

Singke

Made for
iPhone | iPad



无线摄像麦克风
Wireless Video Microphone

使用手册 | User Manual

无线摄像麦克风

■ 前言

尊敬的用户：

感谢您选购无线摄像麦克风，为了您能够更好的了解使用本产品，建议您在使用前仔细阅读本说明书。

■ 产品特性

- 通过苹果MFI官方认证，安全无忧，无缝ios生态系统升级，升级无忧放心使用；
- 领夹式配戴，机身小巧便携，适用于摄像机、单反及手机等设备；
- 2.4G无线传输技术，传输信号稳定，有效距离为120米；
- 实时监听，三个监听音量等级自由切换；
- 降噪算法拾音，三种降噪模式自由切换，满足任何复杂环境下的精确拾音；
- 支持TF卡本地音频存储，无惧音频文件数据丢失，让采访更安全；
- 麦克风可单独当作录音笔使用，任何环境下随时随时录音同步保存；
- 麦克风可支持连续采访12小时超长续航，不再受续航时间困扰；
- 配备充电收纳盒，发射端和接收端收纳及充电更方便；
- 收纳盒大电池1000mAh可循环充电，出行旅游直播采访首选。

■ 适用范围

- 专为直播、VLOG、摄像、采访等场合

■ 包装清单

- 收纳盒（一拖一）-----1个
- 麦克风发射器-----1个
- 接收器-----1个
- 双边耳机线-----1根
- 充电线-----1根
- 防风毛-----1个
- 说明书-----1本

无线摄像麦克风

■ 技术参数

■ 收纳盒参数

输入电压:DC4.8-5.4V
充电时间:约90分钟
收纳盒重量:约85.6克

电池容量:1000mAh
续航时间:支持接收端和发射端充电3次
收纳盒尺寸:47.5*13.47*7.95mm

■ 麦克风参数

频率范围:2.4GHz
延迟时间:25ms
频率范围:20-20KHz
输入电压:DC4.8-5.4V
灵敏度:-26 dBFS
麦克风尺寸:47.1*15.04*15.61mm

电池容量:230mAh
工作时间:12小时
充电时间:约80分钟
麦克风重量:约14克
信噪比:64dB

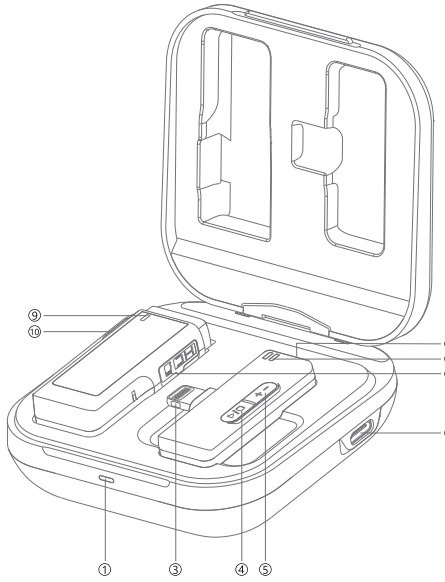
■ 接收端参数

频率范围:2.4GHz
延迟时间:25ms
频率范围:20-20KHz

接收端重量:约5.8克
输入电压:DC4.8-5.4V
接收端尺寸:47.5*13.47*7.95mm

无线摄像麦克风

■ 功能示意



- 充电仓指示灯
- 充电仓TYPE-C充电接口
- 接收端Lightning
- 静音/复位键
- 降噪等级/音量循环键
- 接收端指示灯
- 双边耳机插孔
- TF存储卡槽
- 发射器指示灯
- 开关/静音键

