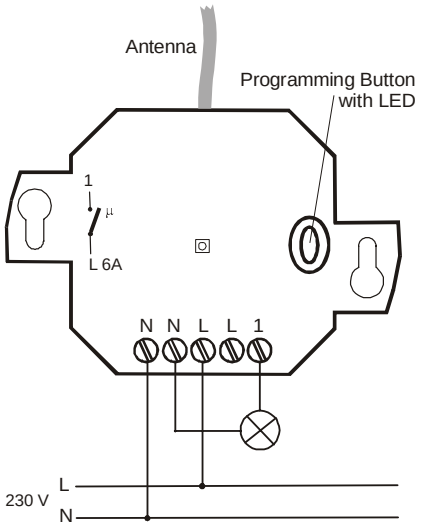
GB RCJ01 Junction Box Receiver



Models

RCJ01-4101M-01	1-channel	433.92 MHz
RCJ01-5001M-01	1-channel	868.30 MHz

Technical Details

Frequency:	433.92 or 868.30 MHz
Modulation:	ASK
Power supply:	230 V AC / 50 Hz
Current consumption:	approx. 35 mA
Degree of protection:	IP40
Operating temperature:	-20°C to +60°C
Output:	1 ground referenced relay contact (N.O.)

Table of Loads

Type of load	**max. load**
Resisitive load: Light bulbs, 230 V Halogen lamps etc.	6 A / 1,380 VA
Inductive load: Halogen lamps with wound transformers (transformator at least 85% loaded)	2.6 A / 600 VA
Non-compensated or series-compensated fluorescent lamps with ferromagnetic ballasts	6 A / 1,380 VA
Parallel-compensated fluorescent lamps with ferromagnetic ballasts	2.6 A / 600 VA
Capacity EB: electronic ballasts, electronic transformers etc.	4 A / 920 VA

Safety Advice

Carefully read through these instructions before connecting and operating the unit!

<u>Caution!</u> Electrical installation may only be carried out by a qualified electrician!

Observe the applicable laws, standards and regulations as well as the manufacturer's instructions for the devices to be operated!

Have faulty units checked by the manufacturer!

Do not make any unauthorized alterations or modifications to the unit!

The relay contact is only suitable for a single-phase power supply! The contact must not be used for switching low voltage circuits.

<u>Warning!</u> Take care not to damage the antenna insulation! The antenna could be live!

Intended Use

This unit may only be used as a radio control system together with mains powered devices!

The manufacturer shall not be liable for any damage caused by improper or non-intended use!

Function

The junction box receiver is designed for switching a device on/off.

The receiver can be operated by multi-channel transmitters or single-channel transmitters.

10 codes can be memorized for each of the ON and OFF functions.

Installation Advice

- When selecting an electric socket, make sure that the radio transmission between the transmitter and receiver is unobstructed. Brick walls and other insulating materials reduce the range of the radio transmission.
- Avoid installing near large metal surfaces or close to the ground. If installation near metal surfaces cannot be avoided, maintain a distance of at least 0.1 m.

Start-Up

1. Take the receiver out of the package.
2. Mount the receiver in accordance with the on-site conditions.
3. Connect the power supply and the devices to be switched according to the wiring diagram. **Observe the applicable electrical regulations.**
4. Transfer the codes of the transmitter buttons to the receiver (see section "Memorizing the Transmission Codes").

Operating Mode

- ON/OFF

Memorizing the Transmission Codes

In the "Memorizing the Transmission Codes" mode the codes of your transmitter buttons can be transferred to the receiver.

<u>Note:</u> The same codes can also be programmed for the ON and OFF functions (e.g. when using single-channel transmitters).

1. Briefly press the programming button (<1.6 s). The programming mode is activated. The LED flashes.
2. Press and hold the transmitter channel button, with which you wish to switch the device with (ON function). As soon as the code is memorized, the LED lights up for approx.1 s and then flashes.
3. Press and hold the transmitter channel button, with which you wish to switch the device off (OFF function). The code is transferred. As soon as the codes for the ON and OFF function are memorized, the LED lights up for approx. 4 s.

For transferring the code of another transmitter, repeat steps 1 to 3.

If all memory locations are occupied, the LED flashes for approx. 4 s.

<u>Note:</u> By briefly pressing the programming button, you can abort the programming procedure.

Deleting Specific ON/OFF Codes

In the "Specific Delete" mode all codes for the ON/OFF functions, which are linked to the pressed transmitter button can be deleted.

1. Briefly press the programming button (<1.6 s). The programming mode is activated. The LED flashes.
2. Keep the programming button pressed for more than 1.6 s. The delete mode is activated. The LED flashes rapidly.
3. Press the selected transmitter button. As soon as the LED of the receiver lights up for approx. 4 s, the transmission code is deleted.

<u>Note:</u> By briefly pressing the programming button, you can abort the delete procedure.

Reset (Deleting Memory Completely)

In the "Reset" mode all memorized codes are deleted.

1. Briefly press the programming button (<1.6 s). The programming mode is activated. The LED flashes.
2. Keep the programming button pressed for more than 1.6 s. The delete mode is activated. The LED flashes rapidly.
3. Press the programming button again and keep it pressed for more than 1.6 s. If the LED lights up for approx. 4 s, all the codes have been deleted.

<u>Note:</u> By briefly pressing the programming button, you can abort the delete procedure.

Disposal

Waste electrical products should not be disposed of with household waste!

Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer.

Put the packaging material into the recycling bins for cardboard, paper and plastics.

Warranty

Within the statutory warranty period we undertake to rectify free of charge by repair or replacement any product defects arising from material or production faults.

Any unauthorized tampering with, or modifications to, the product shall render this warranty null and void.

Conformity

This product complies with the essential requirements of the R&TTE directive 1999/5/EG.

The Declaration of Conformity can be found on the internet at: www.eldat.de.

Customer Service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact the company at the address below:

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