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› Saramonic Blink300 B4 Wireless Lavalier Microphone User Manual

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Model: Blink300 B4

INTRODUCTION

The Saramonic Blink300 B4 is a dual-channel 2.4GHz wireless lavalier microphone system designed for use with Apple iPhone and iPad devices. It features an MFi Certified Lightning Port receiver and two rechargeable transmitters, enabling high-quality audio recording for interviews, vlogs, live streams, and other content creation scenarios involving two individuals.

This system operates on the 2.4GHz frequency spectrum, automatically selecting clear channels to minimize interference and ensure stable audio transmission. Key features include noise reduction technology for clear sound and a compact, portable design for ease of use.

WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 2 x Blink300 Transmitters (TX)
- 1 x Blink300 RXDi Receiver (Lightning Connector)
- 2 x USB-C Charging Cables
- 2 x Fur Windshields
- 1 x Pairing Pin

PRODUCT STRUCTURE



This image illustrates the key components of the Blink300 TX transmitter and the Blink300 RXDi receiver. The transmitter features a built-in microphone, status indicator, power/mute/pair button, belt clip, gain control buttons, noise cancellation button, USB-C charging port, and a 3.5mm MIC IN jack. The receiver includes a pair M/S pinhole, MFi Certified Lightning Connector, and a status indicator.

Blink300 Transmitter (TX)

- **Built-in Microphone:** Captures audio.
- **Status Indicator:** Displays power, pairing, and battery status.
- **Power/Mute/Pair Button:** Controls power, mutes the microphone, and initiates pairing.
- **Belt Clip:** For attaching the transmitter to clothing.
- **Gain Control (+/- Buttons):** Adjusts microphone input level.
- **Noise Cancellation Button:** Activates or deactivates noise reduction.
- **USB-C Charging Port:** For charging the internal battery.
- **3.5mm MIC IN Jack:** For connecting an external lavalier microphone (not included).

Blink300 RXDi Receiver

- **Pair M/S Pinhole:** Used with the included pairing pin to initiate pairing.
- **MFi Certified Lightning Connector:** Connects directly to Apple iOS devices (iPhone, iPad).
- **Status Indicator:** Displays connection status.

SETUP AND PAIRING

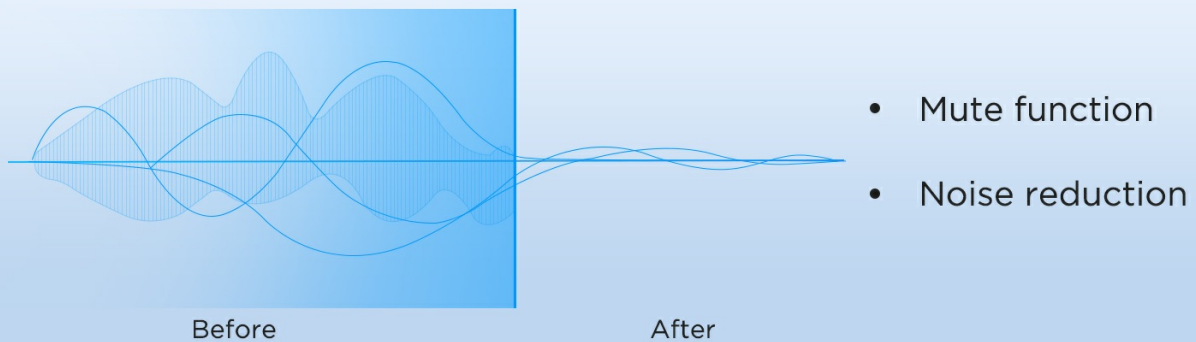
Follow these steps to set up and pair your Saramonic Blink300 B4 system:

1. **Charge Transmitters:** Before first use, fully charge both Blink300 Transmitters using the provided USB-C charging cables. The status indicator will show charging progress.
2. **Power On Transmitters:** Press and hold the power button on each transmitter for 5 seconds to turn them on. The status indicator will light up.
3. **Initiate Pairing on Transmitters:** With the transmitters powered on, press and hold the power button

again for 5 seconds to enter pairing mode. The status indicator will blink rapidly.

