

**PULUZ®**  
**磁吸麦克风**  
**使用说明书**



**Lightning & Type-C 接收器**

**安全信息**

使用本产品前,请详细阅读以下安全说明并遵循所有常规的安全预防措施,任何与本说明书不符的操作都有可能导致本产品的损坏。

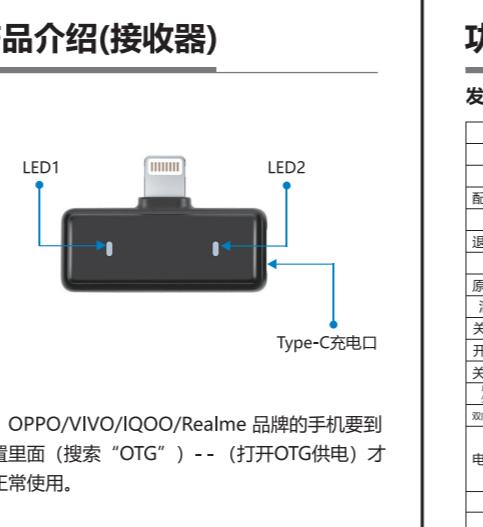
**注意**

- 只有授权的技术人员方可拆解本产品。
- 本产品在充电过程中,如有轻微发热,属于正常现象。
- 请勿将本产品放置在高温、潮湿环境中使用和储藏。
- 请勿将本产品投入水、火中等极端环境。
- 请勿将本产品放置于强磁场环境中,以免引起内部器件损坏。
- 请使用符合3C标准的5V电源适配器进行充电。
- 若产品沾污,可以使用湿润纸巾擦拭,并避免擦拭到接口,以免引起接口短路。

**产品介绍(发射器)**



**产品介绍(接收器)**



**功能操作表**

**发射器-TX**

功能	操作	指示灯	备注
开机	长按KEY1 3S	连接图标闪烁	
关机	长按KEY1 3S	灯灭	
配对成功		连接图标常亮	自动配对
静音	单按状态下双按KEY1	静音图标常亮	
退出静音	静音状态下双按KEY1	静音图标灭灯	
降噪	开机默认降噪	降噪图标常亮	默认开启降噪
原声模式	单击按键KEY 2	降噪图标灭灯	重复按键切回降噪
混响开	双击按键KEY 2	连接图标呼吸亮	默认关闭混响
关闭混响	单按状态下双击按键KEY 2	连接图标恢复常亮	
开启蓝牙	长按KEY2 3S	接收器左边灯红灯闪烁	蓝牙连接成功后,蓝牙常亮
关闭蓝牙	长按KEY2 3S	接收器左边灯灭	蓝牙名: Q90
单向手机外放模式	同时按KEY1, KEY2 1S	接收器左边灯闪频	
双向蓝牙模式	同时按KEY1, KEY2 1S	接收器左边灯闪频	
电量指示	30%-100%电量	电量图标亮蓝灯	
	10%-30%电量	电量图标亮红灯	
	小于10%电量	电量图标红灯闪烁	
充电	充电	充电灯常亮,充满灭灯	
		在无连接状态下,3分钟自动关机	

**功能操作表**

**接收器-RX**

功能	操作	指示灯	备注
开机	插入设备启动	LED1, LED2闪烁	
关机	拔出设备关机	灯灭	
连接一个发射器		亮一颤灯	
连接两个发射器		亮两颤灯	
发射器关机功能		接收器左边灯红灯闪烁	蓝牙连接成功后,蓝牙常亮
工作模式	GFSK	2.4G方案	慧联WS300
收音灵敏度	-38db 正负1db	工作频率	2.4G-2.4835GHz
发射器工作功耗	5uA	有效距离	小于或等于20米
接收器工作功耗	20mA	发射器工作功耗	20mA
咪头信噪比	72db	接收器接收功耗	1A-1.5A
频率响应	20Hz-20KHz	咪头最大升压幅度	126db
麦克风	6027焊线咪	监听	支持双向监听
充电时间	1.5小时	录音时长	5-6H
产品净重	200g	待机时间	(关机状态) 6个月
发射器尺寸	2.7*1.2*2.9cm	发射器电池容量	120mAh
充电输入标准	接触式充电 DC-5V/最大90±10mA	充电状态	

