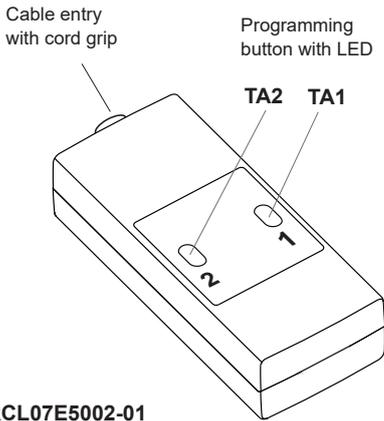


Model



RCL07E5002-01

Technical Details

Frequency:	868.3 MHz
Modulation:	FSK
Coding:	Easywave
Power supply:	12-24 V DC
Power consumption:	0.3 W stand by 0.8 W on-load
Max. contact rating:	30 V / 1 A / 30 W
Output:	2 potential-free relay contacts (1 CO and 1 NO)
Operating Temperature:	-20 °C to +60 °C
Degree of Protection:	IP44
Dimensions (w/l/h):	35/80/20 mm
Weight:	38.0 g
Connecting cable:	Ø 5 mm

Scope of Delivery

Mini receiver RCL07, operating instructions

Intended Use

The unit may only be operated with safety extra low voltage (SELV) and may only be used as a radio control for switching devices with safety extra low voltage (SELV).

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

Safety Advice



Before using the device, carefully read through the operating instructions!

Caution! Observe the permissible supply voltage and the max. contact rating!

Have faulty radio controls checked by the manufacturer!

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

Function

The RCL07 Easywave Mini-Receiver can be operated in a voltage range of 12-24 V DC.

A total of 32 different Easywave radio transmission codes can be memorized.

Operating modes

Via jumper J1 you can set the operating modes.

DEAD MAN (1-button operation)

The relay is triggered as long as the corresponding transmitter button is pressed (max. 36 sec).

ON/OFF (2-button operation)

The relay can be switched ON or OFF targeted. The transmitter button A or C switch ON, the transmitter button B or D switch OFF.

IMPULSE (1-button operation)

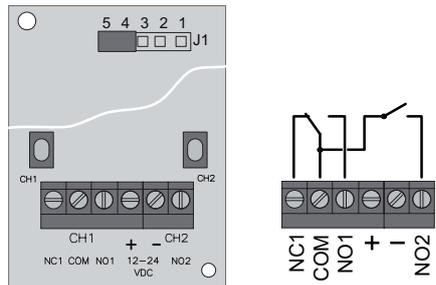
If a transmitter button is pressed, the corresponding relay is triggered for 1 second.

Start-Up

1. Remove the housing cover.
2. Select the desired operating mode with jumper J1. The factory setting is the IMPULSE.
3. Connect the supply voltage and the safety extra low voltage devices to be switched as follows:

NC1, COM, NO1, NO2: CO/NO

+, - : Power supply 12-24V DC



4. Re-install the housing cover.
5. Transfer the codes of the transmitters to the receiver (see section "Programming the transmission codes").

The receiver cannot receive EasywePlus telegrams, i.e. the receiver cannot be programmed with the learn button PTx of the Easywave radio transmitter.

Caution: Make sure there is no interference with the wireless connection. Do not mount the device in a distribution box, in metal casings, in direct proximity to large metal objects, on the floor or close to it.

Programming the transmission codes

In the "Programming the transmission codes" mode you can transfer the codes of your transmitter buttons to the receiver.

The selected operating mode is adopted as a result of the memorizing process and applies to the transmission code currently memorized.

1. Briefly (< 1.6 sec) press the programming button TA1 for channel 1 or TA2 for channel 2. The receiver is for approx. 30 sec in the learning mode, the corresponding channel LED flashes.
2. **DEAD MAN** and **PULSE:** Press and hold a transmitter button.

ON/OFF: Press and hold the transmitter button A or C. The code of the corresponding transmitter button (B/D) will be assigned automatically.

If the code has been memorized, the LED lights up and the receiver is going in the operating mode. Release the transmitter button.

3. Repeat step 1 and step 2 to learn in other transmitters.

Notice: If the LED flashes very rapidly for approx. 2 sec, the code is already programmed in different operating mode.

If the LED flashes rapidly for approx. 4 sec, all 32 memory locations are occupied.

Deleting specific transmission codes

1. Press and hold the programming button TA1 for channel 1 or TA2 for channel 2 more than 1.6 sec. The LED TA1 or TA2 flashes rapidly. The receiver is for approx. 30 sec in the erase mode.
2. Press the selected transmitter button. When the code has been deleted, the LED lights up and the receiver enters the operating mode. In the ON/OFF mode, the code of the corresponding button is also deleted.

Notice: Was the transmission code programmed into channel 1 and 2, the code must be deleted in both channels individually.

Deleting all transmission codes (Reset)

1. Keep the programming button TA1 or TA2 pressed for more than 1.6 sec. The LED flashes rapidly. The receiver is for approx. 30 sec in the erase mode.
2. Press the same programming button again and keep it pressed for more than 1.6 sec. If the memory has been deleted completely, the LED lights up and the receiver enters the operating mode.

Notice: Canceling the learning operation and all delete operations are possible by pressing the button TA1 or TA2 briefly or you can wait approx. 30 sec, until the receiver is switched to the operating mode.

Disposal

Waste electrical products 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 RTS40 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

Service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact your retailer or the manufacturer.

ELDAT GmbH

Im Gewerbepark 14
15711 Königs Wusterhausen
Germany
Phone: + 49 (0) 33 75 / 90 37-310
Telefax: + 49 (0) 33 75 / 90 37-90
Internet: www.eldat.de
E-mail: info@eldat.de