. Q: Can I use a Transmitter, multiple Receivers?

A: Yes, let all the Receivers enters the pairing state, then let the Transmitter enter the pairing state. Complete the pairing.

6. Q: Can I use multiple Transmitters, one Receiver?

A: Not support.

7. Q: When using, the power consumption of the Transmitter is especially fast, is it normal?

A: It is normal, the Transmitter is use to transmit signal to the Receiver, so that the amount of work is high. The Receiver is only accepts the signal, so the amount of power consumed is not equal.

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.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

WIRELESS SYSTEM

无线传输系统

用户说明书

Preface / 前言

感谢您购买这款无线传输系统。此产品是一款为电声乐器无线连接而研发的设备。我们尽了最大的努力为您呈现这款低噪音，低延迟，强续航，并拥有高品质分辨率和长距离传输的无线系统。希望您会喜欢它！

Attention / 注意事项

电源供应：

此产品内置锂电池，我们为充电盒提供了专用充电线，充电盒可为接收端和发射端进行充电，接收端和发射端进行充电时请确保设备为关机状态，以避免导致电池寿命缩短。在不使用无线设备时请关机，否则电量会持续消耗。

连接：

当该无线设备连接音箱等设备或断开连接前，请务必先关闭其他相关设备的电源，这将有助于避免设备故障和损害其他设备。

干扰：

在无线系统的实际操作中，将受到以下两种条件的影响：

- (1) 该设备并不会引致有害的电磁干扰；
- (2) 该设备的使用是必然需要接收到电磁波信号，包括在不必要的操作中产生。

警告：

为了减少触电或者火灾等风险发生，请不要在下雨潮湿环境下暴露该设备。

Features / 产品特征

- 2.4GHz 无线传输频段，24bit/48KHz 采样率。
- 延迟：<6.7ms。
- 有效范围：≤25 米户外传输距离或者 15 米穿墙距离。
- 动态范围：>105dB。
- 频率响应：20~20KHz, +1dB/-3dB。
- 电池型号规格 TX/RX：502540/602040。
- 电池容量 TX/RX：550mAh/450mAh。
- 电池标称电压：3.7V。
- 提供 3.5mm 和 6.35mm 插头，可 190° 旋转，适用于大部分电声器。
- 可支持 4 组设备同时工作。
- 充电方式：充电盒支持 USB 线充电；接收器与发射器可通过充电盒充电，也可支持 USB 线充电。
- 使用时长：满电状态的接收端和发射端持续使用可达 6 小时，充电盒可供发射端和接收端再充电 2 次，因此，产品的户外使用总时长可达 18 小时。

Product Introduction / 产品介绍

充电盒子：

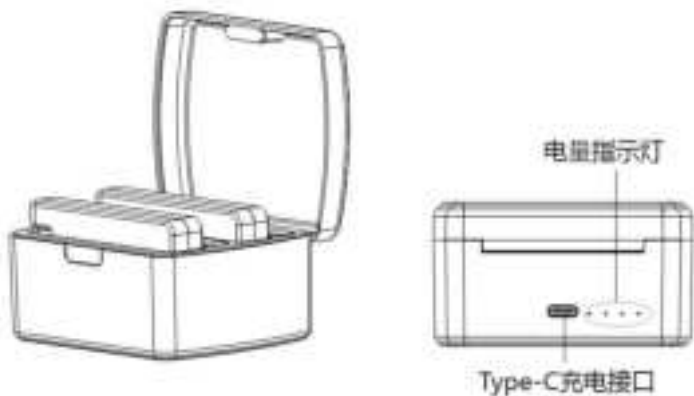
本产品标配一个充电盒子，用于延长产品的户外使用时间，也让充电变得更便捷，收纳便捷性更好。您只需要把接收端和发射端按照正确的方法放入盒子，盒子自动为接收端和发射端进行充电。充电盒在满电状态时候，可供发射端和接收端再充电 2 次，因此，产品的户外使用总时长可增加 12 小时。

当您使用外界充电器插入盒子的充电接口，给盒子进行补电的时候，指示灯会显示目前盒子的所剩电量，充电过程中其中一颗灯会持续闪烁，直至此格电量被充满。当盒子持续充电达到满电状态后，盒子的 4 颗灯都持续亮起。

当发射器或者接收器处于非满电状态时，放入盒子进行取电，此时盒子的指示灯也会显示目前盒子的所剩电量。在这种情况下盒子的电量指示灯持续亮起，代表目前盒子处于工作状态，盒子成功为发射器或者接收器进行充电。

