

Saramonic BLINK500PROXB5

Saramonic Blink 500 Pro X B5 Wireless Microphone System User Manual

Model: BLINK500PROXB5

1. PRODUCT OVERVIEW

The Saramonic Blink 500 Pro X B5 is an ultra-compact and easy-to-use 2.4GHz wireless microphone system designed to deliver high-quality sound for mobile devices and computers with a USB-C port. It is suitable for various applications including video recording, streaming, and online conferences.

The system includes a clip-on transmitter (TX) with a built-in omnidirectional microphone and an OLED display, and a device-mountable dual receiver (RXUC) that connects directly to your USB-C device. A lavalier microphone is also provided for discreet placement and enhanced audio capture.

2. WHAT'S IN THE BOX

Carefully unpack your Saramonic Blink 500 Pro X B5 system and ensure all components are present:

- Blink 500 Pro X TX Transmitter
- Blink 500 Pro X RXUC USB-C Receiver
- Blink 500 Pro X B5 Charging Case
- Lavalier Microphone
- Furry Windscreen for Transmitter
- USB-C Charging Cable
- Storage Pouch
- SIM Eject Tool (for pairing/reset, if applicable)



Image 2.1: All components included in the Saramonic Blink 500 Pro X B5 package.

3. SETUP GUIDE

3.1 Charging the System

Before initial use, fully charge the transmitter (TX) and the charging case.

1. Place the TX transmitter into the designated slot within the charging case.
2. Connect the USB-C charging cable to the charging case and a power source.
3. The charging case's LED indicators will show charging status. The transmitter will automatically power on and off when placed in and removed from the charging case.



Image 3.1: Transmitter and receiver placed in the charging case.

3.2 Connecting the Receiver (RXUC)

The RXUC receiver is designed for direct connection to USB-C compatible devices.

1. Locate the USB-C port on your smartphone, tablet, or computer.
2. Carefully plug the Blink 500 Pro X RXUC receiver into the USB-C port. Ensure a secure connection.

3. The receiver will draw power directly from your device.



Image 3.2: The RXUC receiver connected to a mobile phone.

3.3 Pairing the Transmitter and Receiver

The units are typically pre-paired from the factory. If re-pairing is necessary:

1. Ensure both the TX transmitter and RXUC receiver are powered on.
2. Refer to the specific pairing instructions in the full Saramonic manual or contact support if automatic pairing does not occur.

3.4 Attaching the Transmitter and Lavalier Microphone

The transmitter can be used with its built-in microphone or with the included lavalier microphone.

- **Using Built-in Microphone:** Clip the TX transmitter directly onto clothing, ensuring the microphone faces the sound source.
- **Using Lavalier Microphone:** Plug the lavalier microphone into the 3.5mm MIC/LINE IN jack on the TX transmitter. Clip the lavalier mic to clothing approximately 6-8 inches (15-20 cm) from the speaker's mouth. Secure the transmitter to a belt or pocket.



Image 3.3: Transmitter (TX) with lavalier microphone and receiver (RXUC).

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **Transmitter (TX):** The TX unit powers on automatically when removed from the charging case and powers off when placed back in.
- **Receiver (RXUC):** The RXUC unit powers on automatically when plugged into a USB-C device.

4.2 Monitoring Audio

The RXUC receiver features a 3.5mm headphone output for real-time audio monitoring.

1. Plug headphones into the 3.5mm jack on the RXUC receiver.
2. Adjust the monitoring volume on your headphones or connected device.



Image 4.1: Monitoring audio with headphones connected to the RXUC receiver.

4.3 Transmitter Controls and Display

The TX transmitter features an OLED display for essential information and controls for audio adjustment.

- **OLED Display:** Shows battery level, signal strength, audio input level, and current settings.
- **Input Level Control:** Use the designated buttons (usually +/-) to adjust the microphone input gain. Monitor the audio levels on the OLED display to prevent clipping.
- **Mute Function:** A dedicated button allows for quick muting of the microphone. The display will indicate when the microphone is muted.

4.4 Mono/Stereo Output Setting

The RXUC receiver allows switching between mono and stereo output modes.

- **Mono Mode:** Combines both audio channels into a single mono track.
- **Stereo Mode:** Separates audio channels into left and right tracks.
- Refer to the receiver's controls or the full manual for instructions on how to switch between these modes, typically via a small switch or button.

5. MAINTENANCE

5.1 Cleaning

- Wipe the units with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Keep the microphone grilles free from dust and debris.

5.2 Storage

- Store the system in the provided charging case or pouch when not in use to protect it from dust and physical damage.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

5.3 Battery Care

- For optimal battery life, avoid fully discharging the units frequently.
- If storing for extended periods, charge the units to approximately 50% every few months.

