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- › [BOYA](#) /
- › [BOYA Omic-U Wireless Lavalier Microphone System User Manual](#)

BOYA GR-OMIC-U

BOYA Omic-U Wireless Lavalier Microphone System User Manual

INTRODUCTION

The BOYA Omic-U is an ultracompact 2.4GHz dual-channel wireless microphone system designed for use with USB-C Android smartphones, Type-C tablets, and iPhone 15. This system provides high-quality audio capture for various applications including podcasting, video recording, YouTube content creation, live streaming, and vlogging. Its compact design and advanced features ensure clear and reliable sound performance.

Key features include easy automatic connection, smart noise reduction, a magnetic back clip for versatile attachment, and a portable charging case with extended battery life and wireless charging capabilities.

WHAT'S IN THE BOX

- 2 x Omic TX Transmitters
- 1 x Omic RXU Receiver
- 2 x Fur Windshields
- 1 x USB-A to USB-C Cable
- 1 x Omic CC Charging Case
- 1 x Carrying Pouch



Image: All components included in the BOYA Omic-U Wireless Lavalier Microphone System package.

Video: An ASMR unboxing of the Omic Wireless Microphone, showcasing the contents and initial presentation.

SETUP

Automatic Connection

The BOYA Omic-U microphone system is designed for easy, driver-free operation. To connect, simply plug the receiver into your recording device's USB-C port. Turn on the receiver, and it will automatically pair with the transmitters. Ensure that the USB OTG (On-The-Go) setting is enabled in your device's settings for proper functionality.

Industry-Leading Noise Cancelling

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



Image: The BOYA Omic-U receiver connected to a smartphone's USB-C port, indicating automatic pairing.

Attaching the Microphone

The transmitter features an upgraded magnetic back clip for secure and convenient attachment. You can easily clip it onto clothing or use the magnetic attachment by placing the clip inside your garment and the microphone on the outside for a stable hold.



Image: The BOYA Omic-U transmitter demonstrating both magnetic and clip-on attachment methods for clothing.

OPERATING INSTRUCTIONS

Noise Reduction

The BOYA Omic-U includes smart noise reduction functionality. Double-click the Noise Reduction button on the transmitter to activate this feature, which significantly reduces ambient noise and provides 48kHz high-definition sound quality, minimizing the need for post-editing.

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: A close-up of the BOYA Omic-U transmitter, illustrating its industry-leading noise cancelling capability.

Charging

The system comes with a portable charging case. The microphones have a built-in rechargeable lithium battery offering up to 5 hours of battery life. The charging case extends this to up to 15 hours. The case can be charged via USB-C or wirelessly. You can also charge the device through the transmitter while recording to prevent interruptions.

Wide Compatibility

Note: 1. If it is recognized as a headset when connected, it can be used normally.
2. The OTG function needs to be turned on when connecting.

Compatible with USB-C Port Mobile Phone/Tablet /Laptop (Huawei/Samsung /
Xiaomi/iPhone 15)



For Computers equipped with USB-A port.



Image: The BOYA Omic-U portable charging case with microphones, showing battery life and charging capabilities.

Video: An official overview of the OMic-U wireless lavalier microphone, demonstrating its features and use.

MAINTENANCE

Windshield Installation

For optimal audio quality in windy conditions, attach the provided fur windshields to the transmitters. These windshields help to diffuse wind noise, ensuring clearer recordings. Gently push the windshield onto the microphone head until it is securely in place.

| 164FT Transmission

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



Image: The BOYA Omic-U fur windshields, designed to reduce wind noise for clearer audio.

General Care

To ensure the longevity and optimal performance of your BOYA Omic-U system, keep all components clean and dry. Avoid exposing the devices to extreme temperatures or moisture. Store the microphones and receiver in the charging case when not in use to protect them and keep them charged.

TROUBLESHOOTING

Connection Issues

If the microphone system does not connect automatically, ensure that the USB OTG (On-The-Go) function is enabled in your device's settings. This setting is crucial for external USB devices to be recognized. Also, verify that the receiver is fully and securely plugged into your device's USB-C port. A loose or damaged connection can prevent proper operation.

Audio Playback Issues

If you cannot hear audio during playback after recording, ensure that the receiver is unplugged from your device. Many devices automatically route audio output through the connected USB-C port, muting internal speakers when the receiver is attached.

Transmission Range

The BOYA Omic-U offers a transmission range of up to 50 meters (164 feet) in an open field without degradation of audio response. If you experience signal drops or poor audio quality, ensure you are within this recommended range and that there are no significant obstructions between the transmitter and receiver.

Video: A transmission distance test of the Omic Wireless Microphone, demonstrating its range up to 50 meters.

SPECIFICATIONS

Feature	Detail
Brand	BOYA
Model Name	BOYA OMIC-U
Connectivity Technology	USB
Connector Type	USB Type-C
Special Feature	Lightweight, Noise Reduction, Rechargeable Battery, Volume Control, Wireless Charging
Compatible Devices	Android, Laptop, Smartphone, iPhone 15
Color	Black
Polar Pattern	Omnidirectional
Frequency Response	20000 Hz
Signal-to-Noise Ratio	80 dB
Power Source	Battery Powered
Number of Batteries	2 Lithium Polymer batteries required (included)
Item Weight	2.82 Ounces
Product Dimensions	3.15 x 2.36 x 6.3 inches

WARRANTY AND SUPPORT

BOYA provides a 2-year warranty and dedicated customer service for the Omic-U Wireless Lavalier Microphone System. If the product experiences any issues, please contact BOYA customer support for a complete after-sales solution.

For further assistance or to explore other BOYA products, visit the official BOYA Store on Amazon [BOYA Store](#).