

Saramonic

Sound.Remarkable. 

Ultracompact 2.4GHz Dual-Channel Wireless
Microphone System

2.4GHz 迷你双通道无线麦克风系统

Blink900

User Manual
用户手册

Statement

Please read this manual carefully before use and operate and store in strict accordance with the instructions provided. Please retain for future reference. For any issues that cannot be resolved with the user manual, please refer to your retailer for help or contact us at: **info@saramonic.com**.

General Introduction

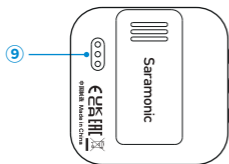
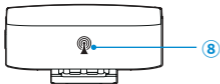
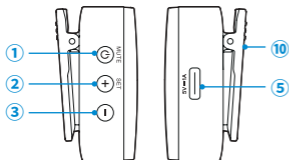
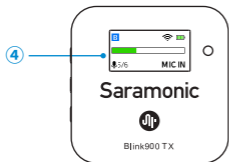
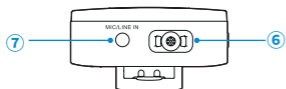
Saramonic Blink900 is an incredibly lightweight, ultracompact and easy-to-use wireless microphone system for up to 2 people. The microphone delivers exceptional, broadcast-quality sound to DSLR, mirrorless and video cameras, smartphones, tablets, computers, etc. It is ideal for content creation, vlogging, mobile journalism, and more.

Features

- 2.4GHz wireless transmission technology
- Compatible with cameras, mobile devices and more
- Clip-on transmitter with built-in Omnidirectional microphone
- Dual-channel receiver with 3.5mm output
- High resolution and easy-to-use LCD display
- Auto brightness adjustment & auto gain control
- Low cut filter (160Hz/120Hz/80Hz)
- 3.5mm headphone jack for real-time monitoring
- Built-in rechargeable battery provides up to 6-hour runtime
- Selectable mono and stereo output
- Operating range of up to 200m

Product Structure

Blink900 TX: clip-on transmitter with built-in microphone



① Power/Mute button

Mode	Operation
Power ON/OFF	Press and hold for 2 seconds
Mute ON/OFF	Short press

② +/SET button

Function	Operation
+	On home screen, short press to adjust 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

On home screen, short press to adjust mic gain.
On menu screen, short press to select different functions or values shown on the display; long press to return to home screen.

④ LCD display

For more details, please refer to "LCD Display Operation Guide".

⑤ USB-C charging port

⑥ Built-in microphone

⑦ MIC/LINE IN jack

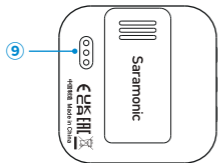
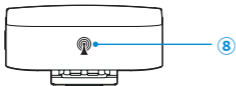
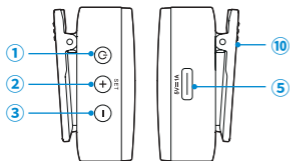
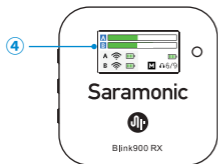
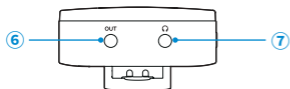
It can be connected to the supplied 3.5mm lavalier microphone, or other 3.5mm TRS microphones or line-in devices.

⑧ Antenna

⑨ Charging contacts

⑩ Belt clip

Blink900 RX: clip-on and camera-mountable receiver



① Power button

Press and hold the button for 2 seconds to turn on/off the receiver.

② +/SET button

Function	Operation
+	On home screen, short press to increase volume. 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

On home screen, short press to decrease volume.

On menu screen, short press to select different functions or values shown on the display; long press to return to home screen.

④ LCD display

For more details, please refer to "LCD Display Operation Guide".

⑤ USB-C charging port

⑥ Output jack

Connect the Blink900 RX to a smartphone, tablet, camera, recorder or mixer with the supplied output cables.

⑦ 3.5mm headphone output

Connect headphones for audio monitoring.

