

BOYA BY-V1

BOYA BY-V1 Wireless Microphone System for iPhone/iPad User Manual

Model: BY-V1

INTRODUCTION

The BOYA BY-V1 is a compact and lightweight wireless lavalier microphone system designed for use with iPhone and iPad devices featuring a Lightning port. This system provides high-quality audio recording for various applications, including vlogging, interviews, live streaming, and video production. It offers a stable wireless transmission range, effective noise reduction, and a user-friendly plug-and-play operation.

WHAT'S IN THE BOX

- BY-V1 Transmitter x1
- BY-V1-RXD Receiver x1
- Foam Windscreen x1
- USB-A to USB-C Charging Cable x1
- Carrying Bag x1

One Click Noise Cancelling

Effortlessly remove unwanted noise instantly, ensuring efficiency and simplicity

Before noise reduction

After noise reduction



Image: All components included in the BOYA BY-V1 Wireless Microphone System package.

PRODUCT FEATURES

- **Miniature and Lightweight Design:** The BY-V1 transmitter weighs only 10.5g, ensuring portability and comfort during use.
- **One-Click Noise Cancellation:** Integrated noise reduction technology allows for clear audio capture in noisy environments. Activate by pressing the NR button.
- **Extended Transmission Range:** Offers a stable audio signal transmission range of up to 328 feet (100 meters) in open environments.
- **Plug and Play Operation:** Automatic pairing upon connection to your device, requiring no adapters, apps, or Bluetooth setup.
- **Long Battery Life:** Up to 9 hours of battery life for the transmitter. The receiver features a USB-C charging port to power your phone during recording.
- **Omnidirectional Sound Pickup:** The built-in microphone captures audio from all directions, providing comprehensive sound recording.
- **Wide Compatibility:** Compatible with iPhone 6/7/8/11/12/13/14 Series, iPads, and Macbooks with a Lightning port (excluding iPhone 15/16 series).

SETUP INSTRUCTIONS

1. **Charge the Transmitter:** Ensure the BY-V1 Transmitter is fully charged using the provided USB-A to USB-C charging cable. The charging case can also charge the devices.
2. **Connect the Receiver:** Plug the BY-V1-RXD Receiver into the Lightning port of your iPhone, iPad, or Macbook.
3. **Automatic Pairing:** The transmitter and receiver will automatically pair upon connection. A blue indicator light on the receiver will confirm a successful connection.
4. **Attach the Transmitter:** Clip the transmitter to your clothing, such as a shirt collar or lapel. The 360° rotatable clip allows for flexible positioning.
5. **Optional Windscreen:** For outdoor use or in windy conditions, attach the foam windscreen to the transmitter to reduce wind noise.



Image: The BOYA BY-V1 transmitter and receiver units, ready for connection.

OPERATING INSTRUCTIONS

- **Recording:** Once connected, open your device's camera or recording application and begin recording. The microphone will automatically capture audio.
- **Noise Cancellation:** To activate noise reduction, press the "NR" button on the transmitter. This feature helps to minimize ambient noise for clearer recordings.
- **Charging During Use:** The receiver is equipped with a USB-C charging port. You can connect a USB-C cable to this port to charge your iPhone or iPad simultaneously while recording, ensuring uninterrupted sessions.
- **Audio Playback:** After recording, you can play back audio directly through your smartphone's speakers without needing to unplug the receiver.

One Click Noise Cancellation

Enhance Clarity and Cleanliness of Your Voice



Image: Close-up of the BOYA BY-V1 transmitter showing the noise reduction (NR) button.

2.4GHz Dual Channel Wireless Transmission Technology

Measured in an open environment without obstacles or interference



Image: The BOYA BY-V1 receiver plugged into an iPhone, demonstrating the pass-through charging feature.

MAINTENANCE

- Keep the microphone system clean and dry.
- Avoid exposing the devices to extreme temperatures or humidity.
- Store the system in the provided carrying bag when not in use to protect it from dust and damage.
- Regularly check the charging cable for any signs of wear or damage.

TROUBLESHOOTING

- **No Sound/Poor Audio Quality:**
 - Ensure the transmitter and receiver are properly connected and paired (blue indicator light on).
 - Check that the transmitter is adequately charged.
 - Verify that the microphone is positioned correctly and not obstructed.
 - If recording outdoors, ensure the foam windscreen is attached to minimize wind noise.

