

BOYA Omic-D

BOYA Omic-D Wireless Lavalier Microphone User Manual

Model: Omic-D

1. INTRODUCTION

Thank you for choosing the BOYA Omic-D Wireless Lavalier Microphone. This system is designed to provide high-quality audio recording for your iPhone and iPad devices with Lightning ports. Featuring MFi certification, noise cancellation, and a convenient magnetic clip, the Omic-D is ideal for video recording, vlogging, interviews, and live streaming. Please read this manual carefully to ensure proper operation and to maximize the performance of your device.

2. PACKAGE CONTENTS

Before use, please verify that all items listed below are included in your package:

- 2 x Omic TX Transmitters (Microphones)
- 1 x Omic RXD Receiver (Lightning Connector)
- 2 x Fur Windshields
- 1 x USB-A to USB-C Cable
- 1 x Omic CC Charging Case
- 1 x Carrying Pouch



Image: Contents of the BOYA Omic-D package.

3. PRODUCT OVERVIEW

The BOYA Omic-D system consists of two compact transmitters (microphones), a receiver, and a portable charging case. Each component is designed for ease of use and portability.

3.1. Transmitters (TX)

The transmitters are small, lightweight microphones equipped with a magnetic clip for secure attachment to clothing. They feature a built-in omnidirectional microphone and a button for noise cancellation.

3.2. Receiver (RXD)

The receiver plugs directly into your iPhone or iPad's Lightning port. It facilitates the wireless connection between the transmitters and your device, enabling audio capture without additional cables.

3.3. Charging Case (CC)

The charging case not only protects your microphones and receiver but also recharges them on the go. It

supports both USB-C wired charging and wireless charging.

| All- in -One Wireless Clip Microphone

Features fast charging, noise cancelling, automatic pairing, and plug play.



Image: The BOYA Omic-D wireless clip microphone and charging case.

4. SETUP

The BOYA Omic-D system is designed for plug-and-play operation, requiring minimal setup.

1. **Charge the Devices:** Ensure both transmitters and the charging case are fully charged before first use. Place the transmitters into the charging case. Connect the charging case to a power source using the provided USB-A to USB-C cable or place it on a wireless charger.
2. **Automatic Pairing:** Open the charging case. The transmitters will automatically power on and attempt to pair with each other and the receiver.
3. **Connect Receiver:** Plug the Omic RXD receiver directly into the Lightning port of your iPhone or iPad. The receiver will automatically connect to the transmitters. A blue indicator light on the transmitters signifies a successful connection.

Wide Compatibility

Compatible with Lightning Port Mobile Phone/iPad

(iPhone14/13Pro/12/11/8/7/6s/iPad Pro/Air2/Mini)



Image: Wide compatibility of the Omic-D with Lightning port devices.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- **Power On:** Open the charging case, and the transmitters will automatically power on.
- **Power Off:** Place the transmitters back into the charging case, and they will automatically power off.

5.2. Wearing the Microphone

The transmitters can be worn in two ways:

- **Magnetic Attachment:** Use the integrated magnetic clip to attach the transmitter securely to your clothing.
- **Clip-On:** Alternatively, use the traditional clip-on method to secure the microphone.

For optimal audio quality, position the microphone approximately 6-8 inches (15-20 cm) from your mouth.

