Saramonic Blink500 ProX TXQ Wireless Microphone System User Manual

**Microphone
2.4GHz
Blink500 ProX RX
Blink500 ProX RXQ
Blink500 Pro 4RX
Blink500 ProX RXDi
Blink500 ProX RXUC
User Manual**

Contents

General Introduction

The Saramonic Blink500 ProX is an incredibly lightweight, ultracompact, and easy-to-use wireless microphone system for up to 2 people. The microphone delivers exceptional, broadcast-quality sound to smartphones, tablets, computers, DSLRs, camcorders, recorders, and other audio/video recording devices. It features automatic pairing, low latency and up to 100 meters of operating range. Blink500 ProX is ideal for instrument recording, live streaming, vlogging, mobile journalism, and more.

The Blink500 ProX TX clip-on transmitter has a great-sounding built-in omnidirectional microphone and it is small and light enough to clip to shirts and clothing, or you can use it as a traditional belt pack transmitter with the included lavalier microphone. The Blink500 ProX RX also features a much-desired selectable Mono/ Stereo output
setting when using a second transmitter, giving you the ability to record each mic to separate channels of the camera's and recorder's stereo audio inputs.

The transmitter and receiver deliver a remarkable 10 hours of run time on a single charge. The supplied charging case allows you to charge the transmitter and receiver anywhere and can be recharged or powered via the USB-C DC 5V port.

No technical knowledge of audio is required to operate, with no complicated menus or settings. The Blink500 ProX system operates on the 2.4GHz spectrum and automatically hops to free channels to avoid static noise and audio dropouts.

Available Kits

| Model	In the box
BlinkS00 ProX B1	1 xBlinkS00 ProX TX 1Blink500 ProX RX 1Blink500 ProX B1 BOX
BlinkS00 ProX B2	1 xBlinkS00 ProX TX 1Blink500 ProX RX 1 xBlinkS00 ProX B2BOX

Statement

Please read this manual carefully before using and strictly operate and store it in accordance with the instructions. Please save the manual for your future reference. If you need further assistance than the user manual, please consult your retailer for help or email us: **info@saramonic.com**

1. The disintegration of this device by non-professionals is strictly prohibited.

2. Please keep it away from heat sources such as heaters or ovens.

3. Do not remove the battery without professionals' help.

4. Please clean the device with only a soft, dry cloth.

5. When using and storing, please pay attention to dust and moisture.

6. For the best pick-up pattern, do not hold your hand against the microphone capsule cover.

Product Structure

Blink5OO ProX TX:
Body-Pack Transmitter with OLEO Display and Microphone
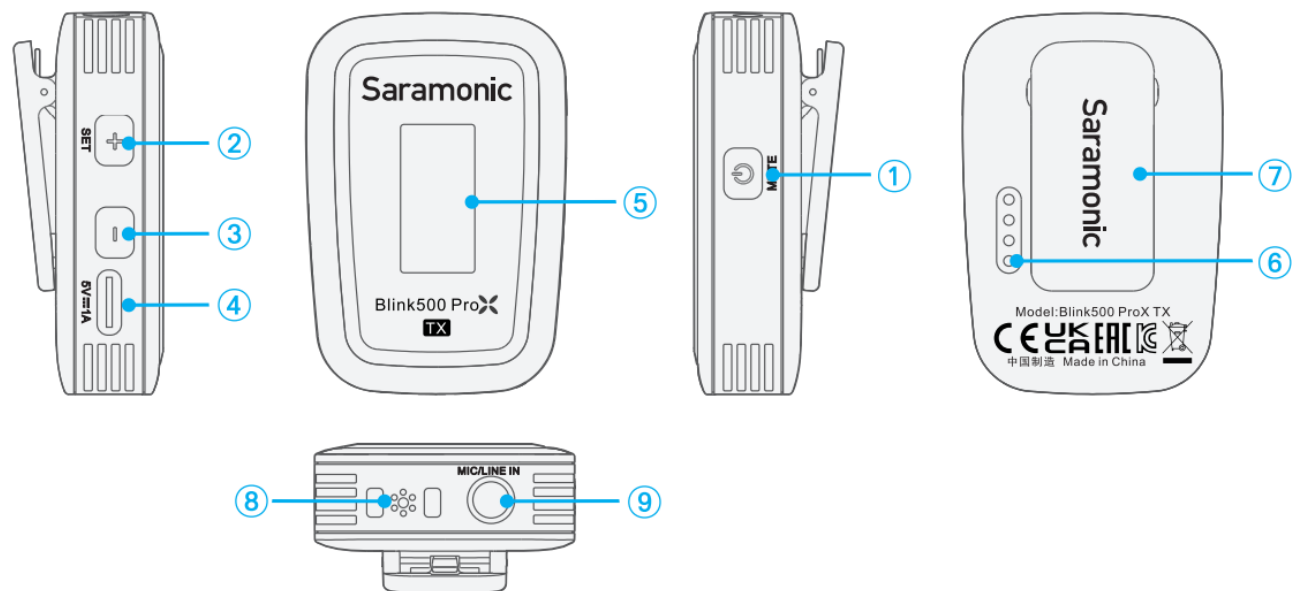
1. Power/Mute button

Function	Operation
Power ON/ OFF	Long press for 2 seconds
Mute ON/ OFF	Short press

2. +/SET Button

Function	Operation
+	On the home screen, short press to increase mic gain. On the menu screen, short press to select different functions or values shown on the display.
SET	On the home screen, long press to enter the menu screen. On the menu screen, long press to enter the displayed menu. Then, long press again to confirm your option.

