



Operating instructions

RSL wireless outdoor socket switch

Item no. 1762772

Latest operating instructions

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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

- RSL wireless outdoor socket switch
- Screws
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Intended use

This remote controlled, wireless, outdoor switch is intended for turning connected consumer loads on or off, either manually via a push button on the device or via a suitable remote switch.

The wireless outdoor switch is suitable for use outdoors (IP44).

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.



- 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, strong jolts, 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.
- Check the product for damage before each use! If you notice any damage, do not use the product any longer! There is a risk of a life-threatening electric shock!
- If the product casing is damaged, do not use the product anymore! When it is connected to the mains, do not touch the wireless outdoor switch or the connected device! First, switch off all the poles of the mains socket whereto the wireless outdoor switch is connected (turn off the circuit breaker and the FI protective switch). You can then remove the wireless outdoor switch from the mains socket. Take the product to a specialist workshop or dispose of it in an environmentally friendly way.
- Ensure that the insulation for the entire product is neither damaged nor destroyed. Never disassemble the product! There are no serviceable parts inside.
- Do not use this product in hospitals or medical institutions. Although the product emits only relatively weak radio signals, these may lead to the malfunction of life-support systems. The same may possibly be the case in other areas.

- Keep the product away from strong magnetic fields occurring near machines, electric motors or loudspeakers.
- The wireless outdoor switch is designed in accordance with protection class I. Only a standard mains socket (230 V/AC, 50 Hz with protective earth) for the public supply grid may be used as the power source for the remote controlled wireless outdoor switch. The mains socket, into which the product will be inserted, must be easily accessible.
- The mains socket, into which the product will be inserted, must be easily accessible.
- The product is equipped with an enhanced protection against accidental contact. An integrated mechanism will release the holes of the receptacle only, if the two prongs of a power plug are inserted into the two holes at once.
- Take special caution when children are around. Children cannot recognize the danger arising from the incorrect use of electrical devices. There is a risk of a life-threatening electric shock!
- The wireless outdoor switch is suitable for use outdoors (IP44).
- Never touch the product, or the mains plug, with wet or damp hands when trying to connect a plug to the wireless outdoor switch. There is a risk of a lethal electric shock!
- Never remove a mains plug from the mains socket on the front of the wireless outdoor switch by pulling on the power cable. Always hold the plug by the lateral grip surface to pull it out of the wireless outdoor switch.
- Do not connect adapter pugs behind each other!
- The device is de-energized only when it is disconnected from the mains socket.

- Do not overload the wireless outdoor switch (take note of the input power in the technical data at the end of the operating manual!).
- 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.

Operating elements



1 “ON/OFF/INDICATOR” button/LED

Using this button, the wireless outdoor switch can be activated or deactivated manually. This button also serves as the programming button.

2 Front socket for connecting a consumer load.

Programming the wireless outdoor switch to a radio transmitter

- Set the switch group on the transmitter, to which you want to program the wireless outdoor switch, if necessary (e.g. for a radio remote control) using the selector switch for the switch group.
- Plug the wireless outdoor switch into a standard 230 V/AC, 50 Hz household socket. Then, the LED will flash (2).
- Press the ON button for the desired switching channel on the radio transmitter, i.e. that to which you want to program the wireless outdoor switch, before the LED stops flashing. The LED (2) will go off. The programming has been completed successfully.

Programming the wireless outdoor switch to recognise several radio transmitters

→ You can program up to 10 radio transmitters for the wireless outdoor switch.

- Set the switch group on the transmitter, to which you want to program the wireless outdoor switch, if necessary (e.g. for a radio remote control) using the selector switch for the switch group.
- Plug the wireless outdoor switch into a standard 230 V/AC, 50 Hz household socket and press the button/LED "ON/OFF/INDICATOR" (2), until the LED starts to flash red.
- Press the ON button for the desired switching channel on the radio transmitter, i.e. that to which you want to program the wireless outdoor switch, before the LED (2) stops flashing. The LED (2) will go off. The programming has been completed successfully.

Deleting the programmed wireless outdoor switches from a radio transmitter

Please observe the operating instructions for the corresponding radio transmitter.

Start-up, function test

- Select the correct switch group on the transmitter, if necessary (e.g. on a radio remote control).
- Plug the wireless outdoor switch (without the consumer load connected!) into the designated earthed mains socket.
You can now test the function of the wireless outdoor switch by briefly pressing the respective ON button for the corresponding switching channel. The red LED (2) will light up. The socket (1) on the front is now activated; the mains voltage is available and a connected consumer load is turned on.
- Briefly press the OFF button, for the switching channel on the transmitter; the LED (2) is turned off; the mains voltage to the front socket (1), and thus the connected consumer load, is turned off.

Operation

- Connect the consumer load to the front socket (1).
 **Please consult the section "Technical data" for the consumer load's permissible maximum power.**
- By pressing the respective ON or OFF button for the switching channel on the radio transmitter, you can turn the wireless outdoor switch on (the LED (2) will light up) or off (the LED (2) will go out).
- The wireless outdoor switch can be switched on or off using the "ON/OFF" button (1) located on the front.

Range

- The range of the radio signals, between the radio transmitter and the wireless outdoor switch, is up to 70 m under optimum conditions.

→ This value, however, is the so-called "open space range" (the range the transmitter and receiver are visible to each other, without disturbing influences).

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

Due to the different influences on the radio transmission, no specific range can be guaranteed.

Nevertheless, trouble-free operation in a single-family home is usually possible.

The range can sometimes be limited considerably by:

- Walls, reinforced concrete ceilings
- Coated/metallised insulated 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

- The product does not require any maintenance and should never be opened or disassembled for any reason.
- Remove connected consumer loads from the wireless outdoor switch and remove it from the mains socket, before cleaning the product.
- Only 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



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

Technical data

Operating voltage	230 V/AC, 50 Hz
Connected power	max. 2000 W resistive load (internal thermal fuse)
Receiving frequency	433.05 - 434.79 MHz
Receiving range.....	max. 70 m (in open area)
Protection class	I
Protection type.....	IP44
LED.....	Lights up, when the mains socket/ consumer load is activated
Dimensions (L x W x H)	approx. 116 x 58 x 73 mm

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