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COMICA VF-BoomX-D2

Comica BoomX-D2 Wireless Microphone System User Manual

Model: VF-BoomX-D2 | Brand: COMICA

PRODUCT OVERVIEW

The Comica BoomX-D2 is a compact 2.4G wireless microphone system designed for cameras, camcorders, smartphones, and laptops. It features advanced 2.4G wireless technology for stable signal transmission up to 328 feet (100 meters) in open areas. This system offers versatile audio output modes including mono, stereo, and a safety mode for backup audio. Key features include intelligent noise reduction, low latency, and flexible input options with both internal and external lavalier microphones.



Figure 1: Comica BoomX-D2 Wireless Microphone System components.

WHAT'S IN THE BOX

Your Comica BoomX-D2 package includes all necessary components for immediate use:

- 2 x Transmitters (TX)
- 1 x Receiver (RX)
- 2 x 3.5mm Lavalier Microphones
- 1 x 3-in-1 USB A-USB C Charging Cable
- 1 x 3.5mm TRS-TRS Audio Cable (for cameras)
- 1 x 3.5mm TRS-TRRS Audio Cable (for smartphones)
- 2 x Wind Muffs
- 1 x Carry Case



Figure 2: Detailed view of all included accessories and units.

SETUP AND INSTALLATION

Charging the Devices

Before first use, ensure all units (transmitters and receiver) are fully charged. Use the provided 3-in-1 USB C charging cable to connect the devices to a power source. The built-in rechargeable batteries offer up to 5 hours of runtime on a full charge.



Figure 3: Charging multiple units simultaneously.

Mounting and Connectivity

The BoomX-D2 units are designed for versatile mounting. Each unit features a multi-functional belt clip that can also serve as a shoe mount for cameras or phone rigs.

Ultra Compatibility

BOOM X-D D2 wireless mic with high compatibility, it could connect to cameras, phones, and computers.



Figure 4: Ultra compatibility with various devices.

- **For Cameras:** Use the 3.5mm TRS-TRS audio cable to connect the receiver's OUT port to your camera's microphone input.
- **For Smartphones:** Use the 3.5mm TRS-TRRS audio cable to connect the receiver's OUT port to your smartphone's headphone jack. For iPhones without a 3.5mm jack, a Lightning to 3.5mm adapter (not included) is required. For USB-C only phones, a USB-C to 3.5mm adapter (not included) is required.

Microphone Input Modes

Each transmitter offers two input modes:

- **Internal Microphone:** For quick, run-and-gun scenarios, simply clip the transmitter directly onto clothing. The built-in omnidirectional condenser microphone captures 360° surround sound.
- **External Lavalier Microphone:** For more discreet and precise audio capture, connect the provided 3.5mm lavalier microphone to the transmitter's MIC input. This is ideal for interviews or situations where the microphone needs to be hidden.

Internal and External MIC Two Input Modes



Figure 5: Internal and External MIC Two Input Modes.

OPERATING INSTRUCTIONS

Powering On/Off and Pairing

Press and hold the power button on both the transmitter(s) and the receiver to turn them on or off. The units are pre-paired from the factory. If re-pairing is needed, refer to the detailed user manual (PDF) for instructions.

Output Modes

The receiver supports Mono, Stereo, and Safety output modes. Double-click the power button on the receiver to switch between these modes:

- **Mono Mode:** Combines audio from both transmitters into a single mono track.
- **Stereo Mode:** Separates audio from each transmitter into left and right channels for independent control during post-production.

- **Safety Mode:** Records two tracks; one at the standard level and an additional track 6dB lower as a backup, preventing audio clipping.

Mono/Stereo/ Safety Switchable Output Modes

Safety track mode to include a -6dB audio track for post-production, ensuring ultimate flexibility and audio control.

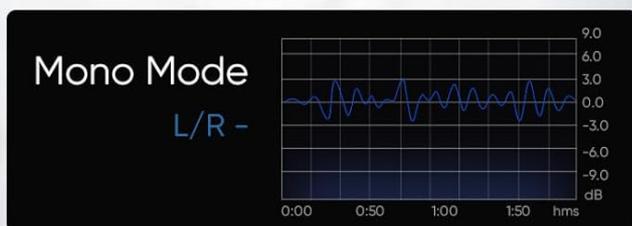
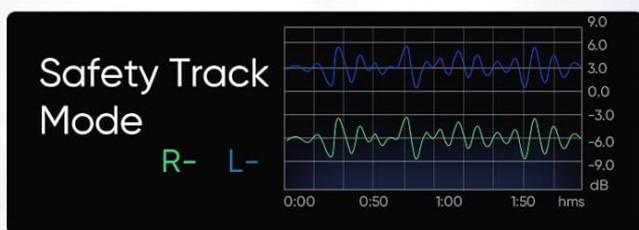


Figure 6: Output Mode Selection on Receiver.

Real-time Monitoring and Muting

The receiver features a 3.5mm headphone jack for real-time audio monitoring, allowing you to check audio levels and quality during recording. A one-key mute function on the transmitter ensures efficient and stable operation.

Visual Power, Audio Dynamic Monitor

All the front and icon on the screen are crystal clear with broad viewing angle



Figure 7: Visual Power and Audio Dynamic Monitor.

Noise Reduction

The built-in professional-grade intelligent noise reduction chip effectively filters environmental noise, providing high-fidelity sound quality. This feature helps in producing clearer audio, especially in noisy environments.