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■ 发射端功能说明

序号	状态	操作/现象	灯效指示
1	开机	1. 充电仓指示灯常亮 2. 充电仓指示灯常亮	绿灯亮一秒
2	关机	1. 插入充电仓内开关上盖 2. 长按开机键3秒	/
3	搜索配对	产品无法搜索到发射器	绿灯慢闪
4	配对成功	产品搜索成功	绿灯常亮
5	降噪配对/重新配对	开机后10秒内三击开机键	红灯快闪3秒
6	静音/静音	单击开机键切换静音/静音 静音：静音键 静音：开始录音	静音：绿灯快闪 静音：绿灯常亮 充电仓指示灯常亮
7	充电	插入充电仓内关闭盖子	充电仓指示灯常亮
8	低电	低于3.3V电压(15分钟内自动关机)	红灯快闪
9	自动关机	低于3.3V电压或充满电后10分钟	灯灭
10	TF卡自动录音模式	长按启动按钮进入TF卡录音模式	绿灯常亮
11	降噪等级	单击开机键切换降噪等级/静音 (无接受端连接时)	单击开机键10秒内三击降噪灯灯闪
12	无TF卡时指示灯	无法录入TF卡	绿灯常亮
13	关机卡、插TF卡无电、或损坏指示灯	无法录入TF卡	绿灯常亮

■ 接收端功能说明

序号	状态	操作/现象	灯效指示
1	开机	接收端指示灯常亮	绿灯亮一秒
2	关机	按下接收键	/
3	搜索配对	设备无法搜索到发射器	绿灯慢闪
4	配对成功	设备搜索成功	绿灯常亮
5	降噪配对/重新配对	开机后10秒内三击开机键	红灯快闪3秒
6	静音/静音	单击开机键切换静音/静音 静音：静音键 静音：开始录音	静音：绿灯快闪 静音：绿灯常亮 三个降噪等级选择
7	监听音量等级切换	单击“+”、“-”降噪键	提示灯绿灯常亮 “静”（一级） “噪”（二级） “降噪”（三级） 每三秒闪烁一次 红灯闪烁一次（一级） 红灯闪烁二次（二级） 红灯闪烁三次（三级）

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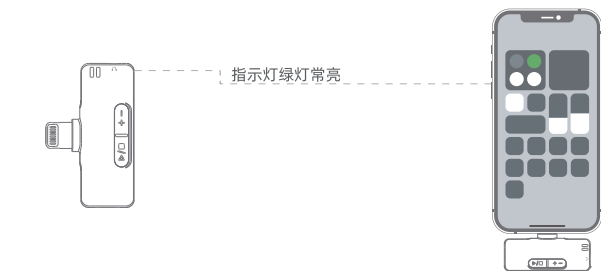
■ 充电仓功能说明

序号	状态	操作/现象	灯效指示
1	充电仓充电	插入充电线	充电中：红灯常亮 已充满：充电灯熄灭
2	充电仓电量指示	打开盖子/指示灯：100%-75% 打开盖子/指示灯：75%-50% 打开盖子/指示灯：50%-25% 打开盖子/指示灯：25%-10% 打开盖子/指示灯：10%-5% 打开盖子/指示灯：5%-0%	绿灯常亮 绿灯常亮 绿灯常亮 绿灯常亮 绿灯常亮 绿灯常亮
3	发射器充电	发射器插入充电仓并关闭盖子	充电中：绿灯常亮 已充满：绿灯灭

注：TF卡录音每次自动保存新的录音文件，当内存卡内容满了，自动删除最早时间的录音文件。

■ 手机连接使用说明

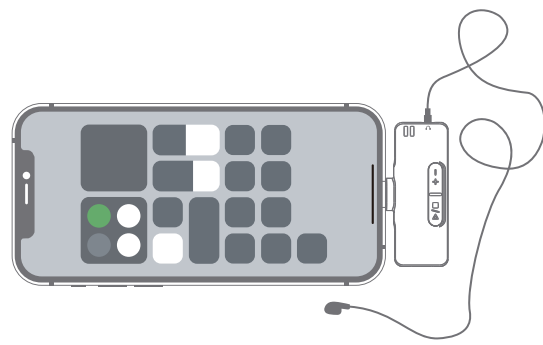
将Lightning接收器插入手机的Lightning接口设备，接收绿灯常亮，即可使用麦克风收音。



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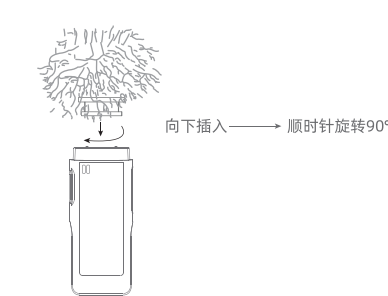
■ 耳机连接使用说明