**产品参数**

**麦克风参数特性**

产品名称	磁吸麦克风	蓝牙名称	Q90
控制方式	按键	声道系统	两麦一收
工作模式	GFSK	2.4G方案	慧联WS300
收音灵敏度	-38db 正负1db	工作频率	2.4G-2.4835GHz
发射器关机功耗	5uA	有效距离	小于或等于20米
接收器工作功耗	20mA	发射器工作功耗	20mA
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充电时间	1.5小时	录音时长	5-6H
产品净重	200g	待机时间	(关机状态) 6个月
发射器尺寸	2.7*1.2*2.9cm	发射器电池容量	120mAh
充电输入标准	接触式充电 DC-5V/最大90±10mA	充电状态	

**产品参数**

**充电仓参数特性**

电池容量	700mAh	充满电时间	约2-3小时
最大充电电流	300mA	电量指示	数显
空载待机功耗	小于50uA	充电电源管理芯片	单路检测
带载待机功耗	小于65uA	充电仓尺寸	8.2*4*5cm

**产品配件清单**

型号: PU3155B / PU3156B

- (1) 麦克风发射器\*2
- (4) 充电仓\*1
- (2) 麦克风接收器\*1
- (5) 线缆\*1
- (3) Type-C充电线\*1
- (6) 产品说明书\*1

**常见问题**

故障现象	解决方法
无法开机	可能电池电量低,请先给设备充电
充电时无灯显	有可能是充电线或适配器坏,请更换后再充电
录音或直播时音量小	请查看收音咪头是否有被遮挡,或适当调整音量

**制造商标识**

制造商: 深圳市脾牛科技有限公司  
地址: 广东省深圳市福田区八卦一路工业区148栋  
CE FCC ROHS  
中国制造

**PULUZ®**  
**Magnetic Microphone**  
**User Manual**



**Lightning & Type-C Receiver**

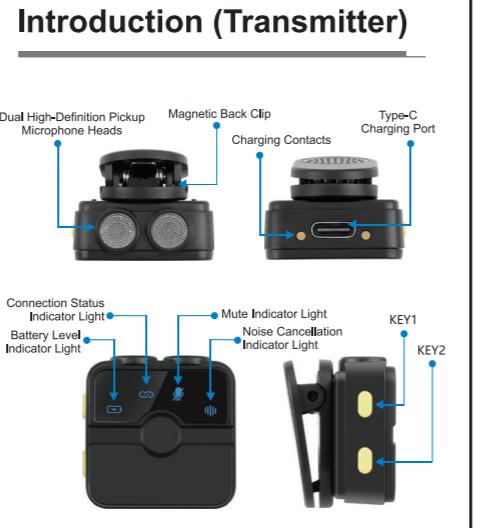
**Security Information**

Please read the following safety instructions manual in detail and follow all normal safety precautions before using this product, any operation inconsistent with this manual may cause damage to this product.

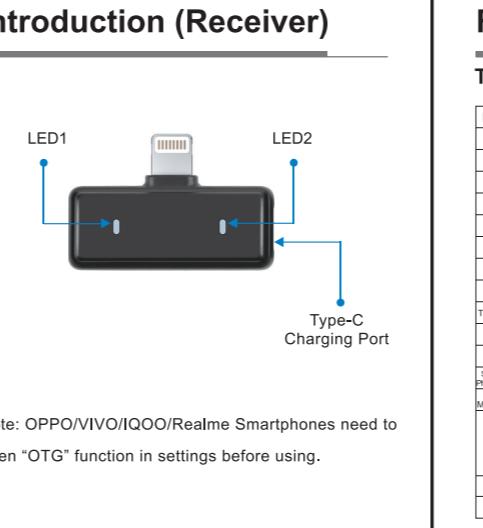
**Notice :**

- Only authorized technicians can disassemble this product.
- It's a normal phenomenon if there is a slight fever during charging.
- Please do not place this product in a high-temperature and humid environment for use and storage.
- Please do not put this product into extreme environments such as water and fire.
- Please do not place this product in a strong magnetic environment to avoid damage to internal devices.
- Please use 5V power supply adapter conforming to 3C standard for charging.
- If the product is dirty, use a wet tissue to wipe it, and avoid wiping it to the interface so as not to cause a short circuit of the interface.

