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GODOX Virso S M2

GODOX Virso S M2 Wireless Lavalier Microphone System for Sony Cameras - Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your GODOX Virso S M2 Wireless Lavalier Microphone System. Please read this manual thoroughly before using the product to ensure optimal performance and longevity. The Virso S M2 is designed to deliver high-quality audio for various recording scenarios, especially optimized for Sony cameras with its hotshoe mount, while also offering compatibility with other devices.



Image 1.1: GODOX Virso S M2 Wireless Lavalier Microphone System, showing two transmitters, one receiver, and various accessories.

2. PRODUCT OVERVIEW AND COMPONENTS

The GODOX Virso S M2 system includes the following components:

- **Transmitter (Virso TX):** 2 units
- **Receiver (Virso SRX):** 1 unit
- **USB to Type-C Data Cable:** 1 unit (for charging)
- **Furry Windscreen:** 2 units (for transmitters)
- **3.5mm TRS-TRRS Audio Connect Cable:** 1 unit (for smartphones/tablets)
- **Storage Bag:** 1 unit
- **3.5mm TRS-TRS Audio Connect Cable:** 1 unit (for cameras)
- **Omnidirectional Lavalier Microphone (LMS-12B AX):** 2 units
- **Hotshoe Cover:** 1 unit



Image 2.1: All components included in the GODOX Virso S M2 package.

3. SETUP

3.1 Initial Charging

Before first use, fully charge all transmitter and receiver units. Use the included 3-in-1 USB-C charging cable to charge all three units simultaneously. Connect the USB-A end to a power adapter (not included) or a computer USB port.

3.2 Mounting the Receiver (Sony Cameras)

The Virso S receiver features a hotshoe mount specifically designed for Sony cameras with a multi-interface shoe. Slide the receiver directly onto the camera's hotshoe. This connection provides stable audio transmission without additional cables.



Image 3.1: The Virso S receiver connected directly to a Sony camera's hotshoe, eliminating the need for a 3.5mm cable.

3.3 Connecting to Other Devices

For cameras without a Sony multi-interface shoe, smartphones, or tablets, use the appropriate 3.5mm audio cables:

- **3.5mm TRS-TRS Cable:** For connecting the receiver to standard camera audio input jacks.
- **3.5mm TRS-TRRS Cable:** For connecting the receiver to smartphones or tablets.

3.4 Attaching Lavalier Microphones

If using the external lavalier microphones, plug them into the 3.5mm microphone input jack on the transmitters. Secure the lavalier microphone to clothing, ensuring it is positioned to capture clear audio. Attach the furry windscreens to the lavalier microphones or directly to the built-in microphones on the transmitters for outdoor use to reduce wind noise.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Pairing

Press and hold the power button on each transmitter and the receiver to turn them on or off. The units are designed to pair automatically upon powering on. The receiver's display will show the connection status and battery levels of all units.

4.2 Volume Adjustment and Mute Function

Adjust the audio output level using the control wheel on the receiver. The transmitters feature a mute function, often integrated with the control wheel. Be mindful of its position to avoid accidental muting during recording.

4.3 Recording Modes

The Virso S M2 offers flexible recording modes:

- **Mono Mode:** Combines audio from both transmitters into a single track.
- **Stereo Mode:** Records audio from each transmitter onto separate left and right channels, allowing individual post-processing.
- **Safety Track Mode:** Available only in Mono mode, this records an additional track at -6dB to prevent clipping in case of unexpected loud sounds.

4.4 Internal Recording

Each transmitter is equipped with a Micro SD card slot (card not included) supporting up to 256GB, allowing for up to 400 hours of backup recording. This feature ensures audio capture even if the wireless connection is interrupted. Note that the gain set on the receiver does not affect the internal recordings, which are captured at 48kHz/16-bit WAV format.

Up to 400H Backup Recording

Virso has your back! Apart from a -6db Safety Track to prevent clipping via the receiver, the transmitter also offers a Micro SD card slot that allows up to 256GB space for your ultra-long 400H backup recording.

256GB

Rom

400H

Backup Recording



Image 4.1: Transmitter unit highlighting the Micro SD card slot for internal backup recording.

4.5 Noise Cancellation

The system incorporates advanced noise reduction algorithms to filter out unwanted background noise, providing clearer voice recordings. This feature can be toggled on or off via the receiver's menu.

Hi-Fi Sound Quality

Compared with traditional noise reduction technology, the 2.0 noise reduction algorithm independently developed by Shenniu has been significantly improved in terms of details and performance, achieving 1:1 accurate restoration of human voice, which is more convenient for post-editing and tuning processing.



Image 4.2: Receiver display indicating the noise cancellation feature is active.

4.6 Screen Flip Function

The receiver's display can be flipped 180 degrees, enhancing readability and ease of adjustment when mounted in various orientations on a camera.