Intelligent Denoise Precise Pickup

Built-in DPS chip, intelligently filters noise and effectively reduces the impact of noise on recording



Figure 8: Intelligent Denoise and Precise Pickup.

Wireless Range

The 2.4G wireless technology allows for a working distance of up to 328 feet (100 meters) in open areas, providing flexibility for various shooting scenarios without signal dropouts.

328 ft/100m Long-range Transmission

Working distance is up to 328 ft/100m in open areas, which allows you the shoot outdoor videos steadily without dropouts.



Figure 9: 328 ft/100m Long-range Transmission.

Official Product Videos

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Video: BoomX-D2 Mono/Stereo Testing

This video demonstrates the mono and stereo output capabilities of the Comica BoomX-D2 system, showcasing how audio is captured and separated or combined. It provides practical examples of how to utilize these modes for different recording needs.

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Video: BoomX-D Wireless Lavalier Lapel Microphone

An overview video highlighting the features and benefits of the Comica BoomX-D wireless lavalier microphone system, including its compact design, ease of use, and audio quality for various applications.

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Video: BoomX-D Wireless Lavalier Microphone

This video provides a concise demonstration of the BoomX-D wireless lavalier microphone, focusing on its portability and effectiveness in capturing clear audio for content creation.

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Video: Comica BoomX-D2 Wireless Lavalier Microphone

A promotional video showcasing the Comica BoomX-D2, highlighting its features such as dual transmitters, long-range transmission, and compatibility with various recording devices.

SPECIFICATIONS

Feature	Detail
Brand	COMICA
Model Name	VF-BoomX-D2
Connectivity Technology	2.4GHZ
Connector Type	3.5 mm Jack
Special Feature	Built-in or External Lav Mic, Safety, Mono, and Stereo Output, Dual-Channel Lossless Pickup, One-click Noise Cancellation
Compatible Devices	Camcorder, Camera, Smartphone
Color	Black
Included Components	2 x Transmitters, 1 x Receiver, 1 x 3-in-1 USB A-USB C Charging Cable, 1 x 3.5mm TRS-TRS Audio Cable, 1 x Carry case, 1 x 3.5mm TRS-TRRS Audio Cable, 2 x 3.5mm lavalier microphones
Polar Pattern	Omnidirectional
Audio Sensitivity	90 dB
Item Weight	0.41 Kilograms (14.4 ounces)
Power Source	Battery Powered (3 C batteries included)
Signal-to-Noise Ratio	78 dB
Frequency Range	2.4G
Frequency Response	20 KHz

Model Number	VF-BoomX-D2
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TROUBLESHOOTING

If you encounter any issues with your Comica BoomX-D2 system, please refer to the official user guide for detailed troubleshooting steps. Common issues may include:

- **No Audio:** Check all cable connections, ensure units are powered on and paired, verify correct output mode (Mono/Stereo), and check audio levels on both the receiver and your recording device.
- **Interference/Poor Signal:** Ensure line-of-sight between transmitter and receiver, avoid strong 2.4Ghz interference sources (Wi-Fi routers, other wireless devices), and try changing locations.
- **Low Battery:** Recharge units using the provided USB-C cable.

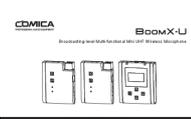
For more in-depth troubleshooting and technical support, please consult the [Official User Guide \(PDF\)](#).

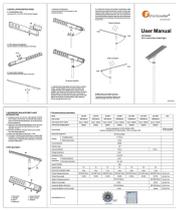
WARRANTY AND SUPPORT

Comica products typically come with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions regarding coverage, duration, and service. For direct support, you may contact Comica through the information provided in your user manual or on their official website.

For further assistance, please refer to the [Official User Guide \(PDF\)](#).

Related Documents - VF-BoomX-D2

	<p>Comica BoomX-D 2.4G Digital Wireless Microphone User Manual User manual for the Comica BoomX-D 2.4G Digital Wireless Microphone system, covering setup, features, and specifications for transmitters and receivers.</p>
	<p>COMICA BoomX-U UHF Wireless Microphone User Manual Comprehensive user manual for the COMICA BoomX-U multi-functional mini UHF wireless microphone system, detailing features, installation, operation, and technical specifications for broadcast-level audio capture.</p>
	<p>COMICA BoomX-U User Manual: Broadcasting-Level Mini UHF Wireless Microphone Comprehensive user manual for the COMICA BoomX-U, a broadcasting-level multi-functional mini UHF wireless microphone. Learn about its features, installation, and usage for both transmitters and receivers.</p>
	<p>Comica BoomX-D 2.4G Digital Wireless Microphone User Manual User manual for the Comica BoomX-D 2.4G Digital 1-Trigger-2 Wireless Microphone system, detailing its features, components, installation, and usage.</p>
	<p>COMICA BoomX-D MI 2.4G Digital Dual-Channel Wireless Microphone User Manual User manual for the COMICA BoomX-D MI, a 2.4G digital dual-channel wireless microphone system. This guide covers features, components, installation, usage, pairing, and specifications for optimal audio capture.</p>



[Felicitysolar D2 Series All-in-One Solar Street Light User Manual](#)

User manual for the Felicitysolar D2 Series All-in-One Solar Street Light, covering installation instructions, product description, performance parameters, and warranty information.