

sygonix®

GB Operating instructions

RSL wireless socket switch set

Item no. 1761751

RSL wireless socket switch mini

Item no. 1762768

RSL wireless socket switch set

Item no. 1762776

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



The lightning symbol inside a triangle is used when there is a potential risk of personal injury, such as electric shock.



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

- 2 x RSL wireless socket (item no. 1761751)
- RSL wireless socket switch mini (item no. 1762768)
- RSL wireless socket (item no. 1762776)
- Remote control (item no. 1761751 + 1762776)
- Battery CR2032 (item no. 1761751 + 1762776)
- Operating instructions

Intended use

Connect an electrical device to this wireless power outlet. The wireless remote control can be used to turn on and off the wireless power outlet and the connected electrical device.

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, electric shock 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.

- Also observe the safety and operating instructions of any other devices which are connected to the product.

- Do not use this product in hospitals or medical facilities. Although the product sends only relatively weak radio signals, the signals sent may still cause malfunction of life-support systems. The same may also apply to other areas.

- Only use a properly installed power outlet of the public power supply as a power source for the power outlet(s).

- This product is not a toy, keep it out of the reach of children. Use extreme caution when children are present. Children may attempt to insert objects into the wireless power outlet's openings. There is a risk of lethal electric shock!

- The socket-outlet shall be installed near the equipment and shall be easily accessible.

- Never touch the product with moist or wet hands. There is a risk of lethal electric shock!

- Never connect two or more wireless power outlets in series.

- The wireless power outlet is entirely voltage-free only once it has been disconnected from the power supply.

- Do not overload the wireless power outlet. Never exceed the maximum permitted connected load as listed in technical data.

- Should the product housing be damaged, discontinue use of the product immediately! If it is still connected to the power supply, do not touch the wireless power outlet or any connected device(s)! First disable the power outlet that the wireless power outlet is connected to (flip the fuse or circuit breaker). Only now should you disconnect the product from the power outlet. Take the product to a professional workshop or dispose of it in accordance with environmental regulations.

- Unplug the wireless power outlet for extended periods of disuse.

- For safety reasons, unplug the wireless power outlet in case of a thunderstorm.

- Never use the product immediately after it has been brought from a cold room into a warm one. The condensation generated could destroy the product. This poses a risk of fatal injury due to electric shock! Allow the device to reach room temperature before connecting and using it. This may take several hours.

- Never pour liquids over electric devices and never place liquid-filled objects near the product.

- Avoid use and storage near strong magnetic fields, such as in the vicinity of machines or speakers.

- 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

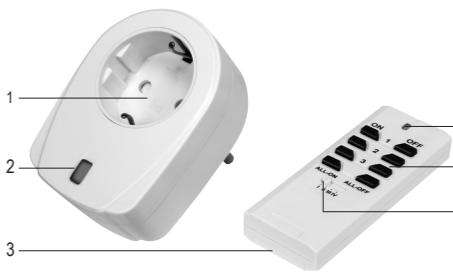
- Correct polarity must be observed while inserting the battery.

- 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 Power outlet
- 2 On/off switch incl. power indicator
- 3 Battery compartment lid
- 4 Indicator lamp
- 5 Control keys
- 6 Switching group selector

Inserting/replacing battery (remote control)

1. Remove the battery compartment lid (3) from the back of the remote control.
2. Insert a new round cell battery, type CR2032, into the battery recess. The positive pole must face up (see "+" imprint on the battery). Push the battery into the battery recess until it stops.
3. Close the battery compartment.

- Replace the battery when the remote control's range noticeably decreases or when the indicator lamp (4) no longer lights up when a button is pushed.

Key functions (remote control)

- Use the switching group selector (6) to select one of four switching groups. There are three channels available for each switching group. The remote control thus has twelve channels in total.
- The control keys (5) are arranged in two columns:
 - Left column = **ON**
 - Right column = **OFF**
- Use the three upper keys of the left column to individually activate channels 1 to 3.
- Use the three upper keys of the right column to individually deactivate channels 1 to 3.
- Use the lower key **ALL ON** of the left column to simultaneously activate channels 1 to 3.
- Use the lower key **ALL OFF** of the right column to simultaneously deactivate channels 1 to 3.

- The indicator lamp (4) flashes briefly every time a button is pushed.



Configuration

1. Set the desired switching group (I, II, III or IV) using the switching group selector **(6)** on the remote control.
2. Connect the wireless power outlet to a standard power outlet. Make sure that the wireless power outlet is turned off. The on/off switch **(2)** should not light up.
3. Push and hold the on/off switch on the wireless power outlet until it begins flashing.
4. Push the control key **(5)** for the desired channel on the left column of the remote control.
5. The on/off switch lights up permanently. Configuration is successful.

→ The keys on the right column of the remote control can also be used for configuration. In this case, the light of the on/off switch goes out.