Magnetically Attach



Clip On

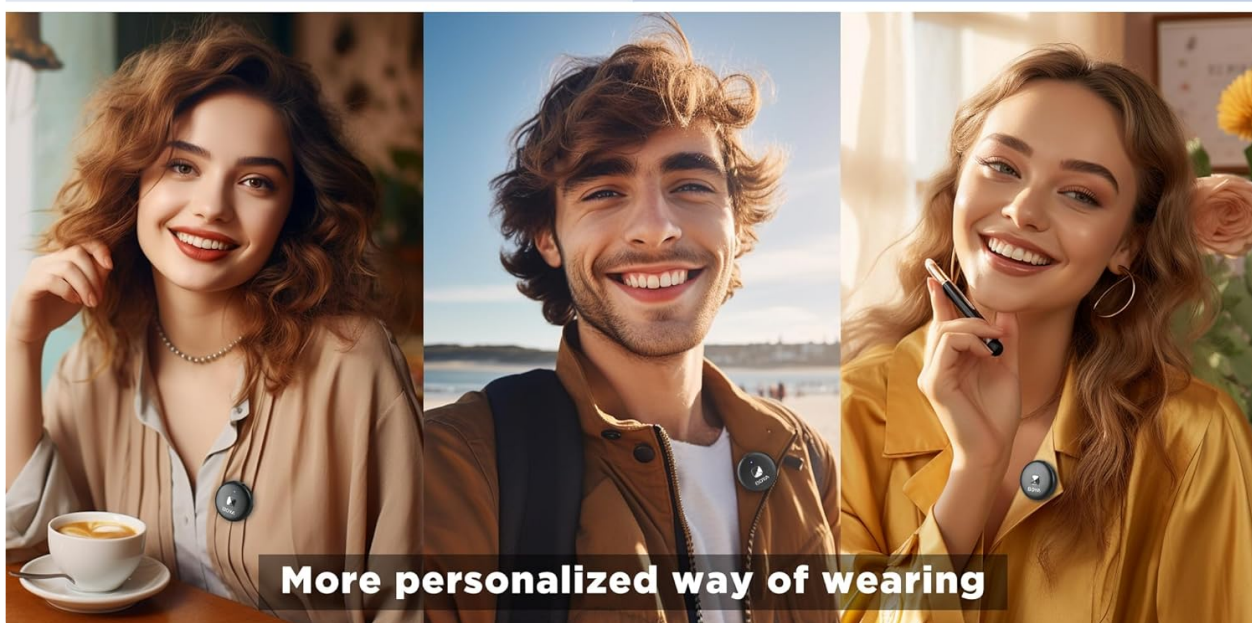


Image: Various ways to wear the Omic-D microphone using magnetic or clip-on methods.

5.3. Noise Cancellation

The BOYA Omic-D features an active noise cancellation algorithm to reduce ambient noise. To activate or deactivate noise cancellation, press the designated button on the transmitter. A change in the indicator light may signify the mode change.

Industry-Leading Noise Cancelling

No more shouting over construction noise or heavy wind thanks to the noise reduction system



Image: Illustration of the noise cancellation feature on the Omic-D microphone.

5.4. Windshields

For outdoor recording or in windy conditions, attach the provided fur windshields to the transmitters to minimize wind noise and improve audio clarity.

5.5. Playback

The Omic-D receiver utilizes exclusive audio analysis technology, allowing you to play back audio directly through your phone's built-in speaker without needing to unplug the receiver.

5.6. Charging Your Phone

The receiver includes a built-in USB-C port. This port allows you to connect a power source to charge your iPhone or iPad while the microphone system is in use, supporting fast charging up to 3A.

6. CHARGING

The BOYA Omic-D system offers flexible charging options:

- **Charging Case:** The charging case itself can be charged via the USB-C port using the included cable or wirelessly by placing it on a compatible wireless charging pad.
- **Transmitters:** Place the transmitters into the charging case to recharge them. The case provides multiple full charges for the transmitters.

A fully charged transmitter provides approximately 5 hours of continuous recording. The charging case extends the total operating time to up to 15 hours.

Rechargeable Digital Battery Case

Extend the working time, recharge mic anytime anywhere

5 HOUR

Continuous Recording

2 TIME

Fully Charge

300mAh

Charging Case Capacity



Image: Rechargeable digital battery case features and capacity.

7. COMPATIBILITY

The BOYA Omic-D is MFi certified and compatible with a range of Apple devices:

- iPhone 14 / 14 Pro / 14 Pro Max
- iPhone 13 / 13 Pro
- iPhone 12 / XR / X
- iPad Pro Series with Lightning Port

NOTE: This device is NOT compatible with iPhone 15 series or any USB-C port iPad models. For these devices, please choose the BOYA Omic-U model.

