

## BOYA BY-V10

# BOYA BY-V10 USB-C Wireless Lavalier Microphone Instruction Manual

Model: BY-V10 | Brand: BOYA

## 1. INTRODUCTION

The BOYA BY-V10 is a compact and lightweight wireless lavalier microphone system designed for use with USB-C compatible devices, including Android smartphones, iPhone 15/16, iPads, and laptops. It offers high-quality audio recording with features like one-click noise cancellation and stable wireless transmission, making it suitable for various content creation scenarios.



Image: The BOYA BY-V10 USB-C Wireless Lavalier Microphone system, showing the transmitter and receiver.

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Video: An overview of the BOYA BY-V10 Wireless Microphone, highlighting its ease of use for recording.

## 2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1 x Transmitter (TX)
- 1 x Receiver (RXU) with USB-C connector
- 1 x USB-A to USB-C Charging Cable
- 1 x Foam Windscreen
- 1 x Carrying Bag

## What's in the box

### BY-V10 (USB-C)



Transmitter x1



RXU Receiver x1



USB-A to USB-C  
Charging Cable x1



Carrying Bag x1



Foam Windscreen x1

Image: The complete packing list for the BY-V10, showing all included accessories.

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Video: An unboxing video demonstrating the contents of the BOYA BY-V Wireless Lavalier Microphone package.

## 3. SETUP GUIDE

### 3.1 Initial Charging

Before first use, ensure the transmitter is fully charged using the provided USB-A to USB-C charging cable. The receiver does not require charging as it draws power directly from your connected device.

# Rechargeable Long Battery Life

Enjoy worry-free, all-day recording effortlessly



The image shows a BOYA BY-V10 transmitter and receiver. The transmitter is a black, rectangular device with a large, black, spherical microphone on top. It has the 'BOYA' logo in white on its front. The receiver is a smaller, black, rectangular device with a USB-C port on its side and the 'BOYA' logo in white on its front. Both devices are standing on a blue, wavy, textured surface. In the background, there are large, light blue, stylized letters 'O' and 'A'.

<b>2 Hours</b> Charging Time	<b>9 Hours</b> Usage Time	<b>95 mAh</b> Battery Capacity
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Image: Battery life and charging details for the BY-V10 transmitter.

### 3.2 Connecting to Your Device

1. Press and hold the power button on the Transmitter (TX) for 2 seconds to turn it on. The indicator light will blink.
2. Plug the Receiver (RXU) directly into the USB-C port of your smartphone, iPad, or laptop.
3. The Transmitter and Receiver will automatically pair within 10 seconds. The indicator light on both units will turn solid blue once successfully paired.
4. **Note for Android users:** Enable the "OTG" function in your device's settings before connecting the USB Type-C microphone.





Work with iPhone15/16, Android Smartphone PC Laptop  
(Not Compatible: Samsung Flip, Redmi 10X, etc. )

Tip: Please connect the Mic after **unlocking your phone**. Turn on the **OTG** function in the settings of your **Android** phone in advance

Image: Visual instructions for the plug-and-play setup process.

### 3.3 Device Compatibility

The BY-V10 is compatible with devices featuring a USB-C port, including:

- Android Smartphones
- iPhone 15/16 models
- iPads with USB-C
- Laptops with USB-C

Please ensure your device supports external USB-C audio input.



Image: Visual representation of compatible devices for the BY-V10 microphone.

## 4. OPERATING INSTRUCTIONS

### 4.1 Wearing the Microphone

The transmitter features a 360° rotatable clip for easy attachment to your clothing. For optimal sound capture, clip the microphone approximately 6-8 inches from your mouth.



### Battery Life

Ensures all-day usage on set



**2h**

Charging  
time



**9h**

Continuously  
recording

Image: The compact size and clip-on design of the BY-V10 transmitter.

### 4.2 One-Click Noise Cancellation

To activate or deactivate the noise reduction mode, press the 'NR' button on the side of the transmitter. The indicator light will change to static green when noise reduction is enabled, and blink blue slowly when muted.

# One Click Noise Cancellation

Enhance Clarity and Cleanliness of Your Voice

Before noise reduction

After noise reduction



Image: Visual comparison of audio with and without noise cancellation enabled.

## Doubled to 328FT/100M

## Stable Line-of-sight Range

It is measured in an open environment without obstacles and interference



Image: Detailed explanation of the noise cancellation button and indicator lights.



### 4.3 Mute Function

To mute the microphone, briefly press the power button on the transmitter. The indicator light will blink blue slowly. Press again to unmute.

### 4.4 Transmission Range

The BY-V10 offers a stable audio signal transmission range of up to 100 meters (328 feet) in open environments without obstacles or interference.



Image: Demonstration of the microphone's long-distance transmission capability.

## Support Using While Charging

You can charge your device while recording through this port, making it convenient for long sessions like streaming or course recording.



Image: Further illustration of the extended transmission range.

### 4.5 Charging While Recording

The receiver allows you to charge your phone or connected device while recording, ensuring uninterrupted long sessions for streaming or course recording.



