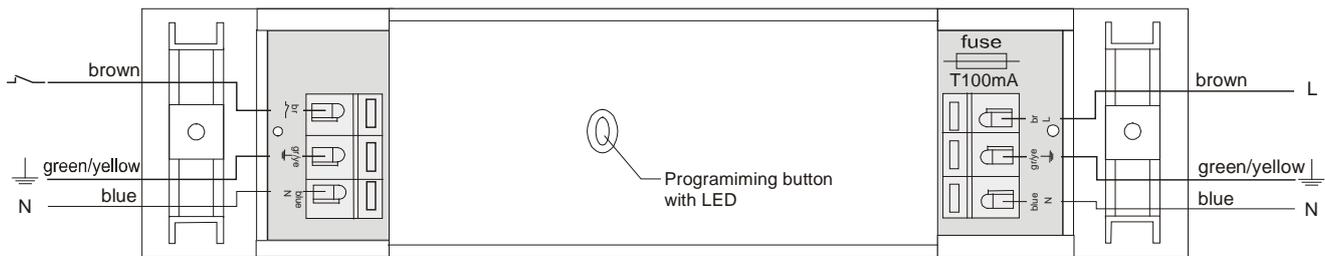


Connection Diagram



Model

RCU10-5001E-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 $\cos \varphi=0,8$: 6,4 A / 1472 VA
 Degree of Protection: IP 20
 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 Built-In Receiver 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. Take off the end caps of the housing and connect the power supply and the devices to be switched according to the connection diagram.

Caution! Observe the applicable electrical regulations!

2. After connecting the receiver is in the operating mode. The LED is off.
 3. Transfer the codes of the transmitters to the radio control (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	Operating Mode	LED-Signal
1	ON/OFF (2-button-operation)	
2	ON/OFF (1-button-operation, > 1.6 s : OFF)	
3	Timer mode (7 minutes, retrigger (1-button-operation))	

You can 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.

- 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").
- 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.
- Repeat step 2 with the other transmitters. The receiver can memorize up to 32 transmission codes.
- Return to the operating mode by briefly pressing the programming button several times.

Note:

In case of an extended power failure the programming remains.

Deleting Specific Transmission Codes

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

- Keep the programming button pressed for more than 1.6 sec. The delete mode is activated. The LED flashes rapidly.
- 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.

- 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.

- Keep the programming button pressed for more than 1.6 sec. The delete mode is activated. The LED flashes rapidly.
- 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.

Briefly press the programming button in order 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

Hereby, ELDAT GmbH declares that the radio equipment type RCU10 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

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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