**Introduction (Transmitter)**



**Introduction (Receiver)**



**Function Operation Table**

**Transmitter-TX**

Function	Operate	Indicator Light	Remark
Power On	Long Press KEY1 for 3 Seconds	Connection Icon Flashing	
Power Off	Power Off When Device is Removed	Indicator Light Off	
Paring	Double Click KEY1 for 1 Second	Connection Icon Constantly On	Auto Pairing
Mute	Double Click KEY1 in Mute Mode	Mute Icon Constantly On	
Exit Mute	Double Click KEY1 in Mute Mode	Mute Icon Off	
Noise Cancellation	Noise Cancellation Default On	Noise Cancellation Icon On	Default Noise Cancellation On
Sound Mode	Single Press KEY2	Noise Cancellation Icon Off	Noise Cancellation Back to Noise Cancellation
Revert On	Double Click KEY2	Connection Icon Returns	Revert Default Off
Turn On Bluetooth	Double Click KEY2 for 3 Seconds	Connection Icon On	After Bluetooth Connection, Red Light On
Turn Off Bluetooth	Long Press KEY2 for 3 Seconds	Receiver Double Light Flashing Red	Bluetooth Name: Q90
Single Division	Press KEY1 and KEY2 Simultaneously for 1 Second	Receiver Double Light Flashing Red	Default Two-Way Mode on Startup
Two-Way Monitoring	In External Mode, Press KEY1 and KEY2 Simultaneously for 1 Second	Receiver Double Light Flash 6 Times	Default Two-Way Mode on Startup
Battery Level Indicator	30%-100% Battery Level	Battery Icon Lit Blue	
	10%-30% Battery Level	Battery Icon Lit Red	
	Less Than 10% Battery Level	Battery Icon Flashing Red	
Charging	Red Light On During Charging, Turns Off When Fully Charged		
	Auto Shutdown After 3 Minutes of No Connection		

**Function Operation Table**

**Receiver - RX**

Function	Operate	Indicator Light	Remark
Power On	Automatically Power On When Device is Inserted	LED2 Flashing	
Power Off	Power Off When Device is Removed	Indicator Light Off	
Connect One Transmitter		One Light On	
Connect Two Transmitters		Two Lights On	
Turn On Bluetooth	Operate Transmitter Button	Receiver Left Light Flashing Red	After Bluetooth Connection, Red Light On
Turn Off Bluetooth	Operate Transmitter Button	Receiver Left Light Off	Bluetooth Name: Q90
Disconnected		LED1, LED2 Flashing	

**Product Parameters**

**Microphone Parameter Features**

Product Name	Magnetic Microphone	Bluetooth Name	Q90
Control Method	Button	声道系统	Two Transmitters and One Receiver
Working Format	GFSK	2.4G Solution	Smartlink WS300
Radio Sensitivity	-38db +/-1db	Working Frequency	2.4G-2.4835GHz
Transmitter Shutdown Power Consumption	5uA	Effective Distance	Less Than or Equal to 20 Meters
Transmitter Working Power Consumption	20mA	Receiver Working Power Consumption	20mA
Microphone Signal-to-Noise Ratio	72db	Microphone Noise Reduction Boost Level	1A-1.5A
Frequency Response	20Hz-20KHz	Microphone Noise Reduction	126db
Microphone	6027 Welding Wire Microphone	Monitoring	Support Two-way Monitoring
Charging Time	1.5 Hours	Recording Time	5-6 Hours
Net Weight	200g	Standby Time	(Power Off) 6 Months
Transmitter Size	2.7*1.2*2.9cm	Transmitter Battery Capacity	120mAh
Charging Input Standard	Contact Charging DC-5V/Max 90±10mA	Charging Status	

**Product Parameters**

**Charging Case Parameter Features**

Battery Capacity	700mAh	Full Charge Time	About 2-3 Hours
Max Charging Current	300mA	Power Indicator	Digital Display
No-Load Standby Power Consumption	Less Than 50uA	Charging Power Consumption	Single-channel Detection
Load Standby Power Consumption	Less Than 65uA	Charging Case Size	8.2*4*5cm

**Common Problem**

Failure Phenomena	Solution
Can not boot	The battery may be low, please charge the device first
No light display when charging	It is possible that the charging cable or adapter is damaged, please replace it and then charge again
Low volume during recording or live streaming	Please check whether the radio microphone is blocked, recording or live streaming or adjust the volume appropriately

**Package Contents**

Model: PU3155B / PU3156B

- (1) Microphone transmitter\*2
- (4) Charging case\*1
- (2) Microphone receiver\*1
- (5) Flat cable\*1
- (3) Type-C charging cable\*1
- (6) Product manual\*1

**制造商标识**

制造商: Shenzhen PULUZ Technology Limited  
地址: 8/F, 614 Bldg, Bagua 1st Road, Futian, Shenzhen, China  
E-mail: support@pulu.com  
CE FCC ROHS  
中国制造

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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 harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.