

Models

RCDM14-4104M-01	12-24 V	433.92 MHz
RCDM14-4104M-02	5 V	433.92 MHz
RCDM14-5004M-01	12-24 V	868.30 MHz
RCDM14-5004M-02	5 V	868.30 MHz

Technical Details

Power supply:

RCDM14-xxxxM-01:	12-24 V DC
RCDM14-xxxxM-02:	5 V DC

Current consumption:

RCDM14-xxxxM-01:	24 V DC: 13 mA
RCDM14-xxxxM-02:	5 V DC: 11 mA

Frequency (depending on model):

	433.92 MHz or
	868.30 MHz

Modulation: ASK

Output: 4 x Open Collector (OC)

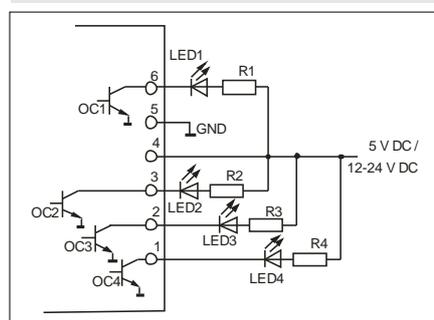
Operating mode: Impulse (1 s) or Dead Man's Mode

Max. output rating:

RCDM14-xxxxM-01:	24 V / 30 mA
RCDM14-xxxxM-02:	5 V / 50 mA

Operating temperature: -20°C to +60°C

Switching Example



Safety Advice



Before connecting the unit, carefully read through the operating instructions!

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

Have faulty unit checked by the manufacturer!

Intended Use

The unit may only be used as a radio control system for low-voltage applications.

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

Connecting

- Power supply: 5 V / 12-24 V, GND
- Output: OC, 5 V / 12-24 V

Selecting the Operating Mode

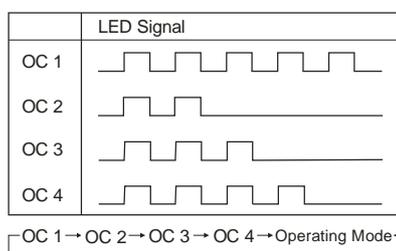
The operating mode „Pulse“ is preselected by factory setting. To change the operating mode, please use the following procedure:

1. Switch off the Power Supply.
2. Keep the programming button pressed and switch on the power supply again. After approx. 5 s the LED lights up shortly. Release the programming button.

Note: The operating mode can be changed as often as necessary. Transmission codes which have been already memorized are retained and are apply only for the up-to-date selected mode of operation.

Memorizing the Transmission Codes

1. Briefly (< 1.6 s) press the programming button. The programming mode is activated. The LED of the Open-Collector-Receiver flashes. To switch to another OC-Channel (OC 2, OC 3 or OC 4) please continue with step 2 otherwise with step 3.
2. Shortly press the programming button again to select the channel to be switched:



3. Press the transmitter button. If the Open-Collector-Receiver has memorized the code, the LED lights up for approx. 4 Seconds.

Note: A total of 15 transmission codes can be memorized. If all memory locations are occupied, the LED flashes rapidly.

Deleting a Specific Transmission Code

1. Briefly (< 1.6 s) press the programming button. The programming mode is activated. The LED of the Open-Collector-Receiver 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 Open-Collector-Receiver lights up for approx. 4 s, the transmission code has been deleted.

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

Reset (Deleting Memory Completely)

1. Briefly (< 1.6 s) press the programming button. The programming mode is activated. The LED of the Open-Collector-Receiver 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. As soon as the LED lights up for approx. 4 s, all the memorized codes have been deleted.

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

Disposal

Waste electrical products 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 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 conforms to the basic 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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