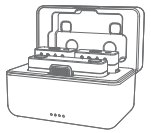
A018GBB1 Ulanzi AM18 无线麦克风Pro
材质：100g书纸
尺寸：95*112mm

Ulanzi

无线麦克风PRO
U-Mic Wireless



AM18
User Manual 使用手册

前言

尊敬的用户,感谢您选购无线麦克风PRO。为了您能更好的了解绕耳本产品，请仔细阅读本说明书。

产品特性

- 双通道无线收音系统，支持同时录制两个音源的声音；
- 2.4G无线传输技术，保证传输稳定，有效距离达100米；
- 麦克风内置高品质金属保险盒高级；
- 麦克风内置32GB存储，最长可录制14小时音频；
- 接收器配有TFT触摸屏，实时显示录音音量、电池电量等信息；
- 支持立体声、单声道，安全保证有三种收音模式；
- 通过机身和麦克风可同时收音高清录音和收音不同步音；
- 接收器具备独立录音窗口，可通过屏幕设置录音音量；
- 标配充电仓可同时为麦克风和接收器充电；

适用范围

- 适用于直播、VLOG、摄像、采访等场合。

包装清单

充电仓 …… 1个
发射器 …… 2个
接收器 …… 1个
配件袋 …… 4套
收纳盒 …… 1个
拍风毛衣 …… 2个
说明书 …… 1本
黑色FT图片 …… 15张

技术参数

充电仓参数

输入电压:DC4.8-5.4V	输入功率:5V/2A
静待电流:10uA-20uA	充电电流:2S1500mA
充电时间:约1.5小时	电池容量:2S1—超级闪充电（发射器*2，接收器*1）
充电方式:Type-C充电线	电池容量:1000mAh*2（带保护板）
单体尺寸:97*58.5*57.9mm	充电仓单体重量:128.5g

发射器参数

采样率:48KHz/16 bit	频率范围:2.4GHz
传输延迟时间:24ms	电池容量:300mAh（单颗伴侣）
频率范围:2.0-70kHZ	工作时间:约14小时（未使用录音时长3小时）
传输距离:无遮挡≥100M	充电时间:约60分钟
充电输入电压:DC4.8-5.4V	重量:23g
音频源:34dBa26B	尺寸:35.8*15.5*45.8mm
信噪比:94dB	充电方式:Pogo pin /Type-C

接收器参数

采样率:48KHz/16 bit	频率范围:2.4GHz
传输延迟时间:24ms	电池容量:300mAh(带保护板)
频偏移方式:触摸	工作时间:约6小时
传输距离:无遮挡≥100M	充电时间:约60分钟
充电输入电压:DC4.8-5.4V	重量:34.5g
音频源:34dBa26B	尺寸:35.8*15.5*45.8mm
信噪比:94dB	充电方式:Pogo pin /Type-C

此参数来自Ulanzi 实验室测试数据，具体使用时间以实际为准。

功能示意

充电仓

接收器

发射器

发射器功能说明

序号	状态	操作方案	操作结果	状态显示
1	开机	电源键	长按3秒，TX蓝灯RX	电池指示灯显示当前电量 电量≥25%：指灯常亮/闪烁常亮 电量≤25%：指灯闪烁/闪烁常亮 电量耗尽：熄灭状态，LED灯显示
2	唤醒	任意键	短按，TX蓝灯RX	/
3	关机	电源键	长按3秒，TX蓝灯RX	LED全部熄灭
4	配对状态	电源键	三连，60秒配对成功后自动配对状态	连接指示灯 配对成功后灯：快闪 连接成功：常亮 断连状态：慢灭
5	静音状态	静音/录音键	长按2秒	绿灯闪
6	正常收音	静音/录音键	长按2秒	绿灯常亮
7	开始录音	静音/录音键	短按	红灯常亮
8	关闭录音	静音/录音键	短按	红灯常亮
9	增益调节	单击加减键	短按 （范围：-10dB→10dB）	在RX显示屏显示
		长按加减	短按 （范围：-10dB→10dB）	
10	充电	TX	放入充电仓内充电	LED全部熄灭
			插上Type-C	充电时：绿灯闪 充满电：常灯常亮
11	低电关机	电池电量	电量小于3%，低电自动关机	LED全部熄灭