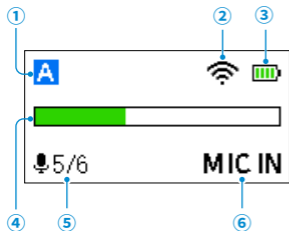
⑧ Antenna

⑨ Charging contacts

⑩ Belt clip

LCD Display Operation Guide

Wireless Transmitter Blink900 TX



Home screen

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

① Channel indicator

Indicates the current channel.

② Pairing status & signal strength indicator

	Unpaired
	Signal is weak (Successfully paired)
	Signal is strong (Successfully paired)

③ TX's battery level indicator

Displays the battery level. Please recharge the transmitter immediately as soon as the indicator starts flashing.

④ Audio input level meter

Displays the audio input level.

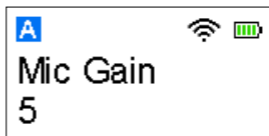
⑤ Mic gain & mute indicator

Mute OFF Mute ON

⑥ Input mode

The input mode can be set to Mic in or Line in.

Menu screen

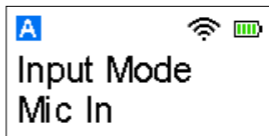


Mic Gain Setting

Adjust the microphone's input gain level (0~6).

Default is "5".

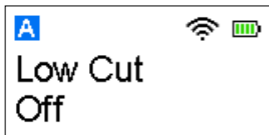
(The setting is retained even after the unit is turned off.)



Input Mode Setting

The input mode can be set to Mic In or Line In. When Mic In mode selected, the transmitter can be connected to the supplied lavalier microphone, or other microphones with a 3.5mm TRS output. When Line In mode selected, the transmitter can be connected to line-level devices.

Default is "Mic In".



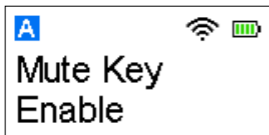
Low Cut Setting

Turn the input low-cut filter on/off and select the cut off frequency: 160Hz, 120Hz or 80Hz.
Default is "Off".



Auto Gain Setting

Turn on/off the auto gain function. If "On" selected, input from the microphone will be boosted or lowered automatically to normalize the output of the captured signal.
Default is "Off".



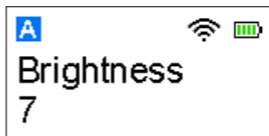
Mute Key Setting

Enable or disable mute key button function. If "Enable" is selected, short press the mute button can mute/unmute the microphone. If "Disable" is selected, the mute key function is disabled, and short press the button won't mute the microphone.
Default is "Enable".



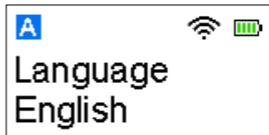
Backlight Setting

Set backlight to always on or on for 10/30/60 seconds.
Default is "On".



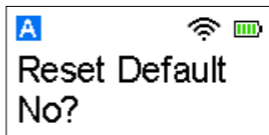
Brightness Setting

You can set the brightness to "Auto" or manually select a value within the range of 1-10.
Default is "7".

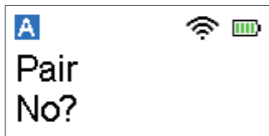


Language Setting

English and Chinese are available.
Default is English.

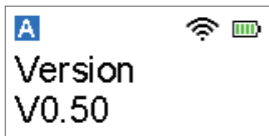


Restore Default Setting



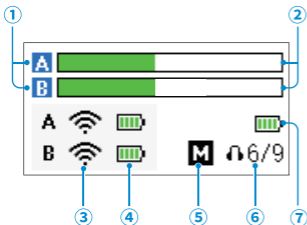
Pairing

Select "Yes?" to pair the transmitter with the receiver. For details of operation, please refer to "Operation Guide".



Version of the Blink900 TX

Wireless Receiver Blink900 RX



Home screen

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

① Channel icon

A / **B** Indicates channel A/B is successfully paired.