3. -Button

Function	Operation
–	On the home screen, short press to decrease mic gain. On the menu screen, short press to select different functions or values shown on the display.
BACK	On the menu screen, long press to return to the home screen.

4. USB-C Charging Port (DC SV)
5. OLED Display

   Display menus, please refer to "OLED Display Operation Guide" (- P9) for more details.
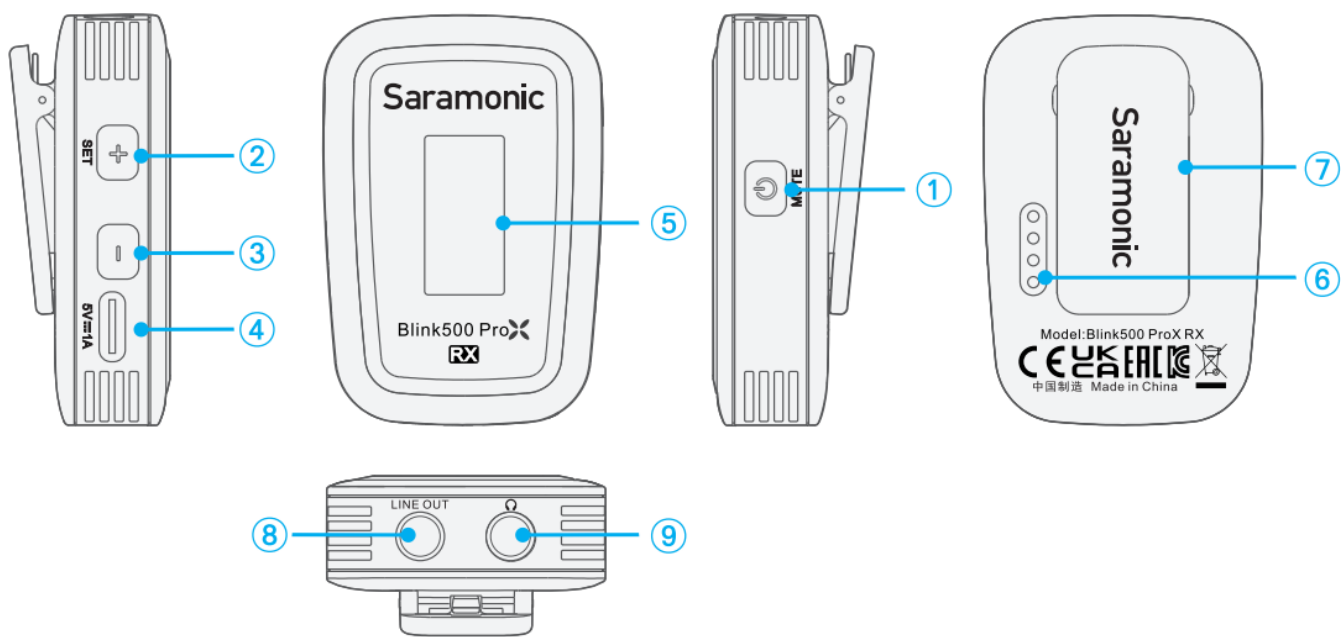
6. Charging Contacts
7. Belt Clip
8. Built-in Microphone
9. MIC/LINE IN Jack

   It can be connected to the 3.5mm lavalier microphones, and other 3.5mm microphones or line-in devices.

Blink5OO ProX RX:
Clip-On and Shoe-Mountable Receiver

1. Power/Mute button

Function	Operation
Power ON/ OFF	Long press for 2 seconds
Mute ON/ OFF	Short press

2. +/SET Button

Function	Operation
+	On the home screen, short press to increase volume. On the menu screen, short press to select different functions or values shown on the display.
SET	On the home screen, long press to enter the menu screen. On the menu screen, long press to enter the displayed menu. Then, long press again to confirm your option.

3. -Button

Function	Operation
–	On the home screen, short press to decrease volume. On the menu screen, short press to select different functions or values shown on the display
BACK	On the menu screen, long press to return to the home screen.