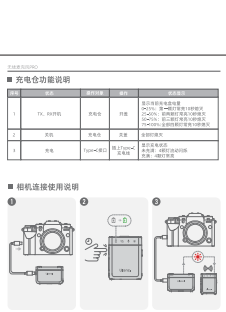
接收器功能说明

序号	状态	操作方案	操作结果	状态显示
1	开机	电源键	长按3秒，RX蓝入回连模式	/
2		RX显示屏	长按3秒，RX蓝入回连模式	/
3	关机	电源键	长按2秒，RX和TX断连	/
4	唤醒（待机）	电源键	短按	/
5	配对模式	电源键	三连，60秒配对成功配对状态	/
6	静音（开/关）	单击静音键	静音	/
7	充电状态	电池电量	电量小于3%	/
8	增益录音器	RX和TX	RX和TX入仓	/
9	监听音量	触控屏	左右滑动 （监听音量调节范围：5格，0%-100%）	/
10	时间设置	触控屏	上下滑动 （自由调高度显示后，上下滑动调动时间，再次点击确定来回切换小数值）	/
11	无选择	RX显示屏	RX和TX入仓	1.闪烁RX红色,调整RX时间数值; 2.点亮RX入仓,等到RX时间数值; 3.闪烁TX红色,调整RX时间数值; 4.点亮RX和入仓,录音RX和TX充电完毕。

充电仓功能说明

序号	状态	操作方案	操作	状态显示
1	TX、RX开机	充电仓	开盖	显示当前电量信息 ≥75%：蓝→绿灯常亮3分钟熄灭 ≥50%：绿闪烁灯常亮3分钟熄灭 ≥25%：红三闪灯常亮3分钟熄灭 ≤25%：全部灯熄灭常亮3分钟熄灭
2	关机	充电仓	关盖	全部灯熄灭
3	充电	Type-C接口	插入Type-C数据线	显示充电状态 未充满：绿灯闪烁状态 充满：绿灯常亮

相机连接使用说明

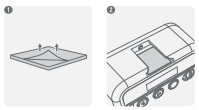


防风毛衣安装说明

将防风毛衣塑料扣对准麦克风孔，用下插入，顺时针旋转90°固定即可。

垫片使用说明

针对不同的耳机口，M-A、B、C不同的孔手中选取相当耳口适配厚度的垫片，保持牢固连接。



安全警示

为避免电击、高温、着火、辐射、爆炸、机械危险以及伤害不法等可能造成的人身伤害或产品失、损坏本产品前，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匹配以及合理调整设备音量大小，不要长期过声压功率达大满量下长时间使用，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，然后将产品送修检测；

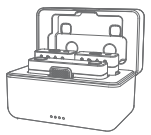
3.本产品及附件都含有宝贵不可重用元素，因长期存放石英晶体，因长期存放石英晶体，使用中要轻拿轻放，防止摔、碰撞、过度碰撞、挤压、振动和高温高湿及、腐蚀损坏其功能；

4.使用过产品时需遵守相关安全规定，请使这些设备在使用设备请勿使用产品，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前进处理。

Ulanzi

Wireless Microphone PRO



AM18
Instruction manual

Foreword

Thank you for purchasing from ULANZI. Please read this manual before using.

Product Features

- Dual-channel wireless radio system, support simultaneous recording of two audio sources
- 2.4G wireless transmission technology, stable signal transmission, effective distance up to 100 meters
- Transmitter built-in high-quality omnidirectional microphone
- The transmitter has a built-in 32GB storage, which can record audio for up to 14 hours
- The receiver is equipped with a TFT touch screen, which can display real-time recording volume, battery power and other information
- Support stereo, mono, safe track three radio modes
- The receiver can be connected to the camera or mobile phone through the expansion interface.
- The receiver has an independent monitoring interface, and the monitoring volume can be set through the screen
- The standard charging case can charge the transmitter and receiver at the same time

Applicability

- Designed for Live Streaming, VLOG, Videography, Interviews and more.

