Marantec
Antriebstechnik

Marantec
bi·linked
Radio Accessories

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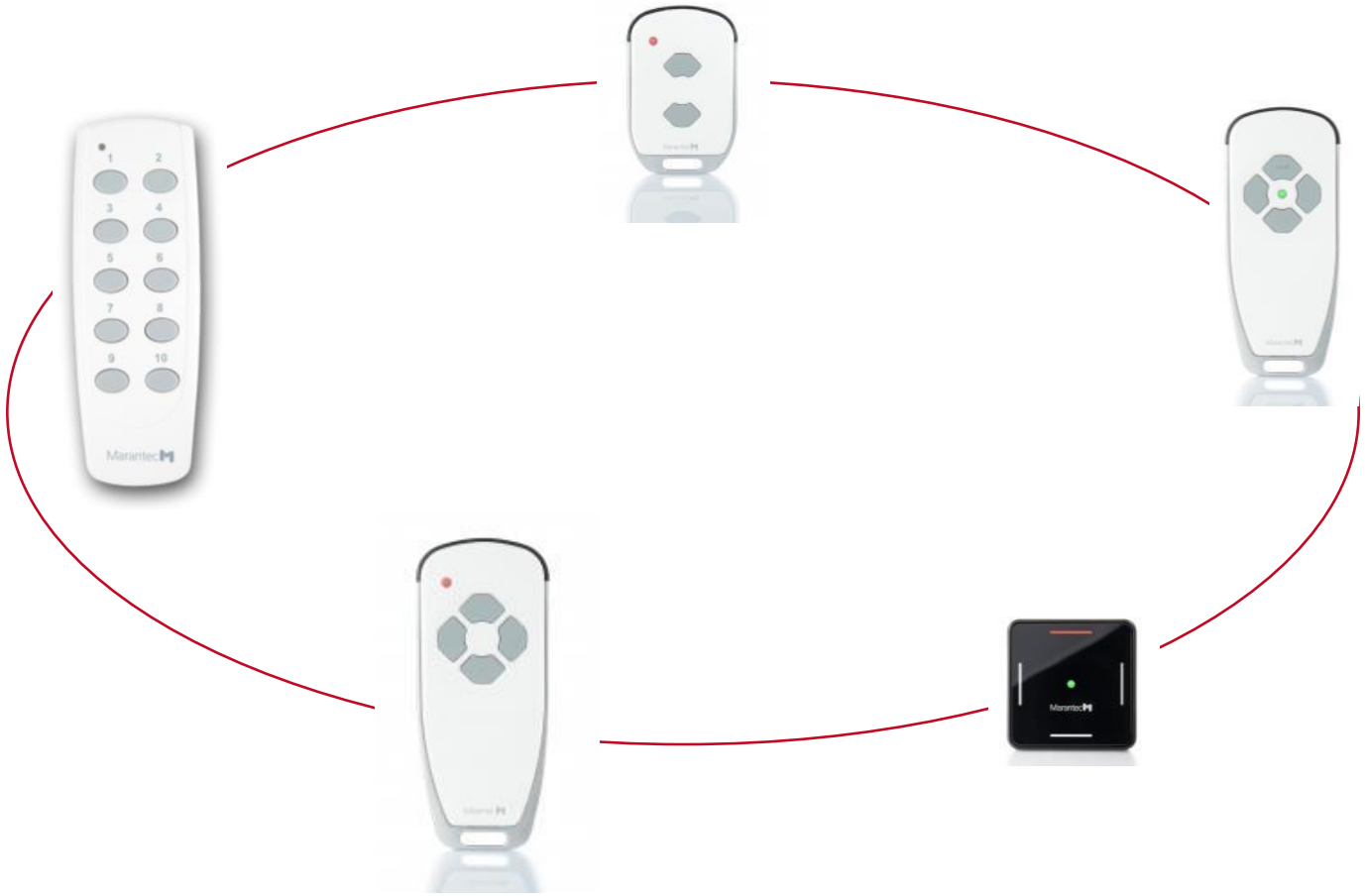
Impressions transmitters



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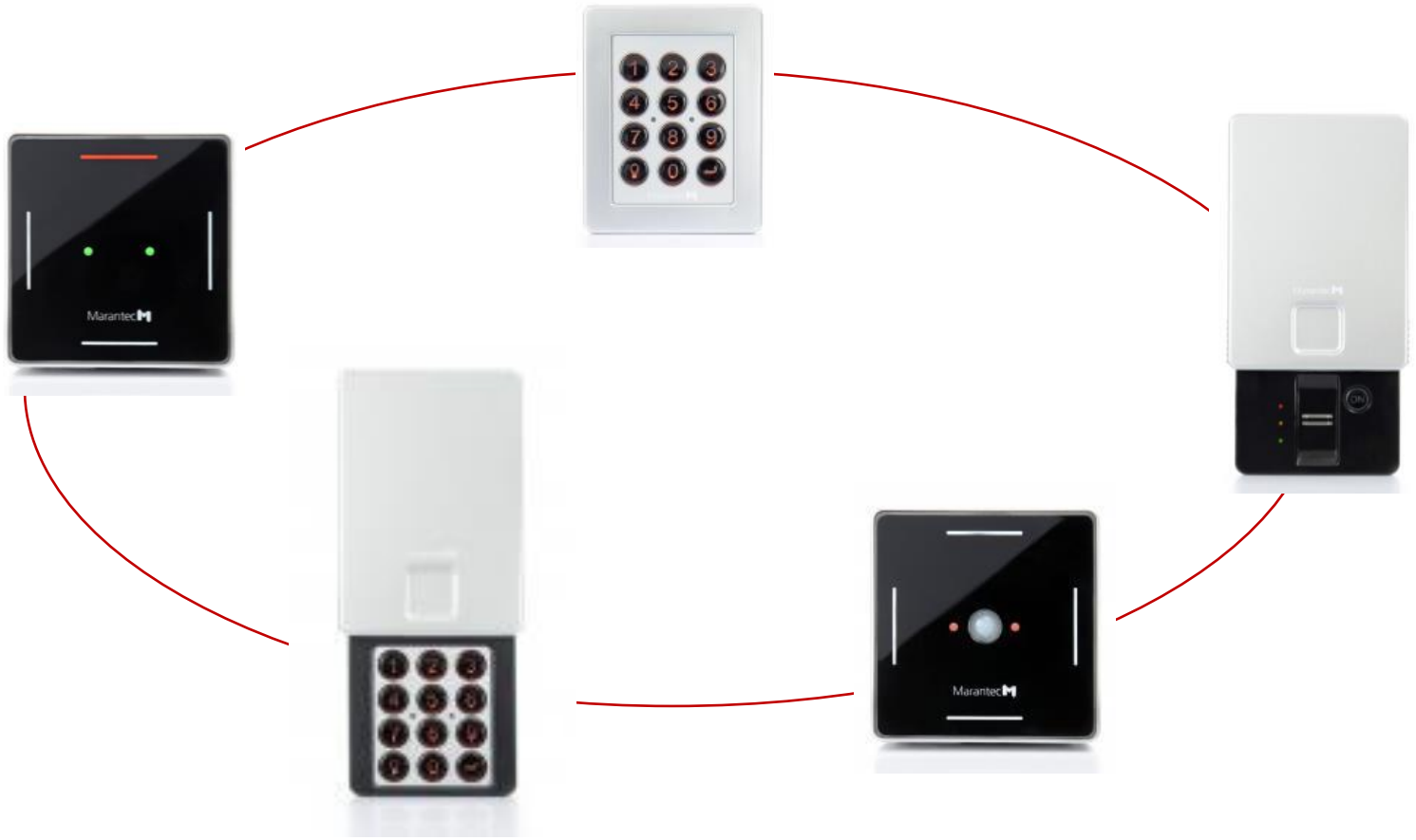
Impressions wall controls



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Marantec Antriebstechnik

Simple encoding
(e. g. Multi-Bit)

Complex encoding
(e. g. bi·**linked**)

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uni-directional

Transmitter

radio signal

Receiver
bi·**linked** decoder
Memory

bi-directional

Transmitter | Receiver

radio signal

radio signal

Transmitter | Receiver
bi·**linked** decoder
Memory

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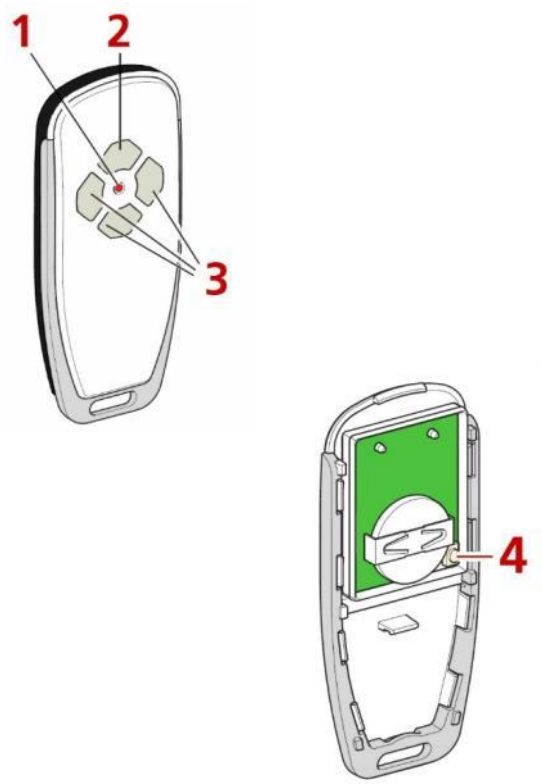
Hand transmitter bi-directional



Functions (3-channel transmitter)

- Impulse
- Direction orders
- Door position request
- Travel direction signalling
- Button lock

Caption

1 LED indicator
2 Status button
3 Function buttons
4 Programming button

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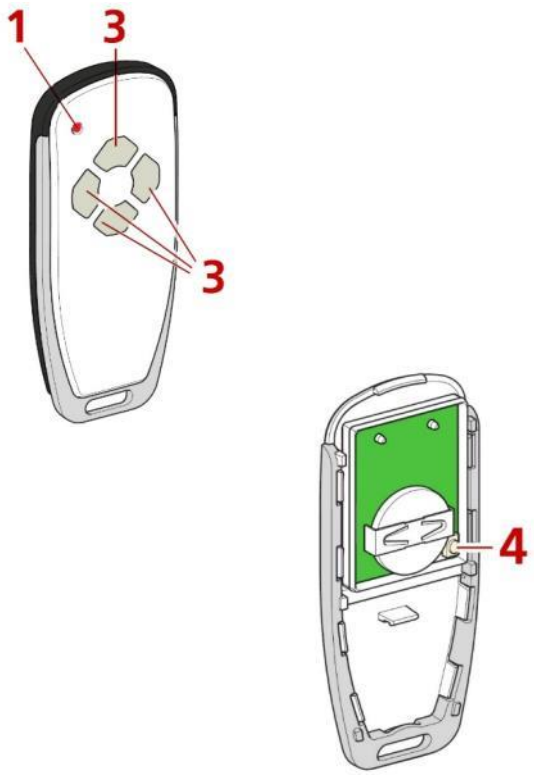
Hand transmitter uni-directional



Functions (4-channel transmitter)

- Impulse
- Direction orders
- Button lock

Caption

1 LED indicator
3 Function buttons
4 Programming button

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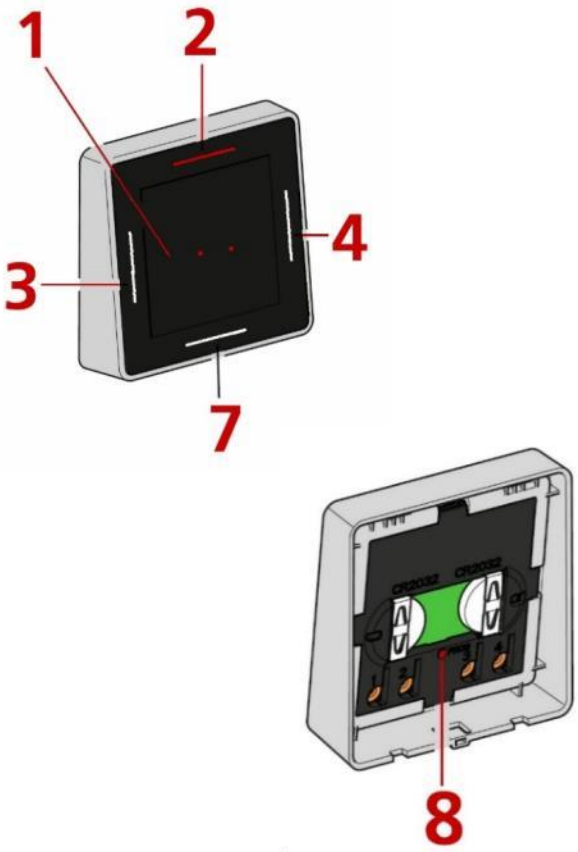
Radio push button with status request bi-directional



