

Moman C1 UK

Moman C1 Wireless Lavalier Microphone System User Manual

Model: C1 UK

1. INTRODUCTION

Thank you for choosing the Moman C1 Wireless Lavalier Microphone System. This professional 2.4GHz wireless microphone system is designed to deliver high-quality audio for a variety of applications, including vlogging, live streaming, field recording, and more. It is compatible with a wide range of devices such as DSLR cameras, camcorders, smartphones, tablets, and PCs.

This manual provides detailed instructions on how to set up, operate, and maintain your Moman C1 system to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

Please check the package carefully to ensure all items are present:

- Receiver (RX) x 1
- Transmitter (TX) x 1
- 3.5mm TRRS Smartphone Cable x 1
- 3.5mm TRS Camera Cable x 1
- 2-in-1 Charging Cable (USB-A to 2x USB-C) x 1
- Lavalier Microphone (with wind muff) x 1
- Mic Windshield x 1
- Carrying Bag x 1

Professional Customer Service

Local Language Service Team



WARRANTY



Reply within 24 hours on working days,
provide solutions until you are satisfied



Receiver (RX) x 1



Transmitter (TX) x 1



3.5mm TRRS
Smartphone Cable x 1



3.5mm TRS
Camera Cable x 1



2-in-1 Charging
Cable x 1



Lavalier Microphone
(with wind muff) x 1



Mic Windshield x 1



Carrying Bag x 1

Image: Overview of the Moman C1 Wireless Microphone system components, including the receiver, transmitter, various cables, lavalier microphone, windshield, and carrying bag.

3. SETUP GUIDE

3.1 Charging the Devices

Before first use, fully charge both the Transmitter (TX) and Receiver (RX) units. Use the provided 2-in-1 charging cable. A full charge takes approximately 1.5 hours and provides up to 8 hours of operation.



Image: Illustration of the Moman C1 Transmitter and Receiver being charged simultaneously, highlighting the battery life and intuitive light

indicators for power and charging status.

3.2 Pairing the Transmitter and Receiver

The Moman C1 units are pre-paired from the factory. If re-pairing is needed:

1. Power on both the Transmitter (TX) and Receiver (RX) by pressing and holding their respective power buttons.
2. The units will automatically attempt to pair. A solid blue indicator light on both units signifies a successful connection.
3. If pairing fails, press the reset button on both units using the small key provided, then power cycle and try again.

3.3 Connecting to Your Device

The Moman C1 is compatible with various recording devices:

- **For DSLR Cameras & Camcorders:** Use the provided 3.5mm TRS Camera Cable. Connect one end to the Receiver's output port and the other end to your camera's microphone input.
- **For Smartphones & Tablets:** Use the provided 3.5mm TRRS Smartphone Cable. Connect one end to the Receiver's output port and the other end to your smartphone's headphone/microphone jack.
- **For PCs:** Depending on your PC's audio ports, you may use either the TRS or TRRS cable. Some PCs may require an external sound card for optimal performance.



Widely-Used Wireless Microphone



Image: Visual representation of the Moman C1 Wireless Microphone system connected to various devices, including a DSLR camera, camcorder, laptop/tablet, and smartphone, demonstrating its wide compatibility.

3.4 Attaching the Lavalier Microphone

Connect the lavalier microphone to the 3.5mm input jack on the Transmitter (TX). For outdoor use or to reduce plosives, attach the included mic windshield to the lavalier microphone.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button on both the Transmitter (TX) and Receiver (RX) for a few seconds to turn them on or off.

4.2 Gain Control

The Receiver (RX) features a 4-level gain control, allowing you to adjust the audio output level up to +8dB. Press the gain control button on the Receiver to cycle through the levels (0, 1, 2, 3, 4) to optimize the audio for your recording environment and device.

Variable Gain Control for Audio Optimization



Image: Close-up of the Moman C1 Receiver demonstrating the 4-level variable gain control, which allows users to adjust audio input levels for optimal sound quality.

4.3 Low-Cut Filter

The Moman C1 incorporates an optional 180Hz low-cut filter. This feature helps to reduce unwanted low-frequency noises

such as wind, air conditioning hum, or traffic sounds, ensuring clearer audio recordings. Refer to the device's indicator lights or manual for activation.