将接收端插入手机后，再插入配备的双边3.5mm监听耳机并实时监听。



■ 毛套安装说明

将毛套扣套到对准发射器凹槽，插入后再顺时针旋转90°即可固定。



无线摄像麦克风

■ 关于图标含义解释

根据RL2004/108/EG和European Low Voltage Directive（欧洲低电压指令）RL2006/95/EG的测试结果表明，本产品符合欧共体关于电磁兼容性的成员国法律整合的指令中所规定的限值。

未经过官方明确批准的变更或修改可能会使用户失去操作设备的权限。

此设备符合FCC规则第15条部分的要求，操作须符合以下两个条件：
(1) 此设备可能不会造成有害干扰；
(2) 此设备必须接受接收到的任何干扰，包括可能导致意外操作的干扰。

此符号表示，根据WEEE指令(2012/19/EU)和国家法律，由于此类型的废弃物会有潜在的有害物质，可能对环境及人类健康产生负面影响，所以本产品不应与您的家庭垃圾一起处置，应将本产品交由由授权的电气和电子设备(WEEE)回收站回收。同时，您在正确处理本产品的同时将有助于自然资源的有效利用。如需了解更多信息您可以在何处放置废物回收设备的信息，请联系您当地的城市办事处、废物管理局或家庭废物处理服务部门。

■ 安全警告

为避免电击、高温、着火、辐射、爆炸、机械危险以及使用不当等可能造成的人身伤害或财产损失，使用本产品前，请仔细阅读并遵守以下事项：
1. 使用产品时请确认所连接设备与本产品功率是否匹配以及合理调整设备音量大小，不要在超过产品功率及大音量下长时间使用，以免造成产品异常；
2. 使用中若发现有异常（如冒烟、异味等），请立即关闭电源开关并拔掉电源插头，然后将产品送经销商检修；
3. 本产品及配件都应放置在室内干燥通风处，勿长期存放在潮湿、灰尘多的环境，使用中避免靠近水源，雨淋、进水、过度碰撞、抛掷、震动本机及覆盖通风孔，避免损坏其功能；
4. 使用该产品时需遵守相关安全规定，法律法规明确禁止使用场合请勿使用产品，以免导致意外事故；
5. 请不要自行拆机改装或维修，以防止出现人身伤害，如有问题或服务需求请联系当地经销商跟进处理。

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Wireless Video Microphone

User Manual

Wireless Video Microphone

■ Foreword

Dear user:

Thank you for choosing our wireless camera microphone. In order to better understand the use of this product, it is recommended that you read this manual carefully before use.

■ Features

- Original lightning connector, no more worry about IOS ecosystem, and safe to use.
- 2.4G wireless transmission technology, stable transmission distance can be up to 120M.
- Real-time monitoring, free switching of three volume levels.
- Three noise reduction modes can be switched freely, to meet accurate pickup in any complex environment.
- Support TF card local audio storage, no more worry about file loss.
- The microphone can be used as a recording pen alone, and the recording can be saved synchronously anytime and anywhere in any environment.
- Microphone and receiver with 3.5 mm cable which is used for camera can last 12 hours continuous interviews.
- Equipped with a charging case, the transmitter and receiver are more convenient to store and charge; interviews.
- The charging case has a large battery of 1000mAh that can be recharged, which is the first choice for travel and make a Live.

■ Applications

- Live, Vlog, Video-shooting, Interview and others.

■ Packing List

- Charging case(one mic and one receiver)-----1PCS
- Microphone transmitter-----1PCS
- Receiver-----1PCS
- Bilateral earphones cable-----1PCS
- Charging cable-----1PCS
- Wind-proof-----1PCS
- User manual-----1PCS

Wireless Video Microphone

■ Specifications

■ Charging case

Input voltage: DC 4.8V~5.4V
Charging time: 90 mins
Weight: about 85.6g

Battery capacity: 1000 mAh
Recharge times: recharge 3 times for microphone and receiver
Charging case size: 47.5*13.47*7.95mm

■ Microphone specification

Frequency: 2.4GHz
Latency: 25 ms
Frequency response range: 20-20KHz
DC: 4.8~5.4V
Sensitivity: -26 dBFS
Microphone size: 47.1*15.04*15.61mm