6. Follow the steps described above to configure further channels.

→ Each wireless power outlet has 8 memory slots for various channels or remote controls. The remote control can control an unlimited number of compatible wireless power outlets.

Resetting the channel configuration

a) All channels

1. Push and hold the on/off switch **(2)** on the wireless power outlet until it begins flashing.
2. Release the on/off switch briefly and push and hold it again until its light goes out.
3. The product is now reset to factory settings.

b) Individually

1. Set the desired switching group (I, II, III or IV) using the switching group selector **(6)** on the remote control.
2. Push and hold the on/off switch **(2)** on the wireless power outlet until it begins flashing.
3. Push the control key **(5)** on the remote control for the channel that you wish to reset. It does not matter whether you push the key in the right or left column.
4. The light of the on/off switch goes out. The configuration for the channel is now reset.

Function test

1. Set the desired switching group (I, II, III or IV) using the switching group selector **(6)** on the remote control.
2. Connect the wireless power outlet to a standard power outlet.
3. Push the corresponding control key **(5)** on the left column of the remote control. The on/off switch **(2)** on the power indicator lights up, the wireless power outlet is activated.
4. To deactivate the wireless power outlet, push the corresponding control key on the right column of the remote control. The on/off switch on the wireless power outlet goes out.

Operation



The power consumption of a connected electrical device may not exceed 2000 W/8.7 A (resistive load) or 460 W/2 A (motor load). In case of overload, the product's internal thermal fuse is tripped. The thermal fuse is not self-resetting. The wireless power outlet can no longer be used.

To ensure perfect functioning, there should be a distance of at least 1 m between two wireless power outlets.

1. Connect the wireless power outlet to a standard power outlet. Make sure that the product is turned off. The on/off switch **(2)** should not light up.
2. Turn off the electrical device that you wish to operate via the product using the device's own power switch.
3. Plug the electrical device into the wireless power outlet.
4. Turn on the electrical device using its own power switch.
5. Now use the remote control to turn the electrical device on or off. See the chapter "Key functions (remote control)".

→ You can manually turn on/off an electrical device using the on/off switch **(2)** on the wireless power outlet.

Range

- Under ideal conditions, the range of radio signal transmission between the remote control and the wireless power outlet is up to 30 m.



This figure applies only when there is direct visual contact between the transmitter and receiver with no interference.

Under normal conditions, there are usually walls, ceilings, etc. between the transmitter and receiver, which will decrease the range accordingly.

Due to various influences which may effect transmission, no specific range can be guaranteed.

Normally operation in a single-family house is possible without complications.

- The range can be decreased by:
 - Walls, reinforced concrete ceilings
 - Laminated or metallized insulated glass panes
 - Close proximity to metallic and conductive objects (i.e. heaters)
 - Close proximity to human bodies
 - Broadband interference, i.e. in residential areas (DECT phones, mobile phones, wireless headphones, wireless speakers, wireless weather stations, baby monitors, etc.)
 - Close proximity to electrical motors, transformers, power adapters, computers
 - Close proximity to poorly shielded or open computers or other electrical devices

Care and cleaning



Do not use any aggressive cleaning agents, rubbing alcohol or other chemical solutions as they can cause damage to the housing and malfunctioning.

- Before cleaning, disconnect the product from the power supply and from any connected device.
- Never submerge the product in water.
- There are no components located inside the product you need to maintain. Never open/dismantle the product.
- To clean the product, a dry, soft and clean cloth is sufficient. Do not apply too much pressure to the housing to prevent scratching.
- Use a longhaired, soft and clean brush and a vacuum cleaner to easily remove dust.

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

a) Wireless power outlet

Operating voltage	230 V/AC, 50 Hz
Power output	Resistive load: max. 2000 W (8.7 A) Motor load: max. 460 W (2 A)
Receiving frequency	433.05 - 434.79 MHz
Receiving range.....	max. 30 m (in open area)
Memory slots	8
Operating conditions.....	0 to +35 °C, 10 – 90 % RH (non-condensing)
Storage conditions.....	0 to +45 °C, 10 – 90 % RH (non-condensing)
Dimensions (W x H x D)	60 x 84 x 73 mm
Weight	approx. 100 g

b) Remote control

Battery type	CR2032
Number of channels	12
Transmission frequency.....	433.05 - 434.79 MHz
Transmission range	max. 30 m (in open area) (item no. 1761751) max. 70 m (in open area) (item no. 1762768)
Transmission power.....	<10 dBm
Operating conditions.....	0 to +35 °C, 10 – 90 % RH (non-condensing)
Storage conditions.....	0 to +45 °C, 10 – 90 % RH (non-condensing)
Dimensions (W x H x D)	35 x 15 x 95 mm
Weight	approx. 30 g

→ Additional wireless power outlets are available under item no. 1762768.
An additional remote control is available under item no. 1761748.

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