



# Saramonic Blink 800 Digital Wireless Microphone System User Manual

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# Saramonic

Sound.Remarkable. 

**5.8 GHz Digital Wireless  
Microphone System  
Blink800**

**User Manual**

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## General Introduction

The Saramonic Blink800 is a versatile and easy-to-use 5.8 GHz wireless microphone system that delivers detailed, broadcast-quality sound. There are three kinds of kits available in the Blink800 system, including B1 (TX-35+ RX-35), Blink800 B2 (TX-XLR+RX-XLR), and Blink800 B3 (TX-635+RX-635). Kit components are all

constructed of durable metal and fully compatible with other Blink800 wireless system components for added system expand-ability.

Model	In the box
Blink800 B1(TX-35+RX-35)	1xTX-35 1xRX-35
Blink800 B2(TX-XLR+RX-XLR)	1xTX-XLR 1xRX-XLR
Blink800 83(TX-635+RX-635)	1xTX-635 1xRX-635
BlinkBOO TX-35	1xTK38
Blink800 RX-35	1xRX-35
Blink800 TX-XLR	1xTX-XLR
BlinkBOO RX-XLR	1xRX-XLR
Blink800 TX-635	1xTX-635
Blink800 RX-635	1xRX-635

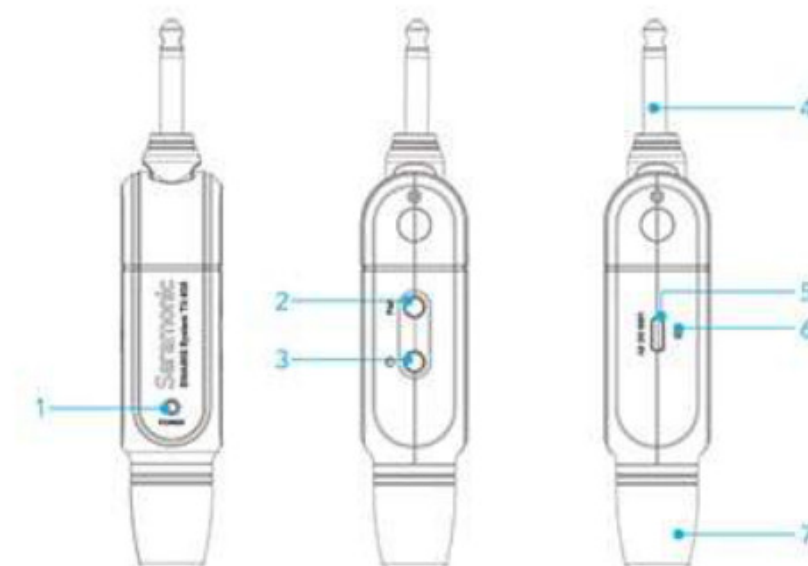
## Blink800 B1(TX-35+RX-35)

### Introduction

The Saramonic Blink800 B1 is a 5.8 GHz durable metal wireless lavalier system that delivers detailed, crystal clear sound. With the 3.5mm TRS audio output cable, it is compatible with DSLRs, mirrorless cameras, camcorders, recorders, and more. The Blink800 system is designed to automatically avoid interference for hassle-free and reliable sound performance.

### Product Structure

#### 1. 3.5mm input transmitter Blink800 TX-35



(1) Power and Pairing Indicator

**Power Functions:**

Flashing Red Light=Low Battery

**Pairing Functions:**

Flashing Blue Light (every 1 second)=Unpaired

Quick Flashing Blue Light (every 0.5 second)=Waiting for Pairing

Solid Blue Light=Paired Successfully

**Note:** if the transmission signal is poor, please follow the steps below to select a different channel until you get a clear sound.

Quickly press the power button of TX-35 to select the channel. Once the receiver and transmitter are paired, they will be connected automatically on the same channel, even when powered off and on. (Red light flashing once=Channel 1, Red light flashing twice=Channel 2, Red light flashing three times=Channel 3, Red light flashing four times=Channel 4)

(2) Pair Button

(3) Power Button

Long press to turn on or off the transmitter.