Packing List

Charging Case …… *1
Transmitter …… *2
Receiver …… *1
Accessory Cord …… *6
Storage Bag …… *1
Windscreen …… *2
Instruction Manual …… *1
Black FC Spacer …… *15

Technical Parameters

Charging Case Parameters

Input Voltage: DC4.8-5.4V	Input power: 5V/2A
Standby Current: 10uA-20uA	Charging Current: about 1500mA
Charging Time: About 120 minutes	Battery Life: Support 1 round cycle charging
Charging : Type-C charging cable	(transmitter*2, receiver*1)
Unit Size: 97*58.5*57.9mm	Battery Parameters: 1000mAh*2 (with protection board)
	Charging Compartment unit weight: 128.5g

Transmitter Parameters

Sampling Rate: 48Khz/16bit	Frequency Range: 2.4GHz
Transmission Delay Time: 24ms	Battery Capacity: 300mAh(with protective plate)
Frequency Response Range: 20-20KHZ	Operating Time: About 14 hours
Transmission Distance: 3unlos≥free ≥ 100M	(about 5 hours when local recording is on)
Charging Input Voltage: DC4.8-5.4V	Charging Time: About 90 minutes
Sensitivity: -16dBu±3dB	Weight: 23g
Signal-to-Noise Ratio: 94dB	Size: 35.8*15.5*45.8mm
	Charging Method: Pogo pin/Type-C

Receiver Parameters

Sampling Rate: 48Khz/16bit	Frequency range:2.4GHz
Transmission Delay time:24ms	Battery capacity:300mAh(with protective plate)
Screen Operation Mode:touch	Operating time:About 6 hours
Transmission Distance: 3unlos≥free ≥ 100M	Charging time:About 90 minutes
Charging Input Voltage:DC4.8-5.4V	Weight:34.5g
Sensitivity:-16dBu±2dB	Size:35.8*15.5*45.8mm
Signal-to-Noise Ratio:94dB	Charging Method:Pogo pin/Type-C

This data comes from Ulanzi laboratory test data, the specific usage time is subject to the actual situation

Function Schematic

Charging Case

Receiver

Transmitter

Transmitter Functional Description

No.	Statuses	Operate Button	Operation	Condition Display
1	Power On	Power button	Long press for 3 seconds, TX connects back to RX.	Battery indicator shows current power status, green light always on for 3 seconds off
2	Wake Up	Any button	Short press, TX connects back to RX.	Power +25%: red light blinks 3 times and goes out
3	Shutdown	Power button	Long press for 2 seconds, TX connects back to RX.	Power off, and stop the function of battery, no LED display
4	Pairing Status	Power button	Triple press, 60 seconds timeout to exit pairing status.	LEDs all off
				Connection Indicator Flashing in reconnecting; blinking 3 times and off Successful connection: Always on Disconnected: off
5	Mute	Multi-Record button	Long press 2 seconds	Green light flashing
6	Normal Recording	Multi-Record button	Long press 2 seconds	Green light always on
7	Recording on	Multi-Record button	Short press	Red light always on
8	Record off	Multi-Record button	Short press	Red light off
9	Gain Adjustment	Gain plus / minus button	Short press Range: +10dB-(-10dB)	/
		Touch Screen	Slide left and right Range: +10dB-(-10dB)	
10	Charge	TX	Put it into the charging case and close the cover	All LEDs off
				Charging: Green light flashes Fully charged: green light always on
11	Low Battery Shutdown	Battery Level	Battery less than 3%, low-battery auto shutdown	All LEDs off

