

Radio socket-outlet adapter for switching

Order No. : 0401 ..

Operating instructions

1 Safety instructions

Electrical equipment may only be installed and fitted by electrically skilled persons. Serious injuries, fire or property damage possible. Please read and follow manual fully.

Danger of electric shock. Always disconnect the device from the socket outlet before carrying out work on the device or load.

Danger of electric shock. Device is not suitable for disconnection from supply voltage. Even when the device is switched off, mains voltage may be present on the load, because only 1 pole is switched off.

Adapter plugs may not be connected in series and must be easily accessible.

The radio communication takes place via a non-exclusively available transmission path, and is therefore not suitable for safety-related applications, such as emergency stop and emergency call.

These instructions are an integral part of the product, and must remain with the end customer.

2 Device components

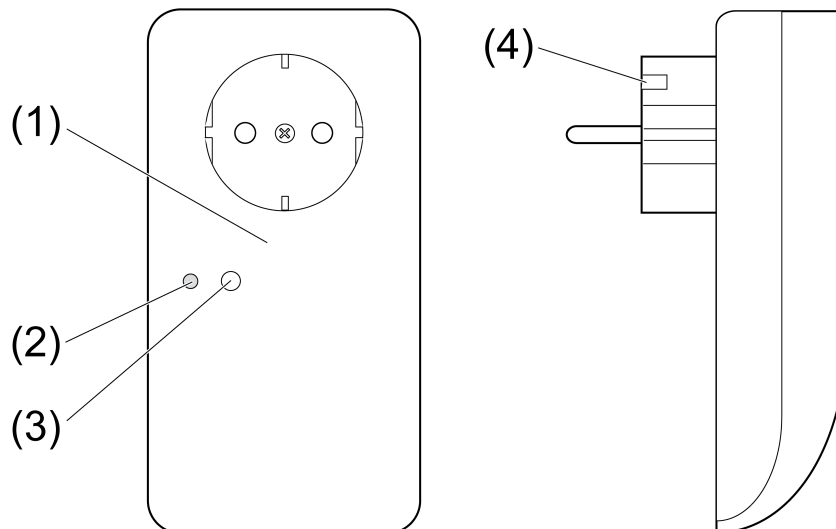


Figure 1

- (1) Switch adapter plug
- (2) LED
- (3) Programming button
- (4) Fine-wire fuse

3 Function

System information

By statute, the transmitting power, the reception characteristics and the antenna cannot be changed.

The range of a radio system from the transmitter to the receiver depends on various circumstances.

The range of the system can be optimised by selecting the optimal installation location, taking into account the structural circumstances.

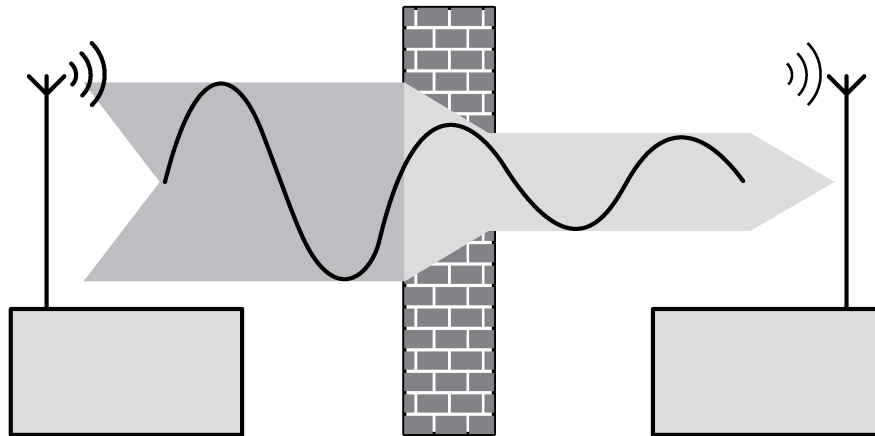


Figure 2: Reduced range due to structural obstacles

Example of penetration of various materials:

| Material | Penetration |
|-----------------------------|---------------|
| Wood, Plaster, Plasterboard | approx. 90% |
| Brick, Chipboard | approx. 70% |
| Reinforced concrete | approx. 30% |
| Metal, Metal grid | approx. 10% |
| Rain, Snow | approx. 1-40% |

Intended use

- Radio-controlled switching of portable luminaires with mains plug, e.g. table or floor lamps
 - Use in socket outlets
 - Operation with suitable radio transmitters
- i** It is not possible to teach a combination of presence detector and motion detector.

