

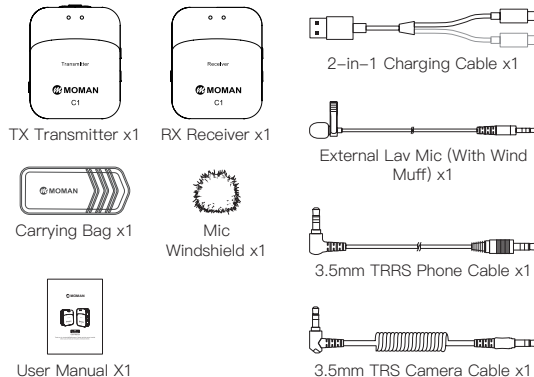
C1 Microphone User Manual

Thank you for choosing MOMAN product. Please read this manual carefully before use and follow all instructions mentioned herein.

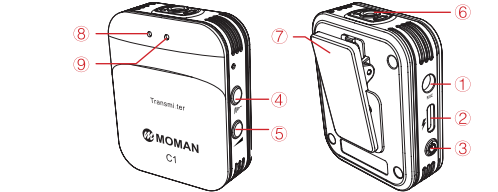
Caring For Your MOMAN Product

- Please keep the product in a dry, clean, dust-free environment.
- Keep corrosive chemicals, liquids and heat source away from the product to prevent mechanics damage.
- Use only a soft and dry cloth for cleaning the product.
- Malfunction may be caused by dropping, impact of external force.
- Do not attempt to disassemble the product. Doing so voids warranty.
- Please have the product checked or repaired by authorized technicians if any malfunctions happened.
- Failure to follow all the instructions may result in mechanics damage.
- Warranty does not apply to human errors.

Package List

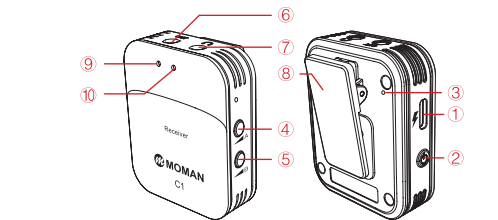


Product Introduction



1. TX Transmitter

- ① External Mic Input
- ② USB-C Port
- ③ Power Button
- ④ Noise Reduction
- ⑤ Gain Adjustment of TX
- ⑥ Built-in Mic
- ⑦ Magnet Pocket Clip
- ⑧ Paring Indicator
- ⑨ Power Indicator



2. RX Receiver

- ① Type-C Charging Port / Digital Output
- ② On/ Off Button (Mono / Stereo / Protected Channel)
- ③ Contacts
- ④ Gain Adjustment of TX A
- ⑤ Gain Adjustment of TX B
- ⑥ 3.5mm Audio Output
- ⑦ 3.5mm Monitoring Jack
- ⑧ Magnet Pocket Clip
- ⑨ Pairing Indicator
- ⑩ Power Indicator

Indicator – TX

Pairing Indicator	● Blue Slow Flashes	Unpaired
	● Blue Keeps on	Paired (with Mute & Noise Reduction off)
	● Red Keeps on	Mute on
	● Blue & Red Both on	Noise Reduction on
Power Indicator	● Green Keeps on	Charging (Turns off when fully charged)
	● Green Flashes	Warning of low battery

Indicator – RX

Pairing Indicator	● Blue Slow Flashes	Unpaired
	● Blue Keeps on	Paired (Mono Channel)
	● Red Keeps on	Stereo Mode
	● Blue & Red Both on	Protection Channel Mode (R channel with less than 6dB)
Power Indicator	● Green Keeps on	Charging (Turns off when fully charged)
	● Green Flashes	Warning of low battery

Operations

1. Power On/ Off

Power On

The TX and RX automatically turn on when long press the power button for 3 seconds, and the blue status indicator light up.

Power Off

The TX and RX automatically turn off when long press the power button

for 3 seconds, and the red status indicator light off.

2. Pairing

Automatic Pairing

Automatically pairing after the TX/RX turns on.

Manual Pairing

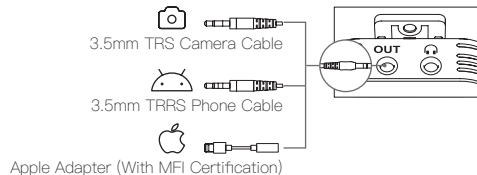
- (1) Long press the power button for 8 seconds while the TX is powered off until the blue pairing indicator flashes.
- (2) Long press the power button for 8 seconds while the RX is powered off until the blue /red/ green pairing indicators flashes.
- (3) The blue light keeps on when the TX successfully paired. (And the red, green and blue pairing indicators on the RX flash for about 1 minute , and the blue light keeps on when exit the pairing state).

3. Channel output connection

① 3.5mm OUT output

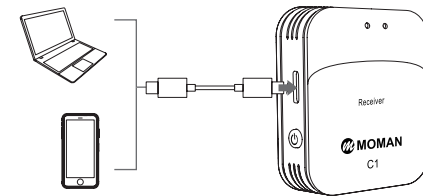
The receiver outputs the audio signal to the recording device via either a 3.5mm TRRS phone cable or a 3.5mm TRS camera cable. Please use the appropriate cable according to your device.

(Note: When using an external microphone, please insert it correctly into the microphone input jack. Only TRS interface microphones are supported.)



② Type-C port digital output

The receiver Type-C port has a digital output function, which can directly use the Type-C to Type-C cable to output mobile phones or computers and other devices.