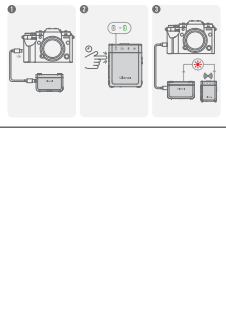
Receiver Functional Description

No.	Statuses	Operate Button	Operation	Condition Display
1	Power Off	Power button	Long press for 3 seconds, RX enters the connection mode	/
2		RX display	Long press for 3 seconds, RX enters the connection mode	/
3	Shutdown	Power button	Long press for 2 seconds, RX and TX are disconnected	/
4	Wake up (standby)	Power button	Short press	/
5	Pairing Mode	Power button	Triple press, 60 seconds timeout to exit pairing status.	/
6	Mute/ unmute	单击 Multi-Inn 按键 Multi-Inn	Short press	/
7	Low power shutdown	Battery power	Battery less than 3%	/
8	Receive video clips	RX and TX	RX and TX into Case	/
9	Monitor volume	touch screen	Slide left and right (monitoring volume adjustment range: 5 grids, 0%-100%)	/
10	Time setting	touch screen	Swipe up and down Click to wait until the setting status is displayed, then swipe up and down to change the value, and click again to exit the setting status and confirm the value)	/
11	No-connection	RX display	RX and TX into Case	1. Only RX is in the case, and the RX charging icon is displayed on the screen. 2. RX and TX1 are put into case, and the RX and TX charging icons are displayed on the screen. 3. RX and TX2 are put into case, and the RX and TX charging icons are displayed on the screen. 4. RX and TX1&2 are put into case, and the RX and TX1&2 charging icons are displayed on the screen.

Charging case function description

No.	Statuses	Operate Button	Operation	Condition Display
1	TX, RX power on	Charging Case	Open	Display the current battery level of the charging box ≥25%: The first light is always on for 10 seconds and goes out ≥50%: The first two lights are always on for 10 seconds and turn off ≥75%: The first three lights are always on for 10 seconds and then off 75-100%: All four lights are on for 10 seconds and then off
2	shutdown	Charging Case	Close	All lights off
3	Charging	Type-C Port	Plug into the Type-C charging cable	Charging status display: 1. Not fully charged: 4 lights flashing in a flowing motion 2. Fully charged: 4 lights constantly on

Camera Connection Instructions



Windscreens installation instructions

Align the plastic buckle of the windscreen with the groove of the transmitter, insert it downward, and rotate it clockwise 90° to fix it.

Gasket Instructions

For different cold shoes port, choose a gasket with a thickness suitable, tear off the adhesive sticker, and stick it on the cold boot opening.

Safety Alert

To avoid personal injury or property damage that may be caused by electric shock, high temperature, fire, radiation, explosion, mechanical hazards, and improper use, please read and abide by the following items carefully before using this product:

1. When using the product, please confirm whether the power of the connected device matches the product and adjust the volume of the device reasonably. Do not use it for a long time under the power of the product and high volume, so as not to cause abnormalities in the product;
2. If any abnormality (such as smoke, peculiar smell, etc.) is found during use, please immediately turn off the power switch and unplug the power plug, and then send the product to the dealer for repair;

3. This product and accessories should be placed in a dry and ventilated place indoors. Do not store it in a humid or dusty environment for a long time. During use, avoid close to fire sources, rain, water, excessive collision, throwing, vibration of the machine and cover ventilation hole to avoid damaging its function;
4. When using this product, you must abide by the relevant safety regulations. Laws and regulations clearly prohibit the use of the product, so as not to cause accidents;
5. Please do not disassemble, refit or repair by yourself to prevent personal injury. If you have any questions or service needs, please contact your local dealer for follow-up.

FCC Caution

Any Changes or modifications not expressly approved by they party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmfulinterference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limitset forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0 mm between the radiatiend your bolty.
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 canradiate 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 orteleivision 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 differentfrom that to which the receiver is connected.
•Consult the dealer or an experienced radio/TV technianfor help.