

**Models**

<b>RTC02-4104M-01</b>	433.92 MHz
<b>RTC02-5004M-01</b>	868.30 MHz

**Technical Details**

Frequency:	433.92 MHz or 868.30 MHz
Modulation:	ASK
Power supply:	2 batteries 3V, CR 2032
Current consumption:	approx. 11 mA
Dimensions:	70 x 100 x 30 mm
Weight:	approx. 120 g
Operating temperature:	-20°C to +60°C

**Intended Use**

The Wireless Keypad may only be used to operate ELDAT radio controls.

The manufacturer does not assume any liability for damage caused as a result of improper or non-intended use!

**Safety Advice**



Carefully read through these instructions before connecting and operating the unit!  
Note also the operating instructions of the radio control(s)!

Have faulty units checked by the manufacturer!

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

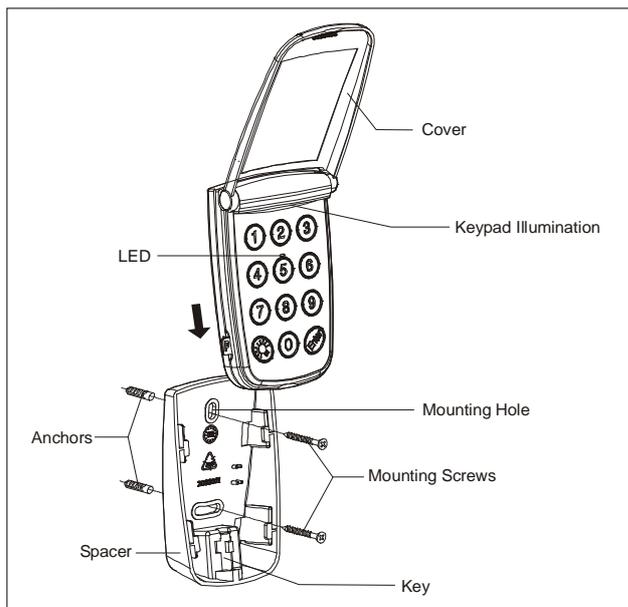
**Function**

The Wireless Keypad offers the convenience of an access control by entering an individual 4-digit Personal Identification Number (PIN) on the keypad. It can either be programmed to control up to 3 access systems (e.g. Door Locking Systems, Garage Door Openers) each with its own unique code, or to control one access system with up to 3 different PINs. It can also be programmed to allow a temporary PIN of your choice to be stored, to provide temporary access to authorized visitors or service personnel.

An additional device (e.g. a yard light) can be controlled without entering a PIN (Light Function).

**Mounting the Wireless Keypad**

- Choose location for mounting your Wireless Keypad.
- Use the mounting holes at the top and bottom of the spacer as a guide to mark hole locations and drill two pilot holes.



- Secure the spacer to the mounting surface with the screws provided. For mounting surfaces that are not made of wood, different anchoring means may be needed.
- Snap the Wireless Keypad into the spacer.

- Use a coin to turn the key on the bottom of the spacer clockwise to lock the Wireless Keypad in its position.

**Note:**

You can optionally order a mortise lock and insert it into the spacer instead of the key.

**Setting Up Your PIN and Transferring the Code**

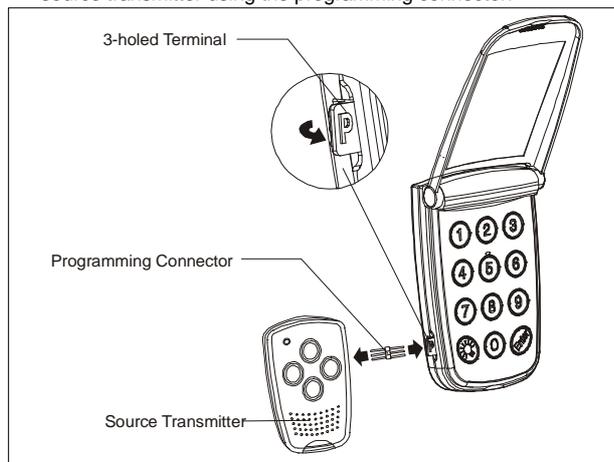
**Transferring a Code for Access Control to the Wireless Keypad from a Transmitter:**

The Wireless Keypad is factory pre-programmed with 3 random codes and 3 PIN's for access control. The factory pre-programmed PINs are

- PIN 1: 1-2-3-4
- PIN 2: 2-3-4-5
- PIN 3: 3-4-5-6.

You can transfer the code of another transmitter to the Wireless Keypad. One of the three pre-programmed codes will be overwritten.

- Open the terminal area and connect the Wireless Keypad to the source transmitter using the programming connector.



- Press and hold the source transmitter button you use to control your access system. On the Wireless Keypad, press the ENTER button. The keypad illumination turns on.
- Type in the 4-digit PIN, of which the corresponding code is to be overwritten. Press the ENTER button again. Keep the source transmitter button pressed until the LED on the Wireless Keypad blinks rapidly.
- The Wireless Keypad has now memorized the code from the transmitter, and stored it under the PIN which was entered.
- You can transfer the code of two additional channels. For each of these codes, follow the same steps as above, with one exception: you must enter in a different PIN for each code. Each code requires a unique PIN.
- Remove the programming connector and close the terminal area.