4. USB-C Charging Port (DC 5V)
5. OLED Display

   Please refer to "OLED Display Operation Guide" (–P9) for more details.
6. Charging Contacts
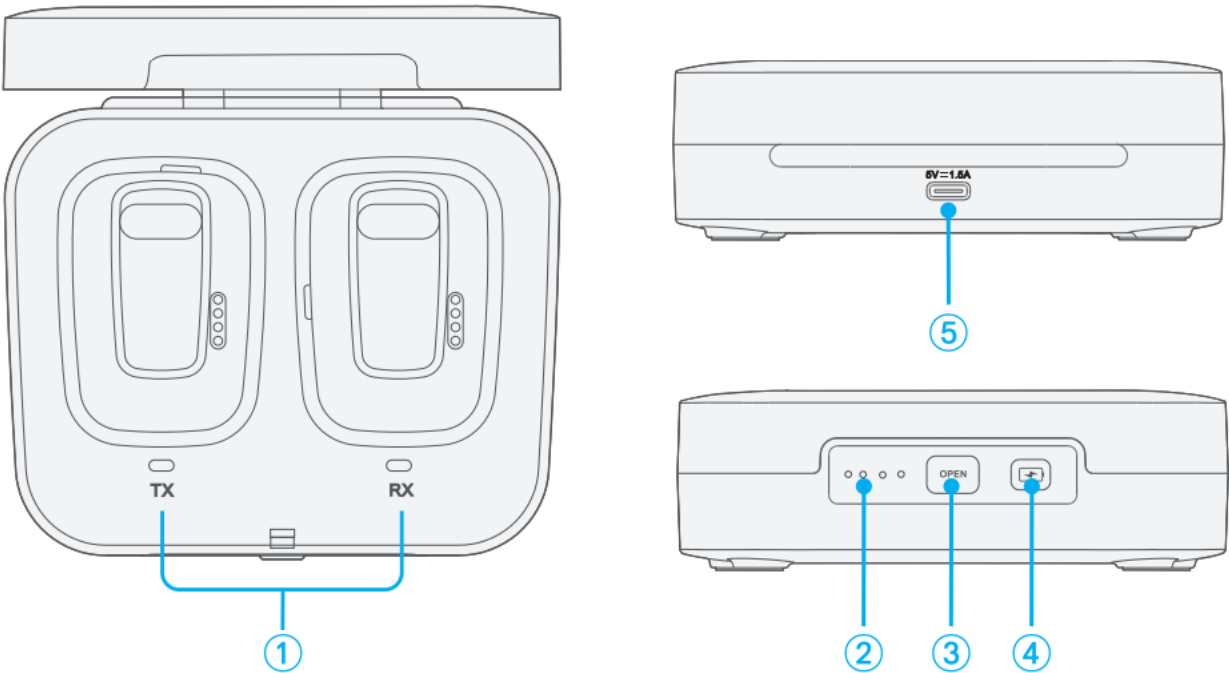7. Belt Clip
8. LINE OUT Jack

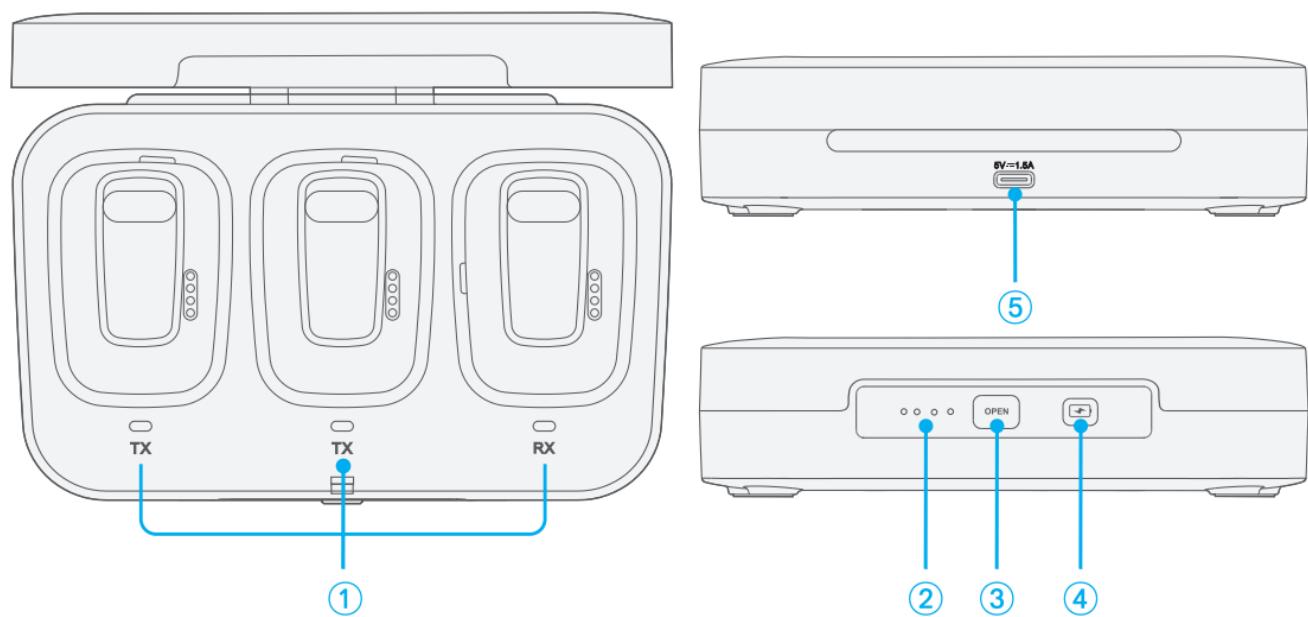   Connect the BlinkS00 ProX RX to a DLSR camera, mixer, or amplifier with the supplied output cable.
9. 3.5mm Headphones Output

   Connect a headphone to monitor the audio output.

Blink500 ProX B1 BOX:

Blink500 ProX B2BOX:

1. TX & RX Charging Indicator

   Charging = Static red (TX's/RX's battery level indicator flashes in cycle.)

   Fully charged = Light off (TX's/RX's battery level indicator is static and full.)

