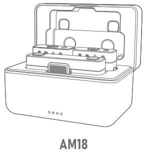
A018GBB1 Ulanzi AM18 无线麦克风Pro

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

- 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，信号传输稳定，有效距离达100米；
- 发射器内置高品质全指向型麦克风；
- 发射器内置8GB存储，最长可录制14小时音频；
- 接收器配备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、安全音轨三种收音模式；
- 通过机身拓展接口可将接收器连接至相机或手机使用；
- 接收器具备独立监听接口，可通过屏幕设置监听音量；
- 标配充电仓可同时为发射器和接收器充电；

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
配件线	4条
收纳袋	1个
防风毛衣	2个
说明书	1本
黑色PC垫片	15片

技术参数

充电仓参数

输入电压:DC4.8~5.4V
静待电流:10uA-20uA
充电时间:约120分钟
充电方式:Type-C充电线
单体尺寸:97*58.5*57.9mm
输入功率:5V/2A
充电电流:约1500mA
电池续航:支持一轮循环充电（发射器*2，接收器*1）
电池参数:1000mAh*2（带保护板）
充电仓单体重量:128.5g

发射器参数

采样率:48Khz/16 bit
传输延迟时间:24ms
频响范围:20-20kHZ
传输距离:无障碍≥100M
充电输入电压:DC4.8~5.4V
灵敏度:-36dB±2dB
信噪比:94dB
频率范围:2.4GHz
电池容量:300mAh（带保护板）
工作时间:约14小时（本地录音时约5小时）
充电时间:约90分钟
重量:23g
尺寸:35.6*15.5*45.8mm
充电方式:Pogo pin /Type-C

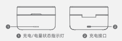
接收器参数

采样率:48Khz/16 bit
传输延迟时间:24ms
屏幕操作方式:触摸
传输距离:无障碍≥100M
充电输入电压:DC4.8~5.4V
灵敏度:-36dB±2dB
信噪比:94dB
频率范围:2.4GHz
电池容量:300mAh(带保护板)
工作时间:约6小时
充电时间:约90分钟
重量:34.5g
尺寸:35.6*15.5*45.8mm
充电方式:Pogo pin /Type-C

此数据来自Ulanzi 实验室测试数据，具体使用时长以实际为准！

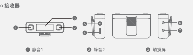
功能示意

○ 充电仓



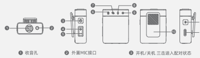
❶ 充电/电量状态指示灯 ❷ 充电接口

○ 接收器



❶ 静音1 ❷ 静音2 ❸ 触摸屏
❹ 充电与数据传输接口 ❺ 长按开机/关机 单击锁定或解锁屏幕 三击进入配对状态 ❻ 监听接口
❼ 与手机或相机通信接口

○ 发射器



❶ 收音孔 ❷ 外置MIC接口 ❸ 开机/关机 三击进入配对状态
❹ dB+ ❺ dB- ❻ 充电状态指示
❼ 连接状态指示 ❽ 收音状态/静音状态指示 ❾ 本地录音状态指示
❿ 背夹 ⓫ 单击开启/关闭本地录音 长按开启/关闭静音 ⓬ 充电与数据传输接口

发射器功能说明

序号	状态	操作对象	操作/现象	状态显示
1	开机	电源键	长按3秒，TX回连RX	电池指示灯显示当前电量 电量≥25%：绿灯常亮3秒熄灭 电量<25%：红灯快闪3次熄灭 电量耗尽：按键无功能，LED无显示
2	唤醒	任意键	短按，TX回连RX	
3	关机	电源键	长按3秒，TX回连RX	LED全部熄灭
4	配对状态	电源键	三击，60秒配对超时后退出配对状态	连接指示灯 配对或回连中：快闪 连接成功：常亮 断连状态：熄灭
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	开启录音	静音/录音键	短按	红灯常亮
8	关闭录音	静音/录音键	短按	红灯关闭
9	增益调节	增益加减键	短按（范围：-10dB~+10dB）	在RX显示屏显示
		触控屏	左右滑动（范围：-10dB~+10dB）	
10	充电	TX	放入充电仓内关盖	LED全部熄灭
			插上Type-C	充电时：绿灯闪 充满电：绿灯常亮
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

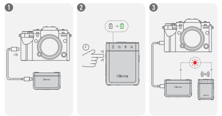
接收器功能说明

序号	状态	操作对象	操作/现象	状态显示
1	开机	电源键	长按3秒，RX进入回连模式	/
2		RX显示屏	长按3秒，RX进入回连模式	/
3	关机	电源键	长按3秒，RX和TX断连	/
4	屏幕（开/关）	电源键	短按	/
5	配对模式	电源键	三击，60秒超时退出配对状态	/
6	静音（开/关）	MIC1静音键 MIC2静音键	短按	/
7	低电关机	电池电量	电量小于3%	/
8	接收器屏显	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档，0%~100%）	/
10	时间设置	触控屏	上下滑动（点击数值反显显示后，上下滑动修改数值，再次点击退出反显状态确认数值）	/
11	无连接	RX显示屏	RX和TX入仓	1.只有RX入仓,屏显RX充电图标； 2.RX和TX1入仓,屏显RX和TX充电图标； 3.RX和TX2入仓,屏显RX和TX充电图标； 4.RX和TX1&2入仓,屏显RX和TX1&2充电图标。

