GODOX WMicS1

GODOX WMicS1 UFH Wireless Microphone System User Manual

Model: WMicS1

1. Introduction

The Godox WMicS1 Kit 2 is a wireless microphone system designed for mobile journalists, videographers, and vloggers. It features two lavalier microphones and a single receiver, providing reliable audio transmission for recording dialogue, interviews, lectures, and speeches with two individuals simultaneously. This system is compatible with mirrorless/DSLR cameras, camcorders, or mixers, offering a comprehensive solution for various recording needs.

Key features include a compact dual-channel receiver, headphone monitoring capability, and two transmitters equipped with omnidirectional lavalier microphones. The system is engineered for ease of use with plug-and-play operation.



Image 1.1: Overview of the WMicS1 system, highlighting features such as dual channels, anti-image interference, long endurance, lightweight design, adjustable RF, and HD OLED display.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1x RX Camera-Mount Receiver
- 2x RX Bodypack Transmitter
- 2x Omni Lavalier Microphone
- 3x Belt Clips
- 1x 3.5mm TRS to 3.5mm TRS Output Cable
- 1x 3.5mm TRS to XLR Output Cable
- 1x Shoemount Adapter



Image 2.1: All components included in the GODOX WMicS1 Kit 2, laid out for inspection. This includes the receiver, two transmitters, two lavalier microphones, various cables, belt clips, and a carrying case.

3. Components Overview

3.1 Receiver (RX)

The receiver unit is designed to mount on your camera or camcorder. It receives audio signals from both transmitters simultaneously. It features an OLED display for monitoring channels, battery status, and audio levels, along with output and headphone jacks.

3.2 Transmitter (TX)

Each bodypack transmitter connects to an omnidirectional lavalier microphone. It transmits the audio signal to the receiver. The transmitter also features an OLED display, input for the microphone, and controls for power and channel selection.



Image 3.1: The GODOX WMicS1 receiver (left) and two transmitters (right), showcasing their compact design and external antennas.

3.3 Omnidirectional Lavalier Microphone

The included lavalier microphones are omnidirectional, meaning they pick up sound equally from all directions. They are designed for clear voice capture and come with a clip-on design for easy attachment to clothing.



Image 3.2: A close-up of the GODOX WMicS1 transmitter connected to an omnidirectional lavalier microphone, highlighting its clip-on design.

4. Setup Guide

4.1 Battery Installation

Both the transmitters and the receiver operate on two AA batteries. Open the battery compartment on each unit and insert two AA batteries, ensuring correct polarity. Alternatively, units can be powered via USB.

4.2 Connecting Microphones

Connect each omnidirectional lavalier microphone to the 'MIC' input port on the top of each transmitter unit.

4.3 Mounting the Receiver

Attach the receiver to your camera's hot shoe or cold shoe mount using the provided shoemount adapter. Secure it firmly.

4.4 Connecting to Camera/Mixer

Use the appropriate output cable to connect the receiver to your recording device:

- For DSLR/mirrorless cameras: Use the 3.5mm TRS to 3.5mm TRS output cable. Connect one end to the receiver's 'OUTPUT' port and the other to your camera's microphone input.
- For professional camcorders or mixers: Use the 3.5mm TRS to XLR output cable. Connect the 3.5mm end to the receiver's 'OUTPUT' port and the XLR end to your device's XLR input.

5. Operating Instructions

5.1 Power On/Off

Press and hold the power button on each unit (receiver and transmitters) to turn them on or off. The OLED display will illuminate upon power-on.

5.2 Channel Selection

The WMicS1 system offers 96 selectable UHF frequencies to minimize wireless signal interference. Use the '+' and '-' buttons on the transmitters and receiver to adjust the channel. Ensure that the receiver and corresponding transmitter are set to the same channel for proper communication. The OLED display will show the current channel and frequency.



Image 5.1: The receiver's OLED display showing channel information, indicating the ability to select from 96 channels to avoid interference.

5.3 Volume Adjustment

The receiver features a 30-level volume adjustment to control the audio output level. Use the dedicated controls on the receiver to set the desired volume for your recording device.

5.4 Headphone Monitoring

Connect headphones to the 'PHONES' jack on the receiver to monitor the audio in real-time. This allows you to ensure a clean signal is being captured, especially if your camera lacks a headphone jack.



Image 5.2: A user monitoring audio through headphones connected to the receiver, which is mounted on a camera, demonstrating real-time sound control.

5.5 Stereo/Mono Switch

The system includes a Stereo/Mono switch, which can be applied to different recording scenarios and facilitates sound post-processing. Refer to the on-screen menu or physical switch on the receiver to select the desired mode.

5.6 Mute Function

A mute function is available to reduce noise disturbance effectively, contributing to broadcast-quality sound. Activate or deactivate the mute function via the controls on the transmitter or receiver as needed.

5.7 Operating Range

The WMicS1 system provides a stable wireless signal with an extended range of up to 100 meters (approximately 330 feet) in optimal conditions.



Image 5.3: Visual representation of the system's extended wireless range, indicating stable signal transmission up to 100 meters (330 feet).

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Remove batteries from the units if they will not be used for an extended period to prevent leakage.
- **Handling:** Handle the units with care to avoid physical damage. Do not drop or expose them to excessive shock.

7. Troubleshooting

7.1 No Audio Output

- **Check Power:** Ensure both the receiver and transmitters are powered on and have sufficient battery charge.
- **Check Connections:** Verify that the lavalier microphones are securely connected to the transmitters and the receiver is correctly connected to your recording device.
- **Check Channel:** Confirm that the receiver and transmitters are set to the same operating channel.
- **Check Volume:** Adjust the volume level on the receiver.
- **Headphone Monitoring:** Use headphones to check if audio is present at the receiver's 'PHONES' output.

7.2 Signal Interference/Dropouts

- **Change Channel:** Select a different operating channel on both the receiver and transmitters to avoid local interference.
- **Reduce Distance:** Ensure the distance between the transmitters and receiver is within the specified operating range (100m/330ft).
- **Obstructions:** Minimize physical obstructions (walls, large metal objects) between the transmitters and receiver.
- **Other Wireless Devices:** Keep the system away from other wireless devices that might operate on similar frequencies.

7.3 Poor Audio Quality

- **Microphone Placement:** Ensure lavalier microphones are positioned correctly for optimal sound capture.
- **Input Level:** Adjust the input gain on the transmitters if available, or the output level on the receiver, to prevent clipping or low signal.
- **Environmental Noise:** Record in a quiet environment to minimize background noise.

8. Specifications

Feature	Detail
Model Number	WMicS1
Microphone Form Factor	Microphone System
Number of Channels	2
Power Source	Battery Powered (AA), USB
Connectivity Technology	USB, Wireless
Connector Type	3.5 mm Jack, USB, XLR
Polar Pattern	Omnidirectional
Audio Sensitivity	42 Decibels
Item Weight	1.83 pounds (0.83 Kilograms)
Product Dimensions	10.5 x 7.9 x 2.9 inches
Color	Black

Recommended Uses	Video Conference, Interviews, Live Streaming, Lectures

9. Warranty and Support

9.1 Warranty Information

The GODOX WMicS1 UFH Wireless Microphone System comes with a Godox 1 Year Limited Warranty. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact GODOX customer support through their official website or the retailer where the product was purchased.