Functions

- Impulse
- Direction orders
- Door position request
- Travel direction signalling
- Holiday mode
- Conventional cabling external push button (both channels)

Caption

1 LED indicator
2 Status button
3/4 Function buttons
7 Holiday button
8 Programming button

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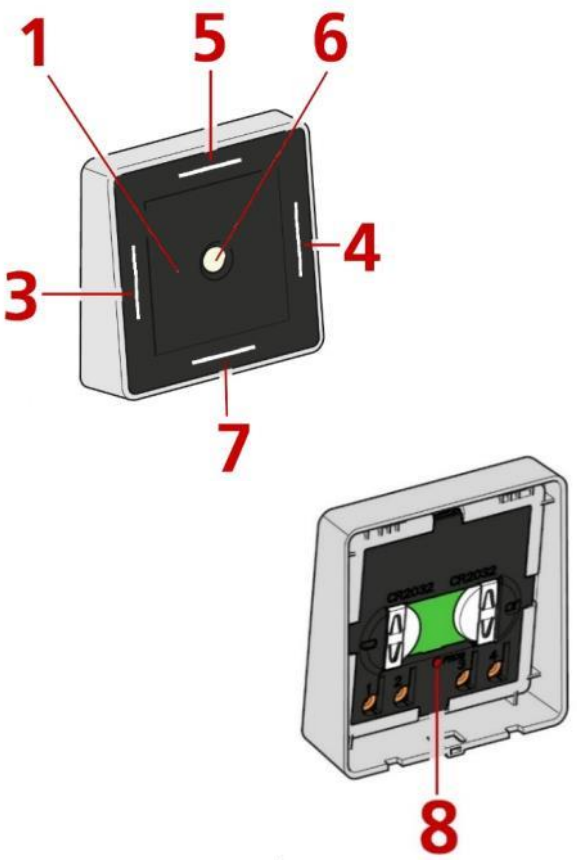
Radio push button with motion detector bi-directional



Functions

- Impulse
- Direction orders
- Light switching by motion detector
- Holiday mode
- Conventional cabling external push button (both channels)

Caption

1 LED indicators
3/4 Function buttons
5 Light button
6 Motion detector
7 Holiday button
8 Programming button

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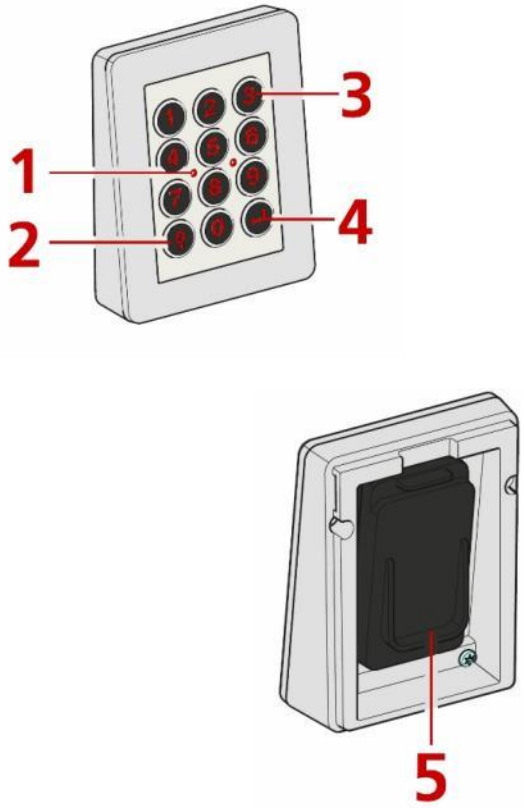
Radio code keypad uni-directional



Functions

- Impulse
- 3 user codes
- 1 master code
- Temporary code (3 times usable)
- Light control
- Reset function

Caption

1 LED indicators
2 Light button
3 Digit buttons
4 Enter button
5 Battery compartment cover

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Radio fingerprint reader uni-directional

Functions

- 20 user fingers for operation
- 2 channels
- Deleting of single or all user fingers
- Reset

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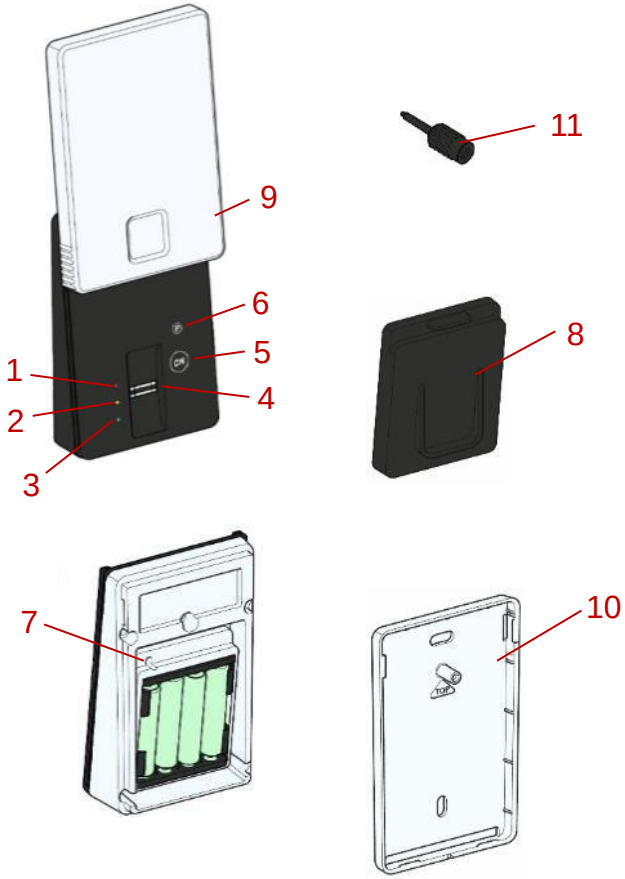
Radio fingerprint reader uni-directional



Caption

1 LED indicator red
2 LED indicator yellow
3 LED indicator green
4 Reader module
5 Power button (ON)
6 Front programming button
7 Rear programming button
8 Battery compartment cover
9 Sliding cover
10 Wall mounting
11 Programming pin for the rear programming button

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Programming & Operation

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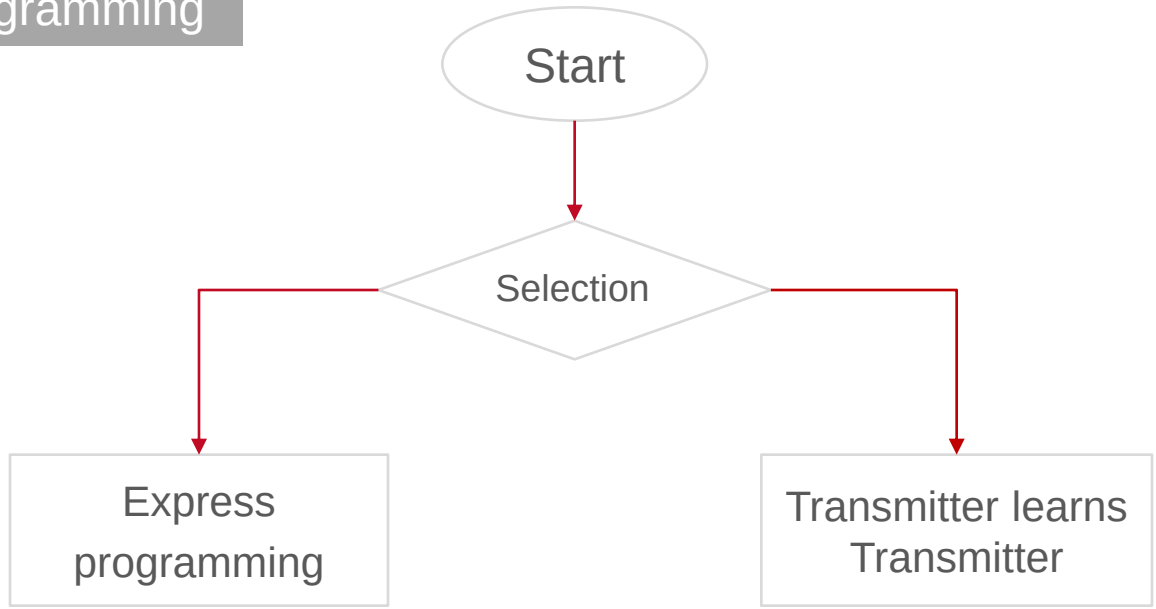
Radio programming



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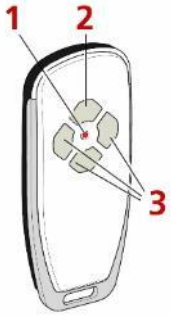
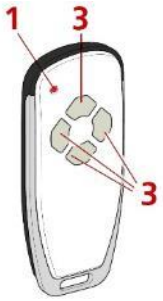
Radio | Express programming





Start

Set express programming radio at control unit

Programming button (4) → Learning mode will be activated

Function button (3) → Learning telegram will be sent

End

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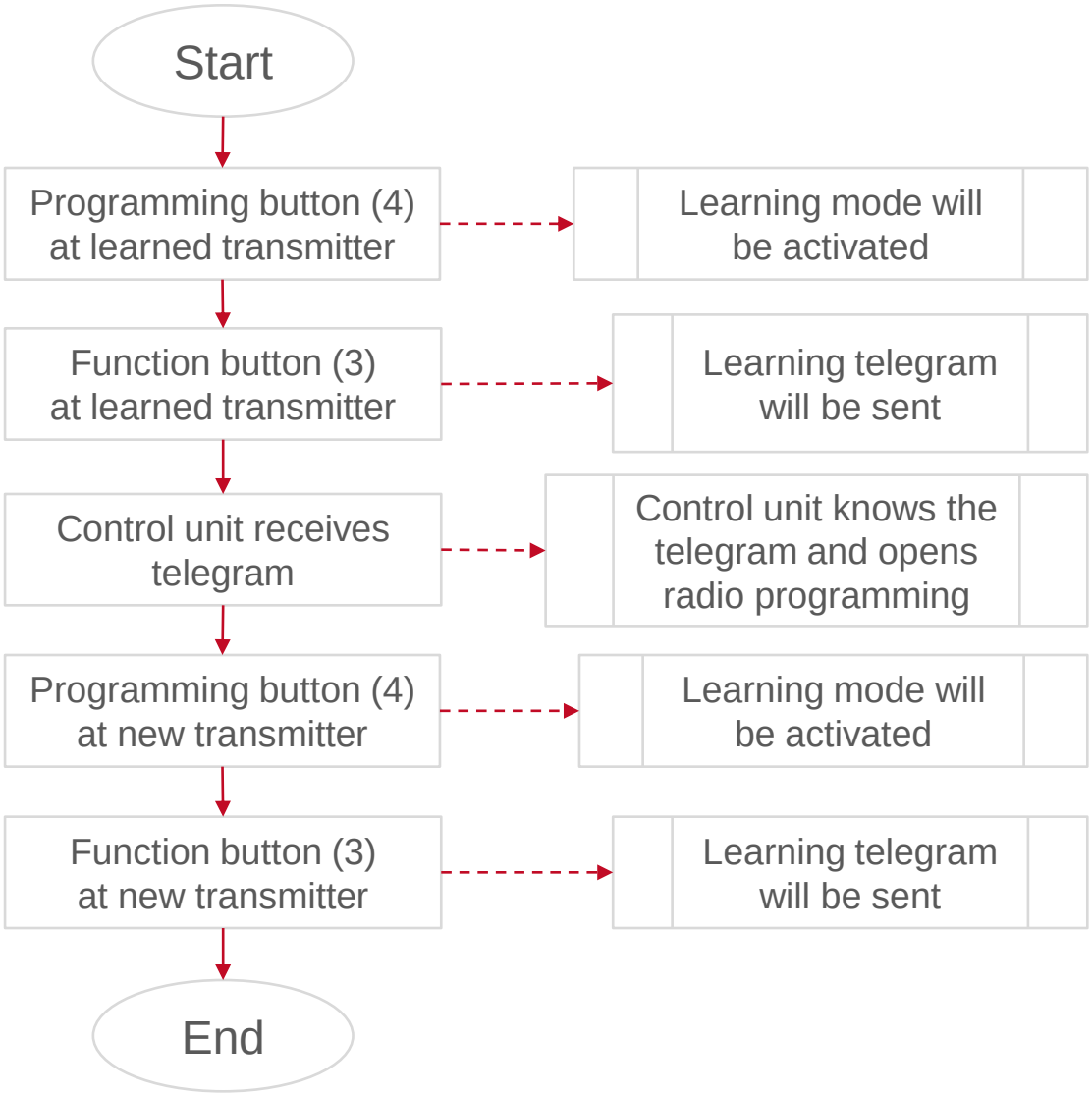
Radio | Transmitter learns Transmitter



