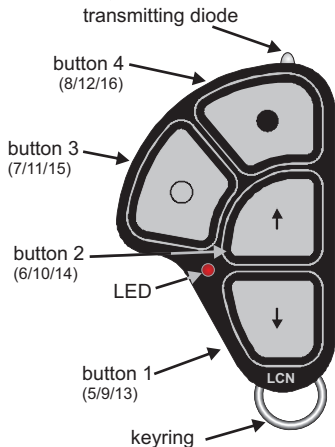


Remote control hand transmitter with 4 keys

The LCN-RT is a remote control hand transmitter with 4 keys for building installation in LCN Bus technology.

The 4 keys of the LCN-RT can be stored in 4 levels, so that a total of 16 keys can be used.



Depending on the duration of contact, an LCN control command will be sent accordingly (Hit, Hold, Release).

Additional functions:

1. With the help of a hand transmitter storable key code, locking systems can be carried out or many remote controls put into groups: The receivers will only react to known transmitters.
2. For the large access control together with the GVS visualization system or the small access control (transponder functionality) with an LCN module, the fixed serial number of the LCN-RT will be evaluated, to make it possible for a personal identification.

The LCN-RT is also available with a left handed version (LCN-RTL).

Included in delivery

LCN-RT & carabiner

operation

The signals from an LCN-RT will be received from an LCN Infrared receiver (LCN-RR / LCN-GRT) or the Glass-sensor key LCN-GT3L (LCN-RR integrated) and transferred over the I-connection of the LCN module. The remote control works optionally on the keys A1-A8 / B1-B8 or B1-B8 / C1-C8. In the menu "connections>I-connection" the table B+C can be activated instead of the table A+B. Table A will stay free for other tasks. When using the serial number evaluation (transponder codes) an optional key can be chosen as "start key", the rest of the 15 keys will carry out the following keys, example: with start key B5 the following 15 keys will be carried out: B6-B8 then C1-C8, then D1-D5. In this way the LCN-RT can trigger keys in the D table.

Alternatively the access control can also be set up, so the LCN-RT always carries out commands on the start key, no matter which key was pressed.

battery life

The battery life varies depending on the use of the remote control. With normal operation the battery will last 2-3 years. The LED signals the button contact (flashes once). Should the battery get near the end of its life, the LED will flash twice with contact.

Key codes:

Key codes are numbers with four digits from the buttons 1 to 4. Example: 4431 or 2132. Through parameterization on the I-connection, an IR-receiver can be locked, so that only telegrammes with certain key codes are accepted. Only hand transmitters with one of the stored codes can function on this receiver. When delivered the transmitter contains the code 1111. Possible combinations are from 1112-4443 (containing digits 1-4).

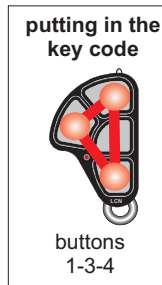
Putting in the key codes:

Press the buttons 1, 3 and 4 together, until you hear a double signal tone. simply tip in the the four digits one after another. After the last digit you will hear a long signal tone as varification, that the code has been successfully stored. Putting in the key code will only function when a code has not already been selected. Due to safety grounds, the code can only be given in once: After saving, the transmitter will no longer react to the button combination 1-3-4.

Should you falsely tip while putting in the code, you can simply stop and wait 2 seconds: the transmitter will erase the selected digits and indicate this with a long signal tone.

Erasing a key code:

Open the battery cover and remove the battery (during this time you can press the RT, to unload any voltage that's left). After about 2 minutes press the button 4 and kepted pressed whilst replacing the battery. The transmitter is now ready for a new code.



Toggleing the button levels:

| | |
|--------------------------|------------------------------|
| level 1 (buttons 1-4): | standard levels |
| level 2 (buttons 5-8): | press buttons 2 & 4 together |
| level 3 (buttons 9-12): | press buttons 3 & 4 together |
| level 4 (buttons 13-16): | press buttons 1 & 3 together |

button overview



A long signal tone indicates a successful level change.

The signal tone sounds different (louder), when you use it in the button levels 2, 3 or 4.

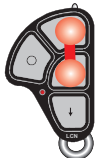
4 seconds after the last buttons are pressed, the standard level will automatically be activated again. The transmitter will then give a short signal tone.

button level 1



standard level

button level 2



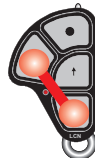
buttons 2&4

button level 3



buttons 3&4

button level 4



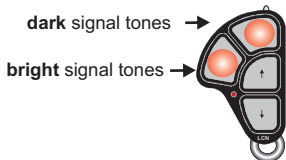
buttons 1&3

Configuring the signal tones and the long-press-recognition:

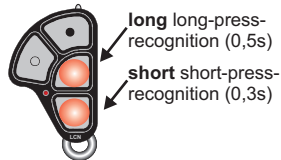
You can call up the configuration levels, by pressing the button combination 1-2-3 together. Here you can change the signal tone and the duration of the long-press-recognition. The configuration level will be left after 2 seconds when no button is pressed. When you press a button, the settings are stored and the standard level is activated right away.

configuration level

buttons
1-2-3

signal tones

button
3 or 4

long-press-recognition

button
1 or 2

Note:

When the battery is detected as empty (LED flashes twice when pressed), a change into the configuration level is no longer possible.

Technical data:

| | |
|----------------------|---|
| range: | max. 10 metres (in buildings) |
| transmitting angle: | 20° rotation symmetrical |
| buttons: | 4 x 4 button levels |
| commands per button: | 3, Hit, LONG, RELEASE |
| coding: | four digits - user defined, additional serial number |
| battery: | Lithium cell CR2032, lasts for 2 years operation. |

General data:

| | |
|-------------------------|-------------------------------|
| dimensions (B x H x D): | 40mm x 62mm x 10mm |
| housing: | ABS |
| operating temperature: | -10°C bis +40°C |
| air humidity: | max. 80% rel., non condensing |
| protection art: | IP 20 |

Obligation according to laws about batteries

Old batteries should not be thrown into household waste. If batteries get into the environment, this can lead to environmental and health damages. You can give used batteries back to your dealer and collection points free of charge. As a consumer you are committed to return old batteries by law.



Technical information and images are non binding. Changes are reserved.
Technical hotline: +49 5066 998844 or www.LCN.de