

# Saramonic

## 2.4GHz Dual-channel Wireless Microphone System

2.4GHz双通道无线麦克风系统

### **Blink300**

User Manual  
用户手册

## General Introduction

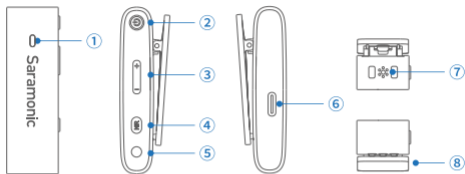
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Saramonic Blink300 is an ultra-compact and portable 2.4GHz wireless microphone system, compatible with smartphones, tablets, cameras and more. It features selectable capabilities of mute and noise cancellation, delivering broadcast-quality sound with remarkable ease of use. The Blink300 is ideal for content creation, live streaming, vlogging, mobile journalism and much more.

This series has 3 different receiver options: RX, RXDI, or RXUC included in the kits, featuring selectable Mono/ Stereo output setting. The Blink300 TX Transmitter and RX Receiver support up to 6 hours of runtime. The Blink300 RXDI and RXUC receivers are device powered. In addition, the Blink300 RX receiver has a 3.5mm headphone jack for real-time audio monitoring.

# Product Structure

## Wireless Transmitter Blink300 TX



### ① Status Indicator

Status	Indicator
Unpaired	Blinking blue slowly (per second)
Pairing	Blinking blue 3 times quickly
Paired Successfully	Static blue
Mute ON	Blinking red slowly
Noise Cancellation ON	Static green
Maximum/ Minimum Gain	Blinking blue twice quickly (Normal) Blinking green twice quickly (Noise Cancellation)
Low Battery	Blinking red quickly
Charging	Static red
Fully Charged	Static blue

**Note:** If the microphone is muted when battery is low, the indicator will display the current working status (Mute ON) instead of the battery level.

## ② Power/ Mute/ Pair Button

Function	Operation
Power ON/ OFF	Press and hold for 2 seconds
Mute ON/ OFF	Press
Pairing	Press and hold for 5 seconds in shutdown mode

## ③ Gain Control (+ - Button)

- Press the "+" or "-" button to adjust mic gain.
- If the maximum/ minimum level is reached, the indicator will blink blue (green) twice quickly.

## ④ Noise Cancellation Button

Press to turn ON or OFF noise cancellation. (Default setting is OFF.)

## ⑤ 3.5mm MIC IN Jack

It can be connected to a 3.5mm TRS lavalier microphone.

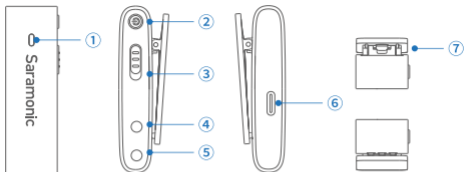
## ⑥ USB-C Charging Port

Use the included USB-C charging cable to charge the transmitter.

## ⑦ Built-in Microphone

## ⑧ Belt Clip

## Wireless Receiver Blink300 RX



### ① Status Indicator

Status	Indicator
Unpaired	Blinking blue slowly (per second)
Pairing	Blinking blue 3 times quickly
Paired Successfully	Static blue
Low Battery	Blinking red quickly
Charging	Static red
Fully Charged	Static blue

### ② Power/Pair Button

Function	Operation
Power ON/ OFF	Press and hold for 2 seconds
Pairing	Press and hold for 5 seconds in shutdown mode

### 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 3.5mm Headphone Output

Connect your headphones for audio monitoring.

### ⑤ 3.5mm TRS Line Output Jack

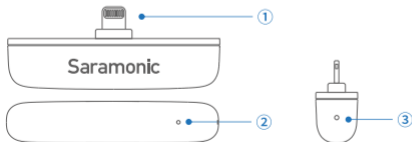
Connect the Blink300 RX to a smartphone, tablet, computer, camera, recorder or mixer with one of the included output cables.

### ⑥ USB-C Charging Port

Use the included USB-C charging cable to charge the receiver.

### ⑦ Belt Clip

## Blink300 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 (per second)
Pairing	Blinking blue 3 times quickly
Paired Successfully (Mono)	Static blue
Paired Successfully (Stereo)	Blinking blue slowly (every 5 seconds)

## ③ Pair & M/S Pinhole

Use the included pairing pin to click.

- **One-click:** toggling between Mono and Stereo output mode. 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.
- **Press and hold for 5 seconds:** enable pairing mode.

## Blink300 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 (per second)
Pairing	Blinking blue 3 times quickly
Paired Successfully (Mono)	Static blue
Paired Successfully (Stereo)	Blinking blue slowly (every 5 seconds)

### ③ Pair & M/S Pinhole

Use the included pairing pin to click.