Product characteristics

- Manual operation on device possible
- Light scene operation possible
- 2-point light control in combination with a radio presence detector possible
- Run-on time of approx. 1 minute in connection with radio motion detectors
- Overload protection through fine-wire fuse

4 Operation

Operation with radio transmitter

A radio transmitter has to be taught in order to be able to operate the device via radio.

- i** Observe the instructions for the radio transmitter.

Switching lighting on adapter plug

- Press the programming key(3) for approx. 1 second.
The light is switched on or off.
If the LED (2) lights up, the connected load is switched on.

5 Information for electrically skilled persons

5.1 Fitting and electrical connection



DANGER!

Electrical shock when live parts are touched.

Electrical shocks can be fatal.

Always disconnect the device from the socket outlet before carrying out work on the load!

Connecting the device

Maintain a distance of at least 0.5 m from metal surfaces and electrical devices, e.g. microwave ovens, hi-fi and TV systems, electronic ballasts or transformers.

Maintain a distance of at least 1 m between transmitter and receiver in order to prevent overmodulation of the receiver.

- Insert device into a socket outlet.
- Insert load into the device.
- Switch on load

5.2 Commissioning

- i** Observe the instructions for the radio transmitter.

Teaching a radio transmitter

- i** If all memory slots are occupied, a radio transmitter which has already been taught must first be deleted. To do this, delete all taught channels and light scenes of the radio transmitter individually.

The distance between the receiver and the radio transmitter is from 0.5 m to 5 m.

Load is switched off.

- Press the programming button for approx. 4 seconds.
The LED blinks. The device is in programming mode for approx. 1 minute.
- Trigger teach telegram on radio transmitter (see instructions for radio transmitter).
LED lights up. The radio transmitter has been taught.
- Press the programming button briefly.
The load switches on. The device is in operating mode.

- i** The programming mode is exited automatically after about 1 minute.

- i** Teach light scene buttons separately.

- i** When a radio transmitter is taught, All On and All Off buttons that are present are automatically also taught.

Deleting radio transmitters individually

- Teach the radio transmitter to be deleted again (see Teaching a radio transmitter).
LED blinks quickly. The radio transmitter has been deleted.

- i** If several channels or light scenes of a radio transmitter have been taught, they all must be deleted individually.

6 Appendix

6.1 Technical data

| | |
|----------------------|----------------|
| Rated voltage | AC 230 V ~ |
| Mains frequency | 50 / 60 Hz |
| Ambient temperature | -20 ... +35 °C |
| Degree of protection | IP 20 |
| Fine-wire fuse | D 6.3 H 250 |

Connected load

i Power specifications including transformer power dissipation.

i Operate inductive transformers with at least 85% nominal load.

| | |
|-----------------------------------------|---------------------------|
| Incandescent lamps | 1000 W |
| HV halogen lamps | 1000 W |
| Inductive transformers | 750 VA |
| Electronic transformers | 750 W |
| Fluorescent lamps, uncompensated | 500 VA |
| Fluorescent lamps, parallel compensated | 400 VA (47 µF) |
| Fluorescent lamps, duo circuit | 1000 VA |
| Contact type | µ |
| Dimensions L×W×H | 136×70×72 mm |
| Radio frequency | 433.05 MHz ... 434.79 MHz |
| Receiver category | 2 |
| Teachable radio transmitter | max. 30 |

6.2 Troubleshooting**Load is switched off and cannot be switched on again.**

Cause: Overload protection has tripped.

Check the fine-wire fuse

Replace the fine-wire fuse Use only original fuses.

Device does not respond, or only sometimes.

Cause 1: battery in the transmitter is empty.

Change the battery.

Cause 2: Radio range exceeded. Structural obstacles reduce the range.

Check the installation situation.

Using a radio repeater.

6.3 Conformity

Gira Giersiepen GmbH & Co. KG hereby declares that the radio system type

Order No. 0401 ..

corresponds to the directive 2014/53/EU. You can find the full article number on the device. The complete text of the EU Declaration of Conformity is available under the Internet address:

www.gira.de/konformitaet

6.4 Warranty

The warranty follows about the specialty store in between the legal framework as provided for by law

Please submit or send faulty devices postage paid together with an error description to your responsible salesperson (specialist trade/installation company/electrical specialist trade). They will forward the devices to the Gira Service Center.

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