当发射器和接收器在盒子里充满电后，盒子的充电指示灯会自动熄灭，代表盒子不再继续为发射器或者接收器供电，目前盒子休息状态，盒子只作为收纳盒的功能。

当盒子电量耗尽后，若使用 5V 2A 的充电器进行充电，充电 120 分钟即可充满。



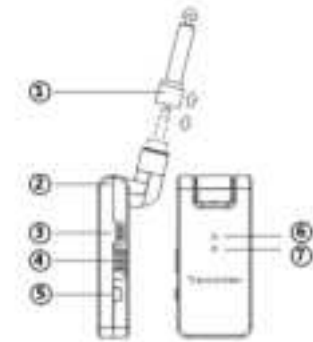
电量指示灯

Type-C 充电接口

Product Introduction / 产品介绍

Transmitter / 发射器

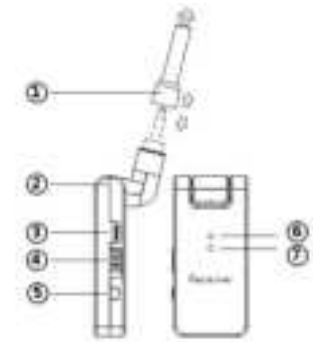
- ①输入信号，可接上乐器、吉他、贝斯、电萨克斯等等。
- ②190° 可旋转装置。
- ③Type-C 充电接口。
- ④电源：打开或关闭设备。
- ⑤配对按键：长按按键进入配对状态。
- ⑥配对指示灯：当未配对时是慢闪，正在配对时是快闪，配对成功后长亮。
- ⑦电量指示灯：电量不足亮红灯，充电时也亮红灯，已经充满时灯熄灭，其他状态下灯也熄灭。当发射器电量耗尽后，可放入盒子进行补电，充电 120 分钟左右即可充满。



Product Introduction / 产品介绍

Receiver/ 接收器

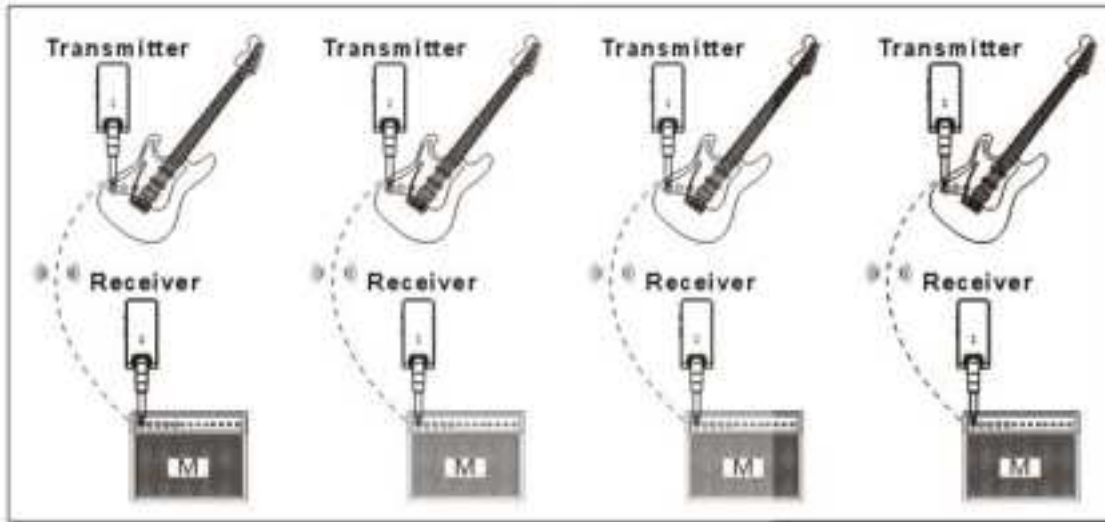
- ①连接音箱。
- ②190° 可旋转装置。
- ③Type-C 充电接口。
- ④电源：打开或关闭设备。
- ⑤配对按键：长按按键进入配对状态。
- ⑥配对指示灯：当未配对时是慢闪，正在配对时是快闪，配对成功后长亮。
- ⑦电量指示灯：电量不足亮红灯，充电时也亮红灯，已经充满时灯熄灭，其他状态下灯也熄灭。当接收器电量耗尽后，可放入盒子进行补电，充电 120 分钟左右即可充满。