- **One-click:** toggling between Mono and Stereo output mode. 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.
- **Press and hold for 5 seconds:** enable pairing mode.



# Operation Guide

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## For the Blink300 B1/B2 kit

1. Connect the receiver to the mic input of a camera, recorder or mixer with the included 3.5mm TRS to TRS cable; or connect it to a smartphone, tablet, or computer with the included 3.5mm TRS to TRRS cable.
2. Press and hold the power button for 2 seconds to turn on the transmitter(s) and the receiver.
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 Press and hold the power button of TX transmitter(s) and RX receiver for 5 seconds at the same time in shutdown mode to enter the pairing mode. The indicators of both will blink blue 3 times quickly.
  - ② Transmitter(s) and receiver will be successfully paired within 5 seconds. The indicators of both will turn static blue.
4. You are ready to record.

For best results: Set input gain between 25-50% of maximum, and monitor with headphones or do a test recording to test levels. Then, adjust input level accordingly, before recording. Also, disable AGC (automatic gain control) and auto limiter functions, if applicable.

## For the Blink300 B3/B4/B5/B6 kit

1. Press and hold the power button for 2 seconds to turn on the transmitter(s).
2. Plug the Blink300 RXDI into an iOS Lightning device or the Blink300 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 Press and hold the power button of TX transmitter(s) for 5 seconds in shutdown mode to enter the pairing mode. Its indicator will blink blue 3 times quickly.
- ② Then, insert the included pairing pin into the small pinhole on the receiver and hold for 5 seconds. Its indicator will blink blue 3 times quickly.
- ③ Transmitter(s) and receiver will be successfully paired within 5 seconds. The indicator of the transmitter(s) 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

### Blink300 TX

Transmission Type	2.4GHz ISM
Modulation	GFSK
Operating Range (without obstacles)	Up to 80m
RF Output Power	<10mW
Audio Input	3.5mm Jack or Built-in Omnidirectional Mic
Frequency Response	20Hz-20kHz
Signal-to-Noise Ratio	> 75dB
Maximum SPL	Built-in Microphone: 120dB SPL
Sensitivity	Built-in Microphone: -39dB±2dB (0dB=1V/Pa@1kHz)
Noise Cancellation	Yes
Power Requirement	Built-in Li-ion Battery or USB-C DC 5V
Antenna	IFA
Battery Life	Approx. 6 hours
Weight	15.5g
Dimensions	61×19.7×18.45mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

## Blink300 RX

Transmission Type	2.4GHz ISM
Modulation	GFSK
Operating Range (without obstacles)	Up to 80m
RF Output Power	<10mW
Audio Output	3.5 mm Headphone Output Jack 3.5 mm TRS Line Output Jack
Power Requirement	Built-in Li-ion Battery or USB-C DC 5V
Antenna	IFA
Built-in Battery Life	Approx. 6 hours
Weight	15g
Dimensions	61.4×19.6×18.63mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

## Blink300 RXDI

Transmission Type	2.4GHz ISM
Modulation	GFSK
Operating Range (without obstacles)	Up to 80m
Audio Output	MFi Certified Lightning Connector
Power Requirement	Supplied by iOS Devices
Antenna	MIFA
Weight	8g
Dimensions	61.04×23.7×12.04mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

## Blink300 RXUC

Transmission Type	2.4GHz ISM
Modulation	GFSK
Operating Range (without obstacles)	Up to 80m
Audio Output	USB-C Connector
Power Requirement	Supplied by USB-C Devices
Antenna	MIFA
Weight	8g
Dimensions	61.04×23.7×12.04mm
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 55°C

# Packing List

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## **Blink300 B1**

- 1× Blink300 TX Transmitter
- 1× Blink300 RX Receiver
- 1× 3.5mm TRS to TRS Output Cable for Cameras
- 1× 3.5mm TRS to TRRS Output Cable for Smartphones
- 2× USB-C Charging Cable
- 1× Fur Windshield

## **Blink300 B2**

- 2× Blink300 TX Transmitter
- 1× Blink300 RX Receiver
- 1× 3.5mm TRS to TRS Output Cable for Cameras
- 1× 3.5mm TRS to TRRS Output Cable for Smartphones
- 3× USB-C Charging Cable
- 2× Fur Windshield

## **Blink300 B3**

- 1× Blink300 TX Transmitter
- 1× Blink300 RXDI Receiver
- 1× USB-C Charging Cable
- 1× Fur Windshield
- 1× Pairing Pin

## **Blink300 B4**

- 2× Blink300 TX Transmitter
- 1× Blink300 RXDI Receiver
- 2× USB-C Charging Cable
- 2× Fur Windshield
- 1× Pairing Pin

## **Blink300 B5**

- 1× Blink300 TX Transmitter
- 1× Blink300 RXUC Receiver
- 1× USB-C Charging Cable
- 1× Fur Windshield
- 1× Pairing Pin