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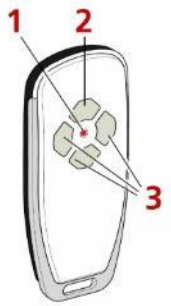
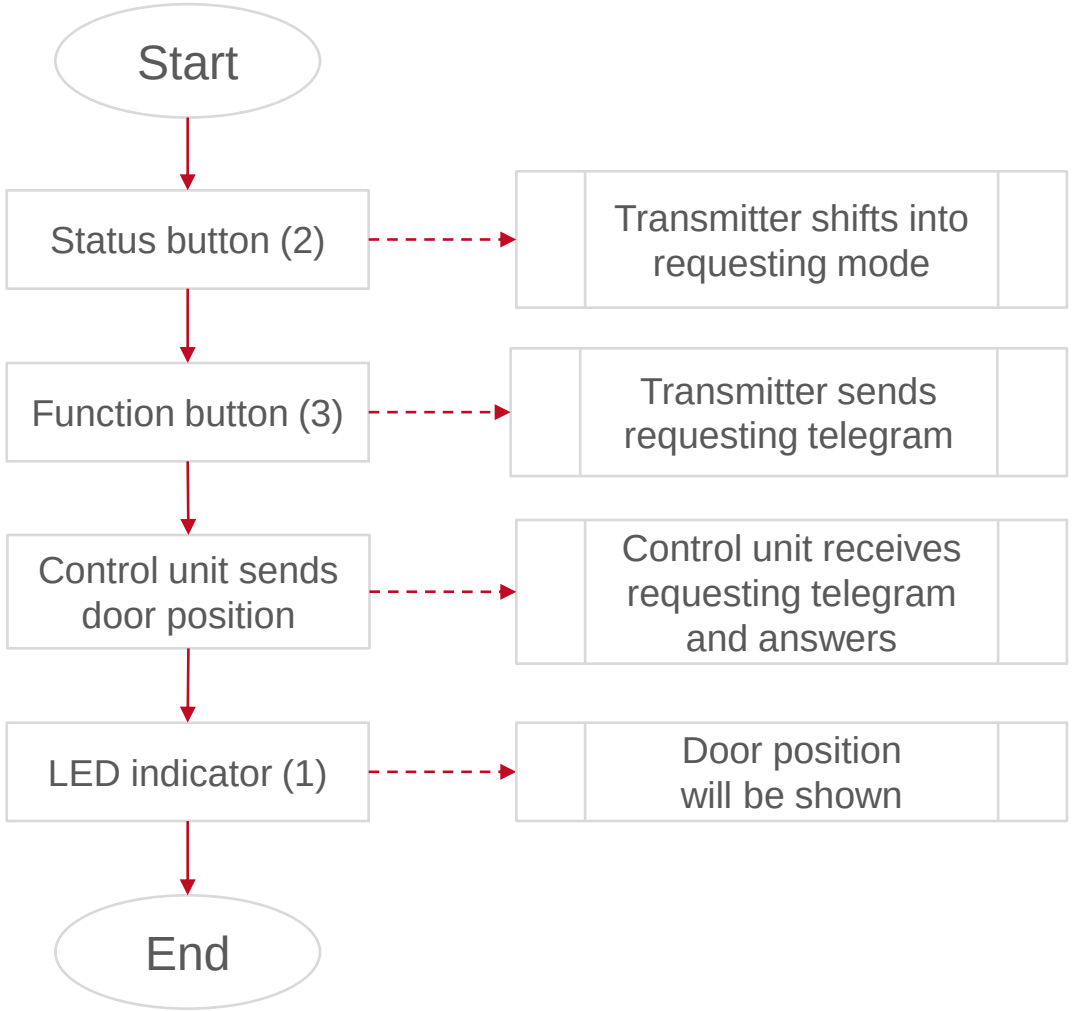
Door position request





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Door position request | LED indication

Door is open

Red LED lights up

Door is closed

Green LED lights up

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Door position request | LED indication

Door moves to position OPEN or is in intermediate position OPEN

Red LED blinks

Door moves to position CLOSE or is in intermediate position CLOSE

Green LED blinks

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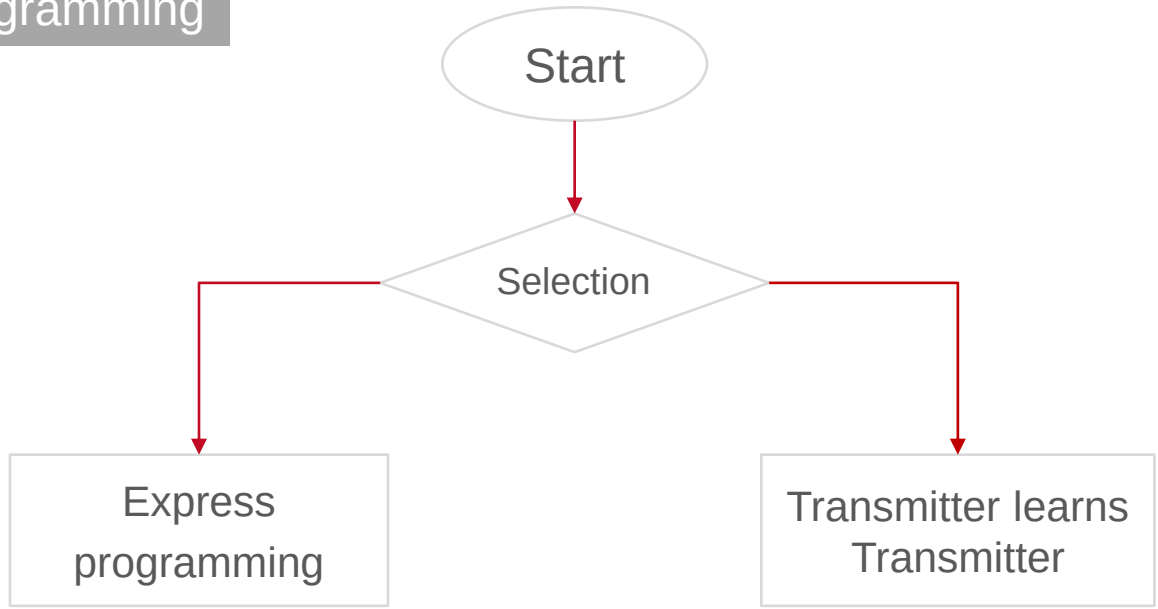
Radio programming



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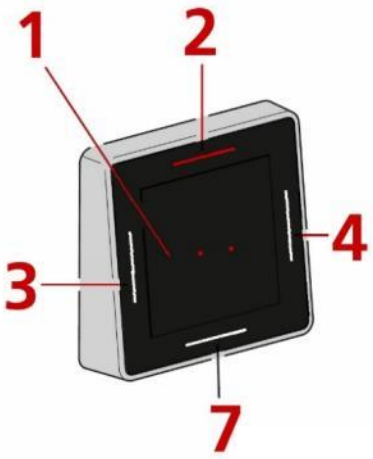
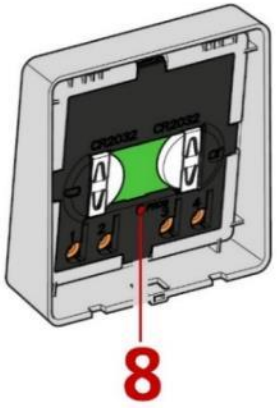
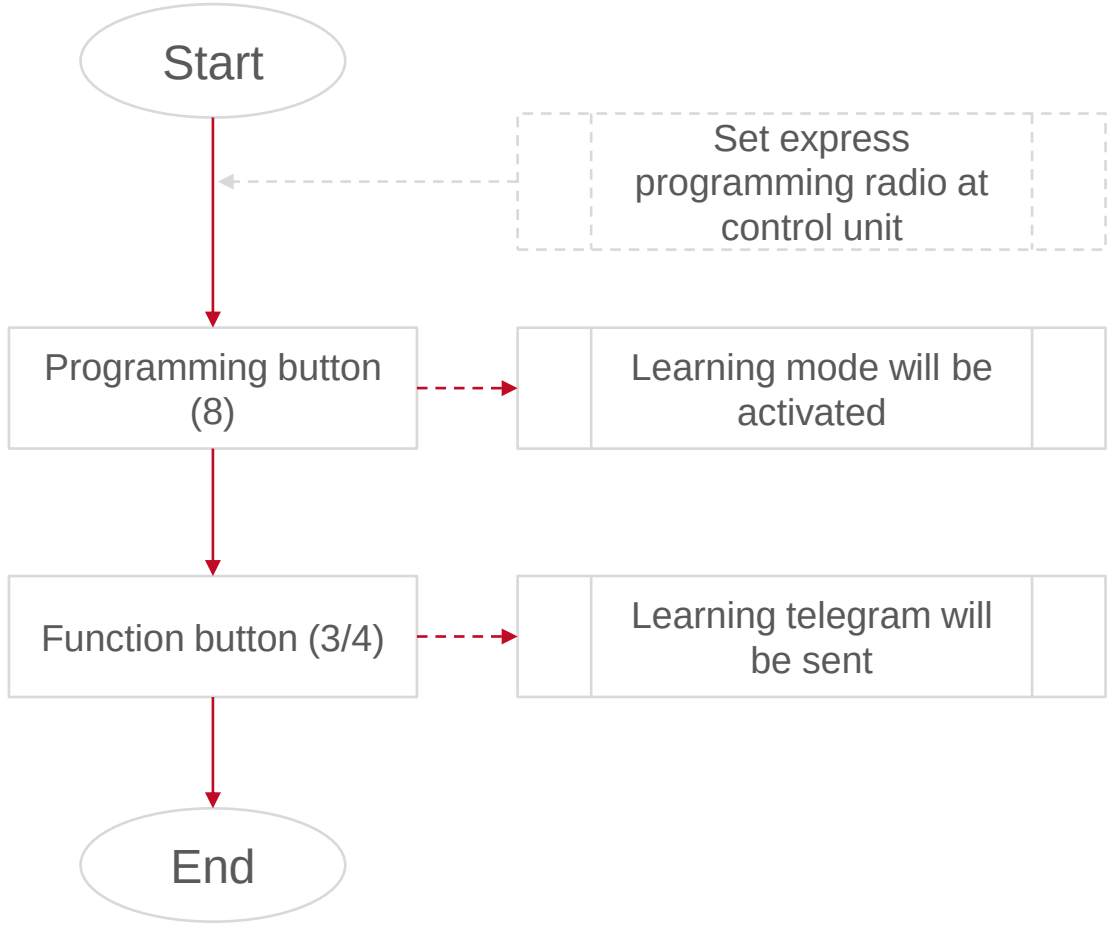
Radio | Express programming







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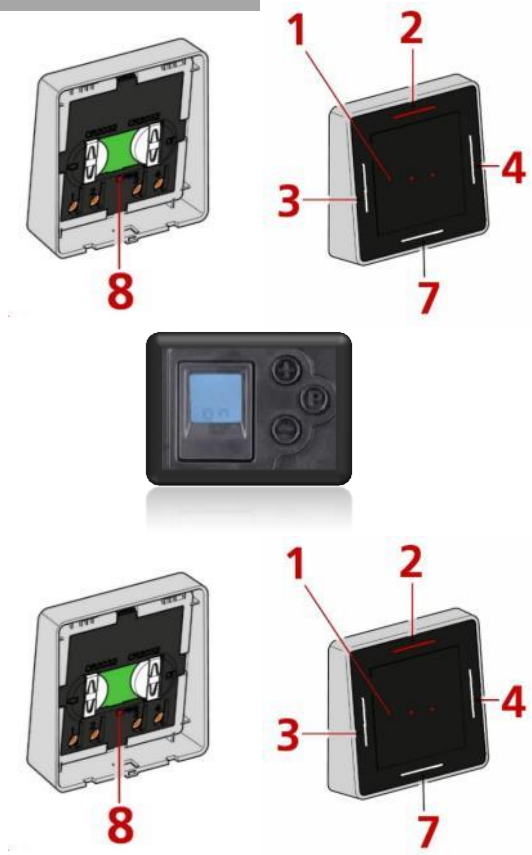
Radio | Transmitter learns

