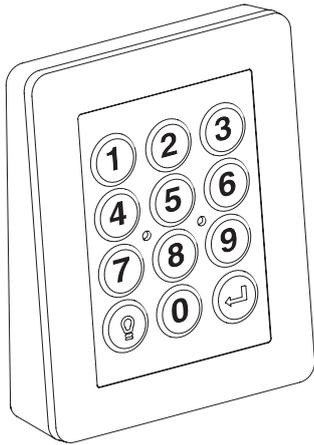
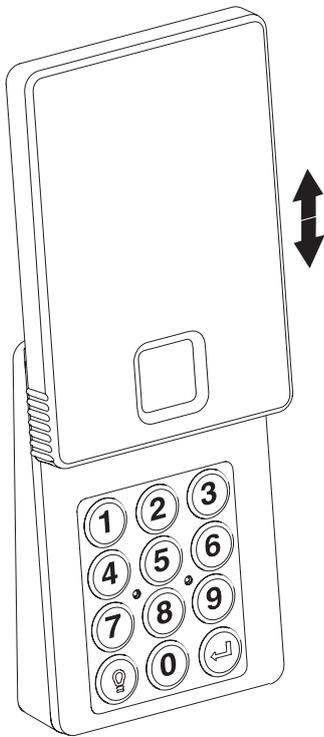


## Models



RTC06S5004A01



RTC07S5004A01

## Technical data

Frequency:	868.30 MHz
Modulation:	FSK
Wireless telegram:	secwave AES 128 Bit encrypted and Easywave A (light button)
Encryption:	AES 128-bit
Power supply:	2x batteries 1.5 V AAA
Operating temperature:	-20 °C to +60 °C
Range:	Outdoors approx. 150 m Indoors: approx. 30 m
Protection class:	IP54
Dimensions:	RTC06: 80x100x31 mm RTC07: 80x115x33 mm
Weight:	RTC06: 130 g RTC07: 170 g (including batteries)

## Scope of delivery

Wireless code keypad unit, 2x AAA batteries, wall bracket, attachment set, operating instructions

## Intended use

The wireless code keypad unit must only be used to operate secwave wireless receivers.

The manufacturer is not liable for any damage caused by improper or unintended use!

## Safety information



Before connecting this product, please read these instructions carefully!

Please also note the operating instructions of the wireless receivers.

Only operate transmitters when you can see the devices you are controlling! Failure to do so may put people in danger!

Keep the transmitter out of the hands of children!

Check the transmitter regularly to ensure that it is capable of transmitting!

Do not perform unauthorised modifications to the transmitter!

Have any malfunctioning transmitters inspected.

Keep batteries out of the reach of children.

## Function

The wireless code keypad unit RTC06 (mobile, removable from wall bracket, no cover) and RTC07 (fixed, screwed permanently into wall bracket, sliding cover) enable remote control access by entering a four-digit USER PIN. A total of three USER PINs can be set. Each USER PIN can be used to control a receiver.

It is also possible to generate a temporary PIN for a USER PIN that enables temporary access for certain visitors or service personnel. The temporary PIN can be used three times before being automatically deleted.

Additionally, the light function enables an additional device (e.g. outdoor lighting) to be activated without the need to enter a USER PIN.

To program the code keypad, a four-digit MASTER PIN is required. The factory default MASTER PIN is 0000. It can be changed by the user.

## Preparing the code keypad unit for operation

1. Place the batteries into the battery compartment and close the compartment with the battery cover. Refer to the section "Replacing the batteries" for more information.
2. Fix the wall bracket in place at the installation location. The RTC06 can be clipped into the wall bracket, while the RTC07 must be screwed into place. Refer to the section "Replacing the batteries" for more information.
3. Set up the USER PIN and program the code keypad unit into the receiver. Refer to the sections "Programming the code keypad unit" and "Setting the USER PIN and programming it into the receiver" for more information.

## Operating the code keypad unit

## Switching on the keypad illumination

Press any keypad numerical key. The keypad illumination will remain lit for 5 seconds.

## Activating the receiver

Enter your stored four-digit USER PIN or temporary PIN and press ENTER. The telegram for that USER PIN will be sent to the receiver. The code keypad unit is now enabled for 30 seconds, the LEDs will flash.

The transmission process can be repeated by pressing the ENTER key or any numerical key within the 30-second period. This can be used for instance to stop a gate movement without needing to re-enter the PINs. Each keypress extends the enable period for 30 seconds from that keypress.

If a PIN with more than four digits is entered only the last four digits will be recognised.

If the wrong PIN is entered three times in a row, the LED will flicker for 2 seconds and the code keypad unit will be locked. This is to prevent unauthorised access. After 2 minutes, the code keypad can be used again.

## Light function

The light function enables you to activate a different receiver without entering a USER PIN.

If the LIGHT key is programmed into the receiver (see section "Programming the wireless code keypad unit", "Programming the LIGHT key into a separate receiver"), you only need to press the key briefly to activate the receiver.

