sygonix®

Operating instructions

RSL wireless remote control

Item no. 1761749

CE

Latest operating instructions

Download the latest operating instructions via the link www.conrad.com/downloads or scan the QR code shown. Follow the instructions on the website.

Explanation of symbols

⚠ An exclamation mark in a triangle indicates important instructions in this operating manual that absolutely have to be observed.

→ The arrow symbol indicates specific tips and advice on operation.

Delivery content

• RSL wireless remote control
• Battery 12 V/23 A
• Operating instructions

Intended use

With the radio remote-control switch, devices within the RSL-system (or that are attached to consumers) can be wirelessly enabled or disabled. The RSL system dimmer can also be controlled with the radio remote control.

The wireless remote control is powered by a type "23A" 12 V battery.

It is intended for indoor use only. Do not use it outdoors. Contact with moisture, e.g. in bathrooms, must be avoided under all circumstances.

For safety and approval purposes, you must not rebuild and/or modify this product. If you use the product for purposes other than those described above, the product may be damaged. In addition, improper use can cause hazards such as short circuiting, fire etc. Read the instructions carefully and keep them. Make this product available to third parties only together with its operating instructions.

This product complies with the statutory national and European requirements. All company names and product names are trademarks of their respective owners. All rights reserved.

Safety instructions

⚠ **Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling in this manual, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.**

a) General

• The device is not a toy. Keep it out of the reach of children and pets.
• Do not leave packaging material lying around carelessly. This may become dangerous playing material for children.

• Protect the product from extreme temperatures, direct sunlight, strong jolts, high humidity, moisture, flammable gases, vapours and solvents.
• Do not place the product under any mechanical stress.
• If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. Safe operation can no longer be guaranteed if the product:
  - is visibly damaged,
  - is no longer working properly,
  - has been stored for extended periods in poor ambient conditions or
  - has been subjected to any serious transport-related stresses.
• Please handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.
• Do not use this product in hospitals or medical institutions. Although the wireless remote control transmitter emits only relatively weak wireless signals, these may lead to malfunction of life-support systems. The same may be the case in other areas.
• Consult an expert when in doubt about operation, safety or connection of the device.
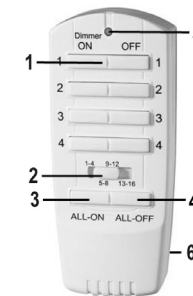• Maintenance, modifications and repairs are to be performed exclusively by an expert or at a qualified shop.
• If you have questions which remain unanswered by these operating instructions, contact our technical support service or other technical personnel.

b) Batteries

• Correct polarity must be observed while inserting the battery.

• The battery should be removed from the device if it is not used for a long period of time to avoid damage through leaking. Leaking or damaged batteries might cause acid burns when in contact with skin, therefore use suitable protective gloves to handle corrupted batteries.
• Batteries must be kept out of reach of children. Do not leave batteries lying around, as there is risk, that children or pets swallow them.
• Batteries must not be dismantled, short-circuited or thrown into fire. Never recharge non-rechargeable batteries. There is a risk of explosion!

Operating elements

1 Keypad for switching channels 1 to 4 (left column "ON" = On, right column "OFF" = Off)

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2 Slide switch for 4 switch groups

There are a total of 16 wireless receivers (e.g., radio controlled socket) which can be programmed. The 16 wireless receivers are divided into 4 control groups: 1-4, 5-8, 9-12, 13-16

3 "ALL-ON" button

By pressing this key, all recipients in the selected groups are activated / switched on.

4 "ALL-OFF" button

By pressing this key, all recipients in the selected groups are deactivated / switched off.

5 LED lights up when the button is pressed

6 Battery compartment on the back, for a type "23A" battery

Inserting/Replacing the Batteries

• Open the battery compartment **(6)** on the back of the remote control.
• Insert a type "23A" battery into the battery compartment, observing the correct polarity (see the plus/+ and minus / - label in the battery compartment and on the battery).
• Close the battery compartment.
• A battery change is required if the range of the radio remote control decreases significantly or the LED **(5)** does not light up anymore when the buttons are pressed.

Operation

a) Programming a radio receiver to the remote control

→ Up to 10 different remote controls can be programmed for each wireless receiver of the RSL-system.

• Use the slide switch **(2)** to select the desired switch group.
• Shift the radio receiver (e.g. a wireless incorporated switch, a radio-controlled socket or the like) to programming mode. Please refer to the operating manual of the radio receiver (usually press the button on the wireless receiver for more than 3 seconds, until the LED begins to flash on the radio receiver).
• Hold down the "ON" key of one of the four channels on the remote control (3 seconds) until the light stops flashing on the wireless receiver and instead remains lit. The load connected to the radio receiver is switched on. Now release the button, and the programming mode is finished. The wireless receiver has been programmed to the desired control channel of the radio remote control.

b) Delete the wireless receiver which has now been programmed from the remote control

• Use the slide switch **(2)** to select the desired switch group.
• Shift the radio receiver (e.g. a wireless incorporated switch, a radio-controlled socket, etc.) to the programming mode. Please refer to the operating manual of the radio receiver (usually press the button on the wireless receiver for more than 3 seconds, until the LED begins to flash on the radio receiver).