Transmitter



Start

Programming button (8) at learned transmitter → Learning mode will be activated

Function buttons (3/4) at learned transmitter → Learning telegram will be sent

Control unit receives telegram → Control unit knows the telegram and opens radio programming

Programming button (8) at new transmitter → Learning mode will be activated

Function button (3/4) at new transmitter → A learning telegram will be sent

End

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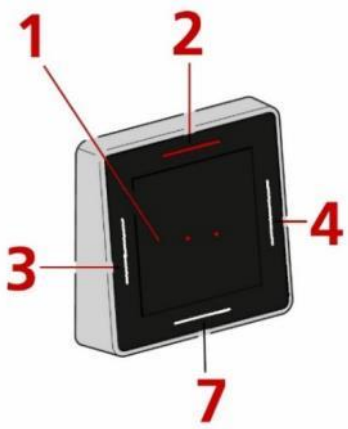
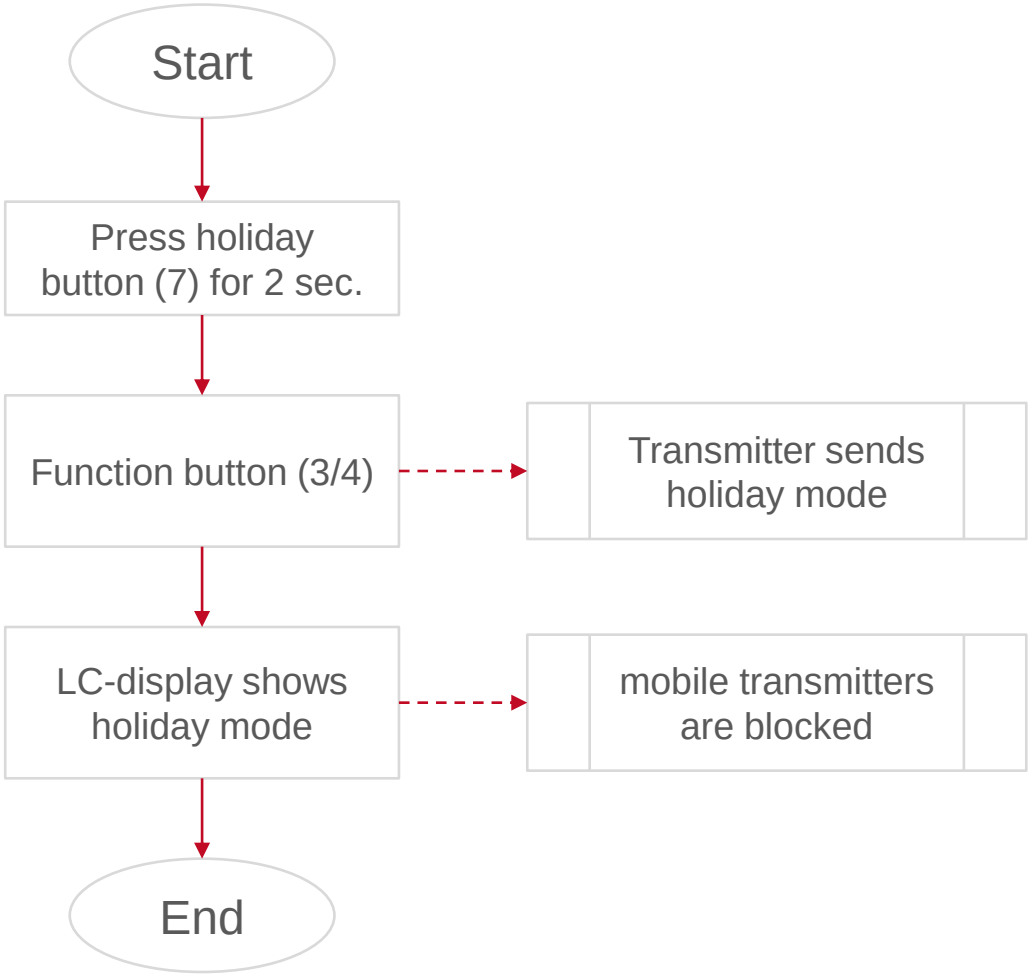
Holiday mode





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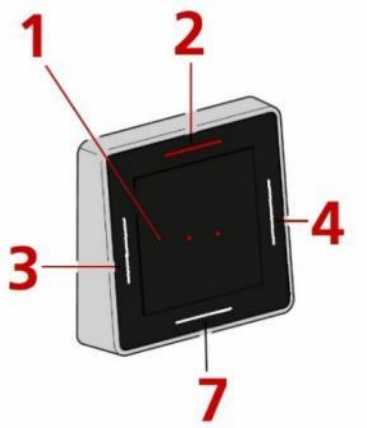
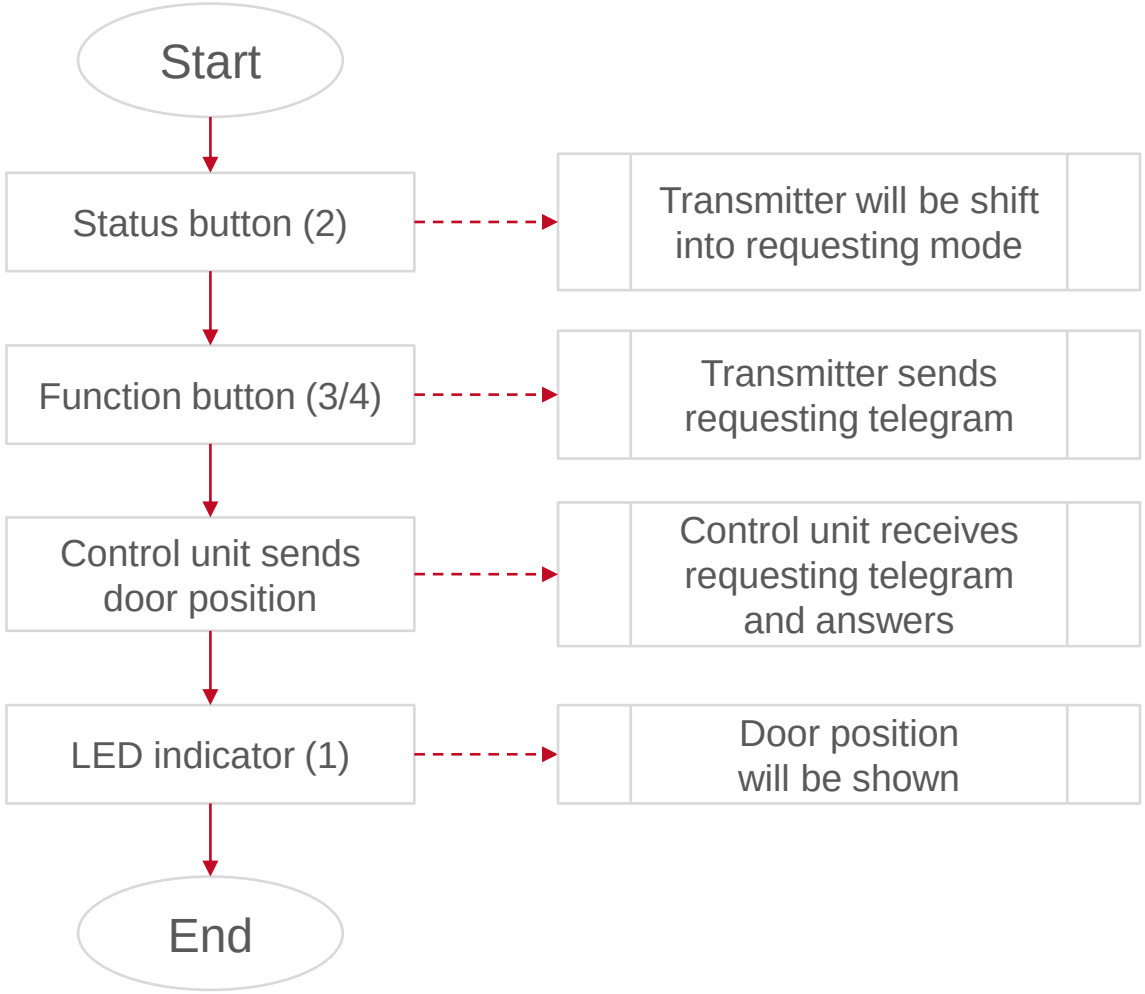
Door position request (Digital 644)





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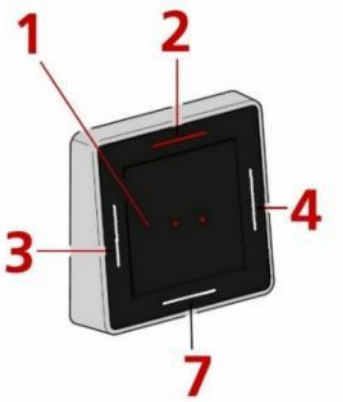
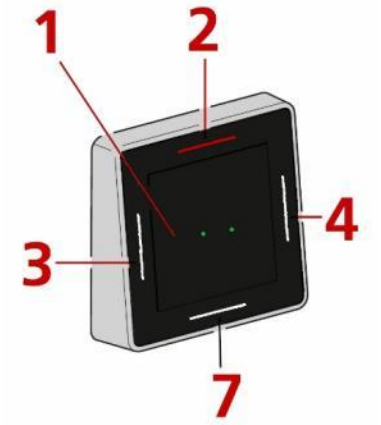
Door position request (Digital 644) | LED indication



Door is open

Red LED lights up



Door is closed

Green LED lights up

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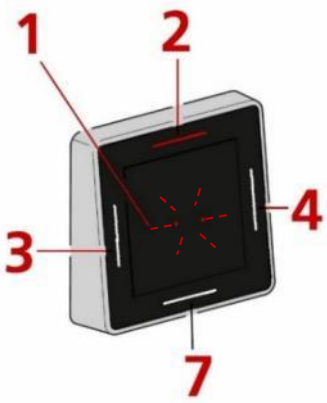
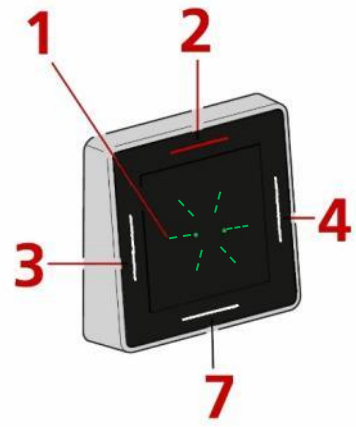
Door position request (Digital 644) | LED indication



Door moves to position OPEN or is in intermediate position OPEN

Red LED blinks



Door moves to position CLOSE or is in intermediate position CLOSE

Green LED blinks

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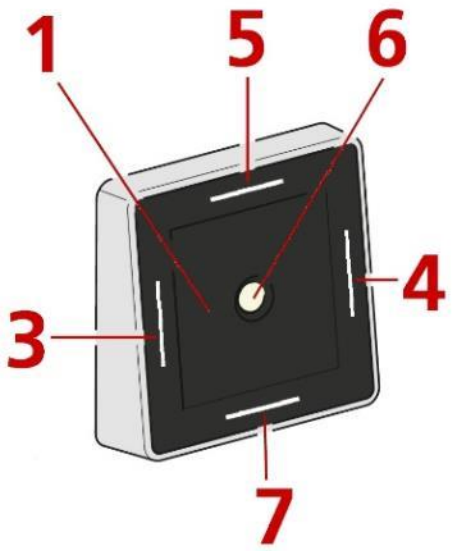
Programming lighting function (Digital 645)



- The wall control Digital 645 has got a motion detector, which activates the opener lighting
- At delivery the opener lighting is set to 180 seconds
- The motion detector is programmed on the left function button (3) at delivery
- After triggering the motion detector, it is inactive for 180 seconds (energy-saving)
- Notice: the opener lighting should not be set to a value shorter than 180 seconds