(4) MIC IN jack (3.5mm TRS locking input jack)

(5) USB Type-C Charging Port

(6) Charge Indicator

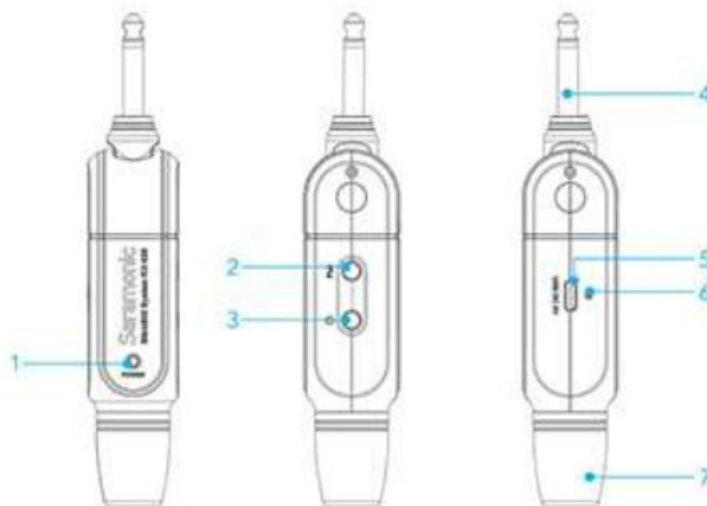
Solid Red Light=Charging

Light turns off = Fully Charged

(7) Built-in Antenna

**Note:** Be careful to avoid violent collisions to antenna.

**2. 3.5mm output receiver Blink800 RX-35**



(1) Power and Pairing Indicator

**Power Functions:**

Flashing Red Light=Low Battery

**Pairing Functions:**

Flashing Blue Light (every 1 second)=Unpaired

Quick Flashing Blue Light (every 0.5 second)=Waiting for Pairing

Solid Blue Light=Paired Successfully

Once the receiver and transmitter are paired, they will be connected with each other automatically, even when powered off and on.

(2) Pair Button

(3) Power Button

Long press to turn on or off the receiver.

(4) OUTPUT jack (3.5mm TRS locking output jack)

(5) USB Type-C Charging Port

(6) Charge Indicator

Solid Red Light=Charging Battery

Light turns off = Fully Charged

(7) Built-In Internal Antenna

**Note:** Be careful to avoid violent collisions to antenna. If the transmission signal is poor, please follow the steps below to select a different channel until you get a clear sound. Quickly press the power button of TX-35 to select the channel. Once the receiver and transmitter are paired, they will be connected automatically on the same channel, even when powered off and on. (Red light flashing once=Channel 1, Red light flashing twice=Channel 2, Red light flashing three times=Channel 3, Red light flashing four times=Channel 4)

### Quick Setup Guide (Blink800 B1)



#### 1. Attach the belt clip to the TX-35

(1) Press the TX-35 down fitting into the horizontal groove on the belt clip.

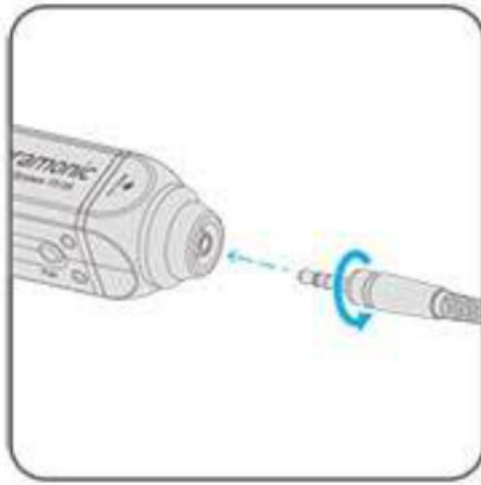
(2) Attach the TX-35 into the place according to the shown icon of groove.

Please repeat the above steps for attaching the adapter to RX-35.

#### 2. Connect the supplied lavalier to the MIC IN jack of TX-35

(1) Plug the supplied lavalier microphone into the MIC

(2) For a secure connection, turn to lock the connector.



### 3. Attach the shoe mount to the RX-35

- (1) Push the RX-35 down fitting into the horizontal groove on the cold shoe mount.
- (2) Slide the RX-35's cold shoe mount onto camera's shoe mount.



- (3) Plug the supplied 3.5mm TRS to TRS output cable into the OUTPUT jack of RX-35 and then into camera's mic input.

