

sygonix®

Ⓞ Operating instructions

RSL wireless mini remote control

Item no. 1761732

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 mini remote control
- Operating instructions

Intended use

With a wireless remote control an appropriate wireless remote-control switch of the RSL system (or a load attached to it) can be switched on or off wirelessly. The wireless remote control uses a Type CR2032 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 radio 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 LED (lights up when a button is pressed)
- 2 "ON" key
- 3 "OFF" key, Switch off
- 4 1 battery of type CR2032

Inserting/Replacing the Batteries

→ Delivery includes a CR2032 type battery. This is possibly already inserted in the battery compartment.

- Open the battery compartment of the radio mini-remote, simply pry the two halves apart carefully (e.g. with a finger nail).

The two halves are just clipped together. Do not use any force during the disassembly.

Then place a type CR2032 battery inside, observing the correct polarity. The plus pole of the button cells points from you outward.

- Place the housing cover and press the two halves together carefully so that the retaining clips snap into place. Do not exert any force.
- The batteries need to be replaced if the range of the hand-held radio transmitter is significantly reduced or the control LED **(1)** no longer lights when the buttons are used.

Operation

a) Programming a radio receiver to the wireless remote control

Up to 10 different remote controls can be assigned to each radio receiver of the RSL-system.

- 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).
- Press the button in the battery compartment of the radio-opening detector (at least 3 seconds), until the light stops flashing on the radio receiver and remains lit instead. The load connected to the radio receiver is switched on. Let go of the button and the association process will be complete. You can now turn off the radio receiver from the radio mini-remote on / off button.

b) Deletion of a previously saved receiver from the Mini Remote Control

- 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).

→ In order for the (already assigned) radio receiver to be deleted, switch to the learning mode by clicking the “ON” and “OFF” buttons on the radio mini-remote control simultaneously for 3 seconds.

This can be used for example, if a wireless switch for panel mounting is inaccessible and you cannot press its buttons.

- Press the button in the battery compartment of the wireless remote control (for at least 3 seconds), until the light stops flashing on the radio receiver and goes out instead. When the load connected to the radio receiver is turned off, the assigning mode is finished. The wireless receiver will not respond to the radio controlled mini-remote control.

c) Turning on/ off the radio receiver

- If it has not been done, you must first programme a radio receiver (e.g. a wireless incorporated switch or a radio-controlled socket) in the RSL system of the wireless remote control. Make sure that the radio receiver is ready-to-operate.
- Briefly press the “ON” button to turn on the radio receiver and the connected user.
- Briefly press the “OFF” button to turn off the radio receiver and the connected user.

- If the radio receivers have a dimming function, read carefully its operating instructions.

Range

- The wireless remote control has a range of up to 30 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
- proximity to badly shielded or uncovered computers in use or other electrical appliances

Care and cleaning

- Apart from the occasional battery change the product is maintenance-free for you.
- 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



This symbol must appear on any electrical and electronic equipment placed on the EU market. This symbol indicates that this device should not be disposed of as unsorted municipal waste at the end of its service life.

Owners of WEEE (Waste from Electrical and Electronic Equipment) shall dispose of it separately from unsorted municipal waste. Spent batteries and accumulators, which are not enclosed by the WEEE, as well as lamps that can be removed from the WEEE in a non-destructive manner, must be removed by end users from the WEEE in a non-destructive manner before it is handed over to a collection point.

Distributors of electrical and electronic equipment are legally obliged to provide free take-back of waste. Conrad provides the following return options **free of charge** (more details on our website):

- in our Conrad offices
- at the Conrad collection points
- at the collection points of public waste management authorities or the collection points set up by manufacturers or distributors within the meaning of the ElektroG

End users are responsible for deleting personal data from the WEEE to be disposed of.

It should be noted that different obligations about the return or recycling of WEEE may apply in countries outside of Germany.

b) (Rechargeable) batteries

Remove batteries/rechargeable batteries, if any, and dispose of them separately from the product. According to the Battery Directive, end users are legally obliged to return all spent batteries/rechargeable batteries; they must not be disposed of in the normal household waste.



Batteries/rechargeable batteries containing hazardous substances are labelled with this symbol to indicate that disposal in household waste is forbidden. The abbreviations for heavy metals in batteries are: Cd = Cadmium, Hg = Mercury, Pb = Lead (name on (rechargeable) batteries, e.g. below the trash icon on the left).

Used (rechargeable) batteries can be returned to collection points in your municipality, our stores or wherever (rechargeable) batteries are sold. You thus fulfil your statutory obligations and contribute to environmental protection.

Batteries/rechargeable batteries that are disposed of should be protected against short circuit and their exposed terminals should be covered completely with insulating tape before disposal. Even empty batteries/rechargeable batteries can contain residual energy that may cause them to swell, burst, catch fire or explode in the event of a short circuit.

Technical data

Power supply	1 x battery of type CR2032
Transmission frequency.....	433.05 - 434.79 MHz
Transmission range	max. 30 m (in open area)
Transmission power.....	<10 dBm
Dimensions (L x W x H).....	45 x 30 x 13.5 mm
Weight	approx. 18.5 g (incl. battery)

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