Flip The Screen **180°**

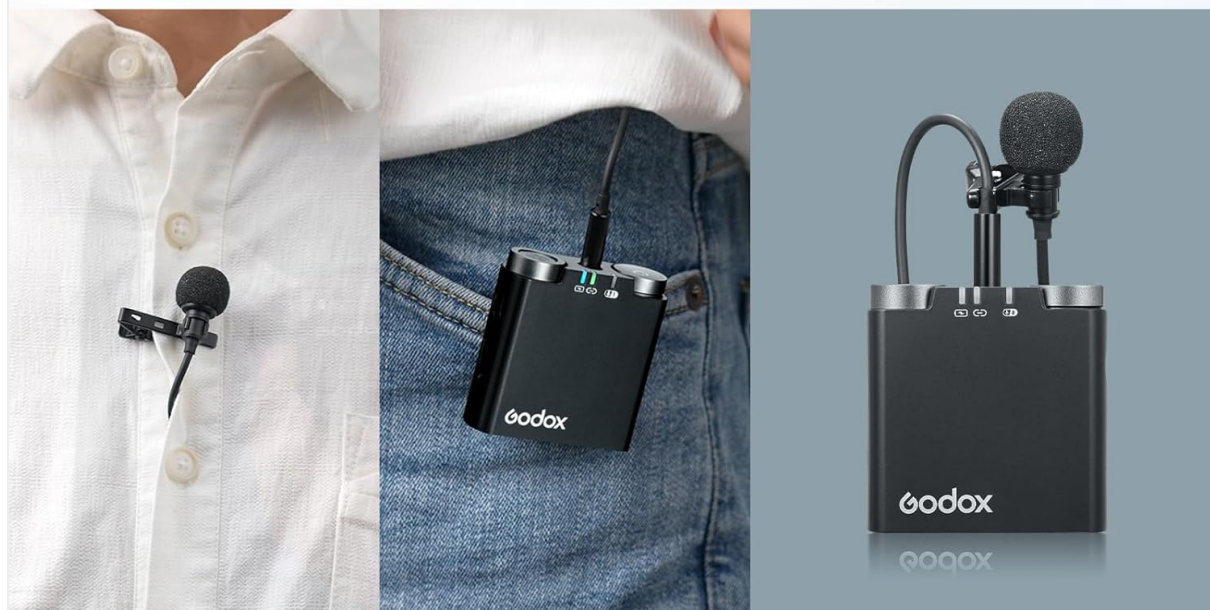


Image 4.3: Demonstration of the 180-degree screen flip function on the receiver.

4.7 Battery Life and Charging

The transmitters offer up to 13 hours of operation, and the receiver provides up to 17 hours on a single charge. All units can be charged while in use via their USB-C ports.

200M Extended Range

The wireless system ensures high-quality audio recording with a 650ft (200m) extended transmission distance. It's perfect for outdoor shoots and large spaces, offering flexibility in camera positioning and capturing desired audio.



Image 4.4: Visual representation of the extended battery life for transmitter (TX) and receiver (SRX).

5. MAINTENANCE

To ensure the longevity and optimal performance of your GODOX Virso S M2 system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the system in the provided storage bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For extended storage, ensure batteries are charged to approximately 50-60% to preserve battery health. Avoid fully discharging batteries for long periods.
- **Connector Care:** Keep all 3.5mm jacks and USB-C ports free of dust and debris.

6. TROUBLESHOOTING

If you encounter issues with your Virso S M2 system, refer to the following common problems and solutions:

- **No Audio Output**

- Ensure all units are powered on and paired.
- Check battery levels of transmitters and receiver.
- Verify all cables are securely connected (3.5mm TRS/TRRS).
- Confirm the receiver's output volume is not set to zero.
- Check if the transmitter is accidentally muted.

- **Poor Audio Quality / Interference**

- Ensure units are within the 200-meter operating range.
- Minimize obstructions between transmitters and receiver.
- Activate the noise cancellation feature if background noise is present.
- Ensure furry windscreens are used in windy conditions.
- Check for other 2.4GHz wireless devices nearby that might cause interference.

- **Transmitter Not Pairing:**

- Power cycle both the transmitter and receiver.
- Ensure units are close to each other during pairing.
- Refer to the on-screen menu for manual pairing options if automatic pairing fails.

- **Accidental Muting:**

- Be aware of the transmitter's control wheel, as it often doubles as the mute button. Instruct users to avoid touching it during recording.

7. SPECIFICATIONS

Feature	Specification
Microphone Form Factor	Lavalier
Power Source	Battery Powered (3 Lithium Ion batteries included)
Signal-to-Noise Ratio	70 dB
Hardware Platform Compatibility	Camera, Smartphone, Tablet
Number of Channels	2
Frequency Response	2.4 GHz
Item Weight	1.08 pounds (total package)
Item Model Number	Godox Virso S M2
Connectivity Technology	2.4G Wireless
Connector Type	Sony hotshoe mount, 3.5mm jack
Special Features	3.5mm jack, USB, Wireless, Internal Recording, Noise Cancellation
Compatible Devices	Sony Camera, other cameras, smartphones, tablets

Feature	Specification
Polar Pattern	Omnidirectional
Audio Sensitivity	32 Decibels
Transmission Range	Up to 200 meters (656 feet)
Transmitter Battery Life	Up to 13 hours
Receiver Battery Life	Up to 17 hours

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official GODOX website. Keep your proof of purchase for warranty claims.