**Transferring a new Code for the Light Function to the Wireless Keypad from a Transmitter:**

The Light Function is factory pre-programmed with its own code. An existing transmitter code could be transferred to the Light Function.

- Open the terminal area and connect the Wireless Keypad to the active transmitter using the programming connector.
- Press and hold the button of the transmitter you use to activate the other device with. On the Wireless Keypad, press the ENTER button. The keypad illumination turns on.
- Press the LIGHT button. Press the ENTER button again. Keep the transmitter button pressed until the LED on the Wireless Keypad blinks rapidly.
- The Wireless Keypad has now learned the new code for the light function from the transmitter. Remove the programming connector and close the terminal area.

### Storing More than One PIN for the Same Code:

It is possible to store 3 different PINs for the same code to allocate them to 3 different individuals.

- For each PIN, follow the same steps as shown in section "Transferring the Code for Controlling your Garage Door". Repeat the procedure for each PIN, using the same transmitter each time. This will store the same code under 3 different PINs.

### Storing a Temporary PIN:

A temporary PIN can be stored which will permit operation for 3 times only.

- Press and hold "button 1" on the keypad for 3 seconds until the LED on keypad blinks rapidly. Enter your original PIN and press the ENTER button.
- Enter a temporary 4-digit PIN of your choice followed by the ENTER button.
- The LED on the keypad will illuminate for 2 seconds, then the Wireless Keypad will shut itself off and the keypad illumination will turn off. The Wireless Keypad is now ready for use again.
- To use the Wireless Keypad with the newly stored temporary PIN, enter the 4-digit temporary PIN and press the ENTER button. This can be done 3 times, after which the temporary PIN will be automatically erased.

### Using the Wireless Keypad

For the protection of keypad, keep the cover closed when not in use.

#### Switching On the Keypad Illumination:

- Press the LIGHT button. The keypad illumination turns on for 5 seconds.

#### Controlling an Access System:

- Enter the programmed 4-digit PIN followed by pressing the ENTER button.
- The Wireless Keypad will remain active and the LED will flash for approximately 18 seconds after pressing the ENTER button. If you press any button (except the LIGHT button) within these 18 seconds, a new radiogram is transmitted, and the Wireless Keypad will remain active for an additional 18 seconds.
- Under certain conditions, your access system may require constant pressing of a button to operate (Dead Man's Control). In this case, enter your 4-digit PIN then press and hold the ENTER button.

**Note:** If a PIN with more than 4 digits is entered, the Wireless Keypad reads the last 4 digits. If an invalid PIN is entered 3 times in a row, the Wireless Keypad automatically shuts off to prevent tampering or unauthorized use. After 2 minutes, the Wireless Keypad can be used again.

#### Light Function (Switching other Devices):

- To switch another device (e.g. a yard light), press the LIGHT button followed by the ENTER button.

### Changing the PIN

- Press and hold "button 0" on the keypad for 3 seconds until the LED on the keypad blinks rapidly.
- Enter the PIN which is to be changed followed by pressing the ENTER button.
- Enter the new 4-digit PIN followed by pressing the ENTER button. The LED on the keypad will turn on (no flashing) for 2 seconds.
- The Wireless Keypad is now ready for use again with the new PIN (The old PIN is no longer valid).

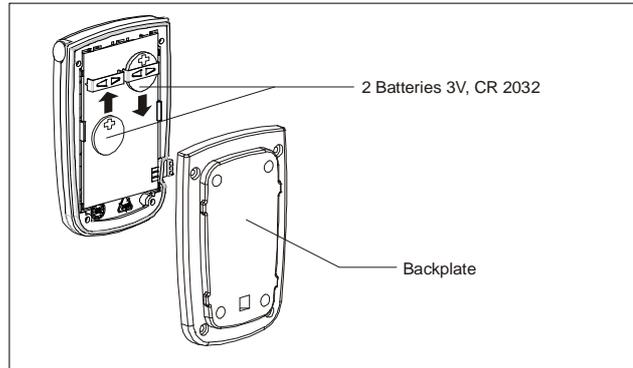
### Clearing the Memory

- Press and hold the LIGHT button on the keypad for 3 seconds until the LED on the keypad blinks rapidly.
- Enter the PIN 9-9-9-9.
- Release the LIGHT button. The memory is cleared. The LED on the keypad will illuminate for 2 seconds.

**Note:** After clearing the memory, the Wireless Keypad is programmed with 3 random codes and the PIN's 1-2-3-4, 2-3-4-5 and 3-4-5-6 for the access control and an additional random code for the light function.

### Replacing the Batteries

- Turn the key on the bottom of the spacer counterclockwise and remove the Wireless Keypad from the spacer.
- Release the backplate of the Wireless Keypad.
- Remove the old batteries.



- Replace with 2 new 3V batteries, CR 2032. Make sure the polarity is correct. Test the functional capability. (The Wireless Keypad is designed to memorize all previously programmed codes and PINs while the battery is being replaced).
- Replace the backplate.

**Caution!** Keep batteries out of reach of children!

### Disposal

**Waste electrical products and batteries 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.



Dispose of used batteries in a recycling bin for batteries or via the specialist trade.



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 complies with the essential requirements of the R&TTE Directive 1999/5/EC.



For use in: EU/CH/FL/IS/N

The Declaration of Conformity can be found on the Internet at: [www.eldat.de](http://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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Im Gewerbepark 14  
15711 Zeesen  
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Phone: + 49 (0) 33 75 / 90 37-0  
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