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BOYA BOYA MINI-23

BOYA mini Wireless Lavalier Microphone User Manual

Model: BOYA MINI-23

Brand: BOYA

INTRODUCTION

The BOYA mini wireless microphone system offers a compact, portable, and high-quality audio solution for content creators. Weighing just 5 grams per transmitter, it provides studio-grade sound with advanced noise cancellation and real-time voice customization, making it ideal for various recording scenarios.



Image: The BOYA mini wireless microphone system, featuring two compact transmitters and a USB-C receiver.

WHAT'S IN THE Box

- 2 x Transmitters (TX)
- 1 x USB-C Receiver (RX)

- 2 x Magnetic Charging Cables
- 1 x Carrying Pouch

The World's Tiniest Microphone

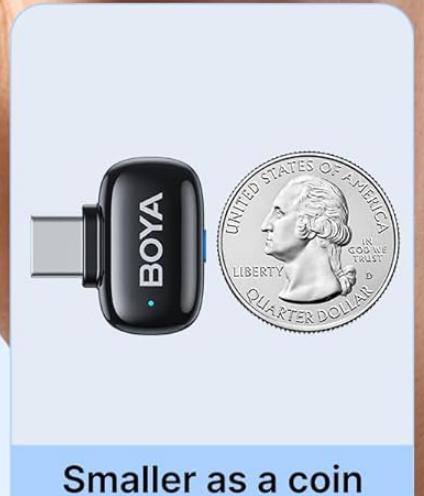
5g weight



Zero-sense wear



Lighter than a coin



Smaller as a coin

Image: All components included in the BOYA mini wireless microphone package.

SETUP

Automatic Pairing (Plug-and-Play)

The BOYA mini system is designed for ease of use with automatic pairing. Transmitters power on automatically when taken out and auto-pair with the receiver. Simply plug the receiver into your device, and the indicator lights will turn static blue when paired successfully.

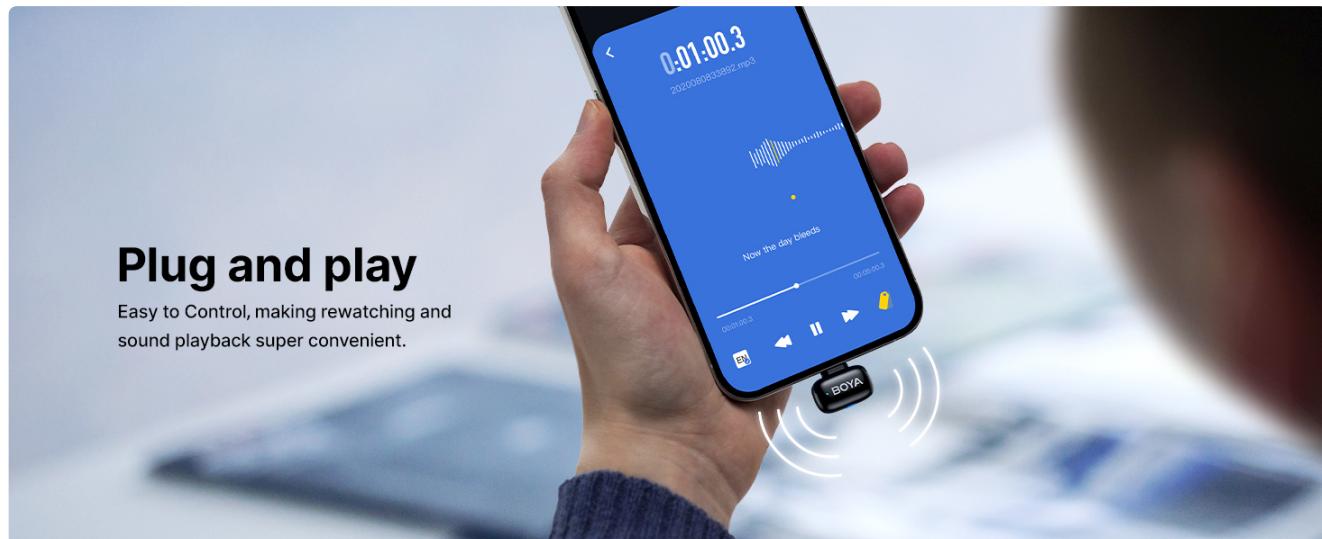


Image: A hand plugging the BOYA mini receiver into a smartphone, demonstrating the plug-and-play functionality.