**Note:** Please make sure the transmitter and receiver pairing has been completed.

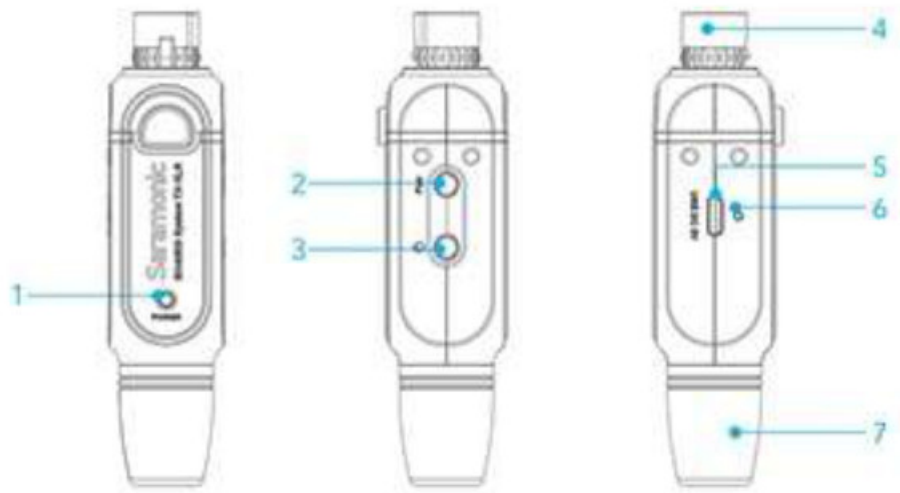
## Blink800 B2 (TX-XLR+RX-XLR)

### Introduction

The Saramonic Blink800 B2 is a 5.8GHz durable metal wireless system for delivering detailed, crystal clear sound during recording. With the XLR output connector, it is compatible with instruments, dynamic & self-powered microphone, and other XLR devices. It is fully compatible with other Blink800 wireless system components for added system expandability.

### Product Structure

1. XLR input transmitter Blink800 TX-XLR



(1) Power and Pairing Indicator

**Power Functions:**

Flashing Red Light=Low Battery

**Pairing Functions:**

Flashing Blue Light (every 1 second)}=Unpaired

Quick Flashing Blue Light (every 0.5 second)=Waiting for Pairing

Solid Blue Light=Paired Successfully

Once the receiver and transmitter are paired, they will be connected with each other automatically, even when powered off and on.

**Note:** If the transmission signal is poor, please follow the steps below to select a different channel until you get a clear sound.

Quickly press the power button of TX-35 to select the channel. Once the receiver and transmitter are paired, they will be connected automatically on the same channel, even when powered off and on. (Red light flashing once=Channel 1, Red light flashing twice=Channel 2, Red light flashing three times=Channel 3, Red light flashing four times=Channel 4)

(1) Pair Button

(2) Power Button

Long press to turn on or off the transmitter.

(3) XLR output connector

(4) USB Type-C Charging Port

(5) Charge Indicator

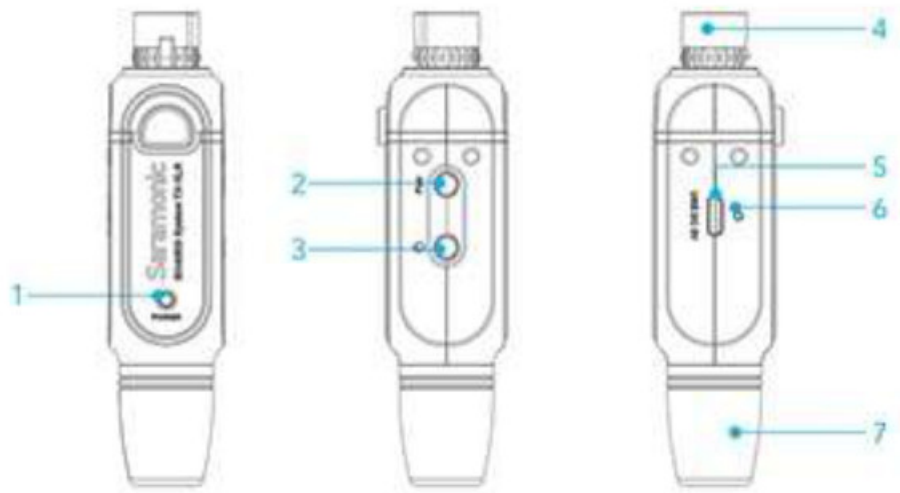
Solid Red Light=Charging Battery

Light turns off = Fully Charged

(6) Built-in Antenna

**Note:** Be careful to avoid violent collisions to antenna.

**2. XLR output receiver Blink800 RX-XLR**



(1) Power and Pairing Indicator

**Power Functions:**

Flashing Red Light=Low Battery

**Pairing Functions:**

Flashing Blue Light (every 1 second)=Unpaired

Quick Flashing Blue Light (every 0.5 second)=Waiting for Pairing

Solid Blue Light=Paired Successfully

Once the receiver and transmitter are paired, they will be connected with each other automatically, even when powered off and on.