- **Device Not Charging (via receiver):**
 - Confirm the USB-C charging cable is securely connected to both the receiver and a power source.
 - Ensure the power source is functional.
- **Interference/Dropped Connection:**
 - Reduce the distance between the transmitter and receiver.
 - Avoid environments with strong electromagnetic interference.
 - Ensure there are no major physical obstructions between the units.

SPECIFICATIONS

Feature	Detail
Brand	BOYA
Model Name	BY-V1
Microphone Form Factor	Lavalier
Connectivity Technology	Wireless 2.4GHz
Connector Type	Lightning
Transmission Range	Up to 328 feet (100 meters)
Battery Life (Transmitter)	Up to 9 hours
Charging Time	Approx. 2 hours
Battery Capacity	95 mAh
Noise Reduction	One-Click Noise Cancellation
Polar Pattern	Omnidirectional
Signal-to-Noise Ratio	84.98 dB
Frequency Response	20 KHz
Item Weight	1.76 ounces (50 Grams)
Product Dimensions	1.97 x 1.57 x 3.94 inches
Material	Plastic, Specialized
Compatible Devices	iPhone 6-14 series, iPad with Lightning interface, Macbook with Lightning interface

OFFICIAL PRODUCT VIDEOS

BOYA Wireless Mic Sound Test - Clear Even Outdoors

Your browser does not support the video tag.

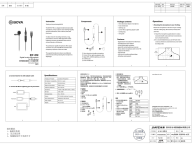

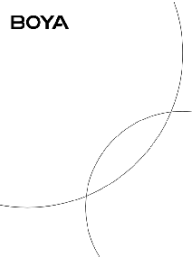
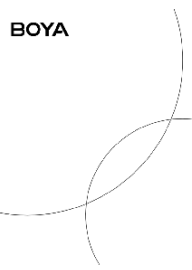
Video: A demonstration of the BOYA Wireless Mic's sound quality in an outdoor setting, highlighting its clarity even with ambient noise.



WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official BOYA website or contact their customer service directly. Keep your purchase receipt for warranty claims.

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Related Documents - BY-V1

	<p>BOYA BY-M2 Digital Lavalier Microphone for iOS Devices - User Manual</p> <p>Comprehensive user manual for the BOYA BY-M2, a digital omnidirectional lavalier microphone designed for iOS devices. Covers features, package contents, specifications, and setup instructions for iPhone, iPad, and iPod touch.</p>
	<p>BOYA BY-V Wireless Microphone System Q&A</p> <p>Comprehensive Q&A guide for the BOYA BY-V wireless microphone system, covering setup, connectivity, audio issues, and usage tips for various mobile devices.</p>
	<p>BOYA mini Wireless Ultra-Mini Microphone User Manual</p> <p>Comprehensive user manual for the BOYA mini wireless ultra-mini microphone system, covering setup, features, operation, troubleshooting, and specifications for various models including BOYA mini-12 through BOYA mini-23.</p>
	<p>BOYA mini 2.4 GHz Ultra-Mini Wireless Microphone System User Manual</p> <p>User manual for the BOYA mini 2.4 GHz Ultra-Mini Wireless Microphone System, detailing its features, operation, and specifications for various models including BOYA mini-12 through BOYA mini-23.</p>

 The image shows the front cover of the BOYA Magic AI-Powered Wireless Microphone System User Manual. It features the BOYA logo at the top left. Below it, the text '真のAI搭載多形ワイヤレスマイク' (True AI-equipped multi-shaped wireless microphone) and 'BOYA Magic' are written in Japanese. At the bottom left, there is a small graphic of the microphone system and the text 'ユーザーマニュアル' (User Manual).	<p>BOYA Magic AI-Powered Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the BOYA Magic AI-powered wireless microphone system, detailing features, components, operation, and troubleshooting for content creators and professionals.</p>
 The image shows the front cover of the BOYA Magic Wireless Microphone System: User Guide & Overview. It features the BOYA logo at the top left. Below it, the text 'Беспроводной микрофон с настольным AI-микрофоном' (Wireless microphone with desktop AI microphone) and 'BOYA Magic' are written in Russian. At the bottom left, there is a small graphic of the microphone system and the text 'Руководство пользователя' (User Guide).	<p>BOYA Magic Wireless Microphone System: User Guide & Overview</p> <p>Explore the BOYA Magic, a versatile 2.4GHz wireless microphone system designed for clear audio capture. This guide covers its transmitters, receivers (USB-C, Lightning, 3.5mm TRS), charging case, advanced features like AI noise reduction, and various kit configurations for content creators, vloggers, and podcasters.</p>