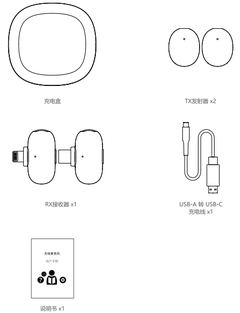
# 无线麦克风

# 用户手册

## 包装内容：




## 技术参数：

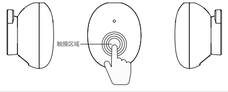
| | |
|---|---|
| 无线频率范围 | 2402-2480MHz |
| 调制范围 | GFSK |
| 音频频率范围 | 20Hz-20KHz |
| 音频延迟 | ≤25MS |
| 无线发射功率 | ≤10dBm |
| 整机工作电流 | ≤30MA |
| 信噪比 | ≥80dB |
| 麦克风类型 | 全指向麦克风 |
| 内置电池 | TX发射器 - 70mAh，充电盒 - 400mAh |
| 充电输入 | TX发射器 - DC 5V/55mA；充电盒 - DC 5V/310mA |
| 电源管理 | TX发射器无连接超过5分钟后自动关机 |
| 充电时间 | TX发射器约1.5小时, 充电盒约2小时 |
| 使用时间 | TX发射器约6小时; 充电盒同时给2个TX充电约2次 |
| 使用距离 | 50米（正向无遮挡条件下） |
| 工作温度 | 0 ℃至 55 ℃ |
| 存储温度 | -20 ℃至 +55 ℃ |
| 尺　　寸 | L68*W64*H26.8mm |
| 总重量 | 56g |

## 充电盒功能介绍：

*充电盒充电红灯闪烁，充满蓝灯常亮
*充电盒给麦克风充电蓝灯闪烁，充满蓝灯熄灭

1、请将TX与RX正确放入充电盒对应槽位。
2、低电量时红灯闪，请尽快对充电盒充电。充电时，红灯闪烁；充满电时，蓝灯常亮。充电完成后，请及时将充电线拔出。
3、当TX放入充电盒后，TX自动关机。蓝灯闪烁，充电盒开始对TX充电，充满电后指示灯熄灭。

## TX发射器功能介绍：




1、从充电仓取出自动开机或长按3秒开机
2、低电量时红灯闪烁，请尽快对TX充电。充电时红灯常亮，充满后熄灭。

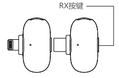
## RX接收器功能介绍：

- 单击RX按键（降噪模式切换）：
  - ○绿灯：高保真模式（默认）
  - ○蓝灯：AI标准降噪
  - ○紫灯：AI强降噪
- 双击RX按键（静音/取消静音）：
  - ○红灯亮：静音
  - ○红灯灭：取消静音

3、开机时红蓝交替慢闪，进入配对模式，连接成功绿灯常亮。
4、固定夹: 发射器固定在发声部位20cm以内，如衣服领口。
5、清除配对:长按3S，红蓝灯交替快闪(TX开机后自动连接，无需要任何操作)。

* 将RX连接到手机即可与TX自动连接（TX开机状态下）

* 部分安卓手机须手动打开OTG功能后RX才能与手机连接成功。




## 使用步骤：

1、将TX和RX从充电盒里取出，TX自动开机，红蓝交替闪。

2、将RX和手机连接，TX和RX自动进行配对，配对成功绿灯常亮，TX开机后5分钟未与RX连接自动关机

3、当手机设备电量过低时，可通过RX侧面Type-C接口给手机充电。

## 注意事项：

1、本产品为精密电子设备，应避免进水或重摔；如不慎进水，请关机并用干水分，及时交由专业技术人员处理。
2、长时间不使用时，应每两个月给产品充满一次电量，以保持电池的性能。
3、机内电池不得暴露在日照、火烤或类似过热环境中。
4、请使用本产品配置或由经销商/制造商推荐的线材；因市场线材技术标准不统一，可能影响产品特性或无法使用。
5、请选择经过国家CCC认证的充电器，以免损毕设备，发生危险事故。
6、为了避免产生信号断点，尽量保持发射器和接收器面对面使用:

◆ 如下图:

产品中有毒害物质或元素的名称及含量

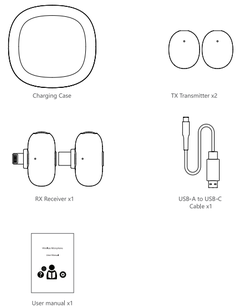
| 部件名称 Name of the parts | 铅 (PB) | 汞 (HG) | 镉 (Cd) | 六价铬 (Cr6+) | 多溴联苯 (PBBs) | 多溴二苯醚 (PBDEs) |
|---|---|---|---|---|---|---|
| 内置线路板 | X | O | O | O | O | O |
| 外壳 | X | O | O | O | O | O |
| 配件 | X | O | O | O | O | O |

O :表示该有毒有害物质在该部件所有均质中的含量均在SJ/T11364-2014标准规定的限量要求以下。
X :表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11364-2014标准规定的限量要求。
注1:本产品大多数的部件采用无毒无害的环保材料制造，含有毒有害物质或元素的部件皆因全球发展水平限制而无法实现有毒有害物质或元素的代替。
注2:环保使用期限的参考保准取决于产品正常工作的温度和湿度等