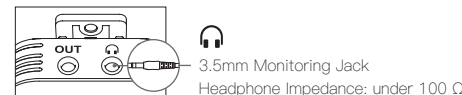


***Note:** When connecting the computer, enter the sound Settings and set the input microphone to MOMAN C1 to use C1 recording; Set the output speaker to MOMAN C1 to use real-time ear return in the receiver listening interface.

Output	Input
Choose your output device	Choose your input device
MOMAN C1	MOMAN C1

4. Real-time monitoring

The 3.5mm monitoring port of the receiver supports digital monitoring, which can simultaneously monitor the sound source of the transmitter and the input sound source of the device.



3.5mm Monitoring Jack
Headphone Impedance: under 100 Ω

5. Volume Control

- ① Press the power button on the TX to turn on/off the mute. When mute is on, the red pairing indicator on the TX keeps on.
- ② Short press the gain adjustment button of the TX to adjust the volume for 4 levels.
- ③ Short press the gain adjustment of A/B TX buttons on the RX to adjust the volume of A/B TX.

6. Noise Reduction

Short press the noise reduction button on the TX to turn on/off the noise reduction function. When the noise reduction on, the red and blue indicator light on the TX status light up at the same time.

7. Switch the Channel Mode

Short press the power button on the RX to switch the mono/stereo/protected channel mode.

Default mono mode. When switching to stereo mode, the red pairing indicator light keeps on. When switching the protection channel mode, the blue&red pairing indicator lights light on at the same time.

8. Charging

Connect the charging cable through Type-C port of TX and RX, and fully charged in about 2 hours.

(Note: The grey end of the 2-in-1 charging cable included in the package can be used for digital output.)

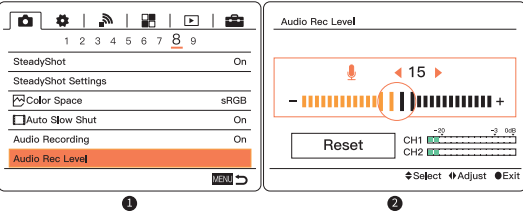
9. Mic Windshield & Device Installation



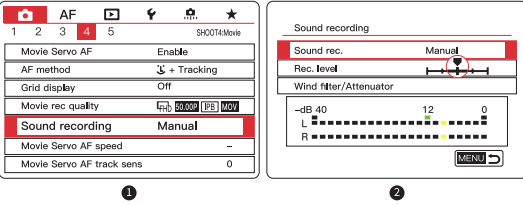
10.Setting The Recording Level Correctly

Camera devices generally have poor-quality, noisy preamps. In order to get the cleanest signals possible, it is highly recommended that you set the recording level on your camera quite low, 1/2 or 1/3 of it. MOMAN C1 provides variable gain control, allowing you to tailor your levels to just about environment and recording device.

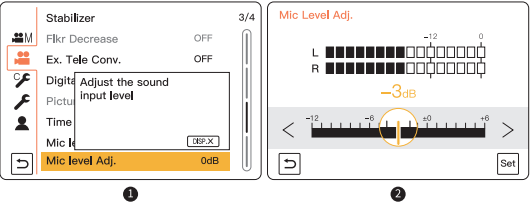
Adjust the recording level of inbuilt mics for SONY Camera
(Take A7S II for example)



Adjust the recording level of inbuilt mics for Canon Camera
(Take EOS 5D Mark IV for example)



Adjust the recording level of inbuilt mics for Panasonic Camera
(Take LUMIX GH5 for example)



Specifications

TX Transmitter

Wireless Transmission	Digital 2.4GHz
RF Frequency Band	2400~2483.5MHz
Working Distance	656ft/200m (LOS area), 164ft/50m (NLOS area)
Mounting	Pocket Clip
Audio Input	3.5 mm TRS Mic Input
Power Requirements	5V 1A
Battery Type	Built-in Lithium Battery, 400mAh
Battery Charging Time	2H
Battery Life	8H
Dimensions	52*42*16mm
Material	ABS
Weight	35g

RX Receiver

Wireless Transmission	Digital 2.4GHz
RF Frequency Band	2400~2483.5MHz
Working Distance	656ft/200m (LOS area), 164ft/50m (NLOS area)
Latency	20ms
Mounting	Pocket Clip
Number of Audio Channels	2
Audio Output	3.5 mm TRS Mic Output 3.5 mm TRS Headphone Output Type-C Output

Gain	1~40dB
Power Requirements	5V 1A
Battery Type	Built-in Lithium Battery, 400mAh
Battery Charging Time	2H
Battery Life	8H
Dimensions	52*42*16mm
Material	ABS
Weight	35g

Microphone

Form Factor	Built-in/External Mic
Polar Pattern	Omnidirectional
Frequency Range	50Hz~20KHz
Sensitivity	-40dB (±3 dB, re 1V/Pa at 1KHz)
Maximum SPL	120dB SPL (at 1KHz)

Warranty

Warranty rules

1. From the date of purchase, the product will be replaced within one month if quality problems occur, and guaranteed within one years.
2. Within the warranty period, any defect originating from the quality of the product, we offer free repair or replacement of spare parts.

Please note the following circumstances are not within the scope of the maintenance.

1. Produce malfunction or damage caused by failure to install, use, maintain or store according to the instructions.
2. Alteration/ tearing off of product labels, or product damage caused by disassembly / maintenance without authorization.
3. The warranty period has expired.
4. Product damage due to force major factors(such as earthquake, flood, fire, lightning strike, etc.) or artificial damage.

Disclaimer

Our company does not assume any responsibility for product damage or any other accidents caused by product overheating or short circuit caused by failure to follow instructions in this manual.

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