6. TROUBLESHOOTING

If you encounter issues with your Saramonic Blink 500 Pro X B5, refer to the following common solutions:

Problem	Possible Cause	Solution
No sound or low audio level	Microphone muted, low input gain, incorrect connection, low battery.	Check TX mute status. Adjust TX input gain. Ensure RXUC is fully plugged into device. Charge TX and charging case.
Poor audio quality (static, dropouts)	Interference, out of range, physical obstruction.	Move away from other 2.4GHz devices. Reduce distance between TX and RXUC. Ensure clear line-of-sight.
Receiver not recognized by device	Loose connection, device compatibility issue, software settings.	Ensure RXUC is firmly connected. Check device's audio input settings. Restart device.
Transmitter not charging	Improper placement in case, faulty cable/power source.	Ensure TX is correctly seated in the charging case. Try a different USB-C cable and power adapter.

If the problem persists, please contact Saramonic customer support for further assistance.

7. SPECIFICATIONS

Key technical specifications for the Saramonic Blink 500 Pro X B5 system:

Feature	Detail
Model Number	BLINK500PROXB5
Microphone Form Factor	Lavalier

Feature	Detail
Polar Pattern	Omnidirectional
Connectivity Technology	USB (Wireless 2.4 GHz)
Connector Type	3.5 mm Jack, USB-C
Frequency Response	2.4 GHz
Number of Channels	2
Power Source	Battery Powered
Battery Run Time (TX)	Up to 10 hours
Charging Case Capacity	2000mAh (provides up to 5 additional charges for TX)
Operating Range	Up to 328 feet (100m) line-of-sight
Compatible Devices	Personal Computer, Smartphone, Tablet (with USB-C)
Item Weight	1.04 ounces (TX unit)
Product Dimensions	5.71 x 2.95 x 6.5 inches (packaging)


8. WARRANTY AND SUPPORT



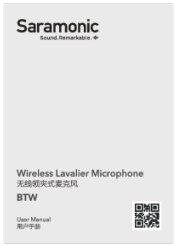

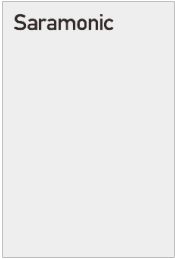
Saramonic products are designed for reliability and performance. For warranty information, product registration, and technical support, please visit the official Saramonic website or contact their customer service department.

Keep your proof of purchase for any warranty claims.

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Related Documents - BLINK500PROXB5

	<p>Saramonic Air 2.4 GHz Dual-Channel Wireless Microphone System User Manual</p> <p>User manual for the Saramonic Air, a 2.4 GHz dual-channel wireless microphone system. Includes features, package contents, product structure, operating guide, troubleshooting, and specifications for transmitters, receivers, and charging cases.</p>
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	<p>Saramonic Blink Go 2.4GHz Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the Saramonic Blink Go, an ultracompact 2.4GHz dual-channel wireless microphone system compatible with Lightning and USB-C mobile devices. Features automatic pairing, noise cancellation, and long battery life for vlogging and live streaming.</p>
	<p>Saramonic Blink900 Ultracompact 2.4GHz Dual-Channel Wireless Microphone System User Manual</p> <p>User manual for the Saramonic Blink900, a lightweight 2.4GHz dual-channel wireless microphone system. Details features, product structure, operation, LCD display functions, specifications, and packing list for content creators, vloggers, and mobile journalists.</p>
	<p>Saramonic BTW Wireless Lavalier Microphone User Manual</p> <p>User manual for the Saramonic BTW Wireless Lavalier Microphone, detailing its features, product structure, operation guide, specifications, and packing list. Compatible with iOS/Android devices and laptops via Bluetooth for content creation and audio recording.</p>
	<p>Saramonic Ultra Ultimate 2-channel Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the Saramonic Ultra, an ultimate 2-channel wireless microphone system. This guide covers setup, operation, features like 32-bit float recording and timecode sync, product structure, and detailed specifications for transmitters, receivers, and charging cases.</p>
	<p>Saramonic Air 2.4 GHz Dual-Channel Wireless Microphone System User Manual</p> <p>User manual for the Saramonic Air, a 2.4 GHz dual-channel wireless microphone system designed for high-quality audio capture. Includes details on product features, setup, usage with mobile devices and cameras, app control, troubleshooting, and specifications.</p>

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Discover the Saramonic Blink 500 ProX series, advanced 2.4GHz wireless microphone systems for creators. This overview details the B3, B4, B5, and B6 models, highlighting their features, connectivity (Lightning/USB-C), and comprehensive package contents for professional audio capture.