\*Attention: The receiver does not need to be charged, it is powered by a mobile phone

Image: The receiver connected to a smartphone, illustrating the ability to charge the phone during recording.



## Packing List

- Transmitter x1
- RXU Receiver x1
- USB-A to USB-C Charging Cable x1
- Foam Windscreen x1
- Carrying Bag x1



Image: Another visual of the 'Support Using While Charging' feature.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your BOYA BY-V10 microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the microphone and receiver. Avoid using liquids or abrasive cleaners.
- **Storage:** Store the microphone system in its carrying bag when not in use to protect it from dust, moisture, and physical damage.
- **Battery Care:** Fully charge the transmitter before long periods of storage to maintain battery health.
- **Handle with Care:** Avoid dropping the devices or exposing them to extreme temperatures.

## 6. TROUBLESHOOTING

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If you encounter problems when using the unit, please refer to the following checklist. If the problem cannot be solved, please contact the seller for after-sales service.

- **The unit fails to pair:** Make sure to pair the transmitter(s) with one receiver. If paired with more than one receiver, which receiver will be paired with the transmitter(s) cannot be specified.
- **No sound from the unit or no sound when connected to an external device:**
  - a. Make sure the connector on the receiver is well connected to your device.
  - b. Make sure the transmitter(s) is not muted. If its indicator blinks blue slowly, users need to press the power button once to unmute the transmitter(s).
- **The operation range of the unit is limited and the sound is frequently intermittent:** Make sure there is no interference between the transmitter(s) and receiver. If the intermittent sound still occurs frequently, please contact us for after-sales service.
- **The unit shuts off automatically:** When not paired, the transmitter(s) will automatically shut down after 10 minutes.
- **The unit fails to be powered on:** Make sure the unit has enough battery to be powered on. Try plugging in a charging cable to activate the circuit.
- **The charging case fails to charge the unit:**



- a. Make sure the charging case's battery is not depleted. Try charging the case.
- b. Wipe the charging contacts of the unit and charging pins of the charging case with a clean cloth and to make sure no dust is covering them.
- c. Try to push down the unit placed in the charging case until the charging contacts are fully connected. After that, if the unit still fails to be charged, the magnetic force may be aging. Please contact us for after-sales service.



Image: A troubleshooting guide with solutions for common operational problems.

7. SPECIFICATIONS


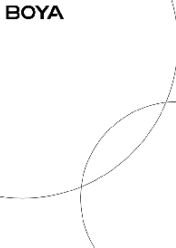


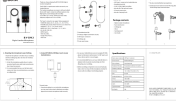
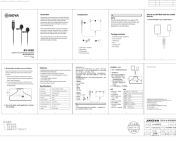
Feature	Detail
Brand	BOYA
Model Name	BY-V10(USB-C)
Microphone Form Factor	Lavalier
Connectivity Technology	USB
Connector Type	USB Type-C
Polar Pattern	Omnidirectional
Audio Sensitivity	42 Decibels
Signal-to-Noise Ratio	80 dB
Item Weight	1.76 ounces (0.05 Kilograms)
Product Dimensions	3.27 x 4.45 x 1.38 inches
Power Source	Battery Powered (Transmitter)
Battery Life (Transmitter)	Up to 9 hours
Charging Time (Transmitter)	Approx. 2 hours
Special Feature	Mute Function, One-Click Noise Cancellation
Compatible Devices	Laptop, Smartphone (USB-C)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your BOYA BY-V10 microphone, please

refer to the official BOYA website or contact the seller directly through your purchase platform. Keep your proof of purchase for warranty claims.

Related Documents - BY-V10

	<p><a href="#">BOYA BY-V Wireless Microphone System Q&amp;A</a></p> <p>Comprehensive Q&amp;A guide for the BOYA BY-V wireless microphone system, covering setup, connectivity, audio issues, and usage tips for various mobile devices.</p>
	<p><a href="#">BOYA mini Wireless Ultra-Mini Microphone User Manual</a></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><a href="#">BOYA BY-DM2 Digital Lavalier Microphone for Android Devices - User Guide</a></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><a href="#">BOYA BY-M100 Series Miniature Microphones: Quick Start Guide &amp; Specifications</a></p> <p>Comprehensive guide for BOYA BY-M100, BY-M110, BY-M100D, BY-M100UC, and BY-M100UA miniature microphones, covering setup, features, and technical specifications.</p>
	<p><a href="#">BOYA BY-DM2 Digital Lavalier Microphone for Android - Instruction Manual</a></p> <p>Comprehensive instruction manual for the BOYA BY-DM2 digital lavalier microphone. Learn how to connect, operate, and get the best audio quality for your Android devices with this high-quality, omnidirectional microphone.</p>
	<p><a href="#">BOYA BY-M3D Digital Dual Lavalier Microphone User Manual</a></p> <p>Comprehensive user manual for the BOYA BY-M3D, a digital dual lavalier microphone system with USB Type-C connectivity. Learn about its features, specifications, components, package contents, and how to use it for interviews, podcasts, and more.</p>