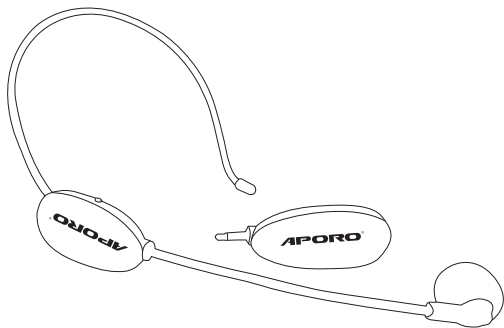


APORO®

2.4G

无线麦克风
wireless microphone

**开机自动对频
抗强干扰，即插即用**
Automatic Connection ,
Anti-interference, Plug and Play



Operation Manual

使用说明书

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一、基本介绍 (basic introduction)

1.本产品为声音信号发射和接收设备，原配带有3.5mm插头、送6.35mm转接头适用转接3.5mm插口，兼容音响、扩音器、功放、电脑等多种设备。

1, The product belong to audio device that built with a receiver and a transmitter, which it can be compatible with loudspeaker, audio amplifier, power amplifier and PC equipment etc by along with packing accessory of 3.5mm plug and with adapter to switch between 6.35mm and 3.5mm plug.

2.此产品分为发射器和接收器两个部份，接收器使用3.5mm插头与音响连接，发射器为头戴式和领夹式，头戴式即可头戴又可手持两用、领夹式可夹衣领也可手持两用，以购买的实际产品为准。外观精致、体积小更方便携带，使无线音箱更加轻松使用，音质清晰、洪亮不失真。

2, The product built with a receiver and a transmitter, the receiver to be connected with loudspeaker by 3.5mm plug, transmitter have headwear type and collar clamp type, as the device with headwear type which can be used either headwear or in hand, and the device with collar clamp type which can be used either collar tie or in hand. Which type product to be used would be decided after purchased. It has a delicate appearance and compact body to be carried easily, which can be easy to be used with wireless audio box and has good quality of voice, sound loudly without distortion.

3.本产品采用的是2.4G最高无线技术。配对采用了近距离对码，必须在1米内开机自动配对连接杜绝与隔壁教室串频问题，超过了1米或5米以外均有可能连接不上，切记。无线传输可达30米（公司测试环境下）使用无方向限制（无死角的干扰），音质清晰、洪亮。本产品广泛于扩音器、音响、视频机、电教专业扩音等。

3, This is 2.4G wireless technology product, which applied short distance to be matched. It must to be power on within 1 meter to finish automatic connection to be prevented interference from close classroom. It is possible to loss connection if the device is kept over either 1 meter or 5 meter, pls caution that. The product can be transmitted reaching 30 meter range under wireless condition (under company test surrounding) and use it without direction

limitation (without interference at any direction) and has good quality audio, sound loudly. The product is used widely with audio amplifier, audio box, TV and audio amplifier within education.

二、产品细节 (Product' s detail)

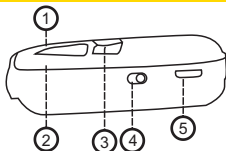


图1：发射器

Photo1: transmitter

1,工作指示灯

1,Working indicator

2,充电指示灯

2,Charging indicator

3,音量+/-

3,volume +/-

4,电源开关

4,power switch

5,5V充电口

5,interface with 5V charging

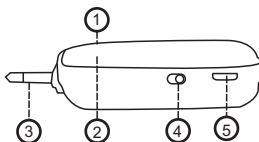


图2：接收器

Photo2: receiver

1,工作指示灯

1,Working indicator

2,充电指示灯

2,Charging indicator

3,3.5mm插头MIC的音箱设备孔

3.5mm plug and with MIC hole of audio box

4,电源开关

4,power switch

5,5V充电口

5,interface with 5V charging

图3：头戴式

Photo3: Head mounted



可拆卸示意图

Illustration for detachable parts

图4：领夹式

Photo4: Collar clip type



可拆卸示意图

Illustration for detachable parts

三、使用说明 (using explanation)

1、把发射器开关打开,屏幕显示蓝灯闪烁,然后打开接收器,蓝灯闪烁1-2秒自动配对,蓝色指示为"长亮"状态时,此时已连接OK(备注:发射器和接收器必须在1米打开配对),将接收器插入扩音器、音响等设备的麦克风端口就可以无线K歌功能了.若插入的是音频输入端口就只能无线扩音!

1, turn on the transmitter, show blue led with flashing on the display screen, after that, turn on the receiver will make match automatically after blue LED flash fast 1~2s, it was indicated they have connected success while the blue LED light on and stay on constant status. (remark: they must be matched each other within 1 meter). Then it can play musical by wireless linking once receiver is plugged to MIC port of audio amplifier, audio box equipment etc. if there is only connection with audio signal port that will only can play wireless audio amplifier.

2、本产品发射器和接收器均有内置高能量的聚合物电池,在使用中发现工作指示灯“蓝灯”快速闪烁时电量快不足,此时请关机给产品充电(切记,本产品只能用5V电源充电或插电脑USB端口),充电中的状态是“红灯”长亮,充满后红灯熄灭,此时充电已满。

2, both receiver and transmitter built with high energy LI-poly of battery, while the blue LED flash fast during working that will indicate the battery is out of power, after that, pls power off to take charging for product. (caution, it can only be charged with DC 5V or charge with USB port of PC), if red LED is light on and keep working will indicate it is charging, charge full will switch to the red LED turn off.