Manual Pairing (If Unpaired)

1. Insert the receiver into your device.
2. Press and hold the receiver's NR button for 5 seconds to enter pairing mode, accompanied by a flashing blue light.
3. Turn off the transmitter. Press and hold its power button for 5 seconds. The transmitter will flash blue lights to indicate its pairing mode.
4. Once paired, indicator lights on both the transmitter and receiver will turn static blue.

Your browser does not support the video tag.

Video: An official BOYA operation video demonstrating the setup and pairing process for the BOYA mini wireless microphone.

Compatibility

The USB-C receiver is designed for iPhone 15 or newer, Android smartphones, tablets, and computers. It is compatible with DJI Action 3/4/5 and DJI Pocket 3 cameras.

Note: Not supported for Insta360, GoPro, Akaso cameras, or OnePlus devices. This device does not support Bluetooth connectivity.

3-Level Noise Cancellation

You can easily adjust to fit any setting, perfect for keeping your audio crisp and clear, wherever you are.



Single-click the **NR** button on the receiver to cycle through 3 modes.



Image: Visual representation of devices compatible with the BOYA mini USB-C receiver, including smartphones, tablets, and specific action cameras.

OPERATING INSTRUCTIONS

Noise Cancellation

The BOYA mini features 3-level adjustable AI noise cancellation. Press the transmitter's power button once to activate noise cancellation (accompanied by green indicator lights). The strongest noise cancellation is activated by default.

To change the noise cancellation level, press the receiver's NR button:

- Green Light flashes once - Weak
- Green Light flashes twice - Medium
- Green Light flashes 3 times - Strong

Receiver only 0.86in, No impact on usage

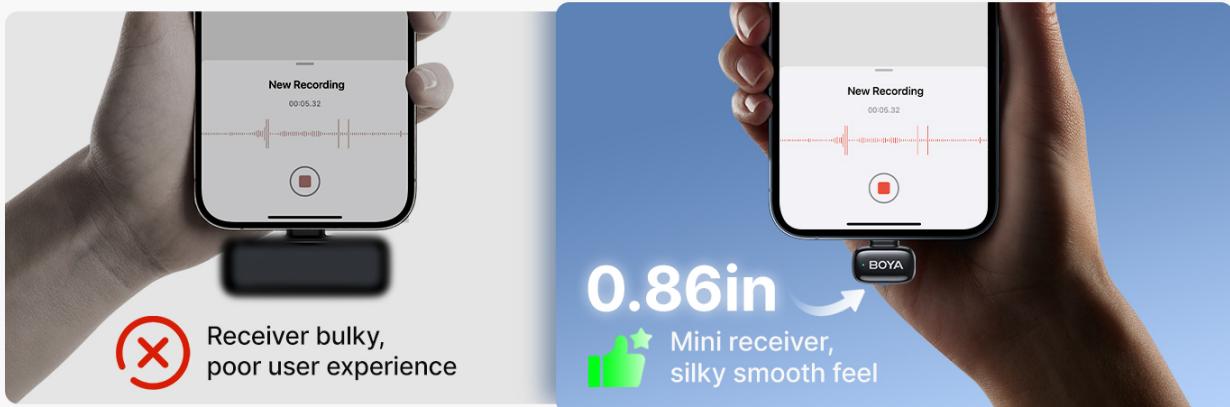


Image: Illustration of the 3-level AI noise cancellation feature, showing effectiveness in different environments.

Voice Customization (Voice Changer)

Enable voice changer by pressing the receiver's NR button twice:

- Blue Light flashes once - Deeper Voice (Uncle Voice)
- Blue Light flashes twice - Sweeter Voice (Female Voice)
- Blue Light flashes 3 times - Original Voice

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Video: An official BOYA operation video demonstrating the voice changer function of the BOYA mini wireless microphone.

Wireless Range and Battery Life

Experience stable wireless transmission over 328ft (100m) without cutting out or audio breaks, even at maximum range. The built-in rechargeable battery delivers 6 hours of continuous use per charge. With two transmitters, you can alternate seamlessly for up to 12 hours of total runtime.