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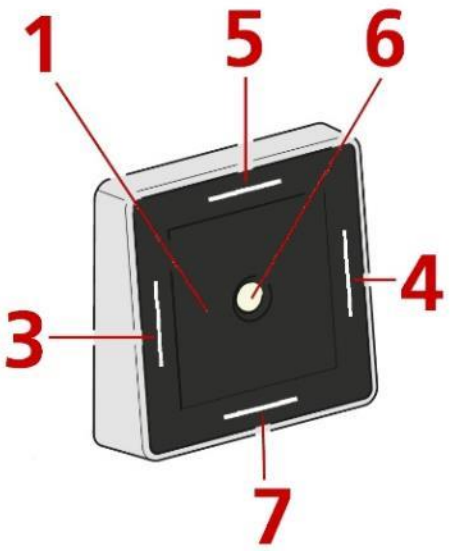
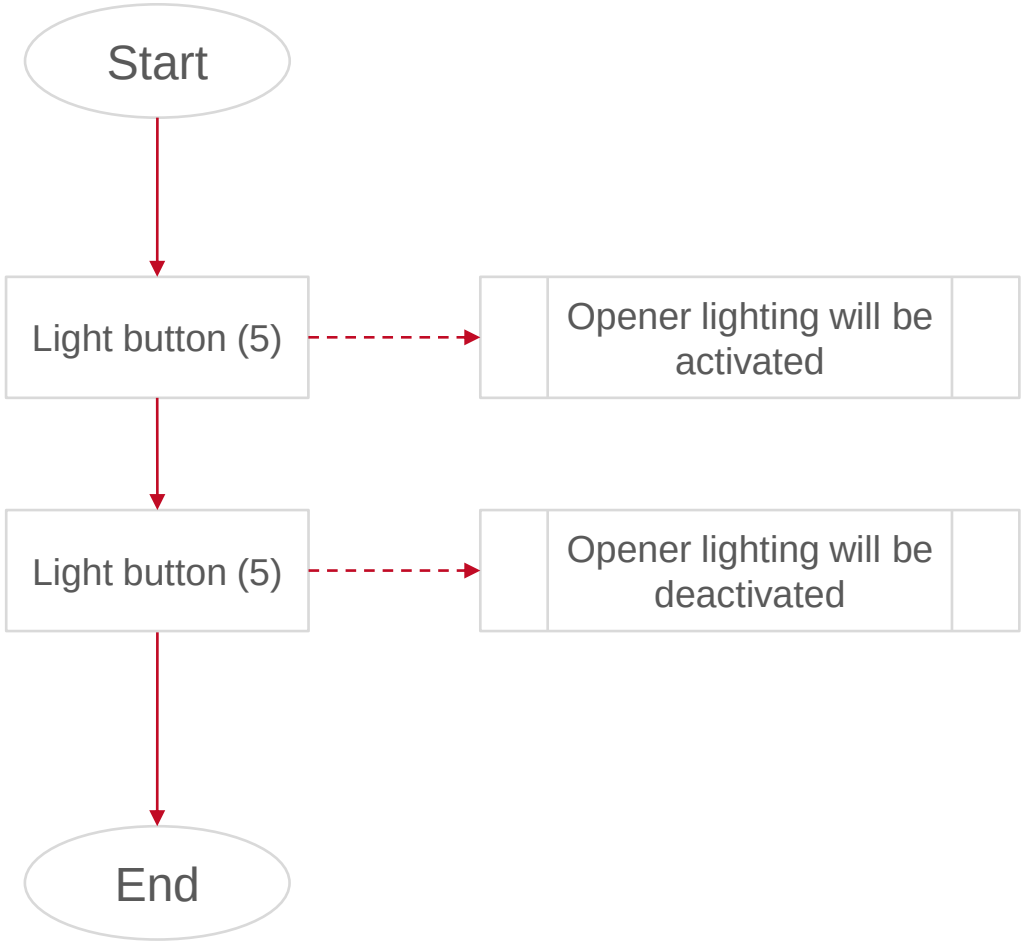
Light button (Digital 645)





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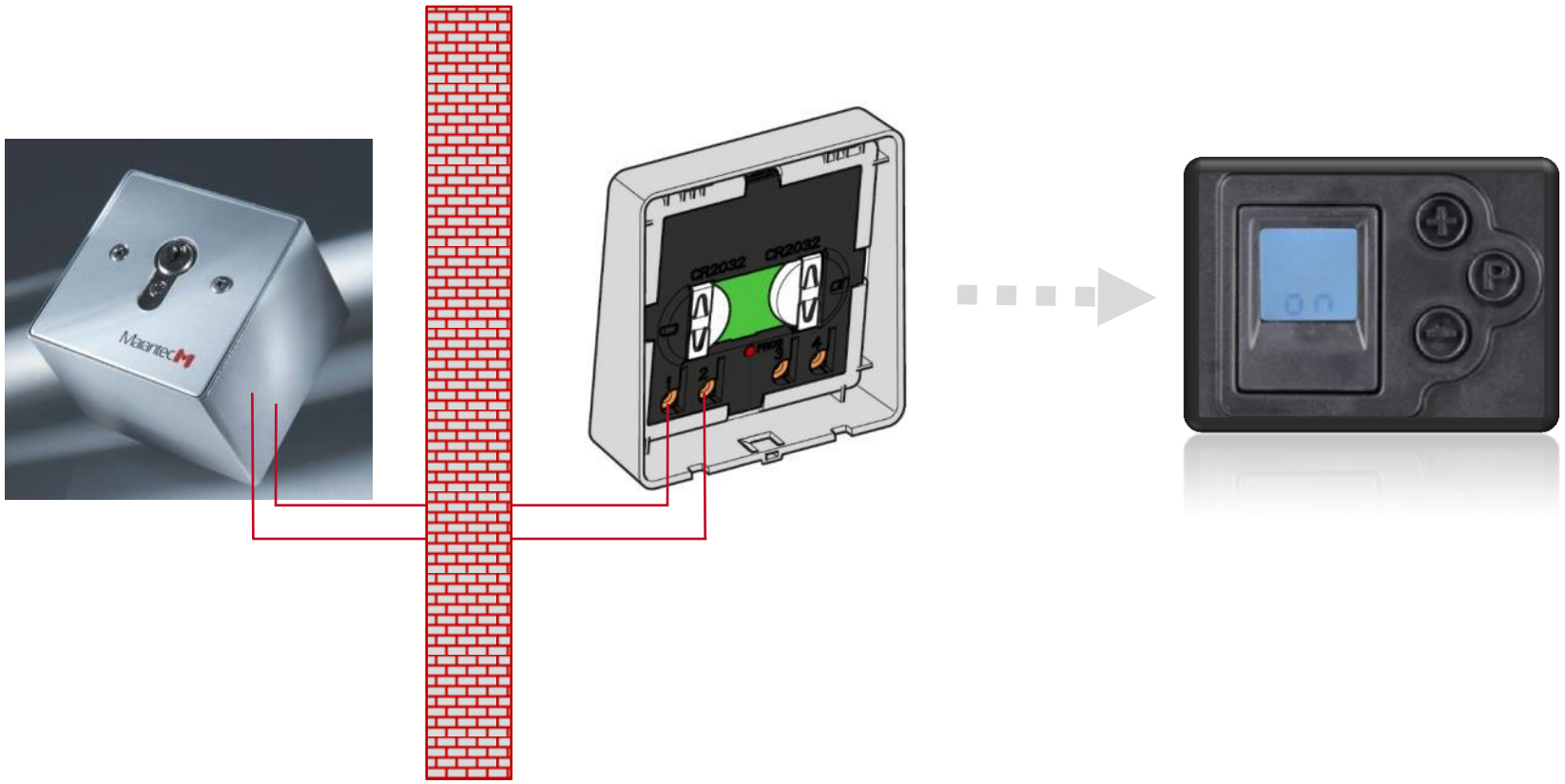
Conventional cabling external push buttons



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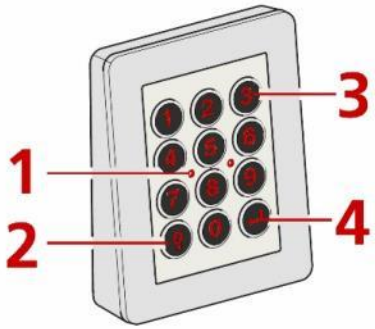
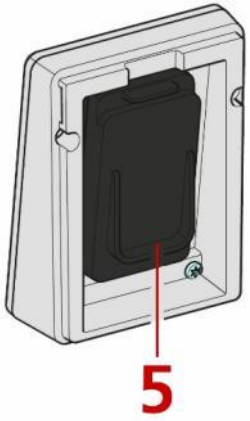
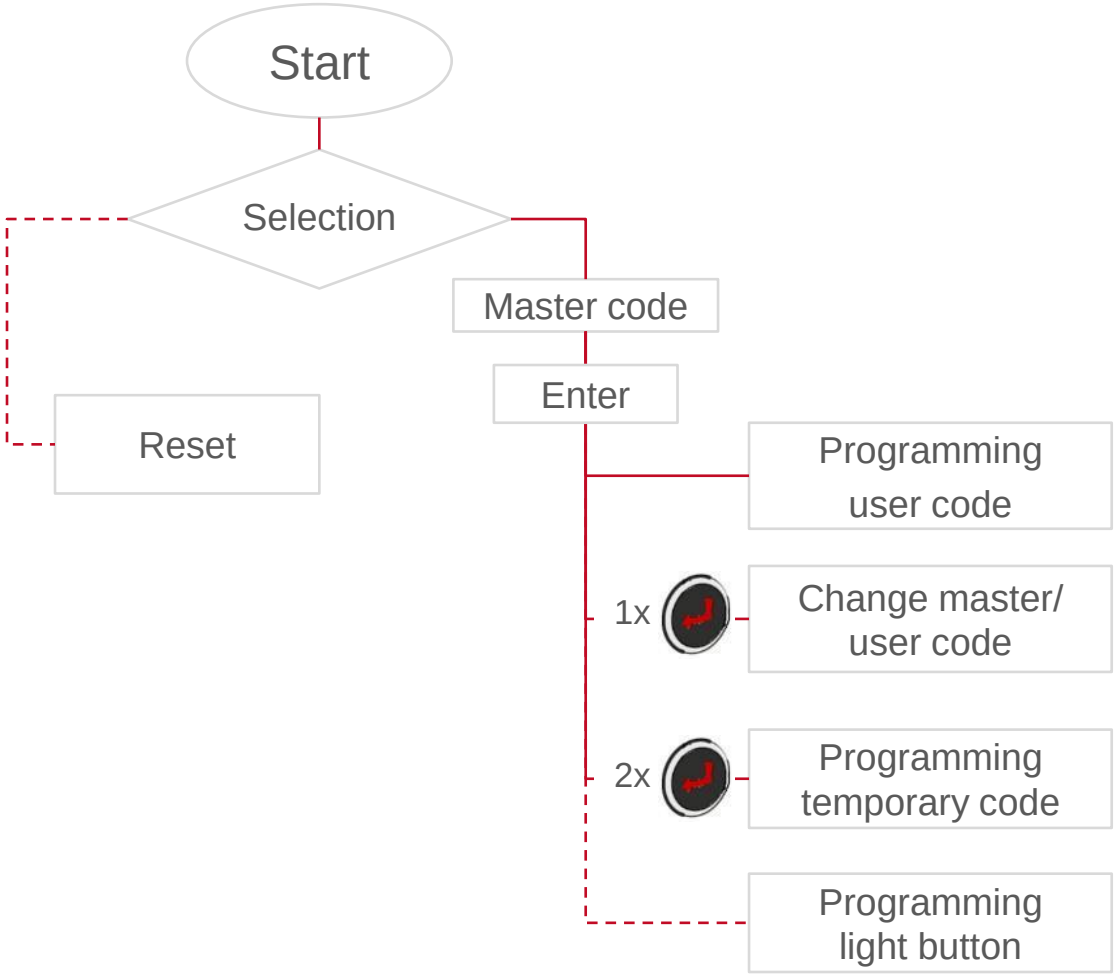
Function overview radio code keypad