(2) Pair Button

(3) Power Button

Long press to turn on or off the receiver.

(4) XLR output connector

(5) USB Type-C Charging Port

(6) Charge Indicator

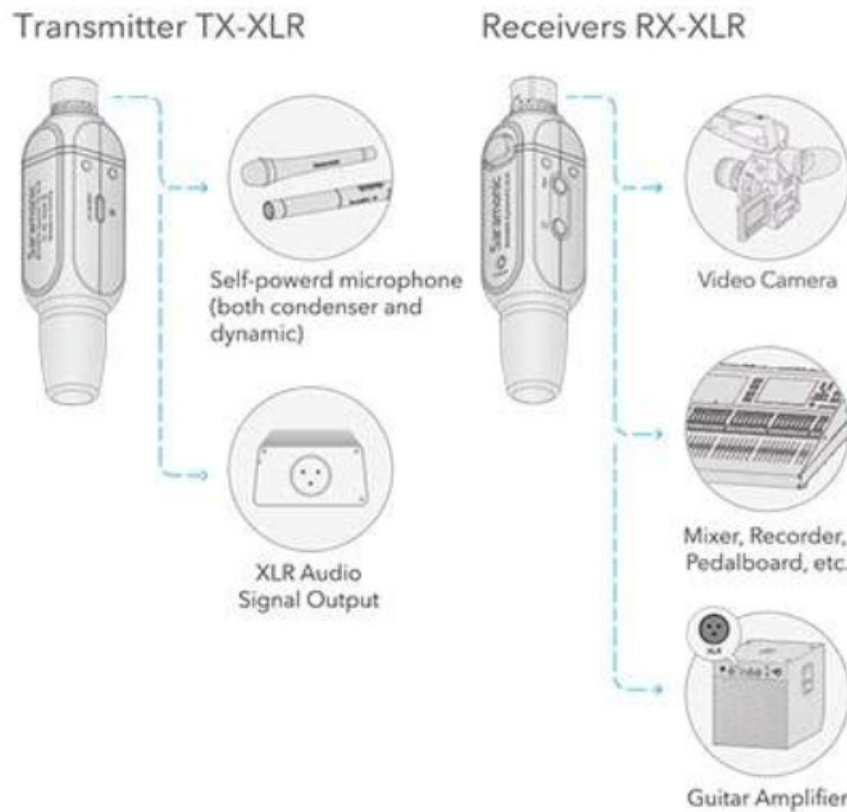
Solid Red Light=Charging Battery

Light turns off = Fully Charged

(7) Built-In Internal Antenna

**Note:** Be careful to avoid violent collisions to antenna.

**Quick Setup Guide (Blink800 B2)**



1. Attach the Blink800 TX-XLR transmitter to dynamic microphone, self-powered microphone, or other XLR audio output device.

Pushing in the microphone or XLR male audio output into the XLR female input of Blink800 TX-XLR until it clicks into place.