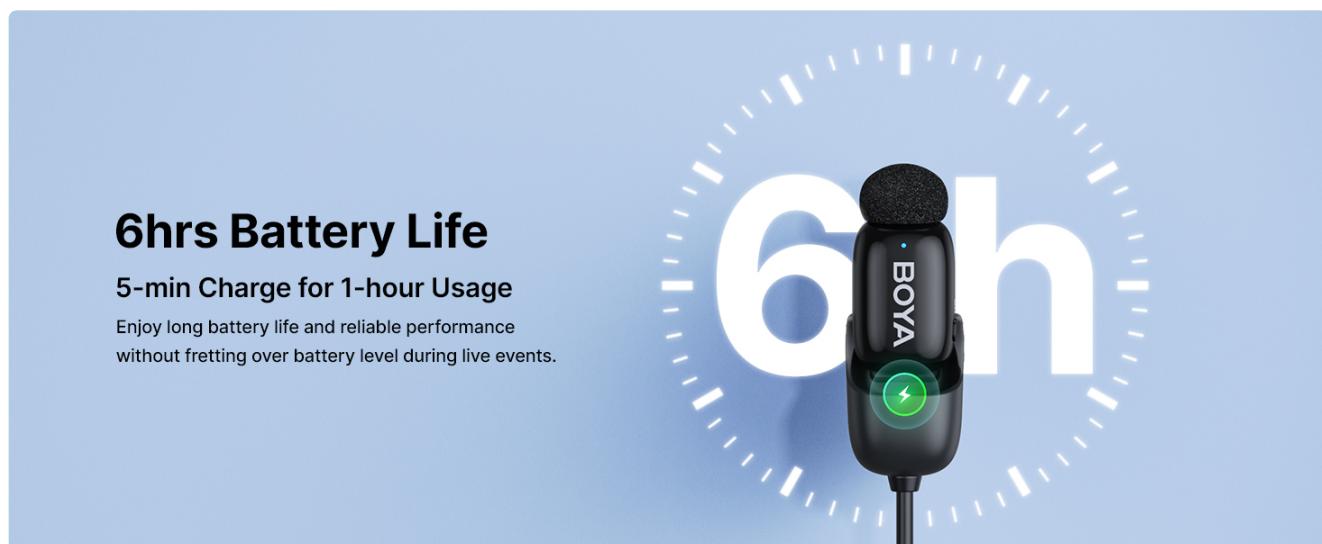


Image: Visual showing the 6-hour battery life of a single BOYA mini transmitter.

MAINTENANCE

To ensure the longevity and optimal performance of your BOYA mini wireless microphone system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the transmitters and receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the microphone system in the provided carrying pouch when not in use to protect it from dust, moisture, and physical damage.
- **Battery Care:** Fully charge the devices before extended storage. Avoid completely draining the battery frequently to prolong its lifespan.
- **Environmental Conditions:** Avoid exposing the devices to extreme temperatures, direct sunlight, or high humidity.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not pairing	Not in pairing mode; interference; low battery.	Ensure both TX and RX are in pairing mode (flashing blue light). Move away from other wireless devices. Charge devices fully.
Poor sound quality/static	Interference; distance from receiver; noise cancellation setting.	Reduce distance between TX and RX. Adjust noise cancellation level. Avoid strong electromagnetic fields.
No sound output	Incorrect connection; device volume too low; app settings.	Ensure receiver is fully inserted into the device. Check device volume and recording app settings.
Short battery life	Frequent use of high noise cancellation; aging battery.	Reduce noise cancellation level if not needed. Ensure full charge before use.

SPECIFICATIONS

Feature	Detail
Microphone Form Factor	Lavalier
Connectivity Technology	Wireless
Connector Type	USB Type-C
Polar Pattern	Omnidirectional
Frequency Range	20Hz-20kHz
Signal-to-Noise Ratio	80 dB
Item Weight	2.39 ounces
Dimensions (L x W x H)	1.18 x 2.36 x 3.94 inches
Battery Life	6 hours (per transmitter)
Wireless Transmission Distance	Up to 328ft (100m)

WARRANTY AND SUPPORT

BOYA products typically come with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official BOYA website for detailed warranty information and terms.

For technical support, troubleshooting assistance, or any product-related inquiries, please contact BOYA customer service through their official channels. You can find contact information on the BOYA website or in your product documentation.

Visit the official BOYA Store: [BOYA Store on Amazon](#)

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