2. Power Capacity Indicator

Indicator	Status
○→●→●→●	Charging (Blinks blue light in cycle)
●●●●	Full charged
●●●○	Current battery level (75%)
●●○○	Low battery (25%)
○○○○	The battery runs out/ Case closed
○○○○ / ●○○●	Charging TX/RX (Blinks blue light for 1 minute)

3. OPEN Button

4. Case Battery Detection Button

   Short press the button, then the power capacity indicator of the charging case lights up, showing the current remaining battery.

   Note: Short press the detection button as case closed, and its power capacity indicator will light on for 3 seconds then off.
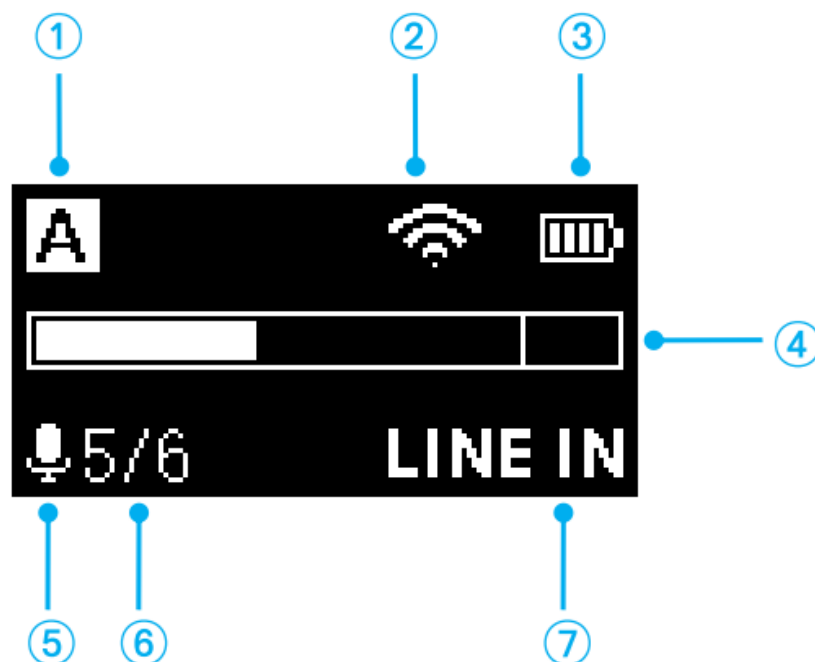
5. USB-C Charging Port (DC 5V)

   Note: The transmitter/receiver will automatically turn on after opening the charging case and turn off after being

placed in the case for 5 seconds or closing the case for 1 minute.

OLED Display Operation Guide

OLED Display Introduction (Transmitter)

Home Screen
If no operation is performed within 20 seconds on menu screens, the display will automatically return to home screen.

1. Channel Group Icon

   A.B The channel A/B is disconnected.

   A.B The channel A/B is paired successfully.

   ? Channel is unknown. (usually occurs when the transmitter restores default settings)

2. RF Level Indicator

   Indicates the current signal level.

   The signal is strong (Paired successfully)

   The signal is weak (Paired successfully)

   No signal (Disconnected)

3. TX's Battery Level Indicator

   Displays the TX battery level.

   Please recharge the device immediately when the blank indicator starts flashing.

4. Audio Input Level Meter

   Displays the audio input level.

5. Mute Indicator of Mic

   Mute ON   Mute OFF

6. Mic Gain

   On the home screen, press the +/- button to adjust the volume of the microphone.

The setting is retained even after the power is turned off.

7. TX's Input Mode

Displays the what input mode of the TX transmitter is currently set to, either MIC IN or LINE IN.

Menus Introduction

Mic Gain: Adjust the microphone's input gain level from 0to6. Defa ult is "5

Input Mode The input mode can be selected to Mic In or Line I. When the input mode is Mic In mode_the transmitter can be connected to the included lavalier microphone or other microphones with a5mm output. When the input mode is Line in mode,the receiver can be connected to line-level output devices. The system's default is "Mic In".

Set Mute Key: Enable or Disable mute key button function Default is Enable"

Set Backlight. Set backlight to Always On or On fr 10, 30, or 60 seconds. Default is "On"

