

Saramonic

2.4GHz Dual-channel Wireless Microphone System

2.4GHz双通道无线麦克风系统

Blink500 ProX B3-B6

User Manual
用户手册



General Introduction

The Saramonic Blink500 ProX is a lightweight, ultracompact and easy-to-use wireless microphone system for up to 2 people. The microphone delivers exceptional, broadcast-quality sound for live streaming, vlogging, mobile journalism and more. It features up-to-100 meters operating range, real-time audio monitoring and a selectable Mono/ Stereo output setting.

The Blink500 ProX TX clip-on transmitter has a great-sounding built-in omnidirectional microphone and it is small and light enough to clip to shirts and clothing, or you can use it as a traditional belt pack transmitter with the included lavalier microphone. The transmitter delivers a remarkable 10-hour run time on a single charge. The included charging case allows you to charge the transmitter anywhere.

Blink500 ProX RXDi receiver features an MFi Certified Lightning output, designed for iOS devices with a Lightning port, while Blink500 ProX RXUC receiver features a USB-C output, designed for mobile devices with a USB-C port.

Statement

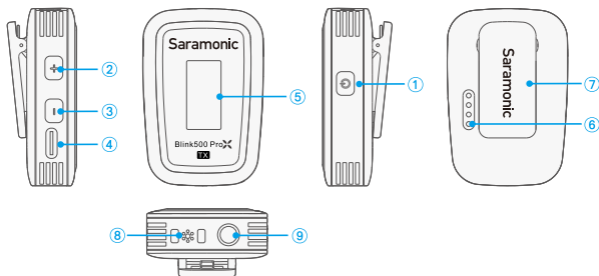
Please read this manual carefully before using and strictly operate and store it in accordance with the instructions. Please save the manual for your future reference. If you need further assistance than the user manual, please consult your retailer for help or email us: info@saramonic.com

Cautions

1. Non-professional teardown is strictly prohibited.
2. Please keep it away from heat sources such as radiators or spotlights.
3. Do not remove the battery without professionals' help.
4. Please clean the device with only a soft, dry cloth.
5. When using and storing, please keep away from the dust and moisture.
6. For the best pick-up pattern, do not hold your hand against the microphone capsule cover.

Product Structure

Blink500 ProX TX: Body-Pack Transmitter



① Power/Mute button

Function	Operation
Power ON/ OFF	Long press for 2 seconds
Mute ON/ OFF	Short press

② +/SET Button

Function	Operation
+	On home screen, short press to increase mic gain. On menu screen, short press to select different functions or values shown on the display.
SET	On home screen, long press to enter the menu screen. On menu screen, long press to enter the displayed menu. Then, long press again to confirm your option.

③ - Button

Function	Operation
—	On home screen, short press to decrease mic gain. On menu screen, short press to select different functions or values shown on the display.
BACK	On menu screen, long press to return to home screen.

④ USB-C Charging Port (DC 5V)

⑤ OLED Display

Display menus, please refer to "OLED Display Introduction" for more details.

⑥ Charging Contacts

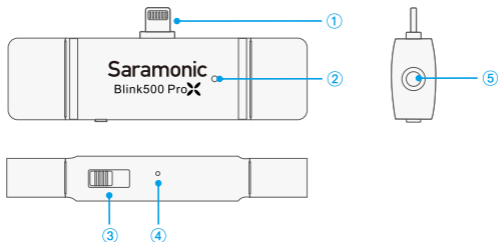
⑦ Belt Clip

⑧ Built-in Microphone

⑨ MIC/LINE IN Jack

It can be connected to the 3.5mm lavalier microphones, and other 3.5mm microphones or line-in devices.

Blink500 ProX RXDi: Compact Receiver with Lightning Connector



① MFi Certified Lightning Connector

It can be connected to an iOS Lightning device.

② Status Indicator

Status	Indicator
Unpaired	Blinking blue slowly
Pairing	Blinking blue quickly
Paired Successfully	Static blue

③ Mono/ Stereo Toggle

The output mode can be set to Mono or Stereo. When under Mono output mode, the audio recorded by the two transmitters will be in one channel. When under Stereo output mode, the two transmitter's audio will be separated into left and right channels.