备注:本产品采用的近距离对码,超过5米以外开机是连接不上的,必须在1米内开机自动配对,配对OK后随意使用,杜绝了串频问题,无线传输可达50米左右,中途断频后有记忆功能会自动连接回之前的接收器,若超过5秒后连接不上就必须走到1米内再重新配对即可。

Remark: this product only support to search success within 1 meter range, if its range over 5 meter would not be connected success. It

can be used whatever situation once it was matched success. Prevent inter-interference issue. Wireless work can be reached about 50 meters. If it was interrupted at working period that the product can call back the previous receiver to work on as a memory. If failure linking over 5s that have to do match once again within 1 meter range.

四、产品参数 (product parameter)

发射器规格:

- 1、音频信号：数字采样
16bit -44.1khz
- 2、配对方式：自动配对
- 3、语音频响：20-20KHz
- 4、传输方式：双向2.4G跳频
- 5、耗电电流：小于40mA
- 6、供电方式：聚合物电池
- 7、传输距离：30M

Transmitter specification

- 1, audio signal: digital sampling:
16bit-44.1khz
- 2, match style: automatic
matching
- 3, voice of frequency respond:
20~20khz
- 4, transport style: two way-
direction 2.4G jump frequency
- 5, consumption current: less
40mA
- 6, voltage supply style: LI-Poly
battery
- 7, transportation range: 30M

接收器规格:

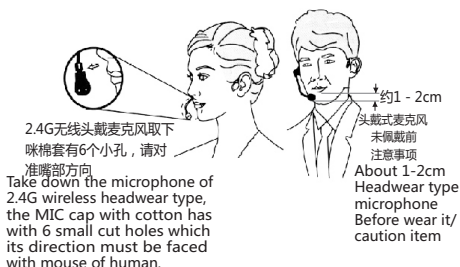
- 1、音频信号：数字采样
16bit -44.1khz
- 2、配对方式：自动配对
- 3、语音频响：20-20KHz
- 4、传输方式：双向2.4G跳频
- 5、耗电电流：小于25mA
- 6、供电方式：聚合物电池
- 7、传输距离：30M

Receiver specification

- 1, audio signal: digital
sampling: 16bit-44.1khz
- 2, match style: automatic
matching
- 3, voice of frequency respond:
20~20khz
- 4, transport style: two way-
direction 2.4G jump frequency
- 5, consumption current: less
40mA
- 6, voltage supply style: LI-Poly
battery
- 7, transportation range: 30M

五、正确佩戴示意图

5, illustration with corrected wear method



六、2.4G无线麦克风系列产品图

6, illustration for 2.4G wireless microphone series of products



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Remark: this above instruction is only illustration for products that they aren't real products, any right to interpret for products was won by our company.

七、安全注意事项 (Safety precautions)

- 1、当电量低时电源指示灯"蓝灯"快闪提示,若电量快低于10%时会直接保护性关机 " 蓝灯" 灭, 蓝灯快闪时请及时关机充电。
1, the blue LED flash fast that prompted low battery, while the battery is less 10% will go into turn off mode to form prevention for product by blue LED dead, if blue LED turn to flash fast, pls charge it with power off the product
- 2、用完记得及时关掉发射器和接收器电源开关,防止电池电量流失不耐用(注:电池过放时间长了会有再次充电时不能充满到100%满电或充不进电的情况发生)。
2, must to turn off the power of receiver and transmitter in time while users leaved it, which will prevent to impact for battery reliability. (remark: while battery was overcharged long time will maybe cause to fail charge full 100% or didn' t be charged anymore.)
- 3、不要遮挡发射器和接收器,防止断频或影响使用距离。
3, don' t block signals of receiver and transmitter to prevent broken connection or impact used range of product.
- 4、非专业技术人员请不要擅自拆机改装或维修,有任何问题或服务需求,请联系当地的经销商。
4, no-professional technical didn' t be allowed to detach or repaired, if there have any issue or service request, pls call local agent.
- 5、本产品必须放在室内干燥通风处,避免雨淋、进水、敲击。
5, this is indoor product with avoiding having rainfall, ingress, strike and under dry with good ventilation.
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6, the right of product improvement, upgrading for manual contents and description was own by our company, we would not inform if products are changed randomly, pls note the norm that must to follow up real products.

八、常见故障 (common faults)

- 1、无声 : a 接收器与设备连接插头是否插到位或插头是否匹配 ;
b 接收器和发射器是否连接上 , 音量是否有打开。
1, work dead: a, check with having corrected connection between receiver and equipment or have right matching for plug;
b, check with having good connection with between receiver and transmitter and volume be turned on.
- 2、杂音 : a 麦克风使用要远离音响、喇叭及无线设备。
b 音量开得过大及距离嘴巴太近。
2, noise: a, check the microphone must to be far away audio box, speaker and wireless facility.
b, check whether the volume be turned loud and too close with mouse distance.
- 3、音小 : 音量关得过小或是距离嘴巴太远。
3, less voice: the volume be turned off more or be far way with mouse distance.

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购买地点 Place of purchase					
购买日期 Purchase date			销售单号 Sales order number		
品名及规格 Title and specification			机身编号 Fuselage number		
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产品标准: GB8898-2011
Product standards: GB8898-2011

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