Saramonic

Sound.Remarkable.

5.8GHz Digital Wireless
Microphone System
5.8GHz 无线麦克风系统

Blink800

User Manual
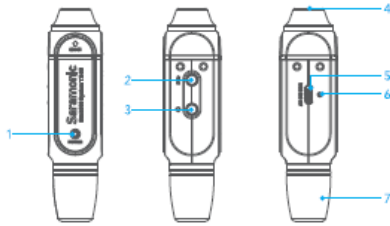用户手册

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.
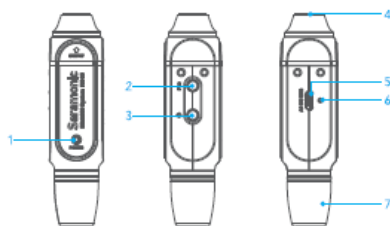
Product Structure

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)
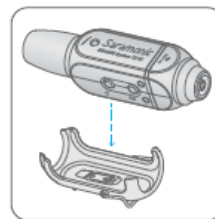
Quick Setup Guide (Blink800 B1)

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.

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=Chan-
nel 3, Red light flashing four times=Channel 4)*

② Pair Button

③ Power Button
Long press to turn on or off the transmitter.

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

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)

Transmitter TX-XLR   Receivers RX-XLR
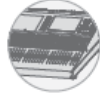

Self-powerd microphone
(both condenser and
dynamic)

XLR Audio
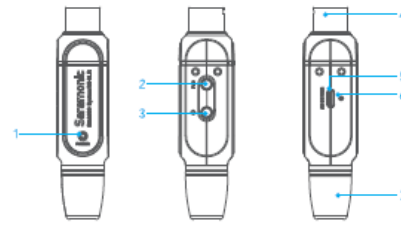Signal Output

Video Camera

Mixer, Recorder,
Pedalboard, etc.

Guitar Amplifier

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

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.*

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 paird 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 shoul be quick flash at every 0.5 seconds waiting for pairing. The pairing mode off when you have not operate the receiver or transmiter 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 simultane ously.)

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

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

For the Blink800 B3 kit

1. Turn on the TX-635 transmitter and RX-635 receiver.

2. The transmitter and receiver have been paird 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 shoul be quick flash at every 0.5 seconds waiting for pairing. The pairing mode off when you have not operate the receiver or transmiter 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 simultane ously).

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 paird 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 shoul be quick flash at every 0.5 seconds waiting for pairing. The pairing mode off when you have not operate the receiver or transmiter 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 simultane ously).

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. 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	GFSK
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 (3.2 oz.)
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	XLR
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	114.32x28x29.56mm
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 DC 5V
Antenna	PIFA antenna
Built-In Battery Life	Approx. 6 hours
Dimensions	114.32x28x29.56mm
Weight	TX: 98g (3.4 oz.)
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 6.35mm connector
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	152.2x28x29.56mm
Weight	RX: 88g (3.1 oz.)
Operating temperature	0°C to 50°C
Storage temperature	-20°C to +55°C

TX-635

Wireless Transmission	Digital 5.8GHz
Modulation	GFSK
Frequency Response	20Hz to 20kHz
Operating Range	Up-to 60m (196.85') without obstacles
Input	Gold-plated 6.35mm connector
RF Output Power	5mW
Audio latency	≤4ms
SNR	>72dB
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

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to providereasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.   Increase the separation between the equipment and receiver.   Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.