## Battery monitor

The code keypad units have a battery monitor function that monitors the batteries' charge. If the charge of the batteries is low, the LEDs will flash quickly for 10 seconds during transmission.

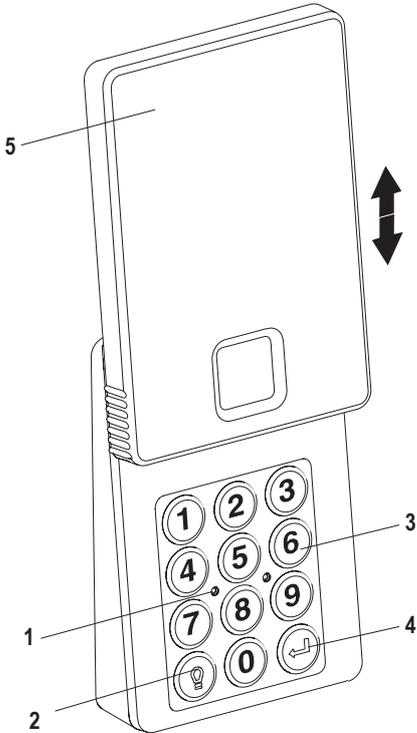
You should replace the batteries at this point (see section "Replacing the batteries").

## Programming the wireless code keypad unit



The programming must be performed within 30 seconds.

Each keypress extends the programming time of the code keypad unit to another 30 seconds as of the keypress.



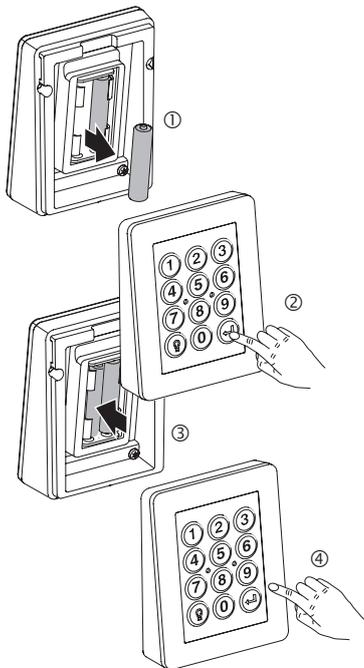
- 1 LED indicator
- 2 LIGHT key
- 3 Numerical keys
- 4 ENTER key
- 5 Sliding cover

Function	Operate [Press key]	Display	Remarks
<b>Changing the MASTER PIN or USER PIN</b>			
1.	Enter MASTER PIN		Factory default MASTER PIN: 0000
2.	2x ENTER	LEDs flash slowly in cycles of two	
3.	Enter the MASTER PIN or USER PIN to be changed		If an invalid PIN is entered, the PIN is not changed. The LEDs go off. Programming ends immediately if an invalid PIN is entered.
4.	ENTER	LEDs flash quickly in cycles of two	
5.	Enter the new four-digit MASTER or USER PIN		Flickering - If an invalid PIN is entered, the PIN will not be changed. The LEDs are no longer lit.
6.	ENTER	LEDs light up for around 2 seconds	
<b>Setting the USER PIN and programming it into the receiver</b>			
1.	Set the secwave receiver to learning mode		Refer to receiver operating instructions
2.	Enter MASTER PIN		Factory default MASTER PIN: 0000
3.	ENTER	LEDs flash slowly for 30 seconds	
4.	Enter desired four-digit USER PIN		User PIN is stored in code keypad unit and a learning telegram is sent to the receiver. If an existing USER PIN is entered, only a learning telegram will be sent to the receiver. Each USER PIN can be used to control a separate receiver.
5.	ENTER	LEDs light up briefly <sup>1)</sup>	
<b>Programming the LIGHT key into a Easywave receiver</b>			
1.	Set the Easywave receiver to learning mode		Refer to receiver operating instructions
2.	Press the LIGHT key	LEDs light up as long as the button is pressed	Easywave code A has been programmed into the receiver.
<b>Creating a temporary PIN</b>			
1.	Enter MASTER PIN		Factory default MASTER PIN: 0000
2.	3x ENTER	LEDs flash slowly in cycles of three	
3.	Enter valid USER PIN		Temporary PIN triggers same functions as selected USER PIN. Only a temporary PIN can be assigned.
4.	ENTER	LEDs flash quickly in cycles of three	
5.	Enter desired four-digit temporary PIN		PIN can be used three times. Any existing temporary PIN will be overwritten.
6.	ENTER	LEDs light up for around 2 seconds	Temporary PIN is saved in the code keypad unit.