**Note:** Please turn off the transmitter before attaching or removing the microphone.

2. Attach the Blink800 RX-XLR receiver to the video camera, mixer, recorder, or other XLR input device.

**Note:** Please make sure the transmitter and receiver pairing has been completed.

## Blink800 B3 (TX-635+RX-635)

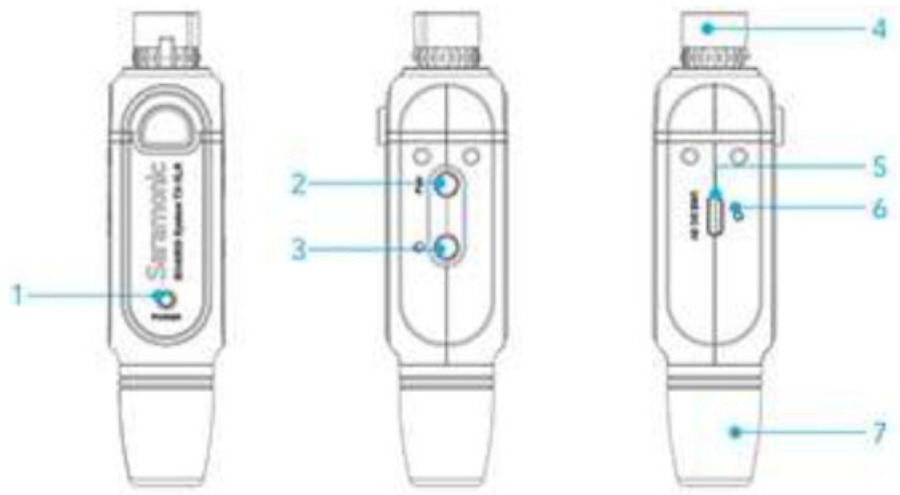
### Introduction

The Saramonic Blink800 B3 is a 5.8GHz durable metal wireless guitar and instrument system that delivers detailed, crystal clear sound. With the 6.35mm audio output connector, it wirelessly transmits guitars, keyboards and other instruments to amplifiers, pedal boards, mixers and more. It is fully compatible with other Blink800 wireless system components for added system expandability.

### Product Structure

1. 6.35mm input transmitter Blink800 TX-635





(1) Power and Pairing Indicator

Power Functions:

Flashing Red Light=Low Battery

**Pairing Functions:**

Flashing Blue Light (every 1 second)=Unpaired

Quick Flashing Blue Light (every 0.5 second)=Waiting for Paring

Solid Blue Light=Paired Successfully

Once the receiver and transmitter are paired, they will be connected with each other automatically, even when powered off and on.

**Note:** If the transmission signal is poor, please follow the steps below to select a different channel until you get a clear sound.

Quickly press the power button of TX-35 to select the channel. Once the receiver and transmitter are paired, they will be connected automatically on the same channel, even when powered off and on. (Red light flashing once=Channel 1, Red light flashing twice=Channel 2, Red light flashing three times=Channel 3, Red light flashing four times=Channel 4)

(2) Pair Button

(3) Power Button

Long press to turn on or off the transmitter.

(4) 6.35mm output connector

(5) USB Type-C Charging Port

(6) Charge Indicator

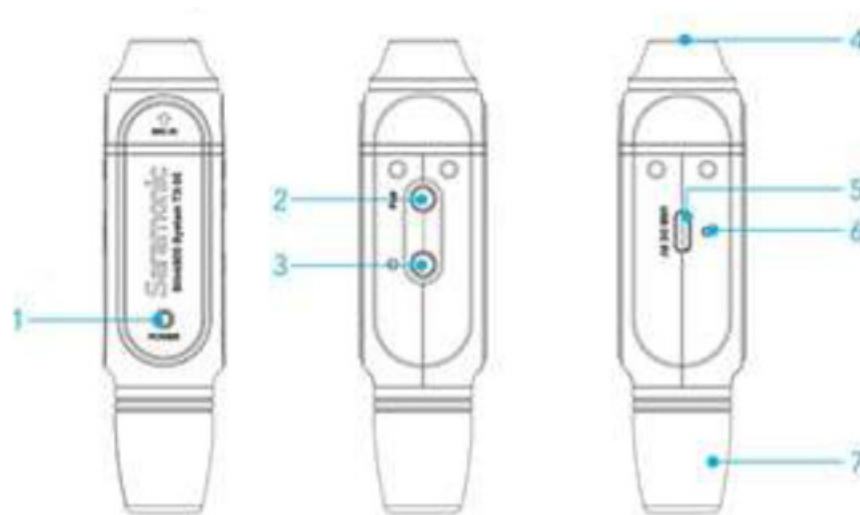
Solid Red Light=Charging

Light turns off = Fully Charged

(7) Built-in Antenna

Note: Be careful to avoid violent collisions to antenna.

## 2. 6.35mm output receiver Blink800 RX-635



(1) Power and Pairing Indicator

#### **Power Functions:**

Flashing Red Light=Low Battery

#### **Pairing Functions:**

Flashing Blue Light (every 1 second)=Unpaired

Quick Flashing Blue Light (every 0.5 second)=Waiting for Pairing

Solid Blue Light=Paired Successfully

Once the receiver and transmitter are paired, they will be connected with each other automatically, even when powered off and on.

(2) Pair Button

(3) Power Button

Long press to turn on or off the receiver .

