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> [zaMel ETERO RWS-211 C/N Solo 4-Channel Wireless Power Switch Instruction Manual](#)

zaMel RWS-211 C/N Solo

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the zaMel ETERO RWS-211 C/N Solo 4-Channel Wireless Power Switch. Please read this manual thoroughly before using the device to ensure safe and efficient operation. This device is designed for independent control of up to four electrical circuits wirelessly.

2. SAFETY INFORMATION

WARNING: Electrical installation should only be performed by a qualified electrician. Incorrect installation can lead to electric shock, fire, or damage to the device.

- Always disconnect power before installation or maintenance.
- Ensure the device is installed in a location that complies with local electrical codes.
- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- This device operates at 250 Volts. Handle with care.
- The device is waterproof, but ensure all cable glands are properly sealed during installation to maintain its water resistance.

3. PRODUCT OVERVIEW

The zaMel ETERO RWS-211 C/N Solo is a robust 4-channel wireless power switch designed for both indoor and outdoor applications. It allows for the independent control of up to four separate electrical circuits when paired with a compatible wireless remote control (remote control not included with this unit). Its long-range capability of up to 350 meters in open air provides flexible control options.

3.1 Package Contents

- 1 x zaMel ETERO RWS-211 C/N Solo 4-Channel Wireless Power Switch (receiver unit)

Note: A compatible wireless remote control (transmitter) is required for operation and is sold separately.

3.2 Device Features

- Independent control of up to 4 circuits.
- Suitable for indoor and outdoor use.
- Long range up to 350 meters in open air.
- Waterproof design.
- Operates on 250 Volts AC/DC.



Figure 1: Front view of the zaMel ETERO RWS-211 C/N Solo receiver unit, showing the antenna, power indicator (230V~), channel

indicators (K1, K2, K3, K4), and four cable glands at the bottom for circuit connections.

4. SETUP

4.1 Installation Location

Choose a suitable location for the receiver unit, considering the desired range for your remote control and proximity to the circuits you wish to control. While the device is waterproof, mounting it in a sheltered location can extend its lifespan. Ensure the antenna has a clear line of sight for optimal signal reception.

4.2 Wiring Instructions

IMPORTANT: Disconnect all power to the installation area before proceeding with wiring. Consult a qualified electrician if you are unsure about any steps.

1. Open the housing of the RWS-211 C/N Solo unit by unscrewing the four corner screws.
2. Identify the power input terminals and the four output terminals (K1, K2, K3, K4).
3. Connect the main power supply (250V AC/DC) to the designated input terminals.
4. Connect each circuit you wish to control to its respective output terminal (K1, K2, K3, or K4). Ensure proper polarity and secure all connections.
5. Feed all cables through the waterproof cable glands at the bottom of the unit. Tighten the glands securely to maintain the device's waterproof rating.
6. Close the housing and fasten the four corner screws.
7. Reconnect power to the installation area.

4.3 Pairing with Remote Control

This RWS-211 C/N Solo unit is a receiver. To operate it, you will need a compatible zaMel wireless remote control (transmitter), which is sold separately. The pairing procedure typically involves a sequence of button presses on the receiver unit and the remote control. Refer to the instruction manual provided with your specific zaMel remote control for detailed pairing instructions. Generally, a learning button or mode on the receiver is activated, followed by transmitting a signal from the remote control to establish the connection for each channel.

5. OPERATION

Once the RWS-211 C/N Solo receiver is installed and successfully paired with your zaMel wireless remote control, you can operate your connected circuits.

- Each button on your remote control, once paired, will correspond to one of the four channels (K1, K2, K3, K4) on the receiver.
- Pressing the corresponding button on the remote will toggle the state of the connected circuit (ON/OFF).
- The LED indicators (K1, K2, K3, K4) on the receiver unit will illuminate when their respective channels are active (ON).
- The "230V~" indicator light confirms that the unit is receiving power.

The effective operating range is up to 350 meters in open air. Obstacles such as walls, metal structures, and other electronic devices can reduce this range.

6. MAINTENANCE

6.1 Cleaning

To clean the exterior of the device, use a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the housing. Ensure the device is powered off before cleaning.

6.2 Environmental Considerations

The RWS-211 C/N Solo is designed for both indoor and outdoor use and is waterproof. However, regular inspection of the cable glands and housing for any signs of wear or damage is recommended, especially in harsh outdoor environments, to maintain its waterproof integrity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not responding to remote control.	<ul style="list-style-type: none"> Remote control not paired. Remote control batteries are low or dead. Out of range. Interference from other devices. 	<ul style="list-style-type: none"> Refer to your remote control's manual for pairing instructions. Replace remote control batteries. Move closer to the receiver unit. Relocate the receiver or remote to minimize interference.
No power indicator light (230V~).	<ul style="list-style-type: none"> No power supply to the unit. Incorrect wiring. 	<ul style="list-style-type: none"> Check the main power supply and circuit breaker. Verify wiring connections (refer to Section 4.2).
One or more channels not working.	<ul style="list-style-type: none"> Channel not properly paired. Faulty wiring to the specific circuit. 	<ul style="list-style-type: none"> Re-pair the specific channel with your remote control. Check wiring for the affected circuit.

If you continue to experience issues, please contact zaMel customer support.

8. SPECIFICATIONS

Brand	zaMel
Model Number	RWS-211 C/N Solo
Number of Channels	4
Voltage	250 Volts
Power Type	AC/DC
Water Resistance Level	Waterproof (Étanche)
Dimensions (L x W x H)	6 x 16 x 8 cm
Weight	692 grams
Operating Range (Open Air)	Up to 350 meters
Components Included	4-channel radio switch RWS-211C/N without remote control

Country of Origin	Germany
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9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official zaMel website. If you require technical assistance or have questions regarding the operation of your RWS-211 C/N Solo, please contact zaMel customer service.

Contact Information: Please visit www.zamel.com for support and contact details.