A / **B** Indicates channel A/B is unpaired.

A off / **B off** Indicates channel A/B is turned off.

② Audio input level meter

Displays the audio input level.

③ Pairing status & signal strength indicator

 Signal is strong (Successfully paired)

 Signal is weak (Successfully paired)

 Unpaired

④ TX's battery level indicator

Displays the battery level. Please recharge the transmitter immediately as soon as the indicator starts flashing.

⑤ RX's output mode

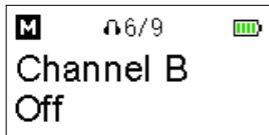
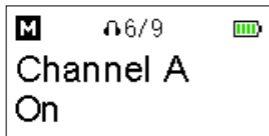
M: Mono
S: Stereo

⑥ Output volume

⑦ RX's battery level indicator

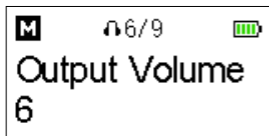
Displays the battery level. Please recharge the receiver immediately as soon as the indicator starts flashing.

Menu screen



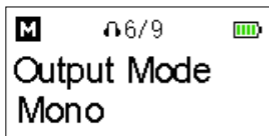
Channel Setting

Turn on/off the channel A/B.



Output Volume Setting

Output volume can be set from 0 to 9. Default is "6".
(The setting is retained even after the unit is turned off.)



Output Mode Setting

The output mode can be set to either mono or stereo. When in mono mode, the audio from the transmitter, or transmitters will be mixed to both the

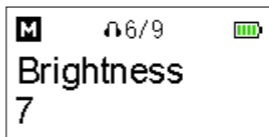
left and right sides. When in stereo mode, the two transmitters' audio output will be separated to the left and right sides.

Default is mono.



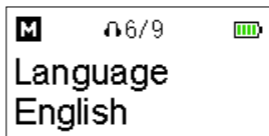
Backlight Setting

Set backlight to always on or on for 10/30/60 seconds.
Default is "On".



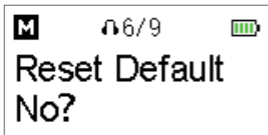
Brightness Setting

You can set the brightness to "Auto" or manually select a value within the range of 1-10.
Default is "7".

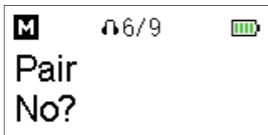


Language Setting

English and Chinese are available.
Default is English.

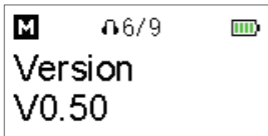


Restore Default Setting



Pairing

Select "Yes?" to pair the receiver with the transmitter. For details of operation, please refer to "Operation Guide".



Version of the Blink900 RX

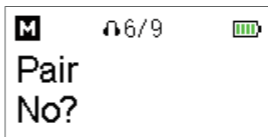
Operation Guide

1. Long press the power button to turn on the transmitter and the receiver.

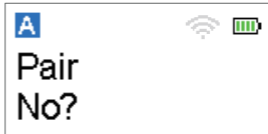
2. Pairing

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 below steps:

① Use the -button to display the Pair menu on both transmitter and receiver.



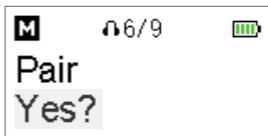
RX



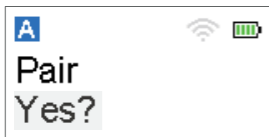
TX

② Long press the SET button to enter the menu.

③ Select Yes, and long press the SET button to confirm.



RX



TX

④ Transmitter and receiver will be successfully paired within 10s.

3. Connect the receiver to a camera, recorder or mixer with the supplied 3.5mm TRS to TRS cable. Or connect the RX to a smartphone, tablet, or computer with the supplied 3.5mm TRS to TRRS cable.

4. You are ready to record.

Note:

(1) When pairing two transmitters to one receiver, if one of the transmitters fails to be paired, please turn off the transmitter that has been successfully paired, and then repeat the pairing operation to pair the transmitter with the receiver.

