

BOYA BY-V30(USB-C)

BOYA BY-V30 Wireless Lavalier Microphone User Manual

Model: BY-V30(USB-C)

INTRODUCTION

The BOYA BY-V30 is a compact and lightweight wireless lavalier microphone system designed for smartphones, tablets, and laptops with USB-C ports. It offers crystal-clear audio capture with noise reduction capabilities, extended battery life, and a stable transmission range, making it ideal for content creation, interviews, live streaming, and video calls.

PACKAGE CONTENTS

Before you begin, please verify that all items are included in your package:

- BY-V30 RXU Receiver (x1)
- BY-V30 TX Transmitter (x2)
- USB-C Charging Cable (x1)
- Foam Windscreens (x2)
- Carrying Bag (x1)



Image: The BOYA BY-V30 package contents, including two transmitters, one receiver, a charging case, a USB-C charging cable, two foam windscreens, and a carrying bag.

PRODUCT OVERVIEW



Image: The BOYA BY-V30 wireless microphone system, showing two transmitters and one receiver in their charging case.



Image: Visual representation of key features: 360° rotatable clip, ultra-compact (10.5g), battery life indicator, USB-C receiver, and external playback support.

SETUP

1. **Charge the Transmitters:** Ensure the transmitters (TX) are fully charged using the provided charging case. The charging case itself can be charged via the USB-C cable.
2. **Enable OTG Function (Android only):** For Android smartphones, navigate to your device's settings and enable the "OTG" (On-The-Go) function before connecting the receiver. This allows the phone to recognize external USB devices.
3. **Connect the Receiver:** Unlock your smartphone, tablet, or laptop. Plug the BY-V30 RXU Receiver directly into your device's USB-C port.
4. **Power On Transmitters:** Press and hold the power button on each transmitter for 2 seconds to turn them on.
5. **Automatic Pairing:** The transmitters and receiver will automatically pair within 10 seconds. A solid blue light on the transmitter indicates successful pairing.

6. **Attach Microphones:** Clip the transmitters onto your clothing, ensuring the microphone is positioned to capture your voice clearly. You may attach the foam windscreens for outdoor use to reduce wind noise.



Image: Step-by-step visual guide for plug-and-play setup, showing the receiver connecting to a smartphone and the pairing process.

OPERATING INSTRUCTIONS

Noise Cancellation

The BY-V30 features a one-click noise cancellation function for crystal-clear sound. To activate or deactivate noise reduction, simply press the "NR" button on the transmitter. A static green light indicates noise reduction is enabled. If the microphone is muted, the blue light will blink slowly.



Image: Diagram illustrating the noise reduction feature, showing the internal components and the NR button.

Recording

Once paired, the microphone system is ready for use with your device's recording applications, such as camera apps, voice recorders, or live streaming platforms. The omnidirectional polar pattern ensures sound is captured from all directions.

Charging While Using

The receiver allows you to charge your device while recording through its USB-C port. This is particularly useful for extended recording sessions, live streaming, or online courses, preventing battery drain on your connected device.



Image: A smartphone connected to the BY-V30 receiver, which is also connected to a charging cable, demonstrating the ability to charge while recording.

BATTERY LIFE AND CHARGING

The BOYA BY-V30 offers impressive battery performance:

- **Charging Time:** Approximately 2 hours for a full charge.
- **Continuous Recording:** Up to 9 hours on a single charge for the transmitters.
- **Total Usage Time:** The portable charging case provides an additional 36 hours of power, extending total usage time significantly.



Image: A visual representation of the 36-hour battery life, highlighting 2 hours charging time, 9 hours continuous recording, and 36 hours total usage time with the charging case.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone transmitters and receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the microphone system in its provided carrying bag when not in use to protect it from dust and physical damage.
- **Battery Care:** For optimal battery longevity, avoid fully discharging the devices frequently. Charge them regularly, even if not in constant use.
- **Windscreens:** Replace foam windscreens if they become worn or damaged to maintain effective wind noise reduction.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Microphone not connecting/pairing.	OTG function not enabled (Android). Transmitters not powered on. Out of range.	Enable OTG in device settings. Ensure transmitters are powered on. Move closer to the receiver (within 328ft/100m).
Poor audio quality/noise.	Noise reduction off. Worn windscreen. Environmental interference.	Activate noise reduction (NR button). Replace windscreen. Move to a quieter environment or use noise reduction.
Short battery life.	Insufficient charging. Old battery.	Ensure full charge (2 hours). Contact support if battery life significantly degrades.

SPECIFICATIONS

- **Microphone Form Factor:** Lavalier
- **Item Weight:** 10.5g (Transmitter)
- **Power Source:** Battery Powered
- **Signal-to-Noise Ratio:** 80 dB
- **Hardware Platform:** Laptop, Smartphone
- **Number of Channels:** 2
- **Connectivity Technology:** USB
- **Connector Type:** USB Type-C
- **Polar Pattern:** Omnidirectional
- **Audio Sensitivity:** 42 dB
- **Transmission Range:** Up to 328 feet (100m) in open environment

WARRANTY AND SUPPORT

The BOYA BY-V30 Wireless Lavalier Microphone comes with a **2-year warranty** from the date of purchase. For technical support, warranty claims, or any inquiries, please visit the official BOYA website or contact their customer service.

Official Website: www.boyamic.com

Email: sales@boyamic.com

Phone: T: 400-613-1388

Transparency Verification: Each item has a unique code that BOYA verifies before shipping, ensuring product authenticity.


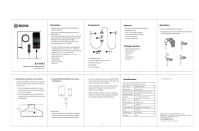
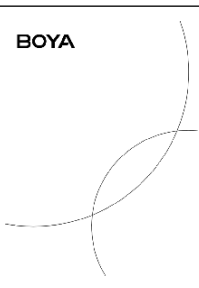



PRODUCT VIDEOS

BOYA Wireless Microphone Review

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Video: An influencer review of the BOYA Wireless Microphone, discussing its features and performance in various environments, including noise cancellation and battery life. Note: This video is from an influencer, not the seller.

Related Documents - BY-V30(USB-C)

	<p>BOYA BY-M1S Universal Lavalier Microphone Instruction Manual</p> <p>Comprehensive instruction manual for the BOYA BY-M1S universal lavalier microphone, detailing its features, specifications, product structure, and usage with various devices like smartphones, cameras, and laptops.</p>
	<p>BOYA BY-DM2 Digital Lavalier Microphone for Android Devices - User Guide</p> <p>Learn how to use the BOYA BY-DM2 digital lavalier microphone with your Android devices. This guide covers setup, operation, specifications, and compatibility for high-quality audio recording.</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 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 2: Upgraded Super Mini Wireless Microphone User Manual</p> <p>Comprehensive user manual for the BOYA mini 2, an upgraded super-mini wireless microphone system featuring AI noise reduction, long battery life, and versatile compatibility for smartphones, tablets, and cameras. Learn about setup, features, specifications, and troubleshooting.</p>
	<p>BOYA BOYAMIC 2 Wireless Microphone System 2.4GHz AI Noise Reduction</p> <p>Explore the BOYA BOYAMIC 2, an advanced 3-in-1 compact wireless microphone system. Featuring 2.4GHz digital transmission, AI noise reduction, and USB-C/Lightning compatibility for professional audio capture in vlogging, interviews, and content creation.</p>