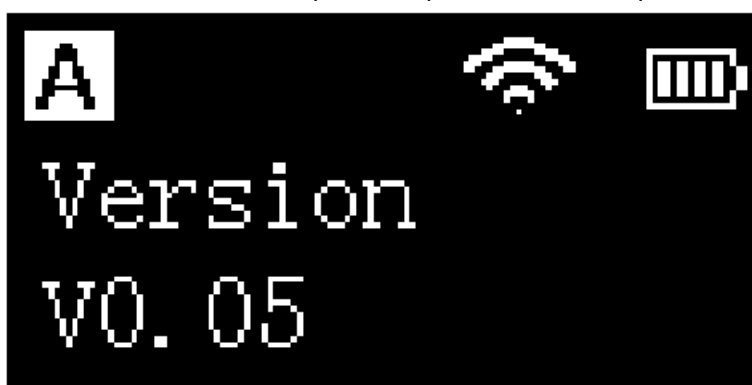**Language Setting:** English(Chinese) are available Default is English
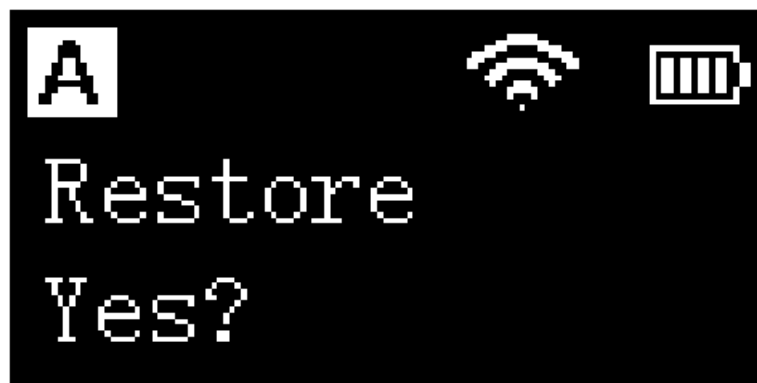
Restore Default Setting
Yes: restores default settings
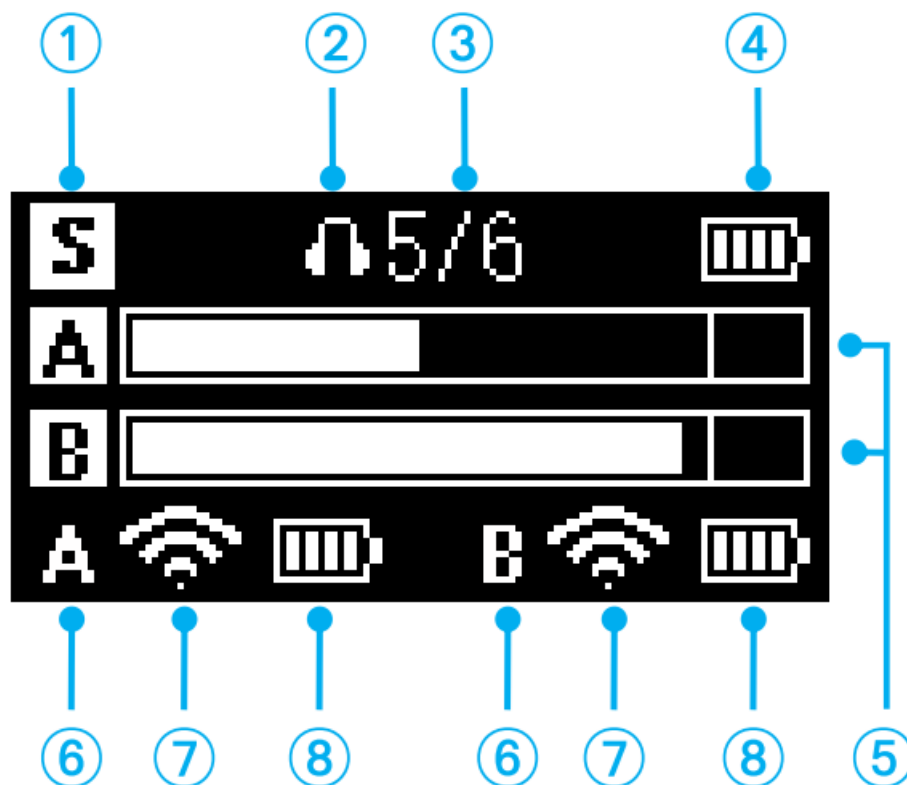No: exits restore default settings

Pair Setting: Pait with the receiver For details of operation, please refer to "Operation Guide" (P13)

Version of the Blink500 Prok TX's firmware

OLED Display Introduction {Receiver)

Home Screen

If no operation is performed within 20 seconds on menu screens, the display will automatically return to the home screen.

1. RX's Output Mode

   M Mono **S** Stereo

2. Mute Indicator of Headphone /Output

   Mute OFF Mute ON

3. RX's Headphone/Output Volume

   On the home screen, press+/ button to adjust the headphone/ output volume. The setting is retained even after the power is turned off.

4. RX's Battery Level Indicator

   Displays the RX battery level.

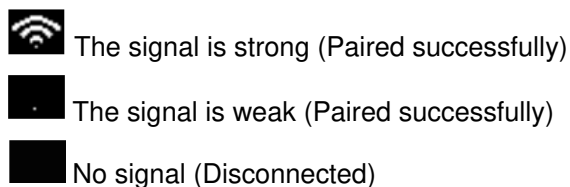   Please recharge the device immediately when the blank indicator starts flashing.

5. Audio Input Level Meter

   Displays the audio input level.

6. Channel Group Icon

7. RF Level Indicator

   Indicates the current signal level.