# Wireless Microphone

# User Manual

## Package Contents:




## Specification Parameters:

| | |
|---|---|
| Wireless Frequency Range | 2402-2480MHz |
| Modulation | GFSK |
| Audio Frequency Range | 20Hz-20KHz |
| Audio Delay | ≤25MS |
| Transmission Power | ≤10dBm |
| Operating Current | ≤30MA |
| Signal-to-Noise Ratio | ≥80dB |
| Microphone Type | Omnidirectional |
| Built-in Battery | TX Transmitter-70mAh, Charging Case-400mAh |
| Charging Input | TX Transmitter-DC5V/55mA; Charging Case-DC5V/310mA |
| Power Management | TX Transmitter auto-shutdown after disconnected in 5 minutes |
| Charging Time | TX Transmitter—1.5h, Charging Case—2h |
| Usage Time | TX Transmitter—6h; Charging Case charges 2TX twice |
| Transmission Distance | 50m (Barrier free) |
| Operating Temperature | 0 ℃ to 55 ℃ |
| Storage Temperature | -20 ℃ to +55 ℃ |
| Size | L68*W64*H26.8mm |
| Total Weight | 56g |

## Functions of the Charging Case:

* The red light of the charging case flashes when charging and the blue light remains on when fully charged
* When the charging case charges the microphone, the blue light flashes and turns off when it is fully charged

1、Place TX and RX correctly into their designated slots in the charging case.
2、When the battery is low, the red light flashes. Please charge the charging case as soon as possible. When charging, the red light flashes. When fully charged. The blue light remains on. After charging is complete, please unplug the charging cable in time.
3、When TX is placed in the charging case, it will automatically shut down, the blue light will flash when the charging case start to charging TX.The indicator light will be off when fully charged.

## TX Transmitter Features:

1. **Touch keys:** Take out from the charging case will auto-on or press the touch area for 3s to power on

2. **Low battery:** The red light flashes. Please charge the TX as soon as possible. While charging, the red light stays solid. The light turns off when fully charged.

## RX Receiver Function Description:

**•Single Click the RX button (to switch noise reduction mode):**

○Green Light: High-Fidelity Mode (Default)

○Blue light: AI Noise Reduction

○Purple Light: Deep AI Noise Reduction

**•Double-dick the noise reduction key (Mute/Unmute):**

○Red Light On: Muted

○Red Light Off: Unmuted

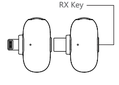
3. **During startup:** The light alternates between red and blue slowly, indicating it is in pairing mode. The green light stays solid when the connection is successful.

4. **Clip:** Attach the transmitter to your clothing within 20cm of the sound source, such as a collar.

5. **Pairing resetting :** Long press for 3 seconds, and the red and blue lights will flash alternately. (TX automatically connects after startup, no operation is required)

1、Connect the RX to phone, and it will automatically power on and paired.

2、Some Android phones requires to turn on the OTG function manually for external plug-in device.

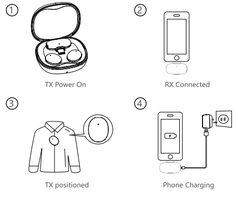



## Usage Steps:

1. Take TX and RX out of the charging case. TX will automatically power on and flash alternately in red and blue.

2. Connect RX to the mobile phone. TX and RX will automatically pair. The green light will remain on constantly after the TX is turned on. The device will automatically shut down if disconnected for 5 minutes

3. When your phone's battery is low, you can charge it using the Type-C port on the side of the RX.




## Product Usage Guidelines:

1. As a precision electronic device, avoid water exposure or severe impacts. If liquid ingress occurs, power off immediately, drain residual moisture, and seek professional assistance.
2. For prolonged storage, recharge the battery every two months to maintain optimal performance.
3. Never expose internal batteries to direct sunlight, open flames, or extreme heat environments.
4. Use only original cables provided with the product or those recommended by authorized dealers/manufacturers. Third-party cables may compromise functionality due to inconsistent technical standards.
5. Always select chargers certified with China Compulsory Certification (CCC) to prevent equipment damage and safety hazards.
6. Maintain face-to-face alignment between transmitter (TX) and receiver (RX) during operation to ensure stable signal transmission.

◆ **As shown in the picture below:**

Name of Toxic/Hazardous Substances

| Name of the parts | (PB) | (HG) | (Cd) | (Cr6+) | (PBBs) | (PBDEs) |
|---|---|---|---|---|---|---|
| Internal Circuit Board | X | O | O | O | O | O |
| Casing | X | O | O | O | O | O |
| Accessories | X | O | O | O | O | O |

O: Indicates that the concentration of the hazardous substance in all homogeneous materials of this component is below the limit requirements specified in SJ/T 11364-2014.
X: Indicates that the concentration of the hazardous substance in at least one homogeneous material of this component exceeds the limit requirements specified in SJ/T 11364-2014.

Notes: 1. Most components of this product are manufactured using non-toxic and environmentally friendly materials.Components containing hazardous substances are unavoidable due to global technological limitations in substituting these substances.
2. The reference standard for environmental usage duration depends on operating temperature, humidity, and other conditions during normal product operation

折叠方式

技术要求:
印刷油墨均匀，字体清晰;
折叠后边缘必须对齐、不得有刮花，破损等现象;
公差 ±0.5mm
材质:105G铜板纸
尺寸:105*75mm

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** 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 evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.