Battery: 230mAh
Working time: 12 hrs
Charging time: about 80 mins
Weight: about 14g
S/N Ratio: 64 dB

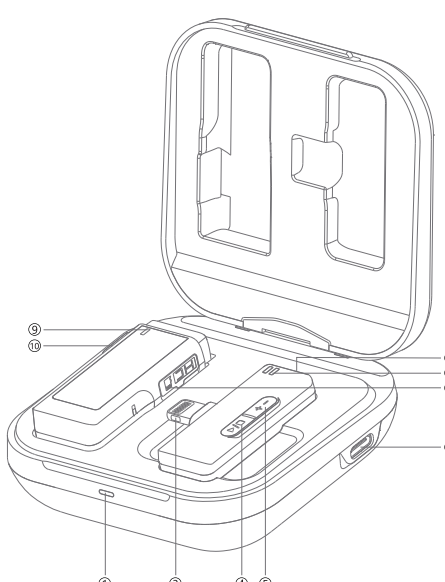
■ Receiver specification

Frequency: 2.4GHz
Latency: 25 ms
Frequency response range: 20-20KHz

Weight: about 18.7g
DC: 4.8~5.4V
Microphone size: 47.5*13.47*7.95mm

Wireless Video Microphone

■ Functions



- Charging case indicator light
- Type-C charging port
- Lightning receiver
- Mute/reset key
- Volume/noise key
- Indicator light on the receiver
- Bilateral Earphone hole
- 8.TF memory card slot
- Indicator light on the microphone
- Power/mute key

Wireless Video Microphone

■ Microphone transmitter functions

No.	State	Operation	Light
1	Power on	1.Open the charging case and take out the microphone 2.Click the power button	Green light for one second
2	Power off	1.Put it in the charging case and close the cover 2.Press power button for 3 secs	/
3	Search for pairing	No pairing object	Green light flashes slowly
4	Paired	Connection succeeded	Green light is always on
5	Clear pairing/re-pairing	Three-click the power button within 10 secs after power on	Red and green light flashes quickly
6	Mute/pick-up	Click the power button to switch mute/pick-up Mute: stop recording Pick-up: Green light is always on	Mute: the blue light is always on Pick-up: Green light is always on
7	Charging	Put it in the charging case and close the cover	Charging: Blue light flashes Fully charged: Blue light off
8	Low power	Below 3.3 V current (auto power off within 15 mins)	Red light flashes quickly
9	Automatic power-off	Below 3.3V or no connection for over 10 minutes	Light off
10	TF card automatic recording	After the connection is successful, it will automatically enter the TF card recording mode	Green light is always on
11	Use the microphone as a recorder alone	Click the power button to switch to start recording / stop recording (also save the file)	Blue light flashes slowly when recording and green light flashes slowly when stop recording
12	Use the microphone as a TF card	Recording fails	Blue light is always on
13	The microphone has a TF card but the TF card is damaged	Recording fails	Blue light is always on

■ Receiver functions

No.	State	Operation	Light
1	Power on	1.Open the charging case and take out the receiver	Green light for one second
2	Power off	1.Put it in the charging case and close the cover	/
3	Search for pairing	No pairing object	Green light flashes slowly
4	Paired	Connection succeeded	Green light is always on
5	Clear pairing/re-pairing	Three-click the power button within 10 secs after power on	Red and green light flashes quickly
6	Mute/pick-up	Click the power button to switch mute/pick-up Mute: stop recording Pick-up: start recording	Mute: the blue light is always on Pick-up: Green light is always on
10	Volume level switch	Click the volume key	The three levels are cycled in turn The prompt tone are as follows: "Beep" (Level 1) "Beep" (Level 2) "Beep" (Level 3) The indicator lights are as follows: Red light flashes once (Level 1) Red light flashes twice (Level 2) Red light flashes three times (Level 3)