## **Blink300 B6**

- 2× Blink300 TX Transmitter
- 1× Blink300 RXUC Receiver
- 2× USB-C Charging Cable
- 2× Fur Windshield
- 1× Pairing Pin

## 概述

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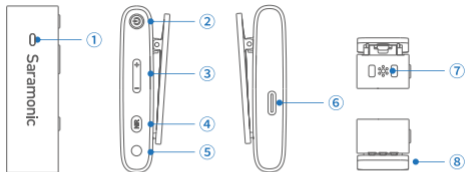
枫笛Blink300是一款迷你便携的2.4GHz无线麦克风系统,兼容相机、智能手机、平板电脑等设备。产品具有静音和可设置的降噪功能,可提供出色的广播级音质,易于使用,适用于内容创作、直播、Vlog拍摄、移动新闻等应用场景。

本系列有RX、RXDI、RXUC三种端口套装可供选择,可自由切换单声道和立体声模式。Blink300 TX和Blink300 RX支持6小时超长续航,Blink300 RXDI和Blink100 RXUC由外接设备供电;此外,RX接收器还带有3.5mm耳机插孔,支持实时音频监听。



# 产品结构

## Blink300 TX无线发射器



### ① 状态指示灯

模式	指示灯
未联机	蓝灯慢闪(每秒一次)
对码中	蓝灯快闪三次
联机成功	蓝灯常亮
静音模式	红灯慢闪
降噪模式开启	绿灯常亮
最大/最小增益	蓝灯快闪两次(正常模式) 绿灯快闪两次(降噪模式)
低电量	红灯快闪
充电中	红灯常亮
充满电	蓝灯常亮

注意: 若在低电量状态下开启静音模式, 指示灯将优先显示当前工作状态 (即静音状态) 而非电量状态。

## ② 电源/静音/配对键

功能	操作
开/关机	长按按键2秒
开启/取消静音	短按按键
进入对码状态	关机状态下, 长按按键5秒

## ③ 音量+-键

- 短按+/-键可调节麦克风增益。
- 当麦克风增益调整到最大或最小时, 指示灯会呈蓝灯(绿灯)快闪两次。

## ④ 降噪功能键

短按可开启/关闭降噪功能(默认降噪功能为关闭状态)。

## ⑤ 3.5mm麦克风输入孔

可接入3.5mm TRS领夹麦克风。

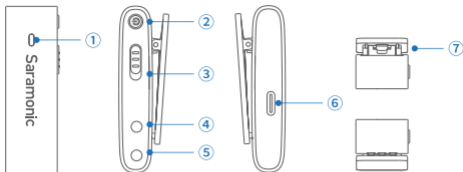
## ⑥ USB-C充电口

使用随附的USB-C充电线进行充电。

## ⑦ 内置麦克风

## ⑧ 背夹

## Blink300 RX无线接收器



### ① 状态指示灯

模式	指示灯
未联机	蓝灯慢闪(每秒一次)
对码中	蓝灯快闪三次
联机成功	蓝灯常亮
低电量	红灯快闪
充电中	红灯常亮
充满电	蓝灯常亮

### ② 电源/配对键

功能	操作
开/关机	长按按键2秒
进入对码状态	关机状态下, 长按按键5秒

### ③ 单声道/立体声切换键

输出模式可以设置单声道或立体声。在单声道模式下，两个发射器录制的音频将合并并在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 3.5mm耳机插孔

接入耳机进行音频监听。

### ⑤ 3.5mm TRS线性输出孔

使用随附输出线，将Blink300 RX连接至手机、平板、电脑、相机、录音笔或混音器等设备。

### ⑥ USB-C充电口

使用随附的USB-C充电线进行充电。

### ⑦ 背夹

## Blink300 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(每秒一次)
对码中	蓝灯快闪三次
联机成功(单声道模式)	蓝灯常亮
联机成功(立体声模式)	蓝灯慢闪(五秒一次)

## ③ 对码孔、单声道/立体声切换孔

使用随附的顶针进行操作。

- 单击: 切换单声道/立体声输出模式。

在单声道模式下, 两个发射器录制的音频将合并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。

- 长按5秒: 进入配对模式。

## Blink300 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USB-C设备。

## ② 状态指示灯

模式	指示灯
未联机	蓝灯慢闪(每秒一次)
对码中	蓝灯快闪三次
联机成功(单声道模式)	蓝灯常亮
联机成功(立体声模式)	蓝灯慢闪(五秒一次)