(4) 6.35mm output connector

(5) USB Type-C Charging Port

(6) Charge Indicator

Solid Red Light=Charging Battery

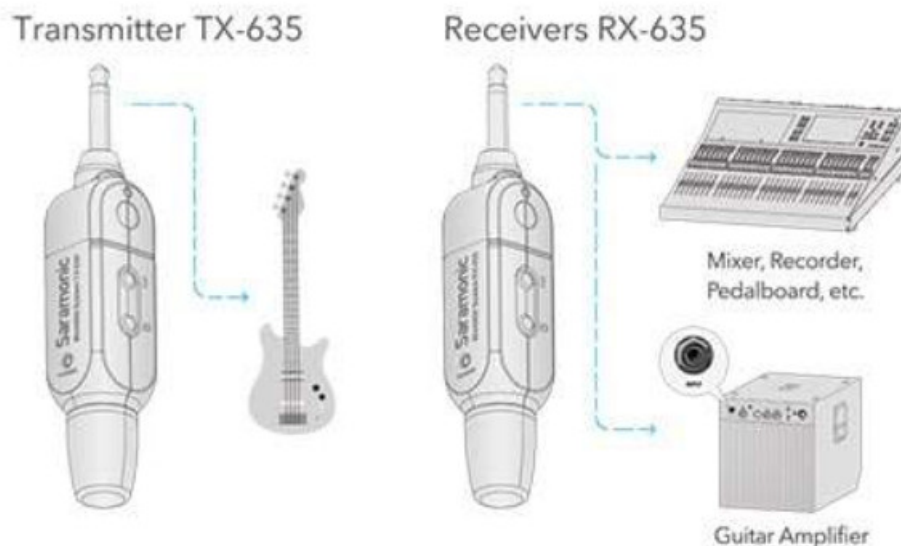
Light turns off = Fully Charged

(7) Built-In Internal Antenna

**Note:** Be careful to avoid violent collisions to antenna.

### **Quick Setup Guide (Blink800 B3)**

1. Attach the Blink800 TX-635 transmitter to instrument, or any 6.35mm output device.
2. Attach the Blink800 RX-635 receiver to the mixer, recorder, pedalboard, guitar amplifier etc.



**Note:** Please make sure the transmitter and receiver pairing has been completed.

## Operation Guide

### For the Blink800 B1 kit

1. Turn on the TX-35 transmitter and RX-35 receiver.

2. The transmitter and receiver have been paired successfully before leaving the factory.

**Note:** if the transmitter and receiver are disconnected, please follow the steps below to connect them manually. Press the pair button of receiver and transmitter simultaneously and hold for 3 seconds, the indicators of receiver and transmitter should be quick flash at every 0.5 seconds waiting for pairing. The pairing mode off when you have not operate the receiver or transmitter for 20 seconds.

3. When pairing success, the indicators of transmitter and receiver are solid blue.

#### **Note:**

(1) To pair a second receiver RX, just repeat the step 2. (Receivers only can receive one transmitter at a time. Transmitters can transmit to up to 4 receivers simultaneously.)

(2) If the transmission signal is poor, please follow the steps below to select a different channel until you get a clear sound. Quickly press the power button of TX-35 to select the channel. Once the receiver and transmitter are paired, they will be connected automatically on the same channel, even when powered off and on.

(Red light flashing once=Channel 1, Red light flashing twice=Channel 2, Red light flashing three times=Channel 3, Red light flashing four times=Channel

4. Connect the supplied lavalier to the MIC IN jack of TX-35 transmitter.

5. Connect the RX-35 receiver to the mic jack of a camera, camcorder, recorder with the supplied 3.5mm TRS audio cable.

6. You are ready to record.

### For the Blink800 B2 kit

1. Turn on the TX-XLR transmitter and RX-XLR receiver.

2. The transmitter and receiver have been paired successfully before leaving the factory.

**Note:** If the transmitter and receiver are disconnected, please follow the steps below to connect them manually. Press the pair button of receiver and transmitter simultaneously and hold for 3 seconds, the

indicators of receiver and transmitter should be quick flash at every 0.5 seconds waiting for pairing. The pairing mode off when you have not operate the receiver or transmitter for 20 seconds.

3. When pairing success, the indicators of transmitter and receiver are solid blue.

**Note:**

(1) To pair a second receiver RX, just repeat the step 2. (Receivers only can receive one transmitter at a time. Transmitters can transmit to up to 4 receivers simultaneously).