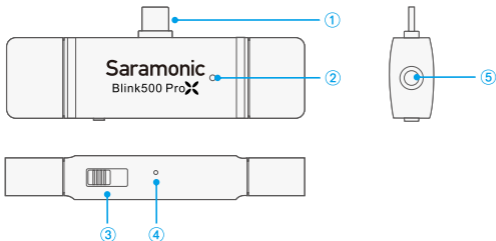
④ Pairing Pinhole

Use the included pairing pin to insert and hold for 3 seconds to enter pairing mode.

⑤ 3.5mm (TRS/ TRRS) Headphones Output

Connect your headphones or earphones for audio monitoring.

Blink500 ProX RXUC: Compact Receiver with USB-C Connector



① USB-C Connector

It can be connected to an Android Smartphone, Tablet, Computer and other USB-C devices.

② Status Indicator

Status	Indicator
Unpaired	Blinking blue slowly
Pairing	Blinking blue quickly
Paired Successfully	Static blue

③ Mono/ Stereo Toggle

The output mode can be set to Mono or Stereo. When under Mono output mode, the audio recorded by the two transmitters will be in one channel. When under Stereo output mode, the two transmitters' audio will be separated into left and right channels.

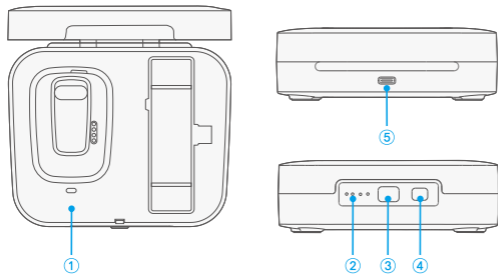
④ Pairing Pinhole

Use the included pairing pin to insert and hold for 3 seconds to enter pairing mode.

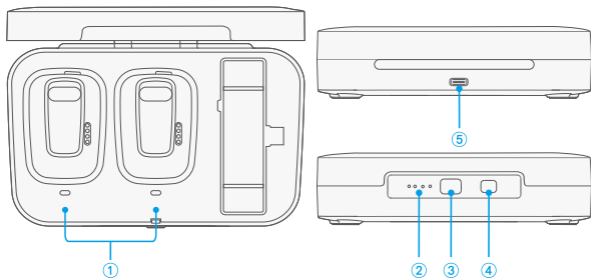
⑤ 3.5mm (TRS/ TRRS) Headphones Output

Connect your headphones or earphones for audio monitoring.

Blink500 ProX B3/5BOX Charging Case



Blink500 ProX B4/6BOX Charging Case









① TX(s) Charging Indicator

Charging = Static red (TX(s)' battery level indicator flashes in cycle.)

Fully charged = Lights off (TX(s)' battery level indicator is static and full.)

② Case Power Capacity Indicator

Indicator	Status
	Charging (Blinking blue in cycle)
	Full charged
	Current battery level (75%)
	Low battery (25%)
	Battery runs out/ Case closed
	Charging TX (Blinking blue for 1 minute)

③ OPEN Button

④ Case Battery Detection Button

Short press the button, then the power capacity indicator of the charging case lights up, showing the current remaining battery.

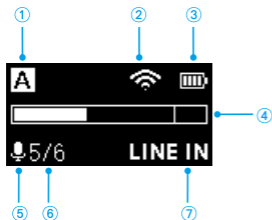
HINT: Short press the detection button as case closed, and its power capacity indicator will light on for 3 seconds then off.

⑤ USB-C Charging Port (DC 5V)

Note: The transmitter(s) will automatically turn on after opening the charging case and turn off after being placed in the case for 5 seconds or closing the case for 1 minute.

OLED Display Introduction

Transmitter



Home Screen

If no operation is performed within 20 seconds on menu screens, the display will automatically return to home screen.

① Channel Group Icon

A B The channel A/B is successfully paired.

A B The channel A/B is unpaired.

? ? Channel is unknown. (usually occurs when the transmitter restores default settings)

② RF Level Indicator

Indicates the current signal level.

Signal is strong (Paired successfully)

Signal is weak (Paired successfully)

No signal (Disconnected)

③ TX's Battery Level Indicator

Displays the TX battery level. Please recharge the device immediately when the blank indicator starts flashing.

④ Audio Input Level Meter

Displays the audio input level.