    The signal is strong (Paired successfully)

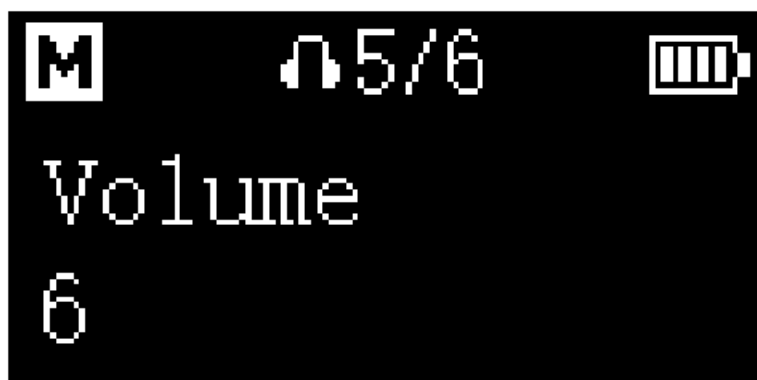   The signal is weak (Paired successfully)
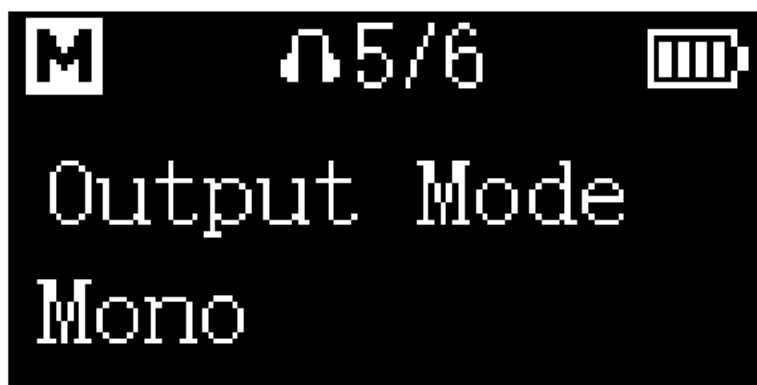
    No signal (Disconnected)

8. TX's Battery Level Indicator

   Displays the TX battery level.

Please recharge the device immediately when the blank indicator starts flashing.
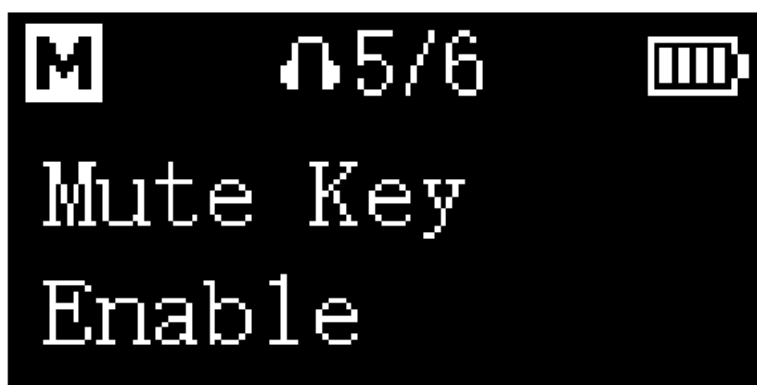
Menus Introduction

```
┌─────────────────────────────────┐
│ [M]        ∩5/6          ▐▋▋▋▋▌  │
│                                 │
│  Volume                         │
│  6                              │
│                                 │
└─────────────────────────────────┘
```

Headphone Output Volume: The headphone monitoring volume can be set from Oto 6.
Default is "5".

```
┌─────────────────────────────────┐
│ [M]        ∩5/6          ▐▋▋▋▋▌  │
│                                 │
│  Output Mode                    │
│  Mono                           │
│                                 │
└─────────────────────────────────┘
```
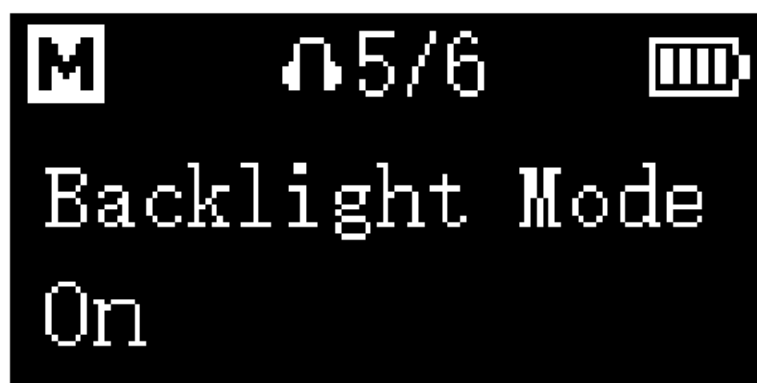
Output Mode: The output mode can be set to either mono or stereo ∨hen in mono mode, the audio from the transmitter or transmitters will be mixed to both the left and right sides.
When in stereo mode, the two transmitters' audio output will be separated to the left and right sides. The system default is mono.

```
┌─────────────────────────────────┐
│ [M]        ∩5/6          ▐▋▋▋▋▌  │
│                                 │
│  Mute Key                       │
│  Enable                         │
│                                 │
└─────────────────────────────────┘
```

Set Mute Key: Enable or Disable the mute key button function.
Default is Enable".

```
┌─────────────────────────────────┐
│ [M]        ∩5/6          ▐▋▋▋▋▌  │
│                                 │
│  Backlight Mode                 │
│  On                             │
│                                 │
└─────────────────────────────────┘
```