## ③ 对码孔、单声道/立体声切换孔

使用随附的顶针进行操作。

- 单击: 切换单声道/立体声输出模式。

在单声道模式下, 两个发射器录制的音频将合并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。

- 长按5秒: 进入配对模式。

## 操作指南

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### Blink300 B1/ B2套装

1. 使用随附的3.5mm TRS转TRS音频线将接收器连接至相机、录音笔或混音器等设备；或使用3.5mm TRS转TRRS音频线将接收器连接至手机、平板电脑等移动设备。
2. 长按电源键2秒，依次将发射器、接收器开机。
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在发射器和接收器关机状态下，同时长按其电源键5秒进入对码状态，其指示灯均呈蓝灯快闪三次；
  - ②发射器和接收器将在5秒内完成配对，其指示灯均呈蓝灯常亮；
4. 开始录制。

为了获得更好的效果，在正式录音开始之前，根据需求调节合适的输入音量。请将输入音量设置在25%~50%之间，也可以通过耳机进行监听或录制测试音频以测试音量大小是否合适。同时，请勿开启相机的自动音量调节功能（AGC）以及自动限幅功能。

### Blink300 B3/ B4/ B5/ B6套装

1. 长按电源键2秒，将发射器开机。
2. 将Blink300 RXDI插入带Lightning接口的iOS设备或将Blink300 RXUC插入USB-C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在关机状态下长按发射器电源键5秒以进入对码状态，其指示灯呈蓝灯快闪三次；
  - ②将对码顶针插入接收器对码孔内并长按5秒，其指示灯呈蓝灯快闪三次；

- ③发射器和接收器将在5秒内完成配对, 发射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

### Blink300 TX

传输方式	2.4GHz ISM
信号调制	高斯频移键控
操作范围(无障碍)	最远至80米
射频输出功率	<10mW
音频输入源	3.5mm插孔或内置全向麦克风
频率响应	20Hz-20kHz
信噪比	> 75dB
最大声压级	内置麦克风: 120dB SPL
灵敏度	内置麦克风: -39dB±2dB (0dB=1V/Pa@1kHz)
降噪功能	是
供电方式	内置锂电池 / USB-C DC直流电5V
天线	倒F天线
续航时间	约6小时
重量	15.5g
尺寸	61×19.7×18.45mm
工作温度	0°C~50°C
贮存温度	-20°C~55°C

## Blink300 RX

传输方式	2.4GHz ISM
信号调制	高斯频移键控
操作距离(无障碍)	最远至80米
射频输出功率	<10mW
音频输出接口	3.5 mm耳机插孔 3.5 mm TRS线性输出孔
供电方式	内置锂电池/ USB-C DC直流电5V
天线	倒F天线
续航时间	约6小时
重量	15g
尺寸	61.4×19.6×18.63mm
工作温度	0°C~50°C
贮存温度	-20°C~55°C

## Blink300 RXDI

传输方式	2.4GHz ISM
信号调制	高斯频移键控
操作范围(无障碍)	最远至80米
音频输出接口	MFi认证Lightning接口
供电方式	iOS 设备供电
天线	蛇形倒F天线
重量	8g
尺寸	61.04×23.7×12.04mm
工作温度	0°C~50°C
贮存温度	-20°C~55°C

## Blink300 RXUC

传输方式	2.4GHz
信号调制	高斯频移键控
操作范围(无障碍)	最远至80米
音频输出接口	USB-C接口
供电方式	USB-C设备供电
天线	蛇形倒F天线
重量	8g
尺寸	61.04×23.7×12.04mm
工作温度	0°C~50°C
贮存温度	- 20°C~55°C

# 包装清单

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## Blink300 B1

- 1× Blink300 TX发射器
- 1× Blink300 RX接收器
- 1× 3.5mm TRS转TRS相机输出线
- 1× 3.5mm TRS转TRRS手机输出线
- 2× USB-C充电线
- 1× 防风毛套

## Blink300 B3

- 1× Blink300 TX发射器
- 1× Blink300 RXDI接收器
- 1× USB-C充电线
- 1× 防风毛套
- 1× 对码顶针

## Blink300 B5

- 1× Blink300 TX发射器
- 1× Blink300 RXUC接收器
- 1× USB-C充电线
- 1× 防风毛套
- 1× 对码顶针

## Blink300 B2

- 2× Blink300 TX发射器
- 1× Blink300 RX接收器
- 1× 3.5mm TRS转TRS相机输出线
- 1× 3.5mm TRS转TRRS手机输出线
- 3× USB-C充电线
- 2× 防风毛套

## Blink300 B4

- 2× Blink300 TX发射器
- 1× Blink300 RXDI接收器
- 2× USB-C充电线
- 2× 防风毛套
- 1× 对码顶针

## Blink300 B6

- 2× Blink300 TX发射器
- 1× Blink300 RXUC接收器
- 2× USB-C充电线
- 2× 防风毛套
- 1× 对码顶针



For better recording experience, the application Saramonic 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 Saramonic。



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