4. **Connect Receiver:** Plug the Blink300 RXDi receiver directly into the Lightning port of your iPhone or iPad. The receiver's status indicator will light up.
5. **Initiate Pairing on Receiver:** Use the included pairing pin to press and hold the small pinhole button on the RXDi receiver for 5 seconds. The receiver's status indicator will blink rapidly.
6. **Confirm Pairing:** The transmitters and receiver will automatically pair within 5 seconds. Once successfully paired, the status indicators on both the transmitters and receiver will turn solid blue.
7. **Ready for Use:** Your Saramonic Blink300 B4 system is now ready for recording.

Noise Cancellation & Crystal Clear Sound



This image visually guides through the setup process: 1. Pressing the transmitter button, 2. Plugging the receiver into an iOS device, and 3. Confirming the connected status. This process ensures automatic pairing for immediate use.

Note: For optimal performance, avoid significant obstacles like walls and buildings, and keep away from other 2.4GHz devices (e.g., Wi-Fi antennas, radios) that may cause interference.

OPERATING INSTRUCTIONS

Wearing the Transmitter

Attach the transmitter to your clothing using the belt clip. Position the built-in microphone approximately 6-8 inches (15-20 cm) from your mouth for optimal audio capture. For best results, use the included fur windshield to reduce wind noise when recording outdoors.

Adjusting Gain (Volume)

Use the '+' and '-' gain control buttons on the side of the transmitter to adjust the microphone's input level. Monitor your audio levels on your recording device to prevent clipping or distortion.

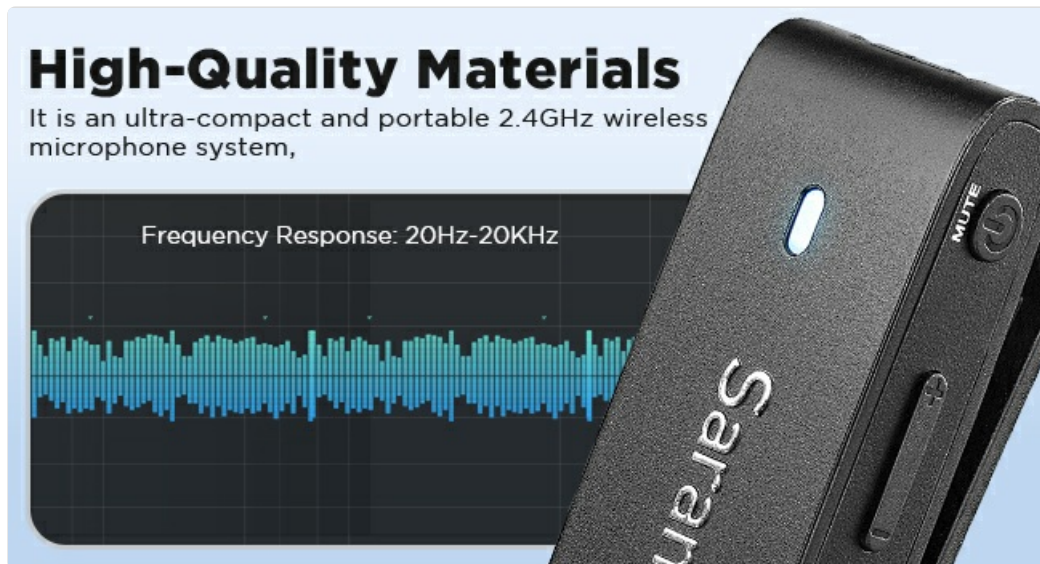
Mute Function

Briefly press the Power/Mute/Pair button on the transmitter to mute or unmute the microphone. The status indicator will change to reflect the mute status (e.g., blinking slowly or changing color, refer to the status indicator guide for details).

NOISE CANCELLATION

The Blink300 B4 features an innovative noise reduction technology to minimize ambient background noise, ensuring clearer audio recordings.

- **Activating Noise Cancellation:** Press the dedicated Noise Cancellation button on the transmitter to turn the function on.
- **Deactivating Noise Cancellation:** Press the Noise Cancellation button again to turn the function off.



This diagram illustrates the effect of noise cancellation, showing how unwanted background frequencies are reduced, resulting in a cleaner audio signal.

CHARGING

The Blink300 Transmitters are equipped with internal rechargeable batteries. The RXDi receiver is powered directly by the connected iOS device.

