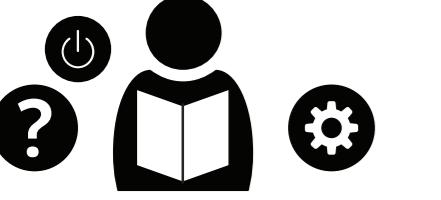


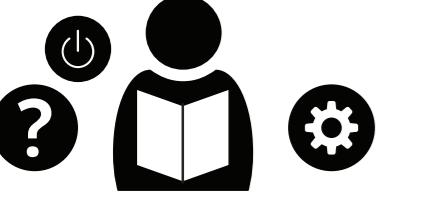
# 无线麦克风

## 用户手册



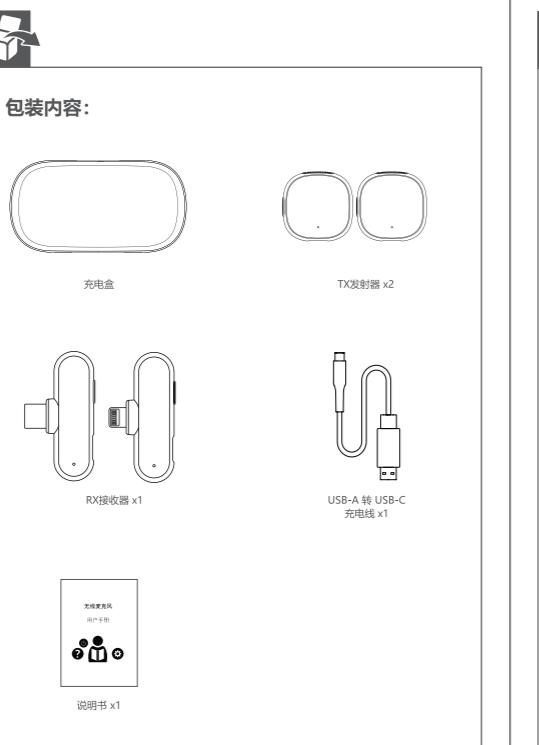
### Wireless Microphone

#### User Manual



##### 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:  $\pm 0.5\text{mm}$   
材质: 105G铜板纸  
尺寸: 105\*75mm



包装内容:

充电盒	TX发射器 x2
USB-A 转 USB-C	充电线 x1
RX接收器 x1	
说明书 x1	



技术参数:

无线频率范围	2400-2480MHz
调制范围	GFSK
音频频率范围	20Hz-20KHz
音频延迟	$\leq 25\text{MS}$
无线发射功率	$\leq 10\text{dBm}$
整机工作电流	$\leq 30\text{mA}$
信噪比	$\geq 80\text{dB}$
麦克风类型	全指向麦克风
内置电池	TX发射器 - 120mAh, 充电盒 - 750mAh
充电输入	TX发射器 - DC 5V/100mA; 充电盒 - DC 5V/700mA
电源管理	TX发射器无连接超过3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8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°C 至 55°C
存储温度	-20°C 至 +55°C
尺 寸	L100.7*W52.7*H30.2mm
总重量	86g



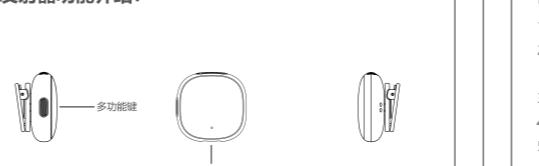
充电盒功能介绍:

电量指示 - 将TX放进充电盒后, 充电盒指示灯显示充电盒当前电量10秒
充电盒电量 <13% 13%-35% 36%-74% 75%-100%

1. 请将TX与RX正确放入充电盒对应槽位。
2. 低电量时红灯快闪, 请尽快对充电盒充电。充电时, 红灯常亮; 充满电时, 红灯熄灭。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, 指示灯显示充电盒当前电量: 10秒后绿灯闪, 充电盒开始对TX充电, 充满电后指示灯熄灭。