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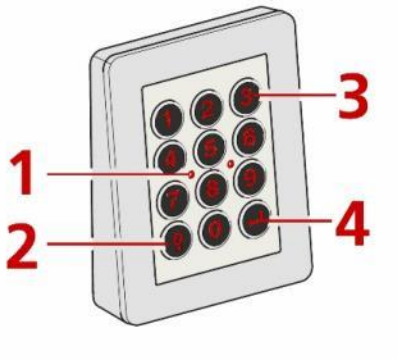
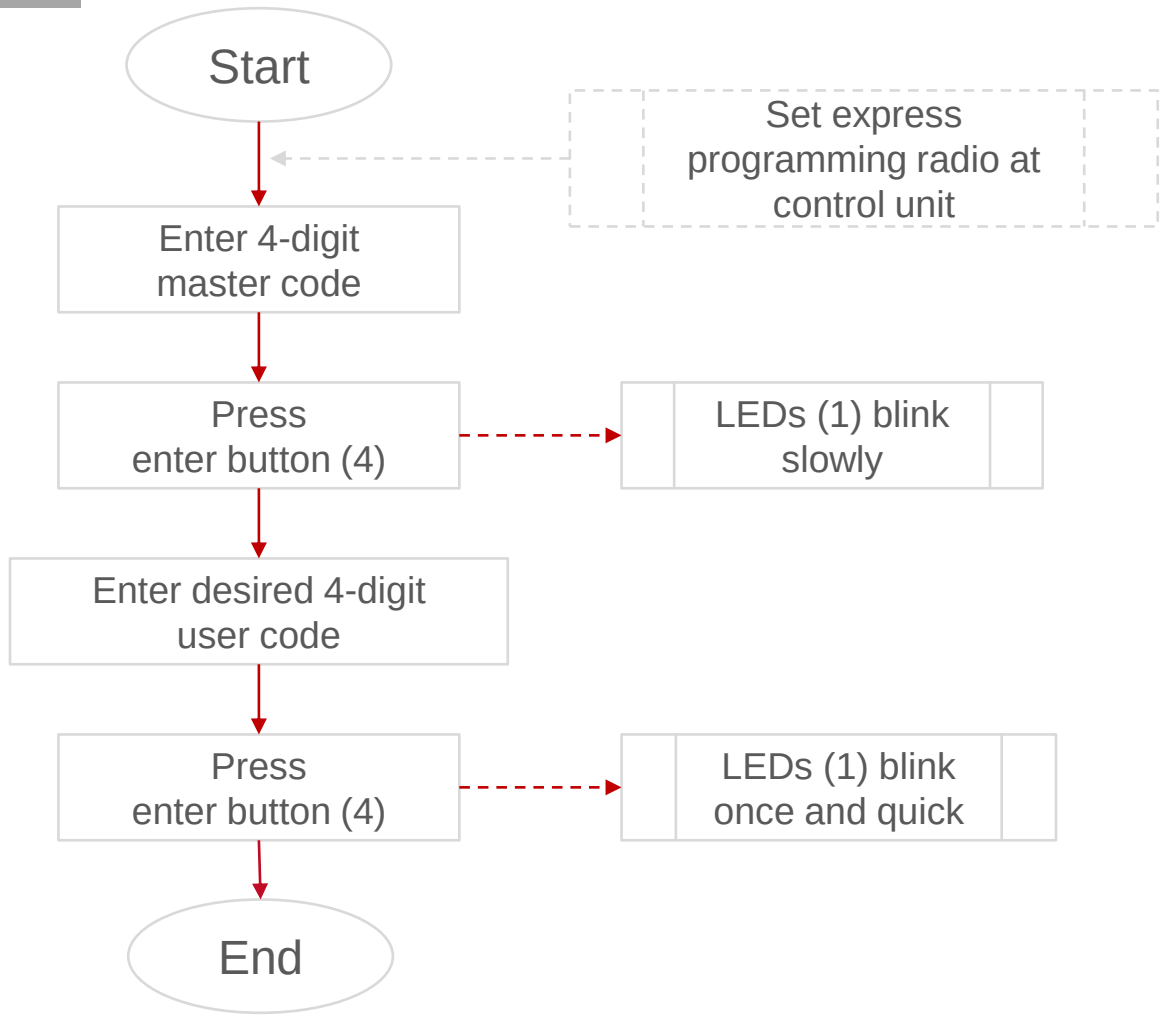
Programming user code





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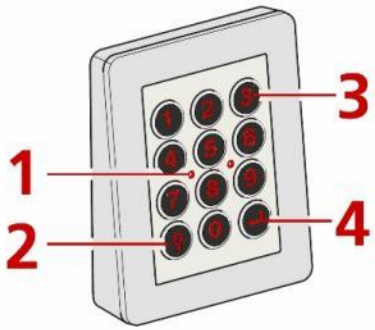
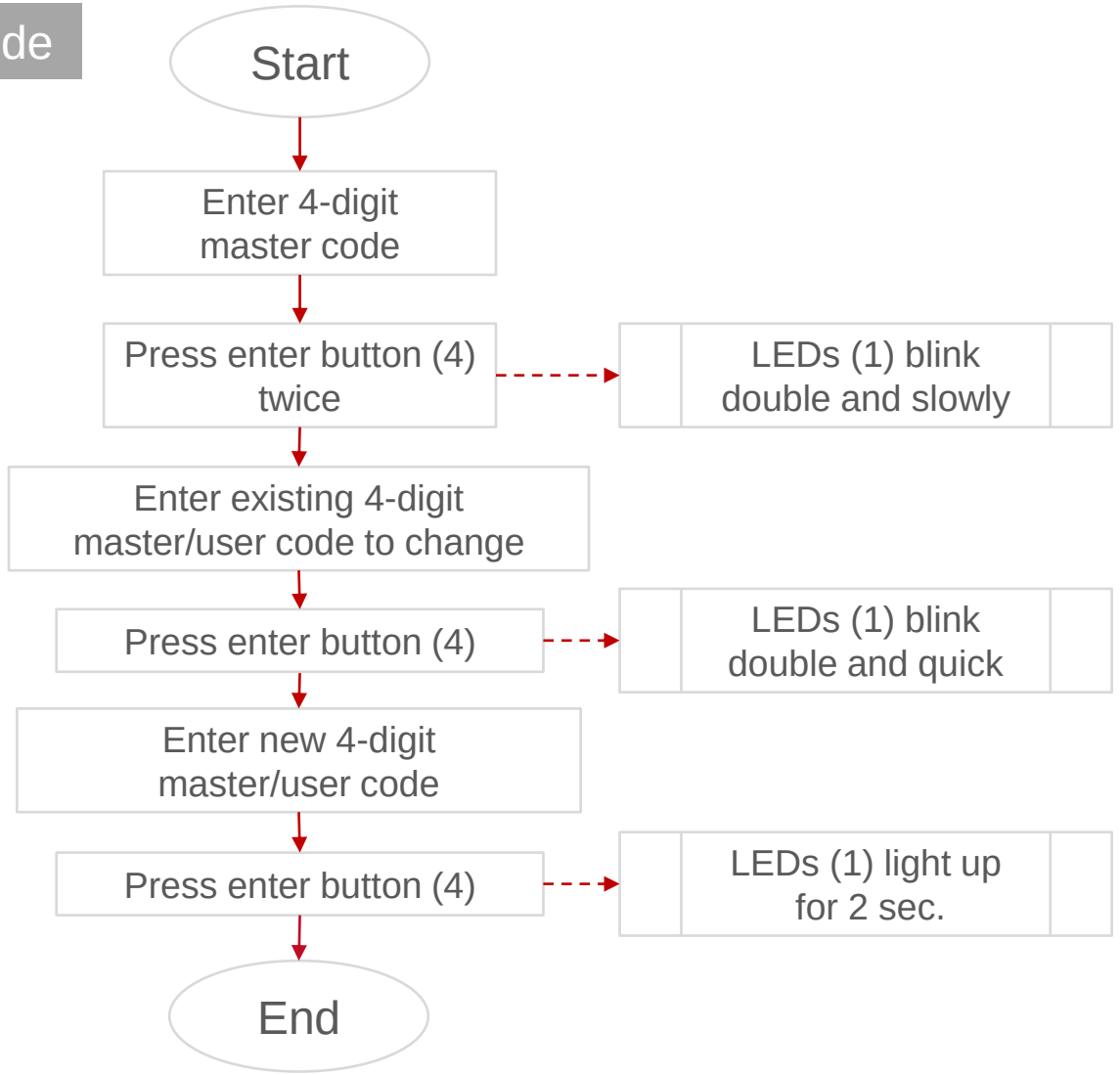
Changing master / user code





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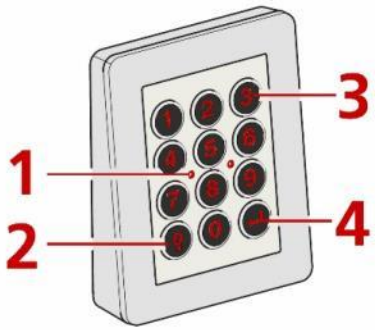
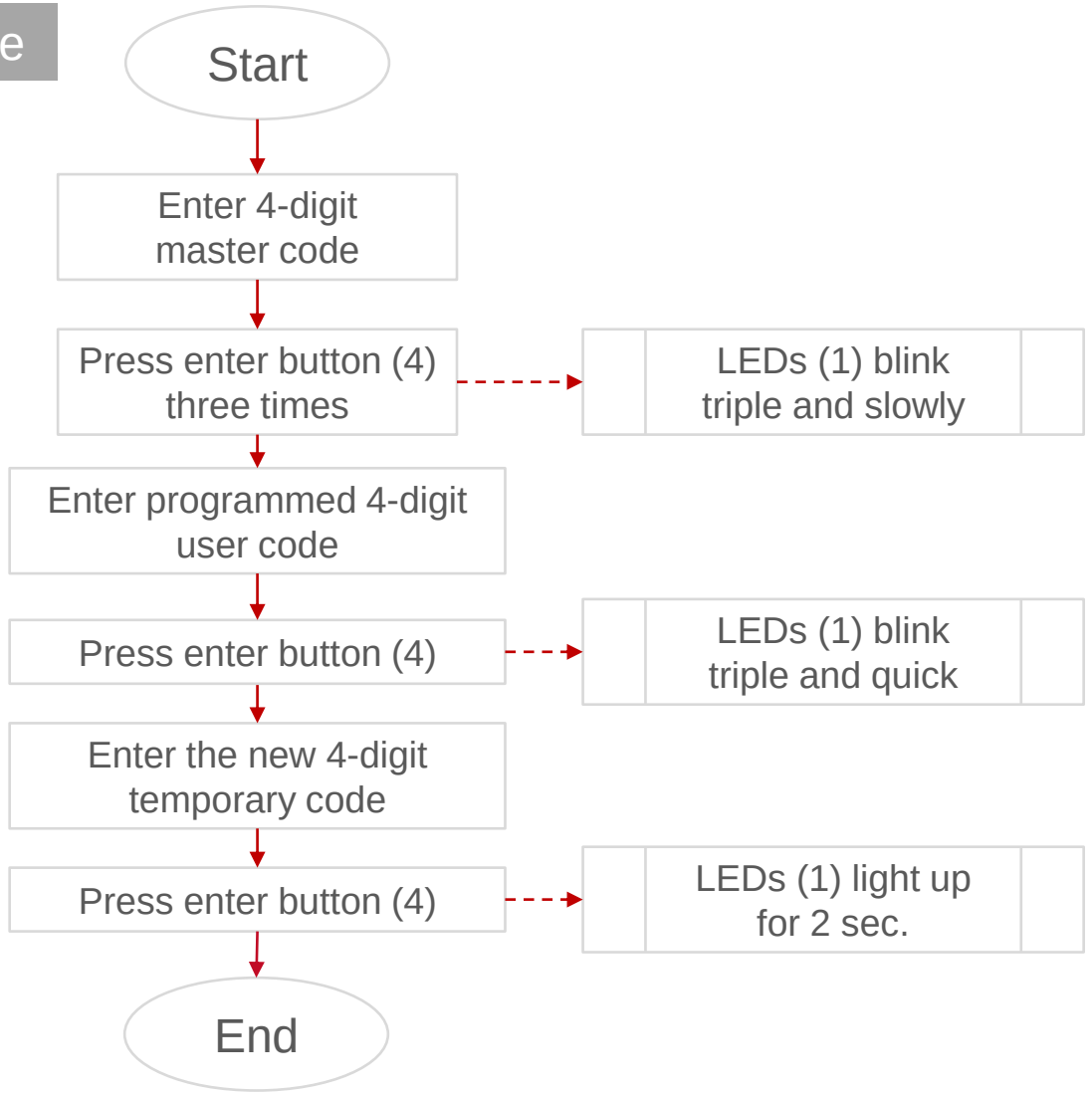
Programming temporary code