(2) Due to 2.4GHz wireless frequency, signal can be easily attenuated. Please try to avoid obstacles, such as walls and buildings, and avoid close proximity to devices with 2.4GHz signal, such as high-power wifi antennas, smartphones with wifi in use, radios, etc.

Packing List

Blink900 B1

- 1× Blink900 RX Receiver
- 1× Blink900 TX Transmitter
- 2× USB-C Charging Cable
- 1× DK3G Lavalier Microphone
- 1× Mic Clip for Lavalier Microphone
- 1× Foam Windscreen for Lavalier Microphone
- 1× Fur Windshield for Lavalier Microphone
- 1× Fur Windshield for Built-in Microphone
- 1× 3.5mm TRS to TRS Output Cable for Cameras
- 1× 3.5mm TRS to TRRS Output Cable for Smartphones

Blink900 B2

- 1× Blink900 RX Receiver
- 2× Blink900 TX Transmitter
- 3× USB-C Charging Cable
- 2× DK3G Lavalier Microphone
- 2× Mic Clip for Lavalier Microphone
- 2× Foam Windscreen for Lavalier Microphone
- 2× Fur Windshield for Lavalier Microphone
- 2× Fur Windshield for Built-in Microphone
- 1× 3.5mm TRS to TRS Output Cable for Cameras
- 1× 3.5mm TRS to TRRS Output Cable for Smartphones

Specification

Blink900 TX

Mic Capsule	4mm Built-in Capsule
Polar Pattern	Omnidirectional
Transmission Type	2.4GHz Digital Frequency
Operating Range (without obstacle)	Up to 200m
Frequency Response	20-20KHz
Maximum SPL	100 dB SPL (1kHz @ 1m) dBu
SNR	> 80dB
Sampling Rate	48kHz
Bit Rate	24bit
Distortion	≤0.1%
Audio Input Connector	3.5mm TRS MIC/LINE IN Jack
Power Requirements	Built-in Battery (400mAh)
Built-in Battery Life	6 hours
Antenna	Built-in PIFA Antenna
Weight	33.6g(1.19oz)
Dimensions	43.5×43.5×16.4mm

Blink900 RX

Transmission Type	2.4GHz Digital Frequency
Operating Range (without obstacle)	Up to 200m
Frequency Response	20-20kHz
Maximum SPL	100 dB SPL (1kHz @ 1m) dBu
SNR	> 80dB
Sampling Rate	48kHz
Bit Rate	24bit
Distortion	≤0.1%
Audio Output Connector	3.5mm Headphone Jack 3.5mm TRS Line Out Jack
Power Requirements	Built-in Battery (450mAh)
Built-in Battery Life	6 hours (working with two transmitters)
Antenna	Built-in PIFA Antenna
Weight	35.3g (1.25oz)
Dimensions	46×46×16.4mm

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。请保存以供将来参考。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。

概述

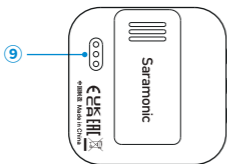
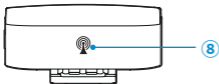
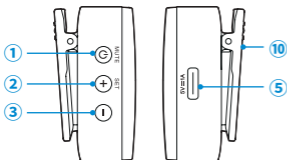
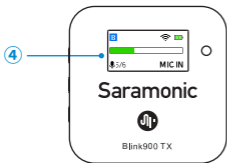
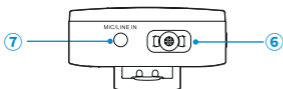
枫笛 Blink900 是一款轻巧便携、操作简单的双通道无线麦克风系统，提供出色的广播级音质，适用于单反、无反相机、摄像机、手机、平板、电脑等设备，是内容创作、Vlog 拍摄、移动新闻等应用场景的理想选择。

