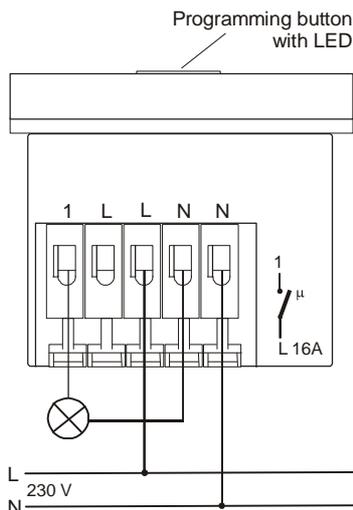


**Connection Diagram**



**Model**

**RCJ03-5001E-01** 1-Channel

**Technical Details**

Frequency: 868,30 MHz  
 Modulation: FSK  
 Power Supply: 230 V AC / 50 Hz  
 Current consumption: ca. 30 mA  
 Output: 1 potential-loaded Relay contact (closer)  
 Max. contact rating:  
 - resistive load  $\cos \varphi=1$ : 16,0 A / 3680 VA  
 - inductive load  $\cos \varphi=0,4$ : 6,4 A / 1472 VA  
 Degree of Protection: IP20  
 Operating Temperature: 0°C to +40°C

**Safety Advice**

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

**Intended Use**

This unit may only be used as an Easywave radio control together with mains-powered devices!  
 The manufacturer shall not be liable for any damage caused by improper or non-intended use!

**Function**

The Receiver System 45 is designed for switching mains-powered devices in the operating modes ON/OFF and Timer.  
 The receiver can be operated by multi-channel transmitters or single-channel transmitters.

**Start-Up**

1. Mount the Receiver System according to the local conditions.
2. Connect the power supply and the devices to be switched according to the connection diagram.  
**Caution!** Observe the applicable electrical regulations!  
 After connecting the receiver is in the operating mode. The LED is off.
3. Transfer the codes of the transmitters to the receiver (see section "Memorizing the transmission codes").

**Mounting Advice:** Avoid mounting at the following locations: in the immediate vicinity of large metal objects on the ground (or near it), because this will affect the range.

**Programming and Operating Modes**

For programming (see "Memorizing the transmission codes" there are 3 programming modes for the 3 operating modes of the receiver.

The different programming modes are displayed by different LED signals.

Prog.-mode	Operation Mode	LED-Signal
1	ON/OFF (2-button-mode)	
2	ON/OFF (1-button-mode, > 1.6 s : OFF)	
3	Timer mode 7 minutes, retrigger (1-button-mode)	

Change from the operating mode to the programming mode 1 and from one programming mode to the next by briefly pressing the programming button (< 1.6 seconds): Operating mode -> Programming mode 1 -> Programming mode 2 -> Programming mode 3 -> Operating mode etc.

**Memorizing the Transmission Codes**

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.

1. Briefly (< 1.6 sec.) press the programming button  
 The programming mode 1 is activated. The LED flashes. If necessary change the programming mode (see "Programming and Operating Modes").
2. Press and hold a transmitter channel button.  
 If 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 radio control.
4. Return to the operating mode by briefly pressing the programming button several times.

**Note:**

In case of an extended power failure the programming remains in the receiver.

**Deleting Specific Transmission Codes**

In the delete mode you can delete specific transmission codes memorized in 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 into the radio control.

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. As soon as the memory has been deleted completely, the LED lights up for 4 sec. and then continues to flash rapidly.
3. Briefly press the programming button to return to the operating mode.

**Disposal**

**Waste electrical products and batteries may 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 a container for cardboard and paper.



**Warranty**

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

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](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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 Im Gewerbepark 14  
 D-15711 Zeesen  
 Germany  
 Phone: + 49 (0) 33 75 / 90 37-0  
 Telefax: + 49 (0) 33 75 / 90 37-90  
 Internet: [www.eldat.de](http://www.eldat.de)  
 e-Mail: [info@eldat.de](mailto:info@eldat.de)