

**Model**

RCJ01E5002-04 2-channel 868.30 MHz

**Technical Data**

Frequency: 868.30 MHz  
 Modulation: FSK  
 Power supply: 230 V AC / 50 Hz  
 Current consumption: approx. 35 mA  
 Output: 2 relay contacts (N.O.)  
 Max. load:  
 - resistive load  $\cos \varphi=1$ : 4.0 A / 920 VA  
 - inductive load  $\cos \varphi=0,8$ : 3.2 A / 736 VA  
 Degree of protection: IP20  
 Operating temperature: -20°C to +60°C

**Intended Use**

This unit may only be used as a radio control system together with mains powered devices!  
 The manufacturer does not assume any liability for damage caused as a result of 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!**  
 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!  
**Warning! Take care not to damage the antenna insulation!**  
**The antenna could be live!**

**Function**

The Junction Box Receiver System is designed for opening and closing shutters.  
 The receiver can be operated by Easywave hand transmitters and wall-mounted transmitters (2-button operation) and switches off automatically after max. 150 s runtime.

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**Using the Receiver**

**Start-Up**

1. Mount the receiver in accordance with the on-site conditions.  
**Note:** The receiver fits into almost every junction box.
2. Connect the power supply and the devices to be connected according to the connection diagram.  
**Caution!** Observe the applicable electrical regulations!  
 After connecting the receiver is in operating mode. The LED is off.
3. Transfer the codes of the transmitters to the receiver (see section "Memorizing the Transmitter Codes").

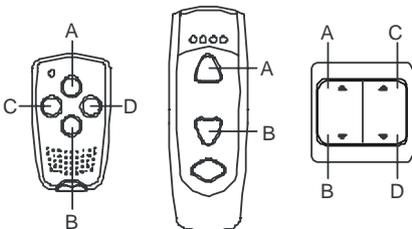
**Mounting Advice:** avoid mounting at the following locations, because this will affect the range:  
 - in a distribution box or housing made from metal  
 - in the immediate vicinity of large metal objects  
 - on the ground (or near it).

**Programming and Operating Modes**

For programming (see "Memorizing the Transmission Codes (Programming)" there are 2 programming modes for the 2 operating modes of the receiver.

These programming modes are displayed by different LED flashing patterns.

Mode	Operating Mode	LED Flashing
1	OPEN/CLOSE (Transmitter buttons: top/bottom or A/B)	
	STOP (Opposite transmitter button)	
2	Dead Man's Mode, max. 36 seconds (Transmitter buttons: top/ bottom, A/B or C/D)	
	STOP and Dead Man's Mode (Opposite transmitter button)	



You can change from the operating mode to the programming mode 1 and from one programming mode to the next by briefly (< 1.6 sec.) pressing the programming button: Operating Mode -> Programming Mode 1 -> Programming Mode 2 -> Operating Mode etc.

**Memorizing the Transmission Codes (Programming)**

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

**Note:** Generally you only have to transfer the code of one button per transmitter channel. The code of the other transmitter buttons will be assigned automatically (B to A, D to C).

1. Briefly (< 1.6 sec.) press the programming button.  
 Programming mode 1 is activated. The LED flashes. If necessary change to programming mode 2 (see "Programming and Operating Modes").
2. Press and hold a transmitter channel button. As soon as the code has been memorized, the LED lights up for 4 sec. and then flashes again. Release the transmitter button.

3. Repeat step 2 with the other transmitters. You can memorize up to 32 transmitter codes into the receiver.
4. Briefly (< 1.6 sec.) press the programming button to return to the operating mode.

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

**Deleting Specific Transmission Codes**

In the delete mode you can delete specific transmission codes memorized by the receiver.

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 channel button. As soon as the code has been deleted, the LED lights up for 4 sec. and then flashes again rapidly.
3. Repeat step 2 with another transmitter or briefly (< 1.6 sec.) press the programming button in order to return to the operating mode.

**Reset (Deleting Memory Completely)**

In the reset mode you can delete all codes memorized by the receiver.

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 memory has been deleted completely, the LED lights up for 4 sec. and then flashes again rapidly.
3. Briefly (< 1.6 sec.) press the programming button to return to the operating mode.

**General Information**

**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**

Hereby, ELDAT GmbH declares that the radio equipment type RCJ01 is in compliance with Directive 2014/53/EU.



The full text of the EU declaration of conformity is available at the following internet address: [www.eldat.de](http://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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