⑤ Mute Indicator of Mic

Mute ON Mute OFF

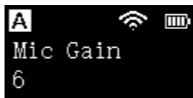
⑥ Mic Gain

On home screen, press +/- button to adjust the volume of microphone. The setting is retained even after the power is turned off.

⑦ TX's Input Mode

Displays the what input mode of the TX transmitter is currently set to, either MIC IN or LINE IN.

Menus Introduction



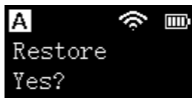
Mic Gain: Adjust the microphone's input gain level from 0 to 6. Default is "5".



Input Mode: The input mode can be selected to Mic In or Line In. When the input mode is Mic In mode, the transmitter can be connected to the included lavalier microphone, or other microphones with a 3.5mm output. When the input mode is Line In mode, the receiver can be connected to line-level output devices. The system's default is "Mic In".



Language Setting: English or 简体中文 (Chinese) are available. Default is English.



Restore Default Setting
Yes: restores default settings
No: exits restore default settings



Set Mute Key: Enable or Disable mute key button function. Default is "Enable".



Pair Setting: Pair with the receiver. For details of operation, please refer to "Operation Guide"



Set Backlight: Set backlight to Always On or On for 10, 30, or 60 seconds. Default is "On".

Operation Guide

1. Press and hold the power button for 2 seconds to turn on the transmitter(s).
2. Plug the Blink500 ProX RXDi into an iOS Lightning device or the Blink500 ProX RXUC into a USB-C device.

3. Pairing

Before leaving factory, the system is pre-paired. Therefore, the connection will be established once they are powered on. If they are disconnected, please follow the steps below:

- ① Long press the transmitter(s)' SET button to enter menu screen. Use the + or - button to display the Pair setting menu.



- ② Long press the SET button and select "Yes", and long press the SET button again to confirm. The transmitter(s) will enter the pairing mode.



- ③ Then, insert the included pairing pin into the small pinhole on the receiver and hold for 3 seconds. The receiver enters the pairing mode and its indicator will blink blue quickly.
 - ④ Transmitter(s) and receiver will be successfully paired within 10 seconds. The indicator of the receiver will turn static blue.
4. Launch a video or audio recording app.
 5. Select external microphone, if applicable (app dependent).
 6. You are ready to record.

Note: Due to the 2.4GHz wireless frequency is widely used, the signal may be easily attenuated or interfered. Please try to avoid obstacles while using, such as walls and buildings. And keep away from the devices with 2.4GHz frequency, such as high-power Wi-Fi antennas, radios, etc.

Specifications

Blink500 ProX TX

Display	OLED
Transmission Type	2.4GHz Digital Frequency
Modulation	Digital Modulation
Polar Pattern	Omnidirectional
Antenna	Built-in Antenna
Operating Range (without obstacles)	Up to 100m
RF Output Power	<10mW
Distortion	≤0.1%
Frequency Response	20Hz-20kHz
Reference Audio Input Level	-20~-42dBu (MIC Input, 0dB Gain)
Signal-to-Noise Ratio	> 84dB
Audio Input Connector	3.5mm MIC IN/LINE IN
Battery Specifications	3.7V/ 400mAh
Power Requirements	Built-in Li-ion Battery or Charging Contact or USB-C DC 5V
Built-in Battery Life	Approx. 10 hours
Weight	Approx. 29.5g
Dimensions	56×38×15.5mm
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 50°C

Blink500 ProX RXDi

Transmission Type	2.4GHz Digital Frequency
Modulation	Digital Modulation
Operating Range (without obstacles)	Up to 100m
Audio Output	MFi Certified Lightning Connector
Monitor Output	3.5mm (TRS/ TRRS) Headphones Output
Power Requirement	Supplied by iOS Devices
Antenna	Built-in Antenna
Weight	Approx. 16.5g
Dimensions	82×22×12mm
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 50°C

Blink500 ProX RXUC

Transmission Type	2.4GHz Digital Frequency
Modulation	Digital Modulation
Operating Range (without obstacles)	Up to 100m
Audio Output	USB-C Connector
Monitor Output	3.5mm (TRS/ TRRS) Headphones Output
Power Requirement	Supplied by USB-C Devices
Antenna	Built-in Antenna
Weight	Approx. 15.5g
Dimensions	82×22×12mm
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 50°C

