

Zwide M3_CL(2to2)+C3

Zwide Wireless Lavalier Microphone M3-CL(2to2)+C3 User Manual

1. INTRODUCTION

Thank you for choosing the Zwide M3-CL(2to2)+C3 Wireless Lavalier Microphone system. This manual provides detailed instructions for the setup, operation, and maintenance of your new wireless microphone kit. This system is designed for high-quality audio recording with mobile devices, offering convenience and portability for various applications such as vlogging, live streaming, interviews, and video conferencing.

The Zwide M3-CL(2to2)+C3 includes two transmitters (TX), one USB-C receiver (RX), one Lightning receiver (RX), and a portable charging case, ensuring compatibility with both Android and Apple iPhone devices.

2. PACKAGE CONTENTS

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

- 2 x Transmitter (TX)
- 1 x USB-C Receiver (RX)
- 1 x Lightning Receiver (RX)
- 1 x Charging Case
- 2 x Windscreen
- 2 x Magnetic Clip
- 1 x Charging Case Cable (USB-A to USB-C)
- 2 x 3.5mm TRRS Monitor Earphone
- 1 x Storage Box
- 1 x User Manual



Figure 2.1: All components included in the Zwide M3-CL(2to2)+C3 package.

3. PRODUCT OVERVIEW

The Zwide M3-CL(2to2)+C3 system consists of several key components:

- **Transmitter (TX):** This is the microphone unit worn by the speaker. It features a built-in microphone, a display for battery and status, control buttons, and a magnetic clip for attachment.
- **Receiver (RX):** This unit connects to your recording device (smartphone, tablet, laptop). The package includes both a USB-C RX and a Lightning RX for broad compatibility. It receives audio wirelessly from the TX.
- **Charging Case:** A portable case that charges and stores the transmitters and receivers. It also provides extended battery life for the system.



Figure 3.1: Zwide M3-CL(2to2)+C3 Wireless Lavalier Microphone System.

3.1 Transmitter (TX) Features

- **Display Screen:** Shows battery level, connection status, and gain level.
- **Power/Mute Button:** Press and hold to power on/off. Short press to mute/unmute the microphone.
- **Gain Control Buttons (+/-):** Adjust microphone input sensitivity (5 levels).
- **ENC Button:** Activates/deactivates Environmental Noise Cancellation (3 levels).
- **Magnetic Clip:** For secure attachment to clothing.



Figure 3.2: Transmitter (TX) with display and controls.

3.2 Receiver (RX) Features

- **USB-C / Lightning Connector:** Plugs directly into your smartphone, tablet, or compatible device.
- **3.5mm Monitoring Port:** Allows real-time audio monitoring using the included earphones.
- **Status Indicator Light:** Shows connection status.



Figure 3.3: Receiver (RX) unit.

4. SETUP

4.1 Initial Charging

Before first use, ensure all components are fully charged. Place the transmitters (TX) and receivers (RX) into the charging case. Connect the charging case to a power source using the provided USB-A to USB-C cable. The indicator lights on the charging case will show charging status.

4.2 Connecting the Receiver (RX)

1. Select the appropriate receiver (USB-C for Android/other USB-C devices, Lightning for Apple iPhones/iPads).
2. Plug the chosen receiver directly into the charging port of your recording device. The receiver's indicator light will flash, then turn solid when ready.

4.3 Powering On the Transmitter (TX) and Automatic Pairing

1. Take the transmitter(s) out of the charging case. The TX will automatically power on.
2. The TX and RX units are designed to pair automatically upon power-on. The TX display will show a connection icon when successfully paired.
3. If pairing does not occur automatically, ensure both units are charged and within range. Power cycle both units if necessary.

4.4 Attaching the Transmitter (TX)

Attach the transmitter to your clothing using the integrated magnetic clip. For optimal audio quality, position the microphone approximately 6-8 inches (15-20 cm) from your mouth. You can also use the included windscreen to reduce plosives and wind noise.



Figure 4.1: Transmitter attached to clothing.

4.5 Audio Monitoring

For real-time audio monitoring, plug the included 3.5mm TRRS earphones into the monitoring port on the receiver (RX) unit. This allows you to hear the audio being recorded.



Figure 4.2: Receiver connected to a smartphone with monitoring earphones.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Power On:** The TX units power on automatically when removed from the charging case.
- **Power Off:** Place the TX units back into the charging case, or press and hold the Power/Mute button on the TX for approximately 3 seconds.

5.2 Mute Function

To temporarily stop audio transmission without powering off the microphone, short press the Power/Mute button on the TX. The display will indicate mute status. Press again to unmute.

