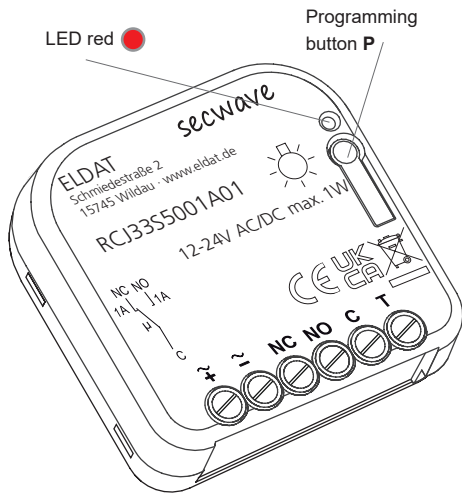


Models



RCJ33S5001A01

Technical Details

Frequency:	868.30 MHz
Radiated power:	6.38 mW
Modulation:	FSK
Coding:	secwave
Encryption:	AES 128 Bit
Power supply:	12-24 V AC/DC
Input:	1 external button
Output:	1 potential-free relay contact (changeover)
Power consumption:	0.2 W standby
(at 24 V AC)	1.0 W max. w/o load
Max. contact rating:	
- AC	60 V / 1 A / 60 VA
- DC	30 V / 1 A / 30 VA
Operating temperature:	-20 °C to +45 °C
Dimensions (W/L/H):	43.0 / 42.0 / 17.5 mm
Weight:	31 g

Scope of Delivery


Flush mounted receiver RCJ33, operating manual


Intended Use

The device may only be used indoors as a radio receiver in connection with low voltage devices. It is operated using secwave radio transmitters or an external button.

The manufacturer will not be liable for damage caused by improper or inappropriate use.

Safety Advice

 Before installing the device, carefully read through this operating manual! Failing to observe these instructions may result in fire or other hazards.

- The electrical installation may only be performed by an authorised and qualified electrician. 
- Make sure that the maximum contact rating is adhered to during installation.
- We will not accept any liability for personal injury or damage to property caused by failure to observe the operating instructions and in particular the safety advice!
- 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 open the unit housing!
- Do not make any unauthorized alterations or modifications to the unit!

Function

The RCJ33 flush-mounted receiver is used to switch an electrical device (e.g. a door opener) using a radio transmitter or an external button. The flush-mounted receiver works in PULSE operating mode. If a transmitter button is pressed, the relay switches for 5 seconds. 200 secwave transmission codes can be programmed into the receiver.


Push-button input T

The RCJ33 has a push-button input (T), which has to be connected to „+“. Alternatively, the PULSE can also be triggered by a connected external button.

Operation

Briefly press button **P** to begin programming mode. Any secwave transmitter can then be programmed. On-site operation is possible by connecting the external button.

Start-up

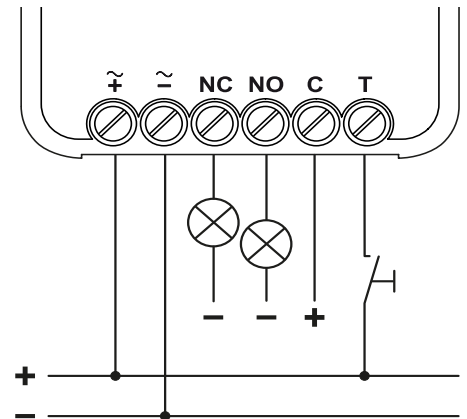
 **The receiver must be installed and commissioned by a qualified electrician in a commercially available flush-mounted installation box.**

The cable length for connecting external buttons must not exceed 3 meters.

Make sure there is no interference with the wireless connection! Do not mount the device in a distribution box, in metal casings and in direct proximity to large metal objects.