Image: Depiction of the Moman C1's internal DSP technology and the 180Hz optional low-cut filter, illustrating how it helps deliver superior sound by filtering out low-frequency noise.

4.4 Real-time Monitoring

The Receiver (RX) is equipped with a 3.5mm TRS headphone jack, allowing you to monitor your audio in real-time during recording. This ensures you can adjust levels and check for any issues as they occur.

4.5 Transmission Range

The Moman C1 operates on the 2.4GHz frequency band, providing stable and interference-free signal transmission up to a range of 70 meters (230 feet) in line-of-sight (LOS) conditions, with a low latency of 12.5ms.

230ft/70m Synchronous Transmission



Image: Illustrates the 230ft/70m synchronous transmission range of the Moman C1 wireless microphone system, showing the transmitter and receiver maintaining connection over a distance.

4.6 Indicator Lights

Both the Transmitter and Receiver units feature intuitive indicator lights that signal various operational statuses:

- **Solid Blue:** Paired and connected.
- **Flashing Blue:** Searching for connection.
- **Red:** Mute activated (on Transmitter).
- **Green (with Blue):** Low battery, requires charging.
- **Solid Green:** Charging in progress.
- **Green (off when charged):** Fully charged.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Moman C1 Wireless Microphone System, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the system in the provided carrying bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, charge the batteries to approximately 50% every three months to prevent deep discharge and extend battery life.
- **Avoid Moisture:** Keep the units away from water and high humidity.
- **Handle with Care:** Avoid dropping or subjecting the units to strong impacts.

6. TROUBLESHOOTING

If you encounter issues with your Moman C1 system, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or low sound output.	Units not powered on. Not properly paired. Incorrect cable connection. Gain level too low. Device input level too low. Lavalier mic not connected or faulty.	Ensure both TX and RX are powered on. Check indicator lights for successful pairing (solid blue). Re-pair if necessary. Verify correct cable (TRS for camera, TRRS for smartphone) is used and securely connected. Increase gain level on the Receiver (RX). Adjust microphone input level on your recording device. Ensure lavalier mic is fully inserted into the TX unit. Test with another mic if available.
Interference or poor sound quality.	Beyond transmission range. Obstructions between TX and RX. Strong 2.4GHz interference. Low-cut filter not activated (if needed).	Reduce distance between TX and RX. Ensure clear line-of-sight. Move away from Wi-Fi routers, other 2.4GHz devices. Activate the 180Hz low-cut filter to reduce ambient noise.
Units not charging.	Charging cable or adapter faulty. Charging port dirty.	Try a different USB power adapter or cable. Gently clean the USB-C charging port.

7. SPECIFICATIONS

Feature	Detail
Brand	Moman
Model Name	MO-C1-UK
Microphone Form Factor	Lavalier Microphone
Connectivity Technology	Auxiliary, UHF (2.4 GHz)
Connector Type	3.5mm Jack
Polar Pattern	Omnidirectional
Audio Sensitivity	-30 dB
Signal-to-Noise Ratio	78 dB
Frequency Range	2.4 GHz
Sound Level	8 dB
Power Source	Battery Powered
Battery Type	1 Lithium-ion (included)
Rechargeable Battery	Yes
Material	Polycarbonate
Color	Black
Number of Channels	1
Hardware Platform	Camera, Camcorder
Special Features	Variable gain control for audio optimization
Recommended Uses	For live streaming, vlogging, and field shooting.
Compatible Devices	Smartphones, DSLR, Camcorders, Tablets

8. WARRANTY AND SUPPORT

Moman offers a **365-day warranty** for the C1 Wireless Lavalier Microphone System. As a customer-focused company, Moman is committed to providing professional customer service.

For any inquiries, technical support, or warranty claims, please contact our customer service team. We aim to respond to emails within 24 hours on working days and provide solutions until you are satisfied.

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Image: Depicts Moman's commitment to professional customer service, highlighting the 365-day warranty and the promise of responding to inquiries within 24 working hours.