1) If the LEDs flicker for around 2 seconds, the USER PIN has not been saved. This may be caused by any of the following:

- PIN was shorter than four digits
- Memory is full (3 PINs are already stored)
- New USER PIN is identical to MASTER PIN

## Programming the wireless code keypad unit

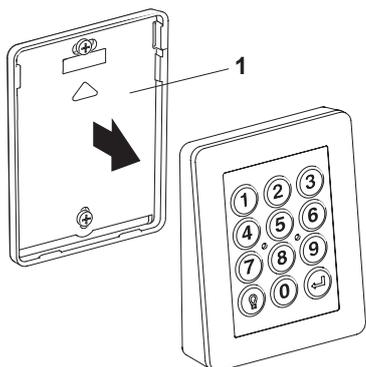


Function	Operate [Press key]	Display	Remarks
<b>Reset</b>			
①	Remove battery		See "Changing the batteries"
②	Hold down ENTER key		
③	Re-insert battery	LEDs flicker	Ensure that the terminals are correctly inserted!
④	Release ENTER key	LEDs light up for around 2 seconds	User PINs will be deleted in the code keypad unit and the MASTER PIN will be reset to 0000. The code keypad unit is no longer recognized by the receiver and must be programmed into the receiver again.

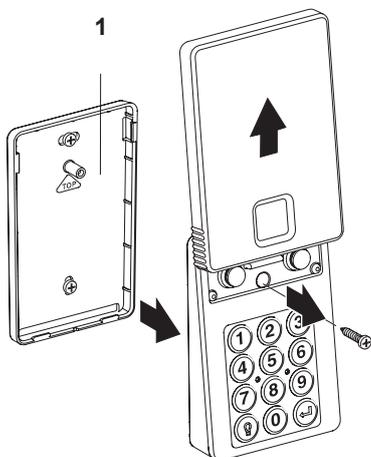
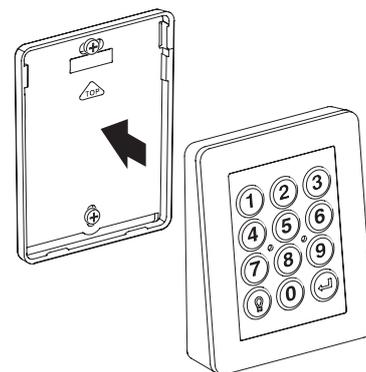
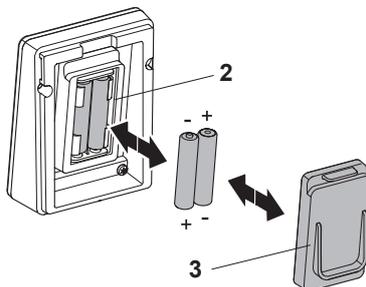
## Replacing the batteries



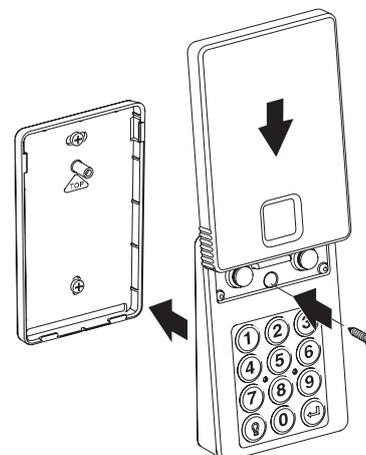
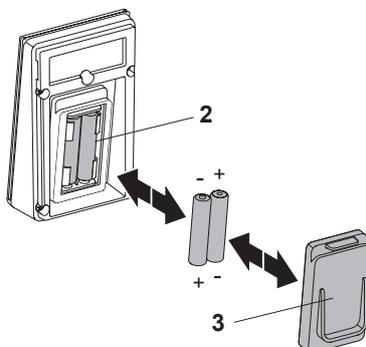
Only use 1.5 V AAA batteries.  
Ensure that the terminals are correctly inserted!



RTC06SE5004A01



RTC07SE5004A01



- 1 Wall bracket
- 2 Battery compartment
- 3 Battery compartment cover

## Troubleshooting

The LEDs do not light up:

- Replace the batteries, or check that the batteries are inserted the right way around.

The LEDs flash 10 times in quick succession after the transmission process:

- Replace the battery.

The receiver does not respond:

- Reduce the distance between the transmitter and receiver, or reprogram the code keypad unit.

Code keypad unit cannot be operated. The LEDs are flashing:

- An invalid PIN has been entered three times and the device has been locked. Wait for two minutes for the code keypad unit to unlock itself automatically.

## Disposal

**Waste electronic equipment and batteries must not be disposed of with household waste!**

Dispose of the waste equipment via collection facilities for electronic scrap or via your specialist dealer.



Dispose of waste batteries in a disposal container for waste batteries or via your specialist retailer.

Dispose of packaging material in the recycling bins for cardboard, paper and plastic.



## Warranty

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

Any unauthorised tampering or modifications will render this warranty null and void.

## Conformity



Hereby, ELDAT EaS GmbH declares that the radio equipment type RTC06/RTC07 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](http://www.eldat.de)

## Customer service

If, despite proper handling, the device does not work properly or if the device has been damaged, please contact the manufacturer or your retailer.

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