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› Saramonic Blink500T4 Wireless Lavalier Microphone System User Manual

Saramonic T4(3.5mm)

Saramonic Blink500T4 Wireless Lavalier Microphone System User Manual

Model: T4(3.5mm)

For DSLR Camera, Camcorder, Smartphones, Interview, Vlog, YouTube Video

INTRODUCTION

The Saramonic Blink500T4 is a state-of-the-art 2.4GHz wireless microphone system designed for capturing high-quality audio with up to four subjects simultaneously. Its compact and lightweight design makes it ideal for various applications, including vlogging, podcasting, mobile journalism, and video production. This manual provides detailed instructions for setting up, operating, and maintaining your Blink500T4 system.



Figure 1: The Saramonic Blink500T4 system, showcasing the four transmitters, one receiver, and included lavalier microphones.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 4 x Blink500T4 TX Transmitters
- 1 x Blink500T4 RX Receiver
- 4 x SR-M1 Omnidirectional Lavalier Microphones (with foam windscreen and mic clip)
- 2 x 3-in-1 USB-A to TYPE-C Charging Cables
- 1 x 4-in-1 3.5mm TRRRS to 3.5mm TRS Y-Cable for Camera
- 1 x 3.5mm TRRRS to 3.5mm TRRS Output Cable for Smartphone
- 1 x Carrying Case

In the Box



Blink500 Pro RX



Blink500T4 TX Transmitter * 4



SR-M1 Omnidirectional Lavalier Microphone (with Foam Windscreen and Mic Clip)* 4



3.5 mm TRRRS to 3.5 mm TRRS Output Cable for Smartphone



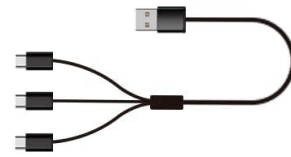
3.5 mm TRRRS to 3.5 mm TRS Output Cable for Camera



Carrying Case



3.5 mm TRRRS Male to Four 3.5 mm TRS Male Output Cable



3-in-1 Charging Cable*2

Figure 2: Visual representation of the complete package contents.

SETUP

1. Component Identification

Familiarize yourself with the transmitter (TX) and receiver (RX) units:



Receiver

- ① LINE OUT jack
- ② 3.5mm headphones output
- ③ Power button
- ④ Status Indicator
- ⑤ Output Mode Toggle
- ⑥ USB-C Charging Port(DC 5V)



Transmitter

- ① Built-in Microphone
- ② Power/Mute Button
- ③ +/-/Pair Button
- ④ Mic Gain Indicators
- ⑤ Pairing Indicator
- ⑥ Power/Mute Indicator

Figure 3: Detailed view of the receiver and transmitter components.

- **Transmitter (TX):** Features a built-in microphone, power/mute button, +/-/pair button, mic gain indicators, pairing indicator, and USB-C charging port.
- **Receiver (RX):** Features LINE OUT jacks (OUT1, OUT2), 3.5mm headphone output, power button, status indicator, output mode toggle, and USB-C charging port.

2. Charging the Units

Before first use, fully charge the transmitters and receiver using the provided 3-in-1 USB-A to TYPE-C charging cables. The charging port is located on the side of both units. The receiver has an approximate 8-hour battery life, while the transmitters offer approximately 12 hours.

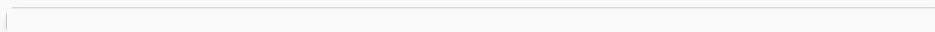


Figure 4: Battery life and charging indicators.

3. Powering On/Off & Pairing



Press and hold the power button on both the TX and RX units for 3 seconds to power them on or off. The units are pre-paired from the factory. If re-pairing is needed, refer to the detailed instructions in the included manual.

4. Connecting to Devices



The Blink500T4 system offers wide compatibility with various recording devices:

- **For DSLR Cameras/Camcorders:** Use the 4-in-1 3.5mm TRRRS to 3.5mm TRS Y-Cable. Connect the receiver's OUT1 and OUT2 ports to your camera's audio input.
- **For Smartphones (3.5mm TRRS):** Use the 3.5mm TRRRS to 3.5mm TRRS Output Cable.
- **For iOS (iPhone, iPad, iPod) & USB-C Smartphones/Tablets/Macbooks:** Additional adapter cables (sold separately) may be required.