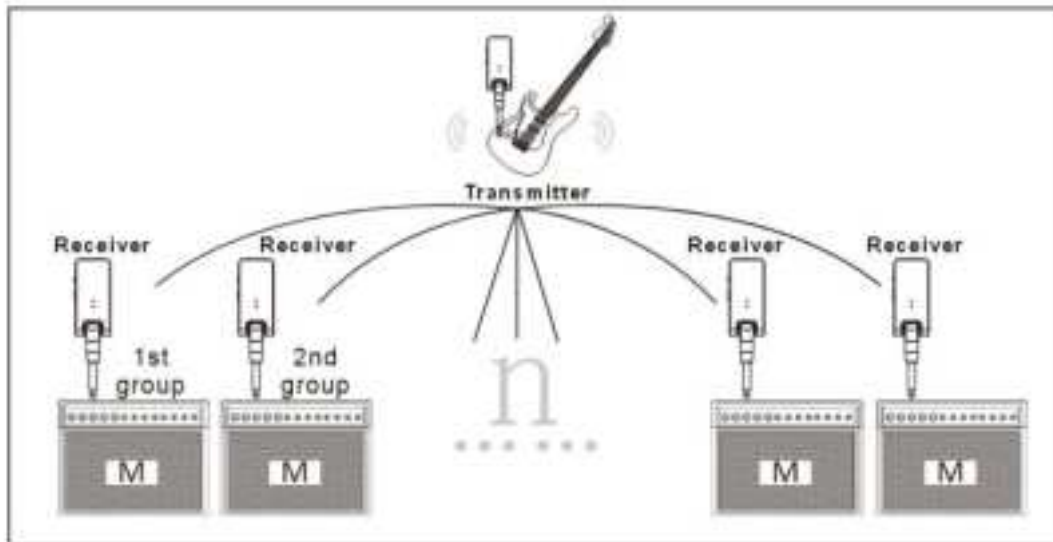
Direction for use / 操作指南

1. 当发射器或接收器在未插充电器的情况下，电量指示灯亮红灯，说明产品电量不足，需充电后方可继续使用。
2. 在首次配对完成后，之后每次 Transmitter 和 Receiver 开机时会自动配对。如果开机后没有自动配对成功，请按照以下方法进行手动配对：同时按住 Transmitter 和 Receiver 的配对按键持续 3 秒，松开按钮后，机器即可配对成功。
3. 关于多个设备同时使用的操作示意图。

(1) 4 个发射器和 4 个接收器在相同的环境下同时工作：



(2) 一个发射器发送信号到多个接收器上，配对方法为：先把多个接收器开机，多个接收器同时长按配对按键，多个接收器的配对指示灯同时快闪，然后让一个发射器开机，长按发射器的配对键，即可让一个发射器与多个接收器进行配对连接。所有产品的配对指示灯都显示长亮，即配对成功。



FAQ / 常见问题

1. 问：设备无法正常开机。

答：如果设备长时间未使用，或电池电量不足时断电却未及时充电，则会导致电池进入保护模式，需要给电池充电以激活电池。

2. 问：设备可以开机，但不能使用，根本没有声音？

答：请检查配对指示灯，如果指示灯正在闪烁，则需要重新配对发射器和接收器后才能正常使用。

3. 问：使用时发出奇怪的噪音？

答：

a. 可能有很强的电磁干扰、传输距离太远、传输障碍物太多，请尽量缩短传输距离，或远离电磁波干扰。

b. 乐器本身供电不足时或者无线系统电量不足时都有可能产生底噪，请自检使用设备。

c. 检查音箱是否有安全连接地线，如无接地线，则有可能是电流底噪。

4. 问：设备无法正常充电？

答：

a. 锂电池长时间处于低电量状态时会进入保护状态，因此需要充电 10 分钟才能启动电池。

b. 检查充电线是否正常工作。

c. 检查本设备充电接口是否有损坏。

5. 问：可以在同一环境下同时使用 1 台发射器，多台接收器吗？

答：可以，配对时先让所有接收器进入配对状态，再让发射器进入配对状态，完成配对后即可使用。

6. 问：可以在同一环境下支持同时使用多台发射器，1 台接收器吗？

答：不可以。

7. 问：使用时，发射器的耗电特别快，是正常的吗？

答：是正常现象，发射器在一直发射信号给接收器，工作量大，所以耗电快，接收器只接收信号，所以消耗的电量不是相等的。

修订

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