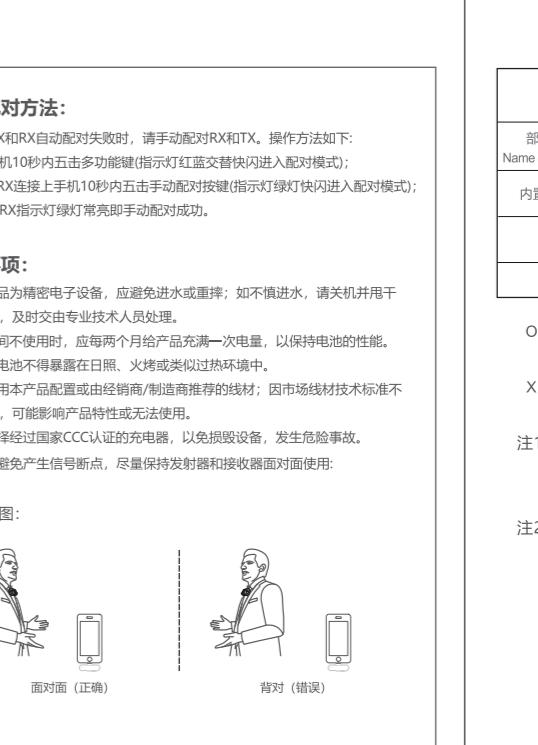
TX发射器功能介绍:



1. 多功能键: 长按3秒开/关机。单击切换降噪模式, 开机默认高保真绿灯常亮, AI降噪模式常亮, 标准降噪模式常亮。双击进入/退出静音模式, 开启静音红灯常亮, 退出静音恢复当前模式灯效。
2. 开机时红蓝交替慢闪, 进入配对模式, 连接成功绿灯常亮。
3. 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。
4. 固定夹: 发射器固定在发声部位20cm以内, 如衣服领口。

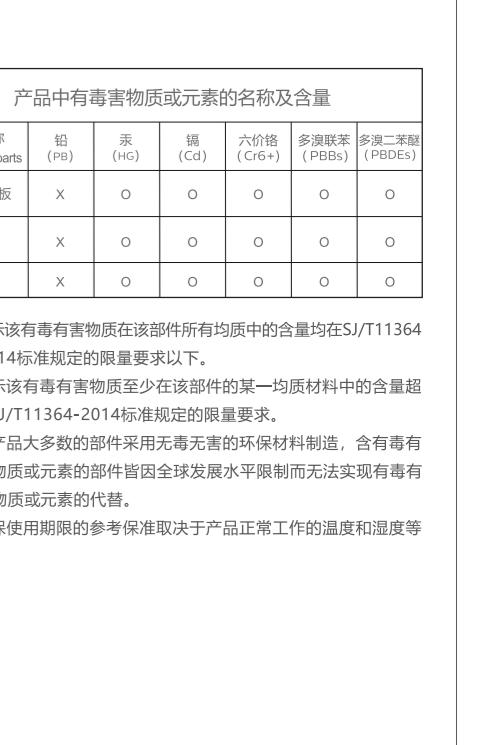


RX接收器功能介绍:



手动配对方法:

1. 将TX和RX从充电盒里取出, TX自动开机, 红蓝交替慢闪进入配对模式。
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3分钟内未与RX连接成功将自动关机。
3. 将TX佩戴在发声部位20cm以内(如衣服领口)即可开始使用。
4. 当手机设备电量过低时, 可通过RX连接Type-C接口给手机充电。
5. 单击TX多功键, 切换降噪模式。双击TX多功键, 进入/退出静音。
6. TX与RX上的接口仅支持充电功能。



产品中有毒害物质或元素的名称及含量

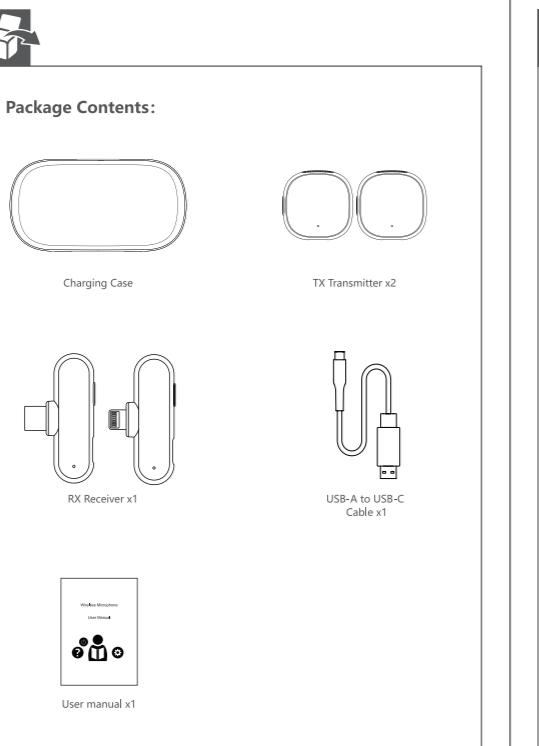
部件名称 Name of the parts	铅 (Pb) (Pb)	汞 (Hg) (Hg)	镉 (Cd) (Cd)	六价铬 (Cr6+) (Cr6+)	多溴联苯 (PBBs) (PBBs)	多溴联萘 (PBDEs) (PBDEs)
内置线路板	X	O	O	O	O	O
外壳	X	O	O	O	O	O
配件	X	O	O	O	O	O

