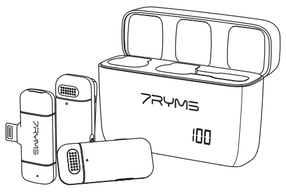
7RYMS



Rimo S1 LN

2.4G Dual-channel Wireless Microphone

User Manual

Foreword

Thanks for purchasing 7RYMS 2.4G Dual-channel Wireless Microphone Rimo S1 LN.

Notice

⚠ Due to 2.4G wireless characteristics, please keep face to face when using, and don't turn your back to the receiver, otherwise it is easy to generate breakpoints, which is a normal phenomenon.

⚠ Due to the characteristics of lithium batteries, the transmitter's charging indicator will show an inaccurate battery level when the charging starts, and the actual power may be lower than the indicated power. If the transmitter runs out of power, it will take more than two hours to get fully charged.

⚠ Please put the receiver back into the charging case with the charging port facing upwards.

⚠ Please do not expose the product to rain or moisture, and avoid having water or other liquids spilled on it.

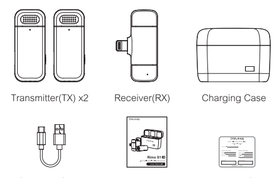
⚠ Please do not use or store the product near any heat sources such as radiators, stoves, or other heat-producing appliances.

⚠ This product is a high-precision product, please prevent it from dropping or colliding.

Main Features

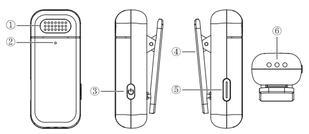
- 48kHz/16bit Audio Recording, CD Level Sound Quality
- USB Digital Output, Widely Compatible with Phone & Computer
- Built-in DSP Chip, Support One-key Denoise
- USB Charging/Monitoring Port, Support Pass-through Phone Charging
- Nixie Tube Display to Monitor Battery Level in Real Time
- Rechargeable Storage Case, Operating Time Up to 16 Hours
- Low latency<20ms, Working Range Up to 50m(Open Area)

Packing List



Components and Instruction

Transmitter(TX):



1. Internal Mic
2. Transmitter Status Indicator:

Blinking Pattern	Function
Flashes red and green alternately	Power on(pairing)
Shows green	Paired
Shows yellow after blinks green 3 times	Denoise on
Blinks green once	Denoise off

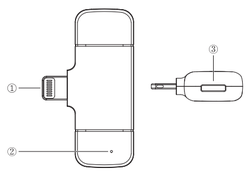
Blinking Pattern	Battery Level
Blinks red once every 10 seconds	Low Battery
Shows red	Charging
Red light off	Fully charged

3. Function Control Button

Operation	Function
Press and hold for 3 seconds	Power on/off
Short press once	Denoise on/off

4. Belt Clip
5. USB-C Charging/Monitoring Port
   Real-time monitor audio recorded by transmitters or connect to a power bank or DC power to charge.
   It is recommended to use USB-C headphone without DAC chip for better monitoring experience.
6. Charging Contacts

Receiver(RX):

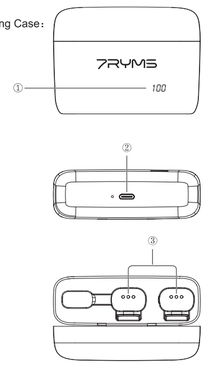


1. Lightning Plug
2. Receiver Status Indicator:

Blinking Pattern	Function
Blinks red slowly	Power on when plug in(pairing)
Shows red	Paired

3. Lightning Charging Port
   Connect the power bank/DC power to charge the device.

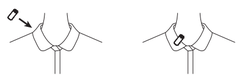
Charging Case:



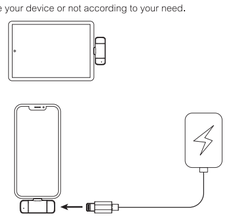
1. Charging Case Status Indicator
   Shows the current battery level; The single digit word blinks while charging.
2. USB-C Charging Port
   Connect the power bank/DC power to charge the charging case.
3. Charging Contacts

Usage

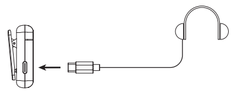
1. Turn on and install the transmitter on the collar so that the internal mic points to the sound source.



2. Attach the receiver to the Lightning devices. Choose whether to charge your device or not according to your need.



3. Connect USB-C headphones to transmitter's charging/monitoring port to monitor. Choose whether to monitor or not according to your need.



Specifications

Wireless Type	2.4GHz
Antenna	Ceramic Antenna
Transmitting Power	10dBm
Sensitivity	-41±3dB
Polar Pattern	Omnidirectional
Frequency Response	80Hz ~ 20kHz
S/N	65dB
Equivalent Noise	29dBA
Maximum SPL	100dB
Dynamic Range	71dB
Sound Delay	<20ms
Sampling Rate	48kHz
Bit Depth	16bit
Battery	TX: Built-in Li-ion Battery 95mAh 3.7V Charging Case: Built-in Li-ion Battery 400mAh 3.7V
Charging Time	TX: 2 Hours Charging Case: 2 Hours
Standby Time	TX: 8 Hours Charging Case: Once
Net Weight	TX: 9.5g RX: 4.5g Charging Case: 61g
Dimension	TX: 45 x 19 x 18.5mm RX: 45 x 25 x 8.5mm Charging Case: 85.5 x 63 x 29mm
Working Temperature	0℃ ~ 50℃
Storage Temperature	-20℃ ~ 60℃