Wide Compatibility



For DSLR Camera, Camcorders





3.5mm TRR for Smartphone



*Not included adapter cable

For IOS iPhone, iPad, iPod



*Not included adapter cable

For USB-C Smartphones, Tablets, Macbook, etc




Figure 5: Compatibility and connection options for various devices.

OPERATING INSTRUCTIONS

1. Microphone Usage

Each transmitter has a built-in omni-directional microphone. For optimal sound capture, clip the transmitter to your collar. Alternatively, you can plug the included SR-M1 external lavalier microphone into the transmitter's MIC IN jack for more discreet placement.

2. Adjusting Mic Gain

Use the +/- buttons on the transmitter to adjust the microphone gain. The mic gain indicators will show the current level. Adjust the gain to prevent audio clipping or distortion.

3. Real-time Monitoring

The receiver features a 3.5mm headphone output jack, allowing you to monitor the audio in real-time. This is crucial for ensuring optimal sound levels and quality during recording.

Real-time Monitor

Two LINE OUT jacks and a 3.5mm headphone output with level control let you monitor the sound in real-time.



Figure 6: Real-time audio monitoring via the receiver's headphone jack.

4. Output Modes (Mono/Stereo)

The receiver supports selectable mono and stereo output modes. In mono mode, all four transmitters' audio will be mixed to a single output. In stereo mode, the audio from group A (transmitters 1 & 2) is output to the left channel, and group B (transmitters 3 & 4) to the right channel. This allows for greater flexibility in post-production.

5. Noise Reduction

The Blink500T4 incorporates an intelligent noise reduction chip to minimize ambient noise, ensuring clear vocals even in noisy environments.

Intelligent Noise Reduction

Built-in professional-grade intelligent noise reduction chip



Figure 7: Intelligent Noise Reduction technology for clear audio.

6. Wireless Range

The system operates on the 2.4GHz transmission frequency band, providing a stable and reliable connection up to 328 feet (100 meters) in open, barrier-free environments.



2.4GHz Digital Frequency

Up to 100m working distance

Figure 8: The effective wireless operating range of the system.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the units. Do not use harsh chemicals or abrasive materials.
- **Battery Care:** To prolong battery life, fully charge the units before long-term storage. Recharge them every 3 months if not in use.
- **Storage:** Store the system in the provided carrying case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Foam Windscreens:** Use the included foam windscreens on the lavalier microphones for outdoor recording to minimize wind noise. Ensure they are securely attached to prevent loss.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	Incorrect connection; Low mic gain; Muted transmitter.	Ensure all cables are correctly connected. Adjust mic gain on TX. Unmute the transmitter.

Problem	Possible Cause	Solution
Poor audio quality/distortion	Too high mic gain; Interference; Microphone placement.	Reduce mic gain. Move away from interference sources. Ensure microphone is properly positioned.
Connection issues/dropouts	Out of range; Interference; Low battery.	Move TX/RX closer. Avoid obstacles. Recharge units.
Units not powering on	Low battery; Faulty unit.	Charge units fully. Contact customer support if issue persists.

SPECIFICATIONS

Feature	Detail
Transmission Type	2.4GHz Digital Frequency
Wireless Range	Up to 328ft (100m) without obstacles
Microphone Form Factor	Lavalier (Omnidirectional)
Frequency Response	20 Hz - 20 KHz
Signal-to-Noise Ratio	80 dB
Number of Channels	4
Receiver Battery Life	Approx. 8 hours
Transmitter Battery Life	Approx. 12 hours
Charging Port	USB Type-C (DC 5V/1A)
Item Weight	350 Grams (12.3 ounces)
Product Dimensions	4.33 x 7.87 x 3.15 inches

WARRANTY & SUPPORT

The Saramonic Blink500T4 comes with a 2-Year Saramonic Warranty. For warranty claims, technical support, or any inquiries regarding your product, please contact Saramonic customer service through their official website or the retailer where you purchased the product.

For further assistance, please visit the [Saramonic Official Website](#) or refer to the detailed user manual included in the package.