充电仓功能说明

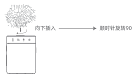
序号	状态	操作对象	操作	状态显示
1	TX、RX开机	充电仓	开盖	显示当前充电盒电量 0-25%：第一颗灯常亮10秒熄灭 25-50%：前两颗灯常亮10秒熄灭 50-75%：前三颗灯常亮10秒熄灭 75-100%:全部四颗灯常亮10秒熄灭
2	关机	充电仓	关盖	全部灯熄灭
3	充电	Type-C接口	插上Type-C充电线	显示充电状态 未充满：4颗灯流动闪烁 充满：4颗灯常亮

相机连接使用说明



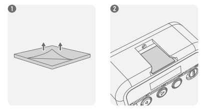
防风毛衣安装说明

将防风毛衣塑料扣对准发射器凹槽，向下插入，顺时针旋转90°固定即可。



垫片使用说明

针对不同的冷靴口，从A、B、C不同的袋子中选取和冷靴口适配厚度的垫片，撕掉背胶贴纸，粘贴于冷靴口处。



安全警示

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；

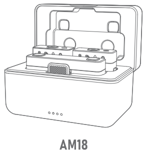
3.本产品及附件都应放置在室内干燥通风处，勿长期存放在潮湿、灰尘多的环境，使用中避免靠近火源、雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔，避免损坏其功能；

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。

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 8GB 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	*4
Storage Bag	*1
Windscreen	*2
Instruction Manual	*1
Black PC Spacer	*15

Technical Parameters

Charging Case Parameters

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

Transmitter Parameters

Sampling Rate: 48Khz/16bit
Transmission Delay Time: 24ms
Frequency Response Range: 20-20kHZ
Transmission Distance: barrier-free >100M
Charging Input Voltage: DC4.8~5.4V
Sensitivity: -36dB±2dB
Signal-noise Ratio: 94dB
Frequency Range: 2.4GHz
Battery Capacity: 300mAh(with protective plate)
Operating Time: About 14 hours (about 5 hours when local recording is on)
Charging Time: About 90 minutes
Weight: 23g
Size: 35.6*15.5*45.8mm
Charging Method: Pogo pin/Type-C

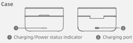
Receiver Parameters

Sampling Rate:48Khz/16bit
Transmission Delay time:24ms
Screen Operation Mode:touch
Transmission Distance: barrier-free ≥ 100M
Charging Input Voltage:DC4.8~5.4V
Sensitivity:-36dB±2dB
Signal-noise Ratio:94dB
Frequency range:2.4GHz
Battery capacity:300mAh(with protective plate)
Operating time:About 6 hours
Charging time:About 90 minutes
Weight:34.5g
Size:35.6*15.5*45.8mm
Charging Method:Pogo pin/Type-C

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

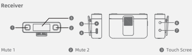
Function Schematic

○ Charging Case



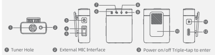
❶ Charging/Power status indicator ❷ Charging port

○ Receiver



❶ Mute 1 ❷ Mute 2 ❸ Touch Screen
❹ Charging & Data Transfer Port ❺ Long press to turn on/off the power Single-tap to lock or unlock the screen Triple-tap to enter pairing ❻ Listener Port
❼ 与手机或相机通信接口

○ Transmitter



❶ Tuner Hole ❷ External MIC Interface ❸ Power on/off Triple-tap to enter pairing status
❹ dB+ ❺ dB- ❻ Charging status indication
❼ Connection Status Indicator ❽ Receiving status/mute status indication ❾ Local recording status indication
❿ Lapel Clip ⓫ Click to turn on/off local recording Long press to turn on/off mute ⓬ Charging and data transfer Port

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 level power>25%: green light always on for 3 seconds off Power <25%: red light blinks 3 times and goes out Battery depletion: no function of buttons, no LED display
2	Wake Up	Any button	Short press, TX connects back to RX.	
3	Shutdown	Power button	Long press for 3 seconds, TX connects back to RX.	LEDs all off
4	Pairing status	Power button	Triple press, 60 seconds timeout to exit pairing status.	Connection Indicator. Pairing or reconnecting: blinking fast Successful connection: Always on Disconnected: off
5	Mute	Mute/Record button	Long press 2 seconds	Green light flashing
6	Normal Recording	Mute/Record button	Long press 2 seconds	Green light always on
7	Recording on	Mute/Record button	Short press	Red light always on
8	Record Off	Mute/Record button	Short press	Red light off
9	Gain Adjustment	Gain plus /minus button	Short press (range: -10dB~+10dB)	The RX display shows
		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
			Plug in Type-C	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

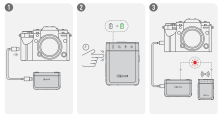
Receiver Functional Description

No.	Statuses	Operate Button	Operation	Condition Display
1	Power on	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 3 seconds, RX and TX are disconnected	/
4	Turn on/unlock the screen lock	Power button	Short press	/
5	Pairing mode	Power button	Triple press, 60 seconds timeout to exit pairing status.	/
6	Mute/ unmute	MIC1 Mute key MIC2 Mute key	Short press	/
7	Low power shutdown	battery power	Battery less than 3%	/
8	Receiver screen display	RX and TX	RX and TX into Case	/
9	Monitor volume	touch screen	Slide left and right (monitoring volume adjustment range: 5 gears, 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

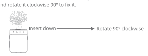
No.	Statuses	Operate Button	Operation	Condition Display
1	TX, RX power on	Charging Case	Open	Display the current battery level of the charging box 0-25%: The first light is always on for 10 seconds and goes out 25-50%: The first two lights are always on for 10 seconds and turn off 50-75%: The first three 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 in 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



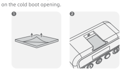
Windscreens installation instructions

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 shots 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 thee 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, ircluding interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limitsset forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0 mm between the radiator& your boby.

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 canadiate 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 ortelevision 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 technicianfor help.