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BOYA BY-WM3T-U2

BOYA Dual Wireless Lavalier Microphone

MODEL: BY-WM3T-U2 INSTRUCTION MANUAL

Comprehensive guide for setup, operation, and maintenance.

1. Product Overview

The BOYA BY-WM3T-U2 is a dual wireless lavalier microphone system designed for use with Android phones, iPhone 15, USB Type-C smartphones, and laptops. It offers a stable audio signal transmission up to 164 feet (50 meters) and features a long battery life, superior noise reduction, and pass-through phone charging while recording. This compact and lightweight system is ideal for various recording scenarios including podcasts, YouTube videos, TikTok, live streams, vlogs, and interviews.

328FT (100m) Available Distance

Space to move around while recording up to 328FT/100m (without obstructions)



Figure 1: The BOYA BY-WM3T-U2 offers a transmission range of up to 328 feet (100 meters) without obstructions, providing flexibility for various recording environments.

2. What's Included in the Box

- Charging Case x 1
- BY-WM3T-TX Transmitter x 2
- BY-WM3T-RXD Receiver x 1
- Carrying Pouch x 1
- Foam Windscreen x 2
- USB-C Charging Cable x 1

Product Structure



Figure 2: Contents of the BOYA BY-WM3T-U2 package. Ensure all items are present.

Video 1: An overview of the BOYA BY-WM3T wireless microphone system components and their features.

3. Product Components



Figure 3: Detailed view of the receiver (BY-WM3T-RXD) and transmitter (BY-WM3T-TX) components.

4. Setup and Connection

The BOYA BY-WM3T-U2 system is designed for ease of use with plug-and-play functionality. Follow these steps to set up your microphone system:

1. **Automatic Pairing:** For first-time use, remove the protective film from the charging contacts of the transmitters. Simply open the charging case and take out the transmitters. They will automatically pair with the receiver once the receiver is plugged into your device.
2. **Manual Power On/Off:** To manually turn on/off a transmitter, press and hold the power button for 2 seconds. The blue indicator light on the transmitter will illuminate when powered on and paired.
3. **Connect Receiver:** Plug the BY-WM3T-RXD receiver into the USB-C port of your smartphone, tablet, or laptop. The receiver's indicator light will turn solid blue once successfully paired with the transmitters.

Plug Play

Charging Your Phone while Recording



Charging your phone via the USB-C port on the side of RX when recording.
No need for APP & Bluetooth

Figure 4: The receiver plugs directly into your device's USB-C port for instant connection.

Video 2: A step-by-step guide on how to use the BOYA BY-WM3T wireless lavalier microphone, covering initial setup and connection.

5. Operating Instructions

Once connected, the BOYA BY-WM3T-U2 offers intuitive controls for optimal audio capture.

- **Mute Function:** Short press the power button on the transmitter to mute/unmute the microphone. The blue indicator light will flash slowly when muted.
- **Noise Reduction:** Press the