特点

- 2.4GHz 无线传输技术
- 兼容相机、移动设备等
- 背夹式发射器，内置全向型麦克风
- 双通道接收器，带 3.5mm 输出孔
- 高分辨率 LCD 显示屏，操作简单
- 自动亮度调节、自动增益控制功能
- 低切滤波器（160Hz/120Hz/80Hz）
- 3.5mm 实时监听耳机孔
- 内置可充电电池，续航时间长达 6 小时
- 单声道和立体声模式自由切换
- 操作范围可达 200 米

产品结构

Blink900 TX: 背夹式发射器 (带内置麦克风)



① 电源键 / 静音键

功能	操作
开机 / 关机	长按按键 2 秒
静音模式 / 取消静音	短按按键

② +/SET 键

功能	操作
+	在主界面上，短按 + 键调节麦克风增益； 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

主界面上，短按 - 键调节麦克风增益；
在菜单界面上，短按 - 键调整各参数值或功能；
长按 - 键回到主界面。

④ LCD 显示屏

详情参考“LCD 屏幕操作指南”。

⑤ USB-C 充电口

⑥ 内置麦克风

⑦ 麦克风 / 线路输入孔

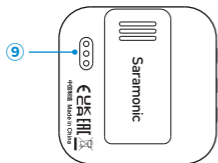
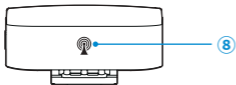
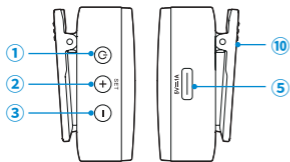
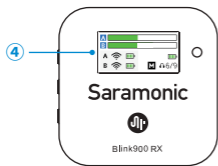
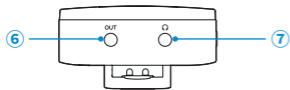
可接入随附的 3.5 mm 领夹麦或其他 3.5 mm TRS 麦克风或线路输入设备。

⑧ 天线

⑨ 充电触点

⑩ 背夹

Blink900 RX: 背夹式接收器 (可安装至相机热靴座)



① 电源键

长按电源键 2 秒，可开启 / 关闭接收器。

② +/SET 键

功能	操作
+	在主界面上，短按 + 键增大音量； 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

在主界面上，短按 - 键减小音量；
在菜单界面上，短按 - 键调整各参数值或功能；
长按 - 键回到主界面。

④ LCD 显示屏

详情参考“LCD 屏幕操作指南”

⑤ USB-C 充电口

⑥ 输出孔

使用随附的转接线，将 Blink900 RX 连接至手机、平板电脑、相机、录音笔或混音器等设备。

⑦ 3.5mm 耳机插孔

接入耳机进行音频监听。

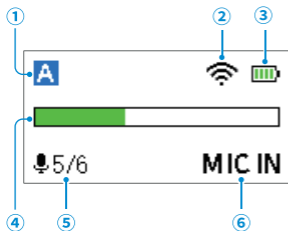
⑧ 天线

⑨ 充电触点

⑩ 背夹

LCD 屏幕操作指南

无线发射器 Blink900 TX



主界面

若超过 20 秒不操作，显示屏会自动跳转回主界面上。

① 通道指示

显示发射器所处通道

② 配对状态、信号强度指示



信号最强（配对成功）



信号最弱（配对成功）



未联机

③ 发射器电量指示

显示发射器当前电量。当图标开始闪烁时，请及时为发射器充电。

④ 实时输入电平指示

显示实时输入电平大小。

⑤ 麦克风增益、静音状态指示



静音关闭



静音开启

⑥ 输入模式

输入模式可设置为 MIC IN（麦克风输入）或 LINE IN（线路输入）。

菜单界面



麦克风增益设置

调节麦克风增益(0~6)，默认设置为“5”。
(即使在电源关闭后，该参数设定仍然保留。)