Set Backlight. Set backlight to Always On or On fr 10, 30, or 60 seconds.
Default is "On".
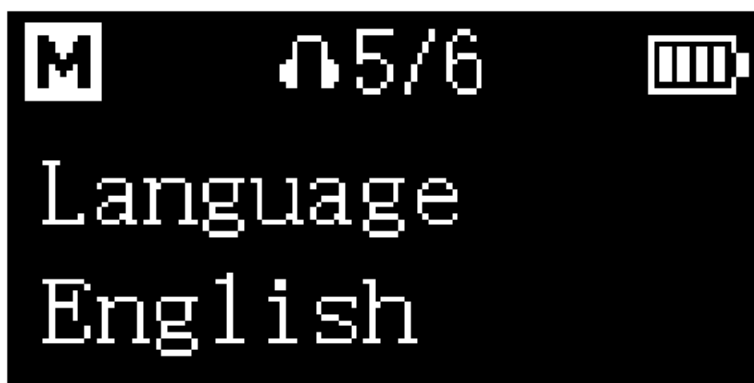
Language Setting: English (Chinese) are available.
The default is English.
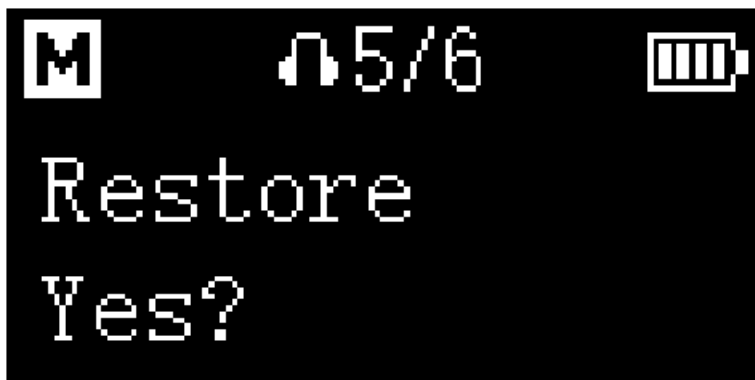
Restore Default Setting
Yes: restores default settings
No: exits restore default settings
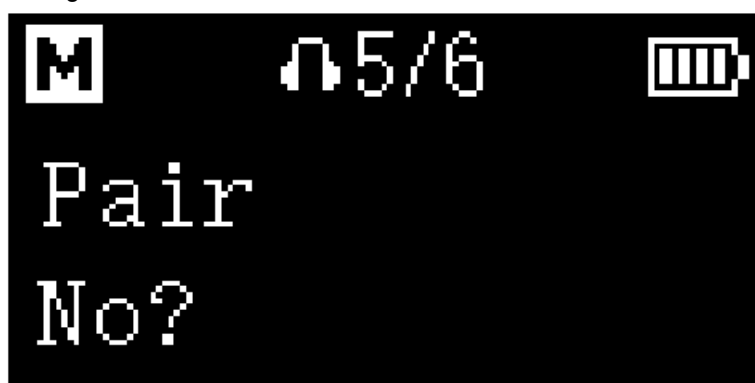
Pair Setting: Pait with the receiver For details of the operation, please refer to "Operation Guide"(P13)
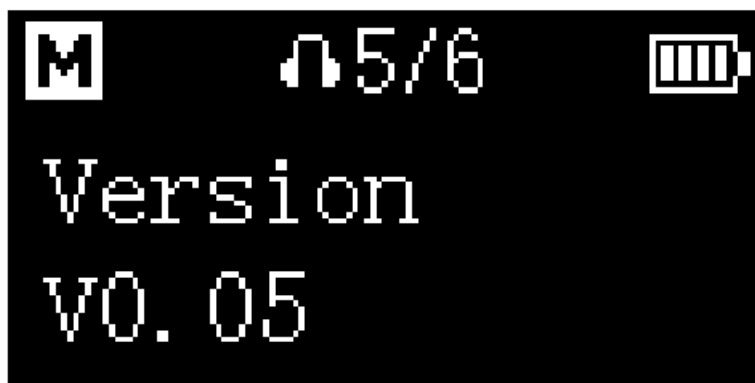
Version of the Blink500 ProX RX's firmware

Operation Guide

1. Long press the power button for 2 seconds to turn on the transmitter and the receiver.

2. Pairing

   Before leaving the factory, the system is pre-paired. Therefore, the connection will be established once they are powered on. If they are disconnected, please follow the below steps:
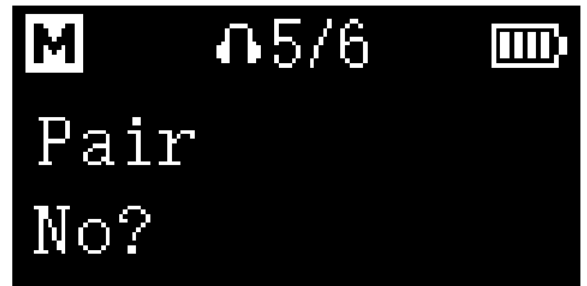
   1. Long press the SET button to enter the menu screen.
   2. Use the + or button to display the Pair setting menu on both transmitter and receiver.

TX   RX
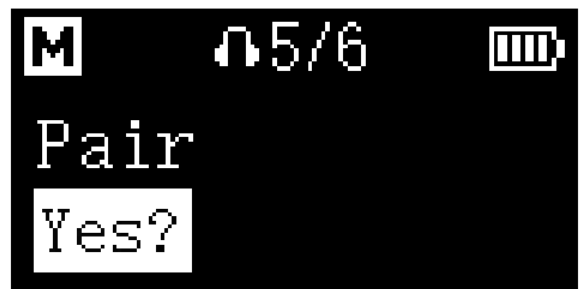
   3. Long press the SET button to select the menu.