8. SPECIFICATIONS

Feature	Detail
Microphone Form Factor	Lavalier
Polar Pattern	Omnidirectional
Connectivity Technology	2.4GHz Wireless
Connector Type	Lightning
Transmission Range	Up to 164 feet (50 meters) in open areas
Frequency Response	20 Hz - 20 KHz
Signal-to-Noise Ratio	80 dB
Number of Channels	2
Battery Type	Lithium Polymer (included)
Transmitter Weight	Approximately 2 grams (0.071 ounces)
Charging Case Capacity	300mAh (approximate)
Special Features	Battery Indicator Light, Clip, Noise Reduction, Runs on Plug-In Power, Volume Control

| 164FT Transmission

Connect microphones up to **164ft** away with lossless recording.



Image: The BOYA Omic-D offers up to 164ft (50m) transmission range.

9. TROUBLESHOOTING

If you encounter issues with your BOYA Omic-D microphone, please refer to the following common solutions:

- **No Sound/Microphone Not Recognized:**

- Ensure the receiver is fully inserted into your iPhone/iPad's Lightning port.
- Verify that both transmitters are powered on and paired (indicated by a steady blue light).
- Check your device's audio input settings to ensure the external microphone is selected, if applicable.
- Confirm your device is compatible (not an iPhone 15 series or USB-C iPad).
- Restart your iPhone/iPad and try reconnecting.

- **Poor Audio Quality/Excessive Noise:**

- Ensure the microphone is positioned correctly, approximately 6-8 inches from the sound source.
- Activate the noise cancellation feature if in a noisy environment.
- Attach the fur windshields when recording outdoors or in windy conditions.

- Check for obstructions between the transmitter and receiver that might interfere with the wireless signal.
- **Charging Issues:**
 - Ensure the USB-C cable is securely connected to both the charging case and a power source.
 - If using wireless charging, ensure the case is correctly placed on a compatible wireless charging pad.
 - Verify the power source is functional.

10. MAINTENANCE

To ensure the longevity and optimal performance of your BOYA Omic-D microphone system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the devices. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the microphones and receiver in their charging case when not in use to protect them from dust, moisture, and physical damage.
- **Avoid Extreme Conditions:** Do not expose the devices to extreme temperatures, direct sunlight, or high humidity.
- **Handle with Care:** Avoid dropping or subjecting the devices to strong impacts.

11. WARRANTY AND SUPPORT

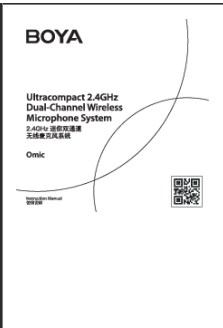
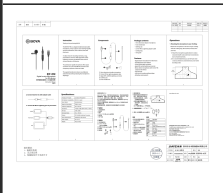
BOYA offers a **2-year warranty** for the Omic-D Wireless Lavalier Microphone. This warranty covers manufacturing defects and malfunctions under normal use.





If you experience any issues or require technical assistance, please contact BOYA customer support. You can find contact information on the official BOYA website or through your purchase platform.

For more information and product updates, visit the official [BOYA Store](#).

© 2023 BOYA. All rights reserved.

Related Documents - Omic-D

	<p>BOYA Omic Ultracompact 2.4GHz Dual-Channel Wireless Microphone System - User Manual</p> <p>Official instruction manual for the BOYA Omic, an ultracompact 2.4GHz dual-channel wireless microphone system. Learn about features, setup, troubleshooting, and specifications for Omic-D and Omic-U models.</p>
	<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-M1 Universal Lavalier Microphone User Manual</p> <p>Comprehensive guide to the BOYA BY-M1 universal lavalier microphone, covering features, setup, usage with cameras and smartphones, troubleshooting, and specifications.</p>
	<p>BOYA mini 2 AI Noise Cancelling Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the BOYA mini 2, an upgraded ultra-compact wireless microphone system featuring AI noise cancellation, high-fidelity audio recording, and versatile connectivity for smartphones and tablets. Includes setup, operation, app integration, troubleshooting, and detailed specifications.</p>
	<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 BOYAMIC 2.4GHz Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the BOYA BOYAMIC 2.4GHz dual-channel wireless microphone system. Covers features, setup, operation, troubleshooting, and specifications for vlogging, live streaming, and mobile journalism.</p>