Blink500 ProX B3/5BOX

Power Requirements	USB-C DC
Power Capacity	2000mAh
Case's Charging Time	<3 hours
Charge Cycle Times for TX	2.5 times
Weight	Approx. 204g
Dimensions	123x99.5x39mm
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 50°C

Blink500 ProX B4/6BOX

Power Requirements	USB-C DC
Power Capacity	3000mAh
Case's Charging Time	<3 hours
Charge Cycle Times for TX	2.5 times
Weight	Approx. 269g
Dimensions	166x99.5x39mm
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 50°C

Packing List

Blink500 ProX B3

- 1× Blink500 ProX TX Transmitter
- 1× Blink500 ProX RXDi Receiver
- 1× Blink500 ProX B3/5BOX Charging Case
- 1× Omnidirectional Lavalier Microphone
(with Foam Windscreen and Mic Clip)
- 1× Fur Windshield for Built-in Microphone
- 1× USB-C Charging Cable
- 1× Pairing Pin
- 1× Carrying Pouch

Blink500 ProX B5

- 1× Blink500 ProX TX Transmitter
- 1× Blink500 ProX RXUC Receiver
- 1× Blink500 ProX B3/5BOX Charging Case
- 1× Omnidirectional Lavalier Microphone
(with Foam Windscreen and Mic Clip)
- 1× Fur Windshield for Built-in Microphone
- 1× USB-C Charging Cable
- 1× Pairing Pin
- 1× Carrying Pouch

Blink500 ProX B4

- 2× Blink500 ProX TX Transmitter
- 1× Blink500 ProX RXDi Receiver
- 1× Blink500 ProX B4/6BOX Charging Case
- 2× Omnidirectional Lavalier Microphone
(with Foam Windscreen and Mic Clip)
- 2× Fur Windshield for Built-in Microphone
- 1× USB-C Charging Cable
- 1× Pairing Pin
- 1× Carrying Pouch

Blink500 ProX B6

- 2× Blink500 ProX TX Transmitter
- 1× Blink500 ProX RXUC Receiver
- 1× Blink500 ProX B4/6BOX Charging Case
- 2× Omnidirectional Lavalier Microphone
(with Foam Windscreen and Mic Clip)
- 2× Fur Windshield for Built-in Microphone
- 1× USB-C Charging Cable
- 1× Pairing Pin
- 1× Carrying Pouch

概述

枫笛Blink500 ProX系统是迷你双通道无线麦克风系统。无障碍收音距离最远至100米,可提供出色的广播级音质,适用于乐器演奏录制、直播、视频内容创作、移动新闻等场景。产品可自由切换单声道和立体声模式,并支持实时音频监听。

轻薄小巧的Blink500 ProX TX发射器可以夹在衣服上使用,其内置麦克风能够收录优质的音质效果;也可作为腰包发射器,搭配套装内提供的领夹麦使用。一次充电可支持10小时的超长续航,充电盒可随时随地为发射器提供充电电源。

Blink500 ProX RXDi为MFi认证Lightning接收器,用于iOS系统的Lightning接口设备;Blink500 ProX RXUC为USB-C接收器,用于带有USB-C接口的移动设备。

声明

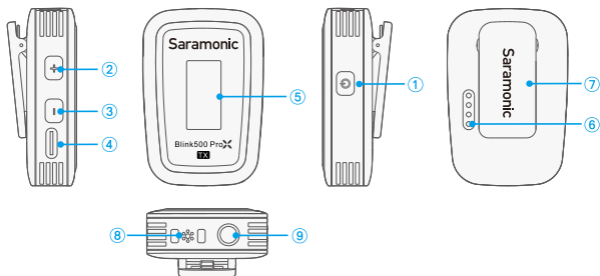
请在使用前仔细阅读本手册,并严格按照说明进行操作和存储。请妥善保存好说明书以供将来参考。如果用户手册不能帮助您解决某些问题,请向零售商寻求帮助或给我们发送电子邮件: info@saramonic.com