Website: 7ryms.com
Facebook: 7RYMS
Instagram: 7ryms_official
YouTube: 7RYMS

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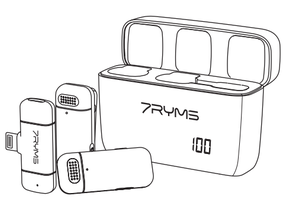
7RYMS七语



Rimo S1 LN

2.4G双通道无线麦克风

用户使用说明书

前言

感谢您购买七语2.4G双通道无线麦克风Rimo S1 LN

产品主要功能

- 48kHz/16bit录音,CD级音质
- USB数字输出，广泛兼容手机、电脑
- 内置DSP降噪芯片，支持一键降噪
- USB充电/监听接口，支持手机直通充电
- 数显电量显示，实时监控充电盒电量
- 可收纳多功能充电盒，总续航高达16小时
- 低音频延迟＜20ms，无线传输距离高达50米（空旷环境）

注意事项

⚠ 由于2.4G无线特性，使用时尽量保持面对面，避免背对的情况，否则容易产生断点，属正常现象

⚠ 由于锂电池的特性，发射器充电开始时存在虚电现象，实际电量可能会低于显示电量，若电量完全耗尽， 需要充电两小时以上才能充满

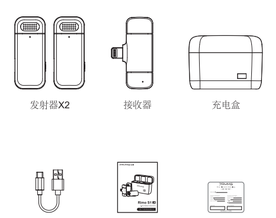
⚠ 收纳时请将接收器充电接口向上放回充电盒

⚠ 请将该产品放置在干燥环境中保存；请勿在雨中或潮湿的环境中使用该设备，以免发生短路

⚠ 请勿将产品放置在散热器、烤箱、冰箱、空调等热源或干扰源附近使用

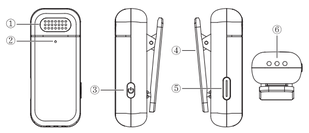
⚠ 本产品属于高精密仪器类产品，请勿掉落、碰撞或撞击产品

包装清单



部件介绍及说明

发射器：



1. 内置咪头
2. 发射器状态灯

指示灯状态	功能状态
红绿灯交替闪烁	开机（自动进入配对状态）
绿灯长亮	配对成功
绿灯闪烁三次后黄灯长亮	降噪开启
绿灯闪烁一次	降噪关闭

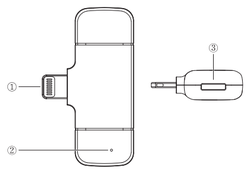
指示灯状态	电池状态
红灯每十秒闪烁一次	低电量
红灯长亮	正在充电
红灯熄灭	电量已满

3. 功能控制按键

操作方法	功能
长按三秒	开/关机
快速短按一次	开启/关闭降噪

4. 背夹
5. USB-C充电/监听接口
   实时监听发射器录制的声音或连接充电宝/DC电源充电
   为获得最佳监听效果，建议使用不带芯片的USB-C耳机进行监听
6. 充电触点

接收器：

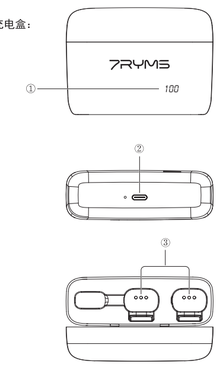


1. Lightning插头
2. 接收器状态灯

指示灯状态	功能状态
红灯慢闪	插入设备后开机（自动进入配对状态）
红灯长亮	配对成功

3. Lightning充电接口
   接收器插入设备后，连接充电宝/DC电源给设备充电

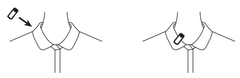
充电盒：



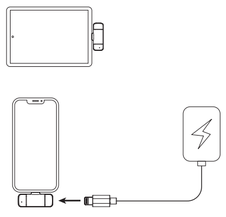
1. 充电盒状态灯
   显示当前电量；充电时个位数字闪烁
2. USB-C充电接口
   连接充电宝/DC电源给充电盒充电
3. 充电触点

使用方法

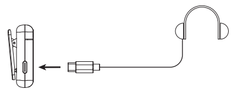
1. 将发射器开机并安装到衣领上，使内置麦克风指向音源方向



2. 将接收器接入Lightning接口的设备即可使用，可根据个人需求选择是否给设备充电



3. 将USB-C耳机插入发射器充电/监听接口进行实时监听，可根据个人需求选择是否监听



技术规格

无线类型	2.4GHz
天线	陶瓷天线
发射功率	10dBm
麦克风灵敏度	-41±3dB
麦克风指向性	全指向
麦克风频率响应	80Hz ~ 20kHz
系统信噪比	65dB
系统等效噪声	29dBA
最大声压级	100dB
动态范围	71dB
声音延迟	<20ms
采样率	48kHz
位深	16bit
电池类型	发射器: 锂聚合物 95mAh 3.7V 充电盒: 锂聚合物 400mAh 3.7V
充电时间	发射器: 2小时 充电盒: 2小时
续航时间	发射器: 8小时 充电盒: 1次
净重	发射器: 9.5g 接收器: 4.5g 充电盒: 61g
尺寸	发射器: 45 x 19 x 18.5mm 接收器: 45 x 25 x 8.5mm 充电盒: 85.5 x 63 x 29mm
工作温度	0℃ ~ 50℃
存储温度	-20℃ ~ 60℃

扫二维码关注
七语官方公众号

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