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› [Sygonix SY-RSL-R3 SY-3523486 Recessed RSL Switch Instruction Manual](#)

sygonix SY-3523486

Sygonix SY-RSL-R3 SY-3523486 Recessed RSL Switch Instruction Manual

Model: SY-3523486

1. PRODUCT OVERVIEW

The Sygonix SY-RSL-R3 SY-3523486 is a recessed RSL switch designed for controlling electrical devices wirelessly. It offers a maximum switching power of 2000 W and operates with a maximum range of 70 meters in open field conditions. This device is suitable for integration into existing electrical installations.



Figure 1: Front view of the Sygonix SY-RSL-R3 SY-3523486 Recessed RSL Switch. This image shows the compact white housing with the Sygonix logo and two pre-attached wires.

Key Features:

- Recessed installation for discreet integration.
- Maximum switching power of 2000 W.
- Wireless operation with a range of up to 70 meters (open field).
- Compact design (25 x 49 x 49 mm).
- Durable plastic material.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before installing or operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Installation and maintenance must only be performed by a qualified electrician. Ensure the main

power supply is disconnected before any installation or wiring work.

- **Intended Use:** This device is designed for controlling electrical loads up to 2000 W. Do not exceed the maximum load capacity.
- **Environment:** The device has an IP67 rating, indicating protection against dust and temporary immersion in water. However, avoid exposing it to extreme temperatures, direct sunlight, or corrosive environments.
- **Children:** Keep the device and packaging materials out of reach of children.
- **Damage:** Do not operate the device if it appears damaged. Contact support for assistance.

3. SETUP AND INSTALLATION

This section provides instructions for the proper installation and initial setup of your Sygonix RSL switch.

3.1 Wiring

1. **Disconnect Power:** Before beginning any wiring, ensure the main power supply to the circuit is turned off at the circuit breaker. Verify with a voltage tester.
2. **Identify Wires:** Identify the live (L), neutral (N), and load wires for the device you intend to control.
3. **Connect Input:** Connect the incoming live and neutral wires to the corresponding input terminals on the switch. Refer to the wiring diagram on the device or in Figure 2.
4. **Connect Output:** Connect the load wire (to the device) and the neutral wire to the output terminals of the switch.
5. **Secure Connections:** Ensure all wire connections are secure and properly insulated.



Figure 2: Back view of the Sygonix SY-RSL-R3 SY-3523486 Recessed RSL Switch, showing the wiring terminals. The terminals are clearly labeled for input and output connections.

3.2 Recessed Installation

1. After wiring, carefully place the switch into the recessed box or cavity.
2. Ensure there is adequate space and no wires are pinched or damaged.
3. Secure the switch in place if necessary, following local electrical codes.
4. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

3.3 Pairing with RSL Remote Control (if applicable)

To operate the switch wirelessly, it must be paired with a compatible RSL remote control (sold separately). Refer to your RSL remote control's manual for specific pairing instructions. Generally, the process involves:

1. Put the RSL switch into pairing mode (often by pressing a small button on the device or cycling power).
2. Activate the pairing function on your RSL remote control.

3. Confirm successful pairing (e.g., the connected light flashes).

4. OPERATING INSTRUCTIONS

Once installed and paired, the Sygonix RSL switch can be operated using a compatible RSL remote control.

- **On/Off Function:** Use the designated ON/OFF buttons on your RSL remote control to switch the connected device on or off.
- **Range:** The effective operating range is up to 70 meters in open field conditions. Obstacles such as walls, ceilings, and other electronic devices can reduce this range.
- **Operational Mode:** The switch supports an On-off-on operational mode, allowing for simple toggling of connected devices.

5. MAINTENANCE

The Sygonix RSL switch requires minimal maintenance.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the surface of the device. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the wiring and connections for any signs of wear or damage. If any damage is found, disconnect power immediately and consult a qualified electrician.

6. TROUBLESHOOTING

If you encounter issues with your Sygonix RSL switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not respond to remote control.	No power to the switch. Switch not paired with remote. Remote control battery low. Out of range.	Check circuit breaker and wiring. Re-pair the switch with the remote control (refer to Section 3.3). Replace remote control batteries. Move closer to the switch.
Connected device does not turn on/off.	Incorrect wiring. Overload on the switch. Faulty connected device.	Verify wiring according to Section 3.1. Ensure connected load does not exceed 2000 W. Test the connected device directly.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	SY-3523486
Brand	Sygonix
Product Dimensions (LxWxH)	25 x 49 x 49 mm
Weight	40 grams



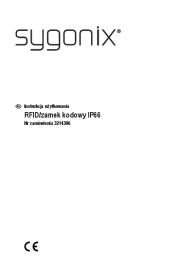
Feature	Specification
Maximum Switching Power	2000 W
Maximum Range	70 m (open field)
Material	Plastic
Operational Mode	On-off-on
International Protection Rating	IP67


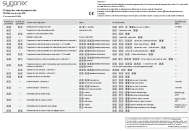
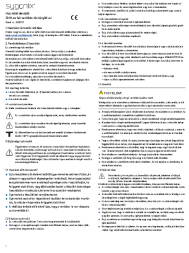
8. WARRANTY AND SUPPORT

Sygonix products are manufactured with quality and reliability in mind. For information regarding warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Sygonix website.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Sygonix customer service or visit the [Sygonix Brand Store](#).

Related Documents - SY-3523486

	<p>Sygonix 2252484 Interruttore della Luce con Timer: Manuale Utente e Istruzioni</p> <p>Manuale utente completo per l'interruttore della luce digitale Sygonix 2252484, che copre installazione, programmazione, funzioni come conto alla rovescia e commutazione casuale, sicurezza e smaltimento. Questo dispositivo consente il controllo automatizzato dei dispositivi elettrici in base a orari prestabiliti.</p>
	<p>Sygonix SY-RS-200 Smart Wi-Fi Socket: Operating Instructions and Safety Information</p> <p>Comprehensive operating instructions and safety guidelines for the Sygonix SY-RS-200 Smart Wi-Fi Socket, detailing setup, usage, and technical specifications.</p>
	<p>Instrukcja obsługi zamka kodowego RFID/IP66 Sygonix</p> <p>Instrukcja obsługi dla zamka kodowego RFID/IP66 Sygonix, zawierająca informacje o montażu, podłączaniu, programowaniu i bezpieczeństwie.</p>

	<p>Sygonix LED Tube Light Dismantling Instructions</p> <p>Step-by-step guide for safely dismantling a Sygonix LED tube light, item number 2525882. Includes recommendations and detailed instructions.</p>
	<p>Sygonix RFID/Code Lock IP66 Programming Codes Overview</p> <p>This document provides an overview of the programming codes for the Sygonix RFID/Code Lock IP66, detailing configuration functions, input formats, and default parameters.</p>
	<p>Sygonix 50W Wall Fan with Remote Control User Manual</p> <p>This user manual provides instructions for the Sygonix 50W Wall Fan with Remote Control (Order No. 3330717). It covers intended use, safety precautions, assembly, operation, cleaning, maintenance, and technical specifications.</p>