注意事项

- 1.请勿擅自拆开机壳;
- 2.请勿将本机靠近热源,如散热器、聚光灯或其他产生热量的设备;
- 3.电池不可自行更换;
- 4.请使用柔软的干布清洁本设备;
- 5.在使用和储存时,请注意防尘和防潮。
- 6.为获得最佳拾音模式,请勿将手放在麦克风咪头上。

产品结构

Blink500 ProX TX: 背夹式发射器



① 电源键/静音键

功能	操作
电源开启/关闭	长按电源键2秒
静音开启/关闭	短按电源键

② +/SET 键

功能	操作
+	在主界面上, 短按+键增大麦克风增益; 在菜单界面上, 短按+键调整各参数值或功能。
SET	在主界面上, 长按设置键进入菜单界面; 在菜单界面, 长按设置键进入选定界面, 再次长按保存设定。

③ - 键

功能	操作
—	在主界面上,短按-键减小麦克风增益; 在菜单界面上,短按-键调整各参数值或功能。
BACK	在菜单界面上,长按返回键回到主界面。

④ Type-C充电口(直流电5V)

⑤ OLED显示屏

详情参考“OLED显示屏简介”。

⑥ 充电触点

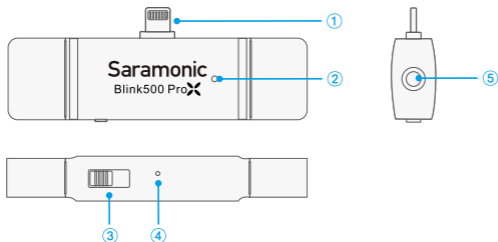
⑦ 背夹

⑧ 内置麦克风

⑨ 麦克风/线性输入

连接3.5mm领夹麦或其他3.5mm麦克风/线性输入设备。

Blink500 ProX RXDi: Lightning接收器



- ① MFi认证Lightning接头
可接入带Lightning接口的iOS设备。

② 状态指示灯

模式	指示灯
未联机	蓝灯慢闪
对码中	蓝灯快闪
联机成功	蓝灯常亮

③ 单声道/立体声切换键

输出模式可以设置为单声道或立体声。在单声道模式下，两个发射器录制的音频将合并是一条音频通道里输出。在立体声模式下，两个发射器的音频将分配到左右两个独立声道里输出。

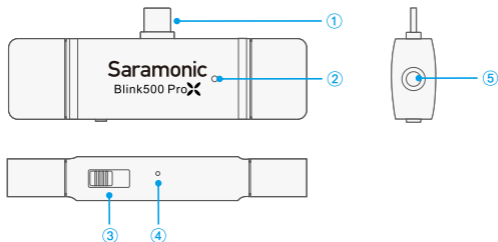
④ 对码孔

使用随附的顶针插入对码孔并长按3秒以进入配对模式。

⑤ 3.5mm耳机监听孔 (TRS/ TRRS兼容)

接入耳机进行音频监听。

Blink500 ProX RXUC: USB-C接收器



① USB-C接头

可接入安卓手机、平板、电脑或其他带USB-C接口的设备。

② 状态指示灯

模式	指示灯
未联机	蓝灯慢闪
对码中	蓝灯快闪
联机成功	蓝灯常亮

③ 单声道/立体声切换键

输出模式可以设置为单声道或立体声。在单声道模式下，两个发射器录制的音频将合并是一条音频通道里输出。在立体声模式下，两个发射器的音频将分配到左右两个独立声道里输出。

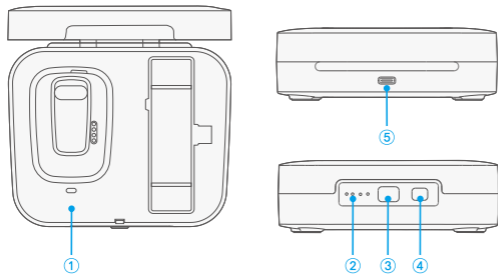
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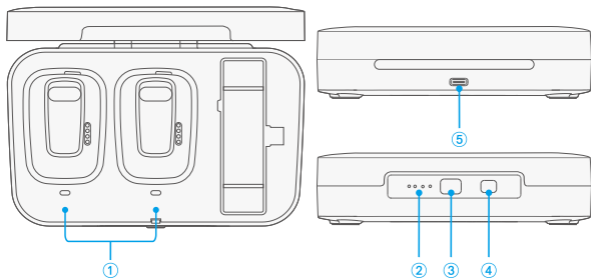
⑤ 3.5mm耳机监听孔 (TRS/ TRRS兼容)