(2) If the transmission signal is poor, please follow the steps below to select a different channel until you get a clear sound. Quickly press the power button of TX-35 to select the channel. Once the receiver and transmitter are paired, they will be connected automatically on the same channel, even when powered off and on.

(Red light flashing once=Channel 1, Red light flashing twice=Channel 2, Red light flashing three times=Channel 3, Red light flashing four times=Channel 4)

### **For the Blink800 B3 kit**

1. Turn on the TX-635 transmitter and RX-635 receiver.
2. The transmitter and receiver have been paired successfully before leaving the factory.

**Note:** If the transmitter and receiver are disconnected, please follow the steps below to connect them manually. Press the pair button of receiver and transmitter simultaneously and hold for 3 seconds, the indicators of receiver and transmitter should be quick flash at every 0.5 seconds waiting for pairing. The pairing mode off when you have not operate the receiver or transmitter for 20 seconds.

3. When pairing success, the indicators of transmitter and receiver are solid blue.

**Note:**

(1) To pair a second receiver RX, just repeat the step 2. (Receivers only can receive one transmitter at a time. Transmitters can transmit to up to 4 receivers simultaneously).

(2) If the transmission signal is poor, please follow the steps below to select a different channel until you get a clear sound. Quickly press the power button of TX-35 to select the channel. Once the receiver and transmitter are paired, they will be connected automatically on the same channel, even when powered off and on.

(Red light flashing once=Channel 1, Red light flashing twice=Channel 2, Red light flashing three times=Channel 3, Red light flashing four times=Channel 4)

4. Attach the Blink800 TX-635 transmitter to instrument, or any 6.35mm output device.
5. Attach the Blink800 RX-635 receiver to the mixer, recorder, pedalboard, guitar amplifier, etc.
6. You are ready to record,

## **Specification**

### **RX-35**

Wireless Transmission	Digital 5.8GHz
Modulation	GFSK
Frequency Response	20Hz to 20kHz
Operating Range	Up-to 60m (196,85') without obstacles
Output	Gold-plated locking 3.5mm jack
Audio output level	-60 dBV
Audio latency	≤4ms
Power Requirements	Built-in battery or USB-C DC 5V
Antenna	PIFA antenna
Built-In Battery Life	Approx. 6 hours
Dimensions	109.59x28x29.56mm
Weight	RX: 92g (3.2 oz.)
Operating temperature	0°C to 50°C
Storage temperature	-20°C to +55°C,

## TX-35

Wireless Transmission	Digital 5.8GHz
Modulation	GSK
Frequency Response	20Hz to 20kHz
Operating Range	Up-to 60m (196.85) without obstacles
Input	Gold-plated locking 3.5mm jack
RF Output Power	5mW
Audio latency	≤4ms
Maximum SPL	Lavalier Microphone: 110dB SPL
Sensitivity	Lavalier Microphone: -30dB
SNR	>72dB
Power Requirements	Built-in battery or USB-C DC 5V
Antenna	PIFA antenna
Built-In Battery Life	Approx. 6 hours:
Dimensions	109.59x28x29.56mm
Weight	TX: 92g (3.2oz.)
Operating temperature	0°C to 50°C
Storage temperature	-20°C to +55°C

## RX-XLR

Wireless Transmission	Digital 5.8GHz
Modulation	GFSK
Frequency Response	20Hz to 20kHz
Operating Range	Up-to 60m (196.85") without obstacles
Output	KR eee ee
'Audio output level	-60 dBV
Audio latency	≤4ms
Power Requirements	Built-in battery or USB-C DC 5V
Antenna	PIFA antenna
Built-In Battery Life	; Approx. 6 hours
Dimensions	114.32128129.Somm
Weight	RX: 95g (3.03 oz.)
Operating temperature	0°C to 50°C
Storage temperature	-20°C to +55°C

## TX-XLR

Wireless Transmission	Digital 5.8GHz
Modulation	-GFSK
Frequency Response	20Hz to 20kHz
Operating Range	Up-to 60m (196.85) without obstacles
Input	XLR
RF Output Power	5mW
Audio latency	≤4ms
SNR	>72dB
Power Requirements	Built-in battery or USB-C OC SV
Antenna	: PIFA antenna
Built-in Battery Life	Approx. 6 hours
Dimensions :	414.32x28x29.56mm
Weight	TX: 98g (3.4 02.)
Operating temperature	0°C to 50°C
Storage temperature	-20°C to +55°C

