



Models

RCJ01E5001-03 1-channel

Technical Data

Frequency: 868.30 MHz
 Modulation: FSK
 Power supply: 12 - 24 V AC/DC
 Max. current consumption: 24 V DC: 45 mA
 24 V AC: 100 mA
 Output: Potential-free change-over relay contact
 Max. contact rating: DC: 60 V / 1 A / 30 W
 AC: 125 V / 1 A / 62 VA
 Degree of protection: IP20
 Operating temperature: -20°C to +60°C

Intended Use

This unit may only be used as a receiver system together with devices up to 125 V AC or 60 V DC!

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

Safety Advice



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

Electrical installation may only be carried out by a qualified electrician!

Make sure that the max. contact rating is observed. If that should not be guaranteed, is the electric circuit secured in accordance with valid regulations.

The relay contact is only suitable for a single-phase power supply!

Wirings which are operated with safety extra-low voltage have to be arranged separately from other electric circuits (see VDE 0100 and VDE 0800).

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!

Function

The RCJ01 Junction Box receiver system is designed for switching a device on/off.

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

Installation Advice

- The transmitter and receiver should be positioned in a straight line and where transmission cannot be obstructed. 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 transmitters to the receiver (see section "Memorizing the transmitter codes").

Programming and Operating Modes

There are 3 programming modes for the 3 operating modes.

The different modes are displayed by different LED flashings.

Mode	Operating Mode	LED Flashing Pattern
1	ON/OFF (2 button operation)	
2	ON/OFF (1 button operation, > 1.6 s : OFF)	
3	Dead Man's Mode (max. 36 seconds)	

You can change the programming mode by briefly (< 1.6 sec.) pressing the programming button: Mode 1 → Mode 2 → Mode 3 → Operating mode.

Memorizing the Transmission Codes

In the "Memorizing the Transmission Codes" mode you can transfer the codes of your transmitter to the receiver.

Note: Generally you only have to transfer the code of one button per transmitter. The code of the opposite transmitter button will be assigned automatically.

1. Briefly (< 1.6 sec.) press the programming button. Programming mode 1 is activated. The LED flashes. If necessary change the programming mode (see "Programming and Operating Modes").
2. Press and hold the transmitter button, with which you wish to switch the device. If the code has been memorized, the LED lights up for approx. 4 sec. and then flashes again. Release the transmitter button.
3. Repeat the programming procedure for the other transmitters. The receiver can memorize up to 32 transmitter codes.
4. Briefly press the programming button to return to the operating mode (see "Programming and Operating Modes").

Note: In case of a longer power failure programming of the receiver remains.

Deleting Specific Codes

In the "Specific Delete" mode you can delete specific transmitter codes.

1. Keep the programming button pressed for more than 1.6 sec. The delete mode is activated. The LED flashes rapidly.
2. Press the selected transmitter button. If the LED of the radio control lights up for approx. 4 sec., the transmitter code has been deleted.

Note: By briefly pressing the programming button, you can abort the delete procedure.

Reset (Deleting Memory Completely)

In the "Reset" mode you can delete all the memorized codes.

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

Note: 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 your retailer or the manufacturer.

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