接入耳机进行音频监听。

Blink500 ProX B3/5BOX充电盒



Blink500 ProX B4/6BOX充电盒









① TX充电指示灯

充电中 = 红灯常亮 (TX屏幕上的电量指示呈循环跳动状态)

充满电 = 红灯熄灭 (TX屏幕上的电量指示呈满格不跳动状态)

② 充电盒电量指示灯

指示灯	指示灯状态
	充电中(蓝灯依次闪烁)
	满电
	当前电量(75%)
	低电量(25%)
	电量耗尽/充电盒合盖
	盒内发射器充电中(蓝灯闪烁1分钟)

③ 按压式开关

④ 充电盒电量检测键

短按电量检测键, 充电盒电量指示灯亮起, 显示当前剩余电量。

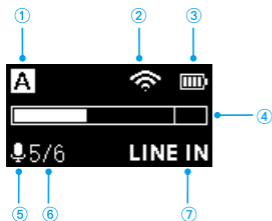
注: 在充电盒合盖状态下短按电量检测键, 充电盒电量指示灯常亮3秒后将自动熄灭。

⑤ Type-C充电口(直流电5V)

注意: 发射器在充电盒开盖后将自动开机; 在放入充电盒5秒后或充电盒合盖后1分钟内将自动关机。

OLED 显示屏简介

发射器



主菜单界面

如果超过20秒不操作，显示屏会自动跳转回主菜单界面。

① 通道开关图示

A B 表示A/B通道已连接

A B 表示A/B通道未连接

? ? 表示未知通道 (通常在发射器恢复了出厂设置的情况下出现)

② RF信号强度指示

用来指示当前信号强度。

信号强 (配对成功)

信号弱 (配对成功)

无信号显示 (未联机)

③ 发射器电量指示

显示发射器电量情况，若图标为空格且开始闪烁，请及时进行充电。

④ 实时输入电平指示

显示实时输入电平大小。

⑤ 麦克风静音状态指示

静音关闭 静音开启

⑥ 麦克风增益

在主界面上，短按 +/- 键可调节麦克风音量大小。即使在电源关闭后，该参数设定仍然保留。

⑦ 发射器输入模式

显示当前发射器输入模式为麦克风输入 (MIC IN) 或线性输入 (LINE IN)。

菜单介绍



麦克风增益设置：麦克风输入音量调节范围 (0~6)，默认设置为5

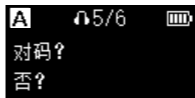


麦克风输入模式：3.5mm 领夹麦克风接入 (默认设置)

线路输入模式：线性输入设备接入



静音按键功能设置: 开启或禁用静音按键功能, 默认设置为开启



对码设置: 与接收器配对, 具体操作请参考“操作指南”



背光灯设置: 常亮/60/30/10秒设定, 默认设置为常亮



语言设置: English/简体中文, 默认设置为English



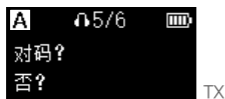
确认恢复出厂设置后, Blink500 ProX TX的相关参数将被恢复到默认出厂值

操作指南

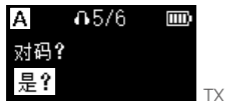
1. 长按电源键2秒，将发射器开机。
2. 将Blink500 ProX RXDi插入带Lightning接口的iOS设备或将Blink500 ProX RXUC插入带USB-C接口的设备。
3. 配对。

发射器和接收器出厂前已配对成功。因此，产品开机之后会自动联机。若无成功连接，请进行如下配对操作：

- ① 长按发射器SET键进入菜单界面，使用+或-按钮选择“对码”菜单；



- ② 长按SET键进入选项，选择“是”，再次长按SET键确认，发射器进入配对状态；



- ③ 将对码顶针插入接收器对码孔内并长按3秒，接收器进入配对状态，其指示灯呈蓝灯快闪；
 - ④ 发射器和接收器将在10秒内完成配对，接收器指示灯呈蓝灯常亮；
4. 启动视频或音频录制应用程序。
 5. 若应用程序适用，请选择外置麦克风。
 6. 开始录制。