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/T 11364-2014 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过 SJ/T 11364-2014 标准规定的限量要求。

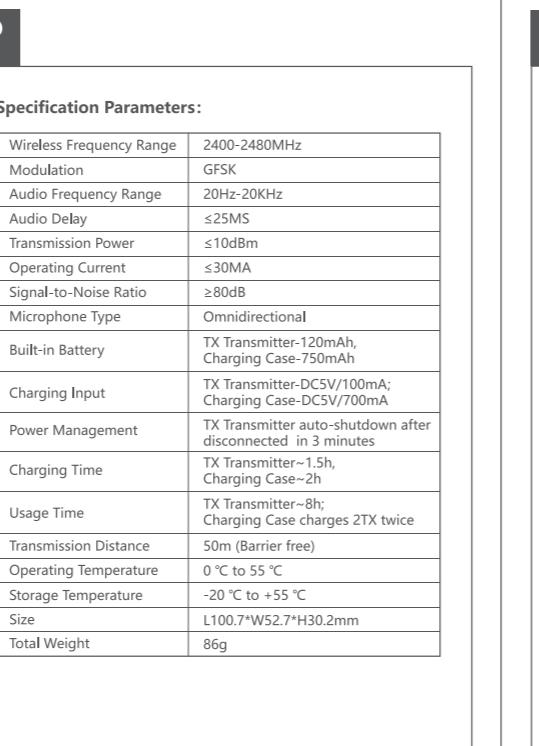
注1: 本产品大多数的部件采用无毒无害的环保材料制造, 含有有毒有害物质或元素的部件皆因全球发展水平限制而无法实现有毒有害物质或元素的代替。

注2: 环保使用期限的参考标准取决于产品正常工作的温度和湿度。



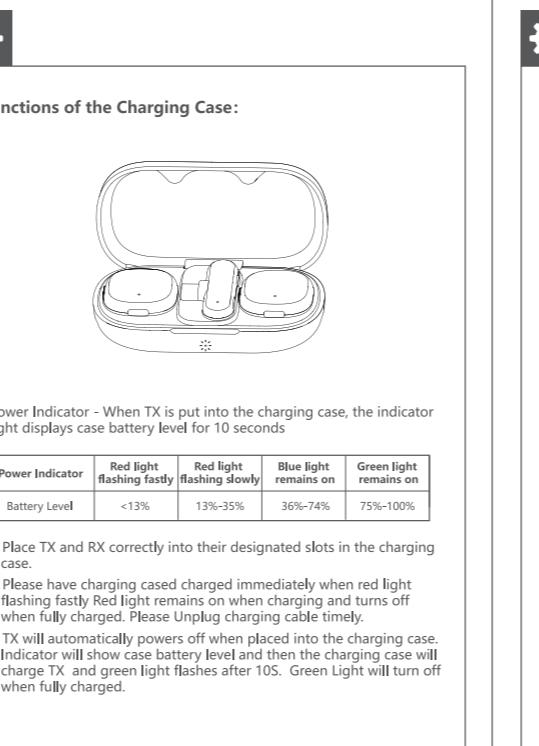
Package Contents:

充电盒	TX发射器 x2
USB-A 转 USB-C	充电线 x1
RX接收器 x1	
说明书 x1	



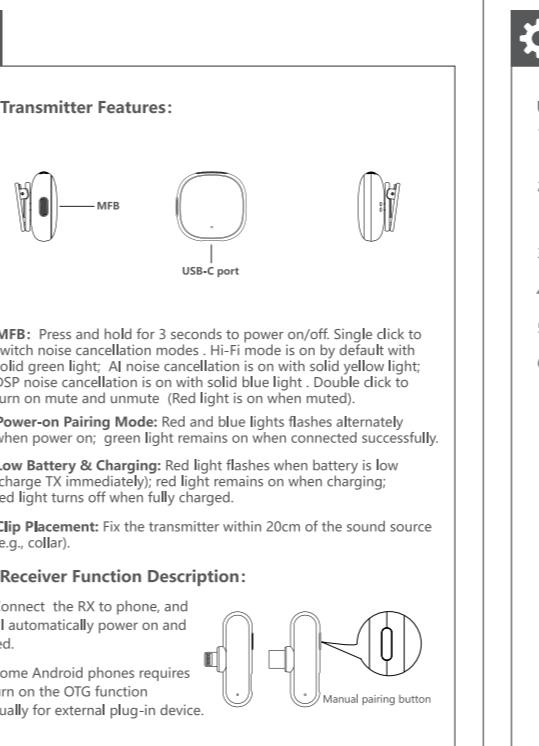
Specification Parameters:

Wireless Frequency Range	2400-2480MHz
Modulation	GFSK
Audio Frequency Range	20Hz-20KHz
Audio Delay	$\leq 25\text{MS}$
Transmission Power	$\leq 10\text{dBm}$
Operating Current	$\leq 30\text{mA}$
Signal-to-Noise Ratio	$\geq 80\text{dB}$
Microphone Type	Omnidirectional
Built-in Battery	TX Transmitter-120mAh, Charging Case-750mAh
Charging Input	TX Transmitter-DC5V/100mA; Charging Case-DC5V/700mA
Power Management	TX Transmitter auto-shutdown after disconnected in 3 minutes
Charging Time	TX Transmitter-1.5h, Charging Case-2h
Usage Time	TX Transmitter-8h; Charging Case charges 2TX twice
Transmission Distance	50m (Barrier free)
Operating Temperature	0°C to 55°C
Storage Temperature	-20°C to +55°C
Size	L100.7*W52.7*H30.2mm
Total Weight	86g

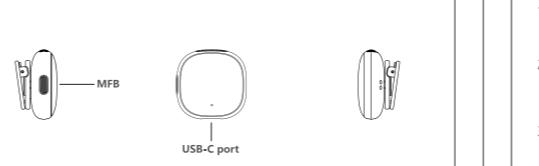


Functions of the Charging Case:

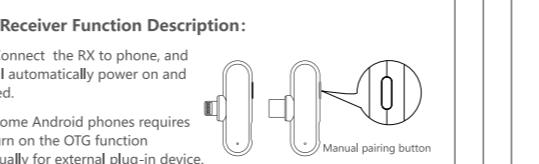
Power Indicator - When TX is put into the charging case, the indicator light displays case battery level for 10 seconds
Power Indicator   Red light flashing fastly   Red light flashing slowly   Blue light remains on   Green light remains on   Battery Level   <13%   13%-35%   36%-74%   75%-100%



TX Transmitter Features:

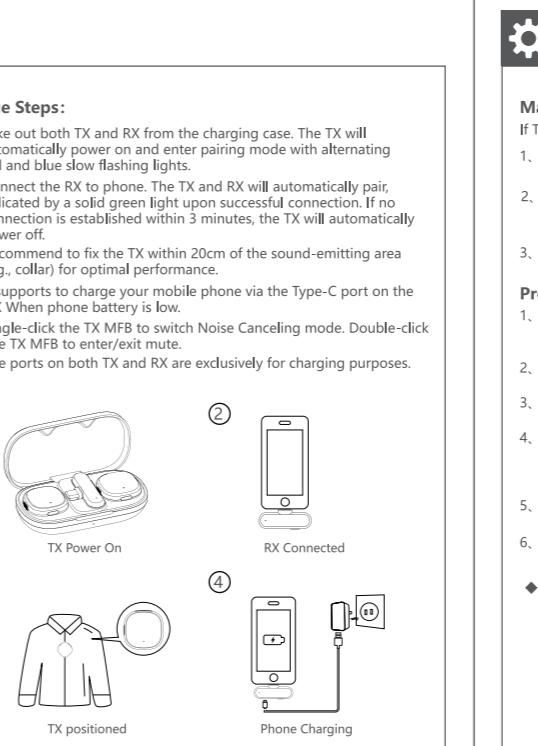


1. MFB: Press and hold for 3 seconds to power on/off. Single click to switch noise cancellation modes. Hi-Fi mode is on by default with solid green light; AI noise cancellation is on with solid yellow light; DSP noise cancellation is on with solid blue light. Double click to turn on mute and unmute (Red light is on when muted).
2. Power-on Pairing Mode: Red and blue lights flash alternately when power on; green light remains on when connected successfully.
3. Low Battery & Charging: Red light flashes when battery is low (charge TX immediately); red light remains on when charging; red light turns off when fully charged.
4. Clip Placement: Fix the transmitter within 20cm of the sound source (e.g., collar).
5. It supports to charge your mobile phone via the Type-C port on the RX. When phone battery is low.
6. The ports on both TX and RX are exclusively for charging purposes.



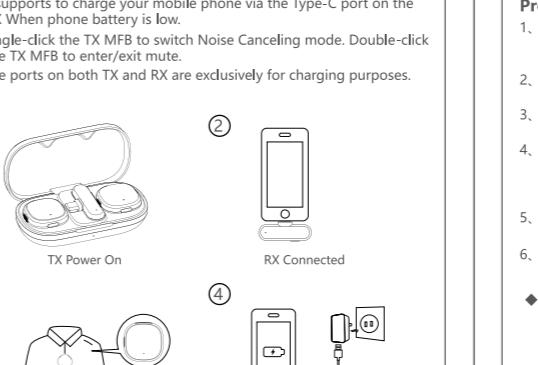
RX Receiver Function Description:

1. Connect the RX to phone, and it will automatically power on and paired.
2. Some Android phones require to turn on the OTG function manually for external plug-in device. Indicator will show case battery level and then the charging case will charge TX and green light flashes after 10s. Green light will turn off when fully charged.



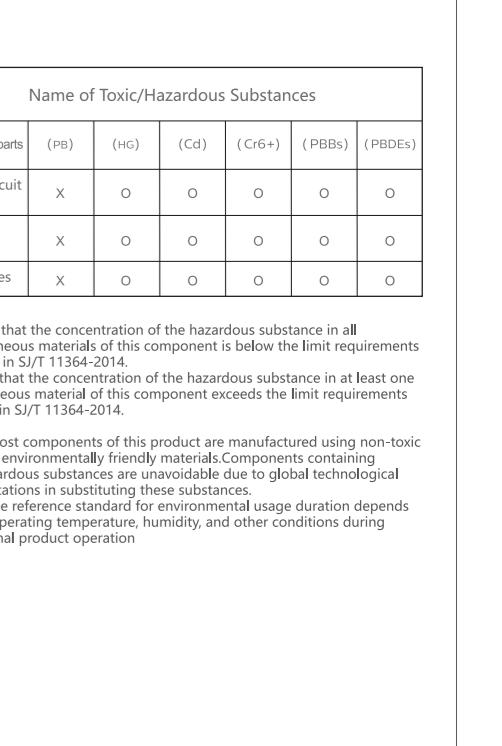
Usage Steps:

1. Take out both TX and RX from the charging case. The TX will automatically power on and enter pairing mode with alternating red and blue slow flashing lights.
2. Connect the RX to phone. The TX and RX will automatically pair, indicated by a solid green light upon successful connection. If no connection is established within 3 minutes, the TX will automatically power off.
3. Recommend to fix the TX within 20cm of the sound-emitting area (e.g., collar) for optimal performance.
4. It supports to charge your mobile phone via the Type-C port on the RX. When phone battery is low.
5. Single-click the TX MFB to switch Noise Canceling mode. Double-click the TX MFB to enter/exit mute.
6. Both TX and RX indicator lights remain on green when pairing successfully.



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.



Name of Toxic/Hazardous Substances

Name of the parts	(Pb) (Pb)	(Hg) (Hg)	(Cd) (Cd)	(Cr6+) (Cr6+)	(PBBs) (PBBs)	(PBDEs) (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: 表示该有毒有害物质在该部件所有均质中的含量均在 SJ/T 11364-2014 标准规定的限量要求以下。

X: 表示该有毒有害物质在该部件的某一均质材料中的含量超过 SJ/T 11364-2014 标准规定的限量要求。

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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.

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.

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

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