- **Transmitter Charging:** Use the included USB-C charging cables to charge the transmitters. Connect the USB-C end to the transmitter's charging port and the other end to a standard USB power adapter (not included).
- **Battery Life:** A fully charged transmitter provides up to 6 hours of operating time.
- **Charging Indicator:** The status indicator on the transmitter will show the charging status. Refer to the product's LED indicator guide for specific light patterns.

Wide Compatibilities

It is ideal for content creation, live streaming, vlogging, mobile journalism and much more.



This image highlights the USB-C charging port on the transmitter, indicating where to connect the charging cable.

COMPATIBILITY

The Saramonic Blink300 B4 system is designed for wide compatibility with Apple iOS devices:

- **iPhones:** iPhone 5/6/7, 7 Plus, 8, 8 Plus, X, XR, XS, XS Max, 11, 11 Pro, 11 Pro Max, 12, 12 Pro, and newer models with a Lightning port.
- **iPads:** iPad 2/3/4, iPad Air series, iPad Pro series, and newer models with a Lightning port.

It supports recording on various online social media platforms and applications, including but not limited to:

- Google Meet
- TikTok
- Zoom
- YouTube
- Facebook
- Skype

USB-C Connector

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



This image demonstrates the broad compatibility of the Blink300 B4 with different iPhone and iPad models, as well as popular

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone and receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery longevity, avoid fully discharging the transmitters frequently. If storing for extended periods, charge the batteries to approximately 50% every few months.
- **Windshield Care:** The fur windshields can be gently cleaned with mild soap and water, then air-dried completely before re-use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	<ul style="list-style-type: none"> ◦ Transmitter not powered on. ◦ Transmitter and receiver not paired. ◦ Microphone muted. ◦ Gain level too low. ◦ Receiver not fully inserted into iOS device. ◦ iOS device volume too low. 	<ul style="list-style-type: none"> ◦ Ensure transmitters are powered on (solid blue indicator). ◦ Re-pair the transmitters and receiver as per "Setup and Pairing" section. ◦ Unmute the microphone by pressing the Power/Mute/Pair button. ◦ Increase the gain level using the '+' button on the transmitter. ◦ Ensure the RXDi receiver is securely connected to the Lightning port. ◦ Increase the volume on your iPhone/iPad.
Interference or static noise	<ul style="list-style-type: none"> ◦ Obstacles between transmitter and receiver. ◦ Proximity to other 2.4GHz devices. ◦ Environmental electromagnetic interference. 	<ul style="list-style-type: none"> ◦ Reduce distance and clear line of sight between devices. ◦ Move away from Wi-Fi routers, cordless phones, or other 2.4GHz devices. ◦ Activate the noise cancellation feature on the transmitter.
Transmitter not charging	<ul style="list-style-type: none"> ◦ Faulty USB-C cable or power adapter. ◦ Charging port obstruction. 	<ul style="list-style-type: none"> ◦ Try a different USB-C cable and power adapter. ◦ Check the USB-C port for debris and clean gently if necessary.

SPECIFICATIONS

Feature	Detail
Model	Blink300 B4
Connectivity Technology	2.4GHz Wireless
Connector Type	Lightning (MFi Certified)
Polar Pattern	Omnidirectional (Built-in microphone)
Number of Channels	2
Special Features	Clip, Mute Function, Noise Cancellation
Compatible Devices	iPhone, iPad (with Lightning port)
Power Source	Battery Powered (Transmitters), Device Powered (Receiver)
Transmitter Battery Life	Up to 6 hours
Signal-to-Noise Ratio	75 dB
Item Weight	0.21 Kilograms (Total package weight, approximate)
Item Dimensions (Transmitter)	Approximately 0.54 x 0.72 x 1.66 inches (1.37 x 1.83 x 4.22 cm)
Recommended Uses	Streaming, Vlogging, Live Streaming, Interviews, Content Creation

WARRANTY AND SUPPORT

Saramonic provides a **2-year warranty** for the Blink300 B4 Wireless Lavalier Microphone system. For technical support, warranty claims, or any product-related inquiries, please contact Saramonic customer service directly. Refer to the official Saramonic website or your purchase documentation for the most current contact information.

Please retain your proof of purchase for warranty validation.