注意：由于在2.4GHz频谱下，信号很容易受干扰，请尽量避开墙壁和建筑物等障碍物，避免接近2.4GHz频率的设备，如大功率Wi-Fi天线、收音机等。

参数

Blink500 ProX TX

显示屏	OLED
传输方式	2.4GHz数字频段
信号调制	数字调制
极性模式	全向型
天线	内置天线
操作范围(无障碍)	最远至100米
射频输出功率	<10mW
失真	≤0.1%
频率响应	20Hz-20kHz
参考音频输入电平	-20~-42dBu (MIC输入, 0dB增益)
信噪比	> 84dB
音频输入接口	3.5mm麦克风/线性输入
电池规格	3.7V/ 400mAh
供电方式	内置锂电池供电/ 充电盒触点充电/ Type-C充电口(直流电5V)
内置电池续航时长	约10小时
重量	约29.5g
尺寸	56×38×15.5mm
工作温度	0°C~50°C
贮存温度	-10°C~50°C

Blink500 ProX RXDi

传输方式	2.4GHz数字频段
信号调制	数字调制
操作范围(无障碍)	最远至100米
音频输出接口	MFi认证Lightning接口
监听接口	3.5mm耳机监听孔(TRS/ TRRS兼容)
供电方式	iOS设备供电
天线	内置天线
重量	约16.5g
尺寸	82×22×12mm
工作温度	0°C~50°C
贮存温度	-10°C~50°C

Blink500 ProX RXUC

传输方式	2.4GHz数字频段
信号调制	数字调制
操作范围(无障碍)	最远至100米
音频输出接口	Type-C接口
监听接口	3.5mm耳机监听孔(TRS/ TRRS兼容)
供电方式	Type-C设备供电
天线	内置天线
重量	约15.5g
尺寸	82×22×12mm
工作温度	0°C~50°C
贮存温度	-10°C~50°C

Blink500 ProX B3/5BOX

供电方式	Type-C充电口
充电盒电池容量	2000mAh
充电盒充电时间	< 3小时
给TX循环充电次数	2.5次
重量	约204g
尺寸	123x99.5x39mm
工作温度	0°C~50°C
贮存温度	- 10°C~50°C

Blink500 ProX B4/6BOX

供电方式	Type-C充电口
充电盒电池容量	3000mAh
充电盒充电时间	< 3小时
给TX循环充电次数	2.5次
重量	约269g
尺寸	166x99.5x39mm
工作温度	0°C~50°C
贮存温度	- 10°C~50°C

包装清单

Blink500 ProX B3

- 1× Blink500 ProX TX发射器
- 1× Blink500 ProX RXDi接收器
- 1× Blink500 ProX B3/5BOX充电盒
- 1× 全向型领夹麦 (带防风海绵和麦夹)
- 1× 内置麦防风毛套
- 1× Type-C充电线
- 1× 对码顶针
- 1× 收纳袋

Blink500 ProX B5

- 1× Blink500 ProX TX发射器
- 1× Blink500 ProX RXUC接收器
- 1× Blink500 ProX B3/5BOX充电盒
- 1× 全向型领夹麦 (带防风海绵和麦夹)
- 1× 内置麦防风毛套
- 1× Type-C充电线
- 1× 对码顶针
- 1× 收纳袋

Blink500 ProX B4

- 2× Blink500 ProX TX发射器
- 1× Blink500 ProX RXDi接收器
- 1× Blink500 ProX B4/6BOX充电盒
- 2× 全向型领夹麦 (带防风海绵和麦夹)
- 2× 内置麦防风毛套
- 1× Type-C充电线
- 1× 对码顶针
- 1× 收纳袋

Blink500 ProX B6

- 2× Blink500 ProX TX发射器
- 1× Blink500 ProX RXUC接收器
- 1× Blink500 ProX B4/6BOX充电盒
- 2× 全向型领夹麦 (带防风海绵和麦夹)
- 2× 内置麦防风毛套
- 1× Type-C充电线
- 1× 对码顶针
- 1× 收纳袋



For better recording experience, the application SmartRecorder is recommended.

为获得更好的录制体验, 推荐使用枫笛 Saramonic 自主研发应用软件 SmartRecorder。



Scan the QR code and follow us!

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