→ Thus, you can simultaneously press the "ON" and "OFF" of the channel on the remote control and hold for 3 seconds and the (already programmed) wireless receiver that you want to delete is switched to programming mode.

This can be used for example when a wireless wall switch is mounted out of reach and you cannot reach the buttons.

• Press and hold the "OFF" key of the channel to which the wireless receiver is programmed on the remote control for (3 seconds) until the light stops flashing on the wireless receiver and remains lit instead. The load connected wireless receiver is switched off, and the programming mode ends.

The allocation of the radio receiver to the appropriate channel of the wireless remote control is deleted, the wireless receiver no longer responds to the remote control.

c) Remote control dimmer function

→ The dimmer function of the remote control is of course only possible when the wireless receiver has a built in dimmer. Note the instructions included with your wireless receiver.

• Use the slide switch **(2)** to select the desired switch group.

• Switch on the wireless receiver by briefly pressing the corresponding "ON" switch of the channel. The light connected to the wireless receiver is turned on with the last available brightness setting.

• Briefly press the "ON" key of the corresponding channel.

This starts the dimmer function of the wireless receiver. The brightness of a light which is connected to the wireless receiver now changes continuously.

• To stop the dimming function (and thus adjust the brightness of a wireless receiver connected to the light), press and release the "ON" button of corresponding control channel. The wireless receiver then saves this setting.

The next time the wireless receiver is turned on the brightness setting of the light connected to it is activated.

d) Switching on / off of individual wireless receivers

→ If it has not already been done, you must first programme a wireless receiver (e.g. a wireless wall switch or a Wireless-controlled socket) of the RSL-system to the remote control. Make sure that the radio receiver is ready-to-operate.

• Use the slide switch **(2)** to select the desired switch group.

• Briefly press the "ON" button of the corresponding control channel to turn on the wireless receiver and the connected consumer.

• Briefly press the "OFF" button of the corresponding control channel to turn on the wireless receiver and the connected consumer.

e) Switching on / off all wireless receivers

With the keys "ALL ON" **(3)** or "ALL OFF" **(4)**, all wireless receivers to which the wireless remote control is programmed will be turned on or off. With this function all lights in the house can for example be switched on or off.

• "ALL-ON" key **(3)**. Switch all wireless-receivers on

• "ALL-OFF" KEY **(4)**: Switch all wireless receivers off

Range

• The wireless remote control has a range of up to 70 m.

→ However, this range is the so-called "free-field range" (range with line of sight between the transmitter and receiver and without interference).

In practical operation, however, there are walls, the ceilings of rooms etc. between the transmitter and the receiver which reduce the range correspondingly.

Due to the different influences on the radio transmission, no specific range can be guaranteed. However, trouble-free operation is usually possible in a detached house.

The range can sometimes be limited considerably by:

- Walls, reinforced concrete ceilings

- Coated / metal vapour deposition coated insulating glass

- Proximity to metal & conducting objects (e.g. radiators)

- Proximity to human bodies

- Broadband interferences, e.g. in residential areas (DECT telephones, mobile phones, radio-controlled headphones, radio-controlled speakers, radio-controlled weather stations, baby monitors etc.)

- Proximity to electric motors, transformers, power-supply units, computers

- The proximity to improperly shielded or uncovered operating computers or other electric appliances

Care and cleaning

• Apart from the occasional battery change the product is maintenance-free for you. Repair or maintenance work must be carried out by a specialist.

• Clean the product with a soft, clean, dry cloth.

• Never use aggressive cleaning agents or chemical solutions since these might damage the surface of the casing or impair the operation.

Declaration of Conformity (DOC)

Conrad Electronic SE, Klaus-Conrad-Straße 1, D-92240 Hirschau hereby declares that this product conforms to the 2014/53/EU directive.

→ Click on the following link to read the full text of the EU declaration of conformity: www.conrad.com/downloads

Select a language by clicking on a flag symbol and enter the product order number in the search box. You can then download the EU declaration of conformity in PDF format.

Disposal

a) Product

Electronic devices are recyclable waste and must not be disposed of in the household waste. At the end of its service life, dispose of the product according to the relevant statutory regulations.

Remove any inserted batteries and dispose of them separately from the product.

b) Batteries

You as the end user are required by law (Battery Ordinance) to return all used batteries. Disposing of them in the household waste is prohibited.

Contaminated batteries are labelled with this symbol to indicate that disposal in the domestic waste is forbidden. The designations for the heavy metals involved are: Cd = Cadmium, Hg = Mercury, Pb = Lead (name on batteries, e.g. below the trash icon on the left).

Used batteries can be returned to collection points in your municipality, our stores or wherever batteries are sold.

You thus fulfil your statutory obligations and contribute to the protection of the environment.

Technical data

Power supply	Type "23A" 12 V battery
Transmission frequency	433.05 - 434.79 MHz
Transmission range	max. 70 m (in open area)
Transmission power	<10 dBm
Ambient temperature	0 to + 35 °C
Dimensions (L x W x H)	105 x 43 x 22 mm
Weight	approx. 44 g (battery not included)