5.3 Gain Control

The transmitter features 5 levels of gain adjustment to optimize audio input sensitivity for different environments and speaking volumes. Use the '+' and '-' buttons on the TX to cycle through the gain levels. Adjust the gain to prevent audio clipping (distortion) or to boost quiet signals.

5.4 Environmental Noise Cancellation (ENC)

The Zwide M3-CL(2to2)+C3 includes 3 levels of Environmental Noise Cancellation (ENC) to reduce background noise. Press the ENC button on the TX to activate and cycle through the different levels of noise reduction. Choose the level that best suits your recording environment.

5.5 Real-Time Power Display

The TX unit features a display that shows the current battery level, allowing you to monitor the remaining power during use.

5.6 Omnidirectional Pickup

The microphone utilizes an omnidirectional pickup pattern, capturing sound equally from all directions. This is ideal for interviews or situations where the sound source may move.



Figure 5.1: Key operational features of the Zwide M3-CL(2to2)+C3.

6. CHARGING

The Zwide M3-CL(2to2)+C3 system is designed for extended use with its charging case.

- **Transmitter Battery Life:** Each TX unit provides approximately 4.5 hours of continuous operation on a full charge.
- **Charging Case:** The portable charging case extends the total battery life of the system up to 19 hours. It has a 2000mAh capacity.
- **Charging Process:** Place the TX and RX units into their respective slots in the charging case. Connect the charging case to a standard USB power adapter (not included) using the provided USB-C cable. The indicator lights on the case will show the charging status.
- **Charging Time:** A full charge for the TX units and the charging case typically takes a few hours.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone units and charging case. Avoid using liquids or abrasive cleaners.
- **Storage:** When not in use, store the microphone system in its charging case to protect it from dust and damage, and to keep it charged.
- **Battery Care:** To prolong battery life, avoid fully discharging the units frequently. Recharge regularly, especially if storing for extended periods.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	TX or RX not powered on; Not paired; Low battery; Muted TX; Incorrect gain setting; Device volume too low.	Ensure TX and RX are powered on and paired. Check battery levels. Unmute TX. Adjust gain on TX. Increase recording device volume.
Distorted audio	Gain setting too high; Microphone too close to mouth; Strong background noise.	Reduce gain on TX. Position microphone further from mouth. Activate or adjust ENC level.
Intermittent connection or dropouts	Out of range; Interference; Low battery.	Ensure TX and RX are within the operational range (up to 50m/164ft). Avoid obstacles. Recharge units.
TX not pairing with RX	Units not powered on; Low battery; Pairing error.	Ensure both TX and RX are powered on and charged. Power cycle both units. If issues persist, refer to the manufacturer's support.
Charging case not charging	Cable not connected properly; Faulty cable/adaptor; Power source issue.	Check cable connections. Try a different USB-C cable and power adapter. Ensure power source is active.

9. SPECIFICATIONS

Feature	Detail
Model Name	M3_CL(2to2)+C3

Feature	Detail
Brand	Zwide
Microphone Form Factor	Lavalier
Polar Pattern	Omnidirectional
Connectivity Technology	2.4GHz Wireless Frequency Modulation Technology
Connector Type	Lightning, USB Type-C
Compatible Devices	Laptop/Desktop, PC/Personal Computer, Smartphone, Tablet/Smartphone, iPhone/iPad/iPod Touch
Audio Sensitivity	42 Decibels
Impedance	2.2 Kiloohms
Signal-to-Noise Ratio	73 dB
Frequency Response	100 Hz (Note: This value seems incomplete, typically a range is provided)
Number of Channels	78
Power Source	Battery Powered (Lithium Polymer)
TX Battery Life	Approx. 4.5 hours
Charging Case Battery Life	Up to 19 hours additional (2000mAh capacity)
Item Weight (TX)	0.55 oz / 15.5 g
Item Weight (Total)	6 ounces / 170.7 Grams
Product Dimensions	3.54 x 2.64 x 1.38 inches
Material	Acrylonitrile Butadiene Styrene, Plastic, Polycarbonate
Special Features	2000mAh Charging Case, 24h Total Battery Life, 3 Levels ENC Noise Cancellation, 50m (164 ft.) Long Range Transmission, Magnetic Clip & Rechargeable, Power Screen

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact Zwide customer support.

For technical support, troubleshooting assistance, or inquiries regarding your Zwide M3-CL(2to2)+C3 Wireless Lavalier Microphone system, please contact Zwide customer service through the retailer where the product was purchased or visit the official Zwide website for contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question