TX   RX

   4. Select "Yes" and long press the SET button to confirm
   5. The transmitter and receiver will be successfully paired within 10 seconds

3. Connect the receiver to the mic input of a camera, recorder or mixer with the supplied 3.5mm TRS cable; or connect it to a smartphone, tablet, or computer with the other adapter cables (sold separately).
4. You are ready to record.

NOTE:

1. If a certain transmitter of BlinkS00 ProX B2 failed to pair, please turn off the paired transmitter, and then re-pair the unpaired transmitter and receiver.
2. Due to the 2.4GHz wireless frequency, signal can be easily attenuated.
   Please try to avoid obstacles, such as walls and buildings, and avoid close proximity to devices with 2.4GHz signal, such as high-power Wi-Fi antennas, radios, etc.

Packing Contents

BlinkSOO ProX B1
1 × Blink500 ProX TX Transmitter
1 × Blink500 ProX RX Receiver
1 × Blink500 ProX B1 BOX Charging Case
1 × Omnidirectional Lava lier Microphone (with Foam Windscreen and Mic Clip)
1 × FurWindshield for Built-in Microphone
1 × Type-C Charging Cable
1 × 3.5mm TRS to 3.5mm TRS Output Cable for Cameras

BlinkSOO ProX B2

2 × Blink500 ProX TX Transmitter
1 × Blink500 ProX RX Receiver
1 × Blink500 ProX B2BOX Charging Case
2 × Omnidirectional Lavalier Microphone (with Foam Windscreen and Mic Clip)
2 × Fur Windshield for Built-in Microphone
1 × 3.5mm TRS to 3.5mm TRS Output Cable for Cameras

Other Adapter Cable (Sold Separately)

3.5mm TRS Male Jack to Lightning
Audio Adapter Cable (SR-C2000)

3.5mm TRS Male Jack to Type-C Audio
Adapter Cable (SR-C2001)

3.5mm TRS Female Jack to Type-C Audio
Adapter Cable (SR-C2003)

3.5mm TRS Female Jack to Lightning Audio
Adapter Cable (SR-C2018)

Specifications

Blink500 ProX TX/ Blink500 ProX RX

Display	OLED
Transmission Type	2.4GHz Digital Frequency
Modulation	Digital Modulation
Polar Pattern	Omnidirectional
Antenna	Built-in FPC Antenna
Operating Range (Without Obstacles)	>328′(100m)
RF Output Power	<10mW
Distortion	<0.1%
Frequency Response	20Hz-20KHz
Reference Audio Input Level	TX: -20–42dBu (MIC Input, 0dB Gain)
Signal-to-Noise Ratio	>84dB
Audio Input Connector	TX: 3.5mm MIC IN/LINE IN
Audio Output Connector	RX: 3.5mm Headphone Jack (Compatible with TRS/TRRS) 3.5mm TRS Output Jack
Battery Specifications	3.7V/400mAh
Power Requirements	Built-in Li-ion Battery or Charging Contact or 0SB-C DC 5V
Built-in Battery Life	TX/RX: Approx. 10 hours
Weight	TX: Approx. 1.0402z(29.5g) RX: Approx. 1.080z(30.5g)
Dimensions	TX/RX: 2.20×1.49×0.61″ (563815.5mm)
Operating Temperature	0°C to 50°C
Storage Temperature	-10C to 50°C

Blink500 ProX B1 BOX/ Blink500 ProX B2BOX

Power Requirements	USB-C Port
Power Capacity	B1 BOX: 2000mAh B2BOX: 3000mAh
Box's Charging Time	B1BOX: < 3 hours B2BOX: < 3 hours
Charge Cycle Times for TX&RX	B1BOX: 3times B2BOX: 2 times
Weight	B1 BOX: 6.98oz(198g) B2BOX: 9.31 oz(264g)
Dimensions	B18OX: 4.84×3.911.51″ (123×99.5×38.5mm) B2BOX: 6.49×3.91 x 1.51″ (165×99.5×38.5mm)
Operating Temperature	0°Cto 50°C
Storage Temperature	-10C to 50°C

FCC Warning

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.

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

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 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.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

IC Caution:
Radio Standards Specification RSS-Gen, issue 5
This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:
This device may not cause interference.
This device must accept any interference, including interference that may cause undesired operation of the device.

RF exposure statement:
The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

For a better recording experience, the application SmartRecorder is recommended.

http://www.jiayz.com/AppDownloadQR/SmartRecorderQRPhone.html

Scan the QR code and follow us!

http://weixin.qq.com/r/ikk1LQXEeIgFrUFO9xyY

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Read more: https://manuals.plus/saramonic/blink500-prox-tx-2-4ghz-wireless-microphone-system-manual#ixzz7Z6FbFAn4

Documents / Resources

	[Saramonic Blink500 ProX TXQ Wireless Microphone System](#) [pdf] User Manual 120403TX, 2ARN3-120403TX, 2ARN3120403TX, Blink500 ProXTX, Blink500 ProX TXQ, Blink 500 Pro TXS, Wireless Microphone System, Blink500 ProX TXQ Wireless Microphone System