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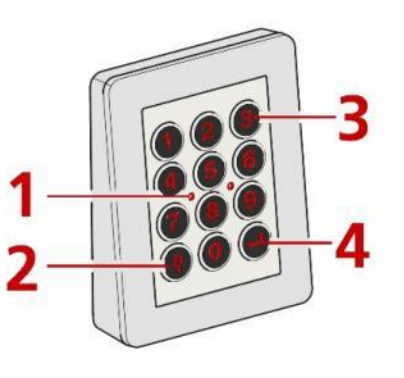
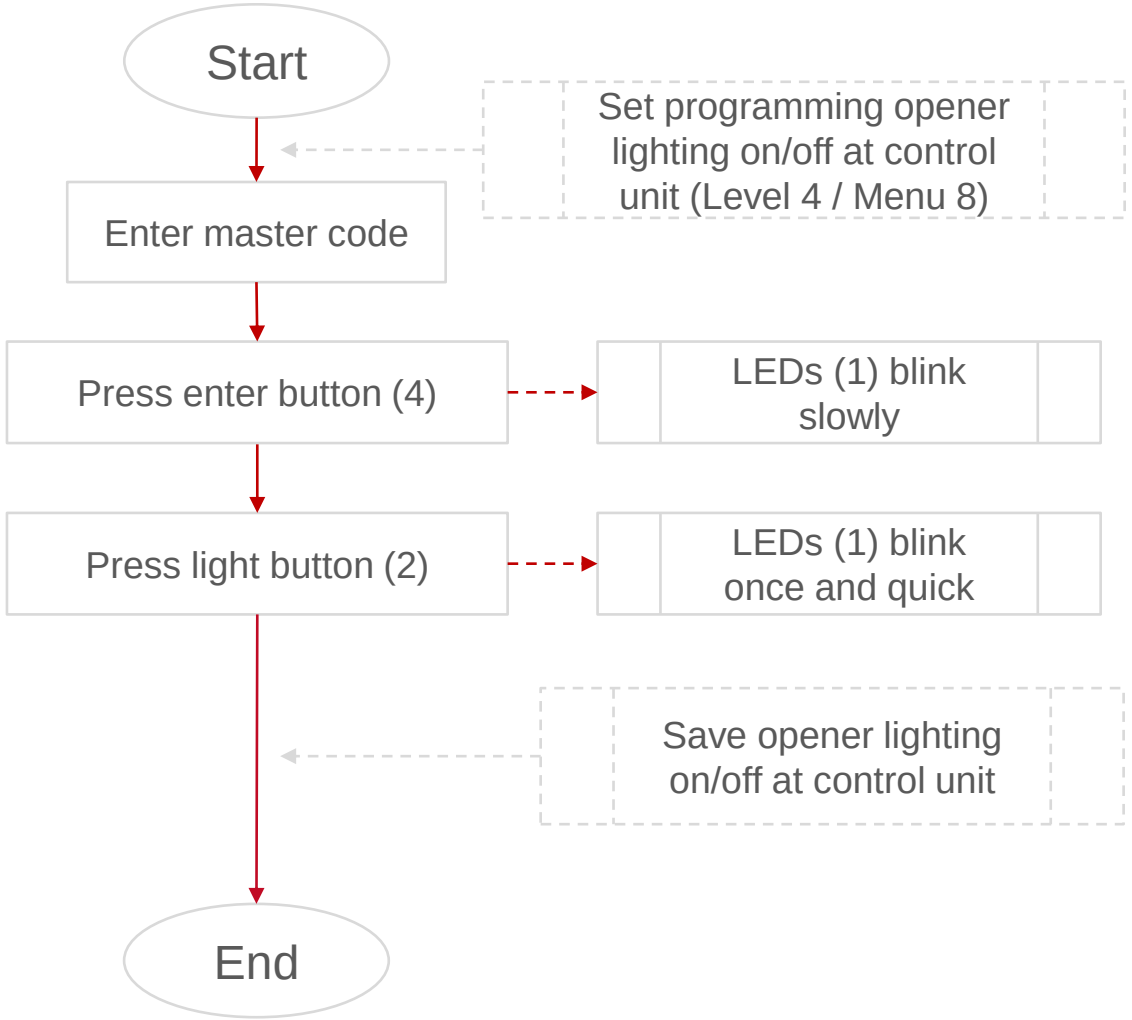
Programming light function





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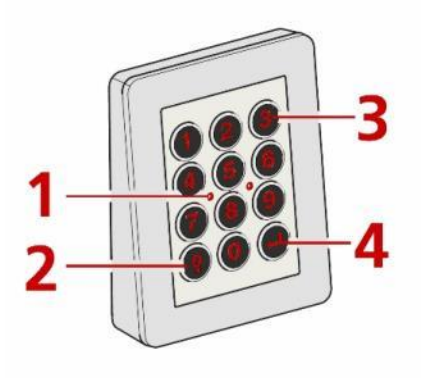
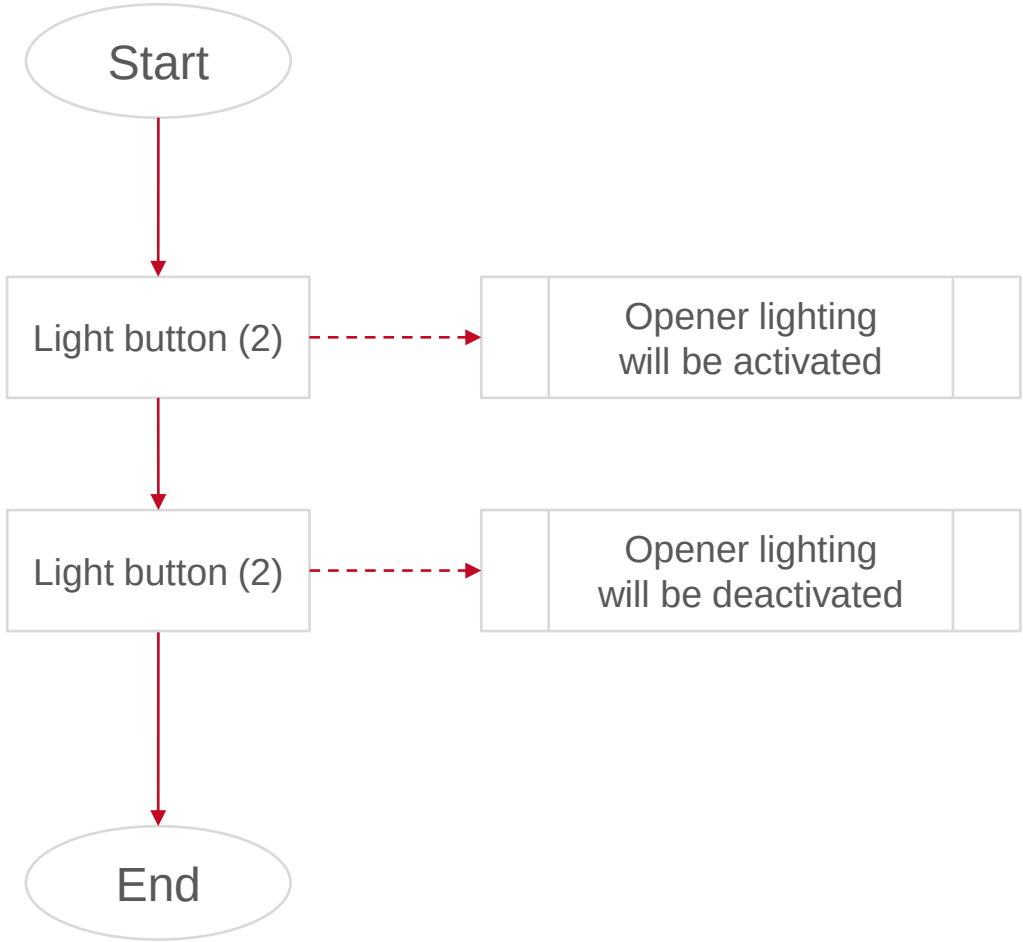
Light button





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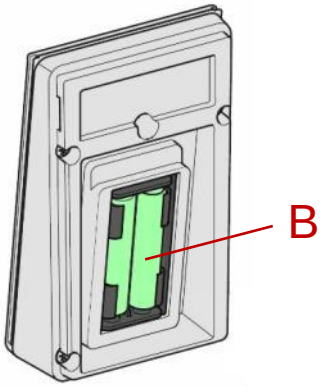
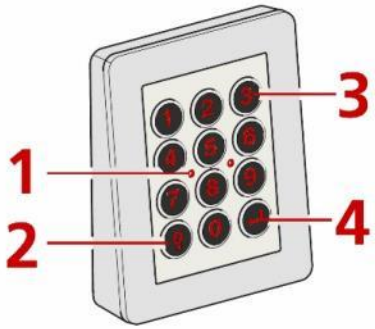
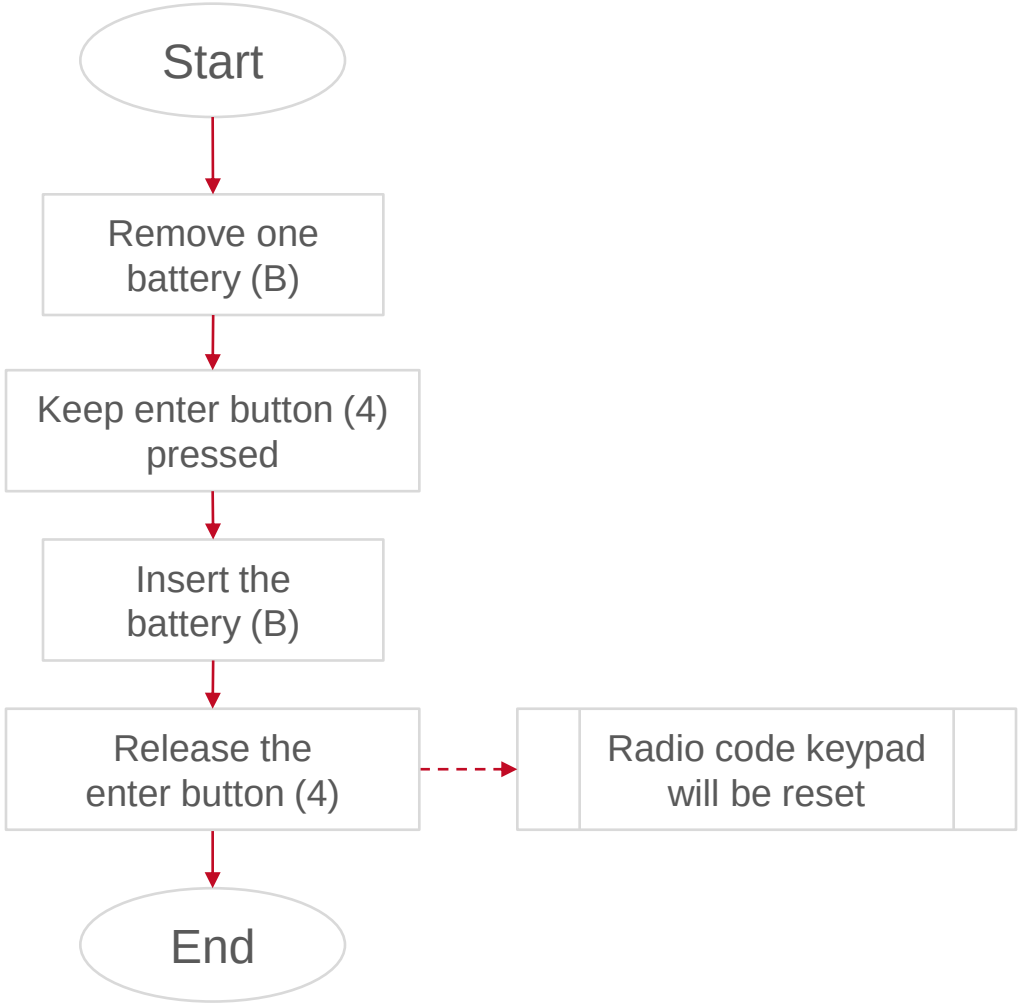
Reset