Wireless Video Microphone

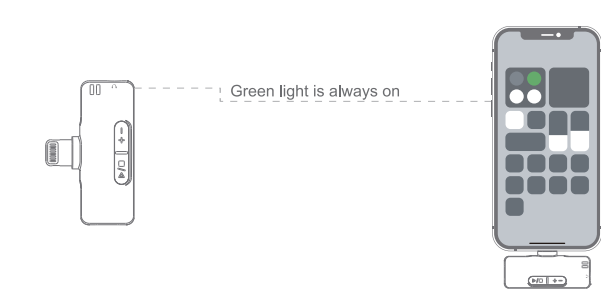
■ Charging case specification

No.	State	Operation	Light
1	Charge the case	Charging with Type-C Cable	Charging: red light is always on Fully charged: the light is off
2	Battery level indicator of charging case	Open the case/indicator light:100%-75% Open the case/indicator light:75%-50% Open the case/indicator light:50%-25% Open the case/indicator light:25%-10% Open the case/indicator light:10%-5% Open the case/indicator light:5%-0%	Green light is on for 10 secs Blue light is on for 10 secs Red light flashes Charging: the blue light flashes Fully charged: blue light off

Note: The TF card will automatically save a new recording file every time. When the capacity of the memory card is full, the oldest recording file will be automatically deleted.

■ Mobile phone connection instruction

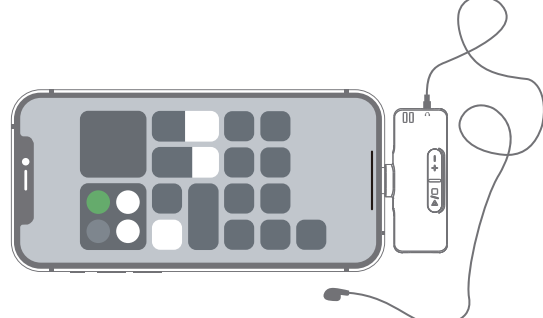
Plug the Lightning receiver into the Lightning port of the mobile phone, and the green light of the receiver is always on, and the microphone can be used to pick up sound.



Wireless Video Microphone

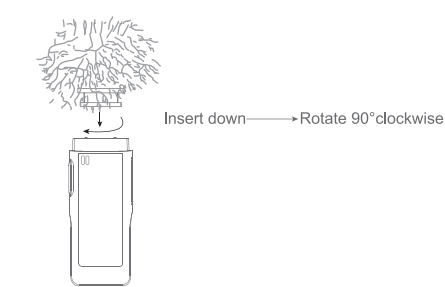
■ Earphone connection instructions

After plugging the receiver in the mobile phone, insert the equipped bilateral 3.5mm monitoring earphones and then monitor in real time.



■ Wool cover installation instruction

Align the plastic buckle of the wool cover with the groove of the transmitter, insert it and then rotate 90° clockwise to fix it.



Wireless Video Microphone

■ Label Meanings

According to the test results obtained based on RL2004/108/EG (Electro magnetic Compatibility Directive) and RL2006/95/EG (Low Voltage Directive), this product complies with the limits specified in the European Community EMC (Electromagnetic Compatibility) Directive, an integration of relevant laws from its member states.

Changes or modifications not expressly approved by the complying party may cause the user to lose permission to operate the device.

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.

This symbol indicates that,according to WEEE(Waste of Electrical and Electronic Equipment)Directive(2012/19/EU)and national laws, this type of waste should not be discarded along with your household waste,as it contains potentially hazardous substances that may pose a negative impact on the environment and human health. It should be handed over to an authorized WEEE collection facility for recovery and recycle. Herewith you will be helping effective utilization of natural resources.For more information on disposal of WEEE products, please contact your local municipality, waste management bureau or household waste disposal service.

■ Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use.
1.Please check if the power of the connected equipment matches with that of this product before operation.Adjust the volume to proper level during operation.Do not operate at over-power or high-volume level for extended time to avoid product malfunction or hearing impairment.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local dealer for repair.
3.Keep this product and its accessories in a dry and ventilated area.Do not store in a humid or dusty area for extended time.Keep away from fire, rain, liquid intrusion,bumping, throwing,vibrating,or from blocking any ventilation openings, to prevent malfunction.
4.Please abide by safety rules during operation.Do not use the product in places prohibited by laws or regulations to avoid accident.
5.Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local dealer.

FCC Requirement

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.