输入模式设置

输入模式可设置为麦克风输入或线路输入。

麦克风输入模式：可接入 3.5mm 领夹麦克风或其他 3.5mm TRS 麦克风；

线路输入模式：可接入线路输入设备。

默认设置为“麦克风输入”。



低切设置

打开或关闭低切功能并选择低切频率：

160Hz、120Hz 或 80Hz。

默认设置为“关闭”。

A

自动增益
关闭

自动增益设置

打开 / 关闭自动增益功能。若打开此功能，麦克风增益将自动随信号强度进行调整。默认设置为“关闭”。

A

静音按键
开启

静音按键功能设置

开启或关闭静音按键功能。
开启：短按静音键可将麦克风静音 / 取消静音；
关闭：静音键功能关闭，短按按钮不会使麦克风静音。
默认设置为“开启”。

A

背光时间
常亮

背光时间设置

背光灯时间可设置为常亮、10 秒、30 秒、或 60 秒，默认设置为“常亮”。

A

亮度
7

亮度设置

可将亮度设置为“自动”或在 1-10 范围内手动设置亮度。
默认设置为“7”

A

语言设置
简体中文

语言设置

English/ 简体中文可供选择，默认设置为“English”。

A

恢复出厂设置
否？

恢复默认设置

A

对码
否？

对码

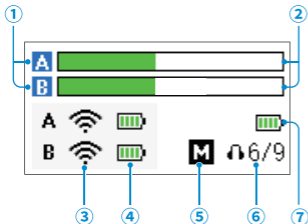
选择“是？”将发射器与接收器配对。具体操作请参考“操作指南”。

A

版本号
V0.50

Blink900 TX 版本号

无线接收器 Blink900 RX



主界面

若超过 20 秒不操作，显示屏会自动跳转回主界面上。

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。

A off / B off 表示 A/B 通道已关闭。

② 实时输入电平指示

显示实时输入电平大小

③ 配对状态、信号强度指示



信号最强（配对成功）



信号最弱（配对成功）



未联机

④ 发射器电量指示

显示发射器当前电量。当图标开始闪烁时，请及时为发射器充电。

⑤ 接收器输出模式

M：单声道

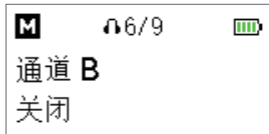
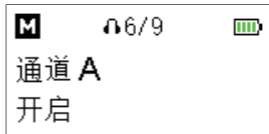
S：立体声

⑥ 输出音量

⑦ 接收器电量指示

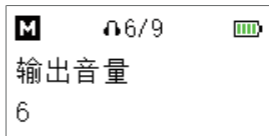
显示接收器当前电量。当图标开始闪烁时，请及时为接收器充电。

菜单界面



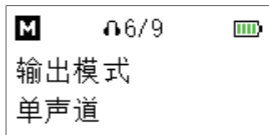
通道设置

开启 / 关闭通道 A/B。



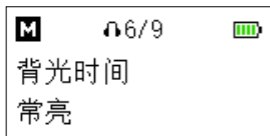
输出音量设置

音量调节范围为 0-9，默认设置为“6”。（即使在电源关闭后，该参数设定仍然保留。）



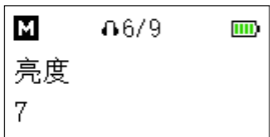
输出模式设置

输出模式可以设置为单声道或立体声。设置为单声道模式时，音频将混合到左右两边。设置为立体声模式时，两个发射器的音频输出将左右分开。默认设置为“单声道”。



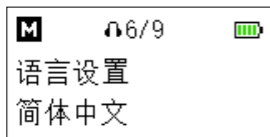
背光时间设置

背光灯时间可设置为常亮、10 秒、30 秒、或 60 秒，默认设置为“常亮”。



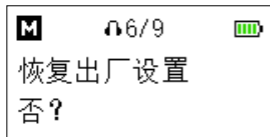
亮度设置

可将亮度设置为“自动”或在 1-10 范围内手动设置亮度。默认设置为“7”。

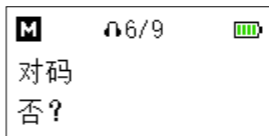


语言设置

English/ 简体中文可供选择，默认设置为“English”。

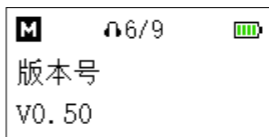


恢复默认设置



对码

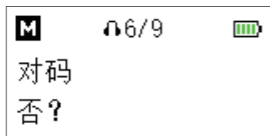
选择“是？”将接收器与发射器配对。具体操作请参考“操作指南”。



Blink900 RX 版本号

操作指南

1. 长按电源键，将发射器、接收器开机。
2. 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 使用 - 键在发射器和接收器上选择“对码”菜单。