#### RX-635

Wireless Transmission	Digital 5.8GHz
Modulation	GFSK
Frequency Response	20Hz to 20kHz
Operating Range	Up-to 60m (196.85) without obstacles
Output	Gold-plated 635mm connector
Audio output level	-60 dBV
Audio latency	≤4ms
Power Requirements	Built-in battery or USB-C DC SV
Antenna	PIFA antenna
Built-In Battery Life	Approx. 6 hours
Dimensions	152.2x28x29.56mm
Weight	RX: 88g (3.1 oz.)
Operating temperature	0°C to 50°C
Storage temperature	-20°C to +55°C

Wireless Transmission	Digital 5.8 GHz
Modulation	GFSK
Frequency Response	20Hz to. 20kHz /
Operating Range	Up-to 60m (196.85) without obstacles
Input 7	Gold-plated 6.35mm Connector
RF Output Power	SmW
Audio latency	≤4ms
SNR	>72B
Power Requirements	Built-in battery or USB-C DC 5V
Antenna	PIFA antenna
Built-In Battery Life	Approx. 6 hours
Dimensions	152.2x28x29.56mm
Weight	TX: 88g (3.1 oz.)
Operating temperature	0°C to 50°C
Storage temperature	-20°C to + 55°C

## Packing List

### Packing list

#### **Blink800 RX-35**

1xBlink800 RX-35 Receiver  
 1xDetachable Cold Shoe Adapter for RX-35  
 1×1' (30.5cm) 3.5mm TRS to TRS Output Cable for Camera  
 1×1' (30.5cm) USB-C to USB-A Charging Cable  
 1xWarranty Card  
 1xUser Manual

#### **Blink800 TX-35**

1xBlink800 TX-35 Transmitter  
 1xOK3A Omnidirectional Lavalier Microphone  
 1xPlastic Belt-Clip Mounting Plate for TX-35  
 1×1' (30.5cm) USB-C to USB-A Charging Cable  
 1xWarranty Card  
 1xUser Manual

#### **Blink800 RX-XLR**

1xBlink800 RX-XLR Receiver  
 1×1' (30.5cm) USB-C to USB-A Charging Cable  
 1×1.1'(35cm)XLR Cable  
 1×Warranty Card  
 1xUser Manual



**Blink800 TX-XLR**

1xBlink800 TX-XLR Transmitter  
1×1' (30.5cm) USB-C to USB-A Charging Cable  
1\*1.1'(35cm)XLR Cable  
1xWarranty Card  
1xUser Manual

**Blink800 RX-635**

1xBlink800 RX-635 Receiver  
1×1' (30.5cm) USB-C to USB-A Charging Cable  
1xWarranty Card  
1xUser Manual

**Blink800 TX-635**

1xBlink800 TX-635 Transmitter  
1×1' (30.5cm) USB-C to USB-A Charging Cable  
1×2'(60cm) 6.35mm extension cable  
1xWarranty Card  
1xUser Manual

**Blink800 B1 (TX-354+RX-35)**

1xBlink800 RX-35 Receiver  
1xBlink800 TX-35 Transmitter  
1xDetachable Cold Shoe Adapter for RX-35  
1xPlastic Belt-Clip Mounting Plate for TX-35  
1xDK3A Omnidirectional Lavalier Microphone  
1×1'(30.5cm) 3.5mm TRS to TRS Output Cable for Camera  
2×1' (30.5cm) USB-C to USB-A Charging Cable  
1xWarranty Card  
1xUser Manual


**Blink800 B2 (TX-XLR+RX-XLR)**

1xBlink800 RX-XLR Receiver  
1xBlink800 TX-XLR Transmitter  
2×1'(30.5cm) USB-C to USB-A Charging Cable  
2\*1.1' (35cm)XLR Cable  
1xWarranty Card  
1xUser Manual

**Blink800 B3 (TX-635+RX-635)**

1xBlink800 RX-635 Receiver  
1xBlink800 TX-635 Transmitter  
1\*2'(60cm) 6.35mm extension cable  
21'(30.5cm) USB-C to USB-A Charging Cable  
1xWarranty Card  
1xUser Manual

**Documents / Resources**

	<p><b><a href="#">Saramonic Blink 800 Digital Wireless Microphone System</a></b> [pdf] User Manual</p> <p>Blink 800 Digital Wireless Microphone System, Blink 800, Digital Wireless Microphone System, 5.8 GHz Digital Wireless Microphone System</p>
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