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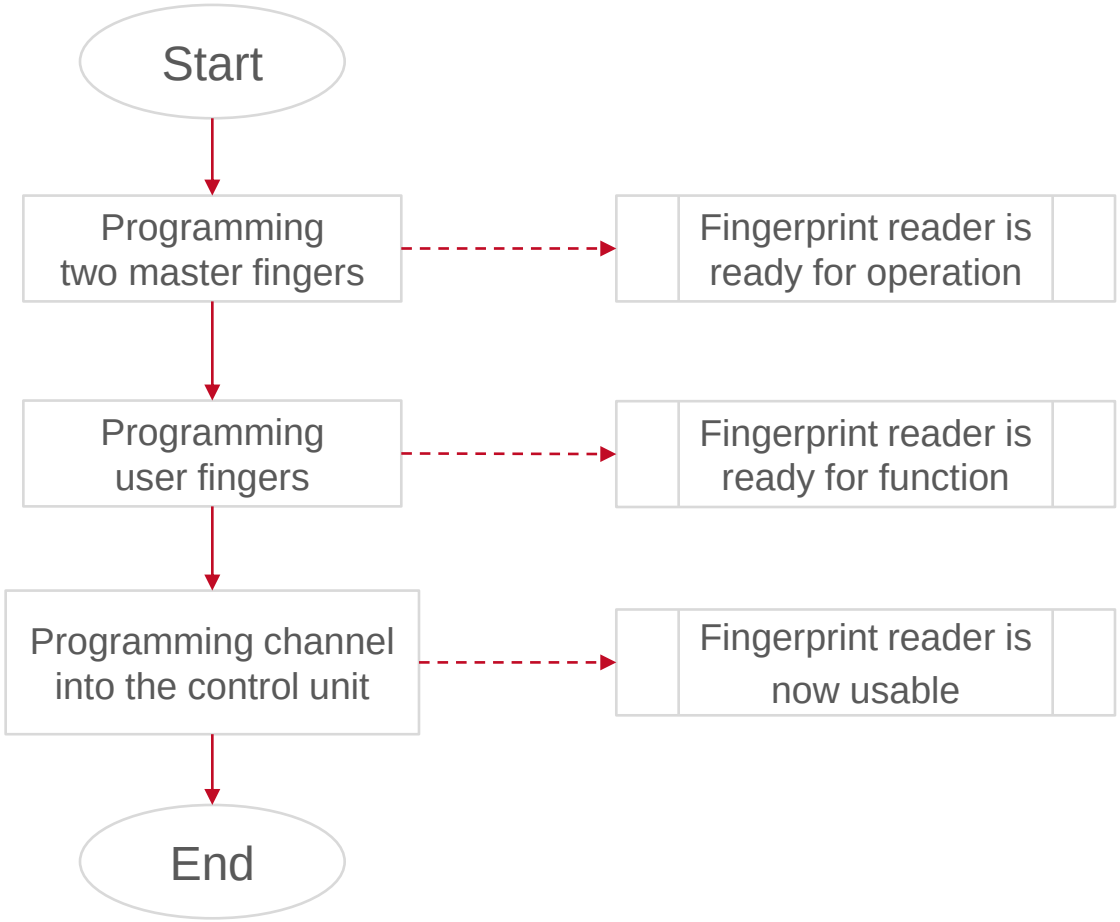
Functional diagram radio fingerprint reader



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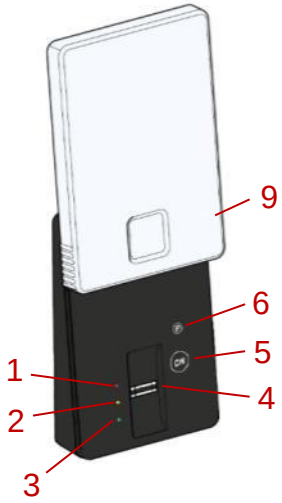
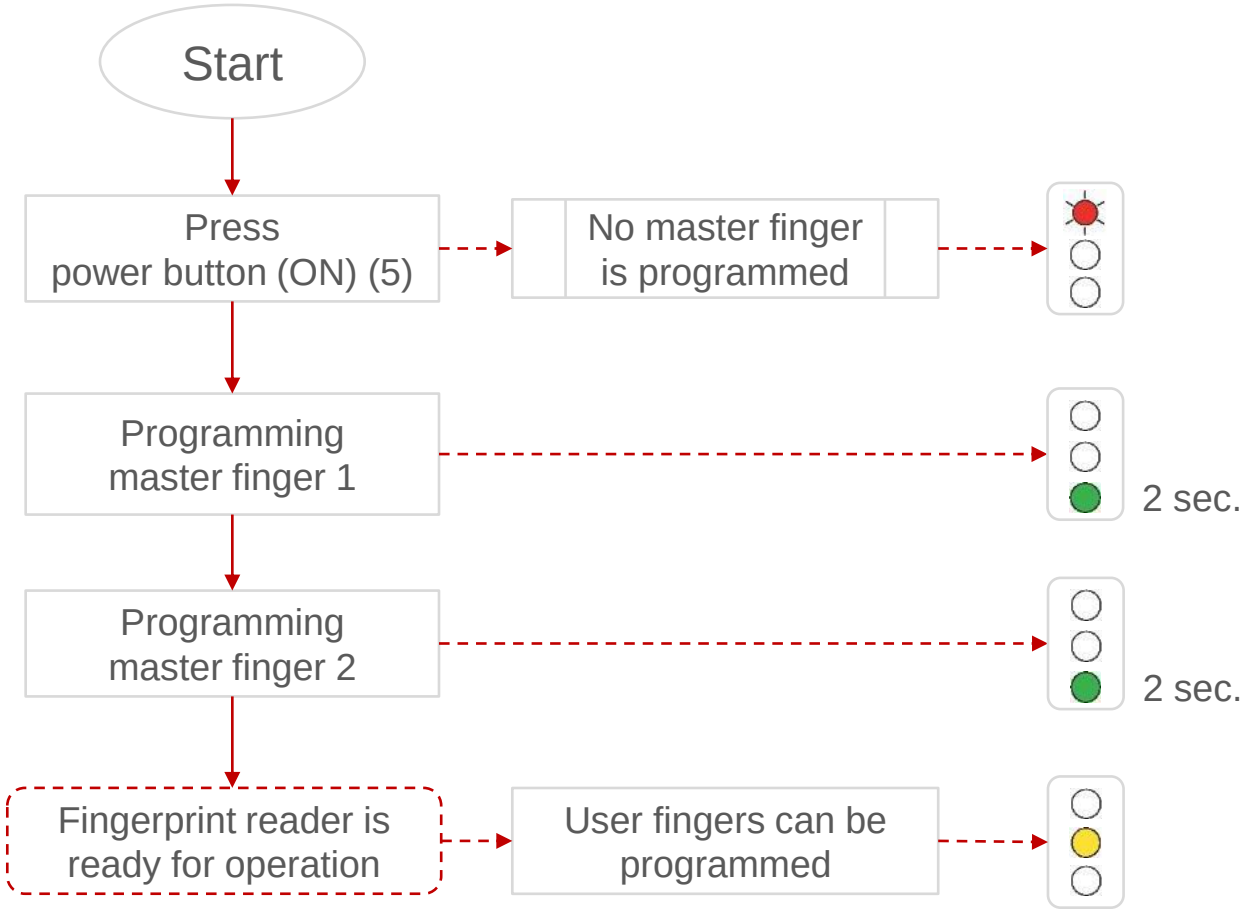
Programming | Master fingers





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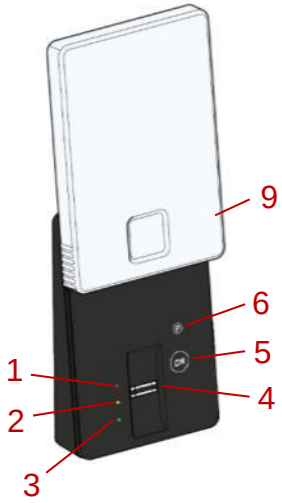
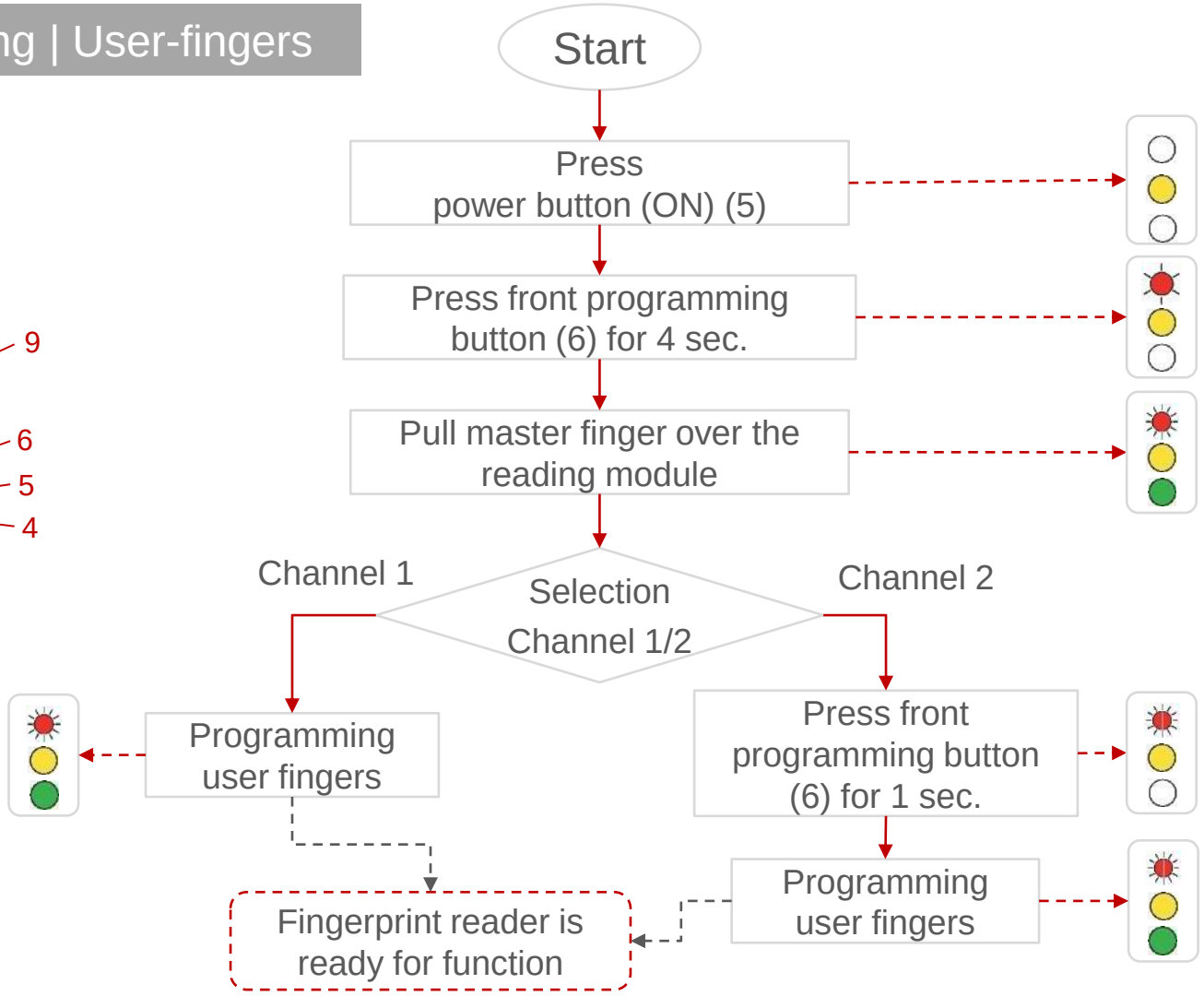
Programming | User-fingers





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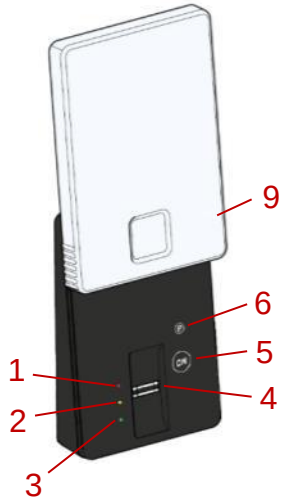
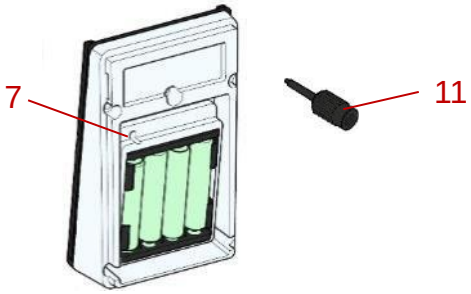