1. Switch off the power supply.
2. Connect the supply voltage and the devices to be controlled according to the wiring diagram. Observe the applicable electrical regulations!
3. Switch the power supply back on.
4. Transfer the coding of the transmitter buttons to the receiver (see „Program transmitters“).
5. Seal the flush-mounted installation box with the corresponding cover.

Wiring diagram



Wire cross-sections

Only wires with a cable cross-section of 0.5 mm² to 2.5 mm² shall be connected. The stripping length of the connecting wires is 6 to 7 mm.

PROGRAMMING

Program transmitters

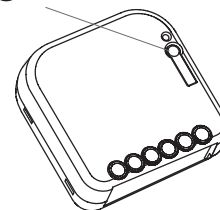
The RCJ33 only responds to programmed secwave transmitters. In order to program a transmitter, activate the programming mode, then press the rear PTx button on the transmitter and the transmitter channel button to be programmed.

Operation

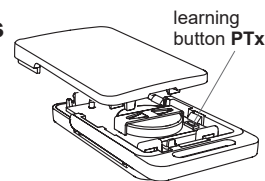
[Press button]	Indication	Note
① P 1x briefly	LED P flashes red 	Programming mode activated (approx. 30 sec.)
② PTx Learning button 1x briefly		Transmitter in programming mode
③ Tx Transmitter button 1x briefly	LED P lights up 2 seconds red 	Transmission code is programmed. When the LED turns off, the receiver is ready for operation.

To program in an RTC06/07 or RTI01, please proceed as described in the respective instructions.

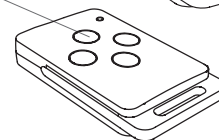
① **P < 2s**



② **PTx < 2s**



③ **Tx**



Deleting transmission codes

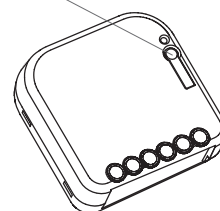
In delete mode, **individual** transmitters can be specifically deleted from the memory of the RCJ33.

Operation

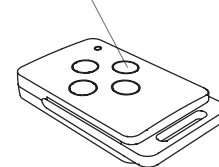
[Press button]	Indication	Note
① P 1x long	LED P flashes quickly red 	Delete mode activated (approx. 30 sec.)
② Tx Transmitter button 1x briefly	LED P lights up 2 seconds red 	Transmitter has been deleted. When the LED turns off, the receiver is ready for operation.

If the LED flashes very quickly for about 2 seconds when deleting, the transmitter button to be deleted was not programmed. The receiver remains in delete mode for approx. 30 seconds.

① **P > 2s**



② **Tx**



Reset

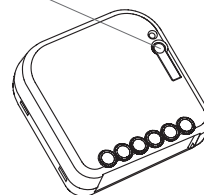
Doing a RESET, **all** programmed transmission codes are deleted.

Operation

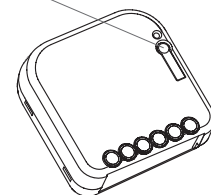
[Press button]	Indication	Note
① P 1x long	LED P flashes quickly red 	Delete mode activated (approx. 30 sec.)
② P 1x long	LED P lights up 4 seconds red 	All transmission codes have been deleted. When the LED turns off, the receiver is ready for operation.

A programming process can be cancelled by briefly pressing the P programming button several times. Once the LED turns off, the receiver returned to standby.

① **P > 2s**



② **P > 2s**



EXPLANATION

LED indications

- off
- lights up
- flashes
- flashes quickly

Press button

- briefly (<2s)** = Press button for less than 2 seconds
- long (>2s)** = Press button longer than 2 seconds

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

We will remedy defects on the device based on material or production errors or exchange the device within the statutory warranty period. Any unauthorized tampering with, or modifications to, the product shall render this warranty null and void.

Conformity

Hereby, ELDAT EaS GmbH declares that the radio equipment type RCJ33 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 the device does not work properly despite proper handling or in case of damage, please contact the manufacturer or your retailer.

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