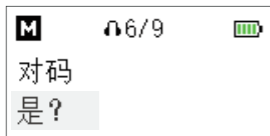


接收器

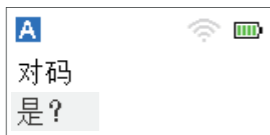


发射器

- ② 长按 SET 键进入菜单。
- ③ 选择是，长按 SET 键确认。



接收器



发射器

- ④ 发射器和接收器将在 10 秒内完成配对。

3. 使用随附的 3.5mm TRS 转 TRS 转接线将接收器连接至相机、录音笔或混音器等设备。或者使用随附的 3.5mm TRS 转 TRRS 转接线将接收器连接至手机、平板电脑等移动设备。
4. 开始录制。

注意：

(1) 产品在一拖二对码过程中，若出现了一台发射器对码不成功的情况，需要先将已经对码成功的发射器关机后，再重复配对操作，将未对码的发射器与接收器进行对码。

(2) 由于在 2.4GHz 频谱下，信号很容易受干扰，请尽量避免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 WiFi 天线、正在使用 WiFi 的智能手机、收音机等。

包装清单

Blink900 B1

- 1 × Blink900 RX 接收器
- 1 × Blink900 TX 发射器
- 2 × USB-C 充电线
- 1 × DK3G 领夹麦
- 1 × 麦克风夹子
- 1 × 领夹麦防风海绵
- 1 × 领夹麦防风毛套
- 1 × 内置麦克风防风毛套
- 1 × 3.5mm TRS 转 TRS 相机输出线
- 1 × 3.5mm TRS 转 TRRS 手机输出线

Blink900 B2

- 1 × Blink900 RX 接收器
- 2 × Blink900 TX 发射器
- 3 × USB-C 充电线

- 2 × DK3G 领夹麦
- 2 × 麦克风夹子
- 2 × 领夹麦防风海绵
- 2 × 领夹麦防风毛套
- 2 × 内置麦克风防风毛套
- 1 × 3.5mm TRS 转 TRS 相机输出线
- 1 × 3.5mm TRS 转 TRRS 手机输出线

参数

Blink900 TX

拾音器	内置 4mm 咪头
极性模式	全向型
传输方式	2.4GHz 数字频段
操作距离(无障碍)	最远至 200 米
频率响应	20-20kHz
最大声压级	100 dB SPL (1kHz @ 1m) dBu
信噪比	>80dB
采样率	48kHz
比特率	24bit
失真	≤ 0.1%
音频输入接口	3.5mm TRS 麦克风 / 线路输入
供电方式	内置 400mAh 电池
内置电池续航时间	6 小时
天线	PIFA 天线
重量	33.6g
尺寸	43.5×43.5×16.4mm

Blink900 RX

传输方式	2.4GHz 数字频段
操作距离 (无障碍)	最远至 200 米
频率响应	20-20kHz
最大声压级	100 dB SPL (1kHz @ 1m) dBU
信噪比	>80dB
采样率	48kHz
比特率	24bit
失真	≤ 0.1%
音频输出接口	3.5mm 耳机插孔 3.5mm TRS 线路输出孔
供电方式	内置 450mAh 电池
内置电池续航时间	6 小时 (一拖二状态下)
天线	PIFA 天线
重量	35.3g
尺寸	46×46×16.4mm



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**。



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深圳市龙华区观澜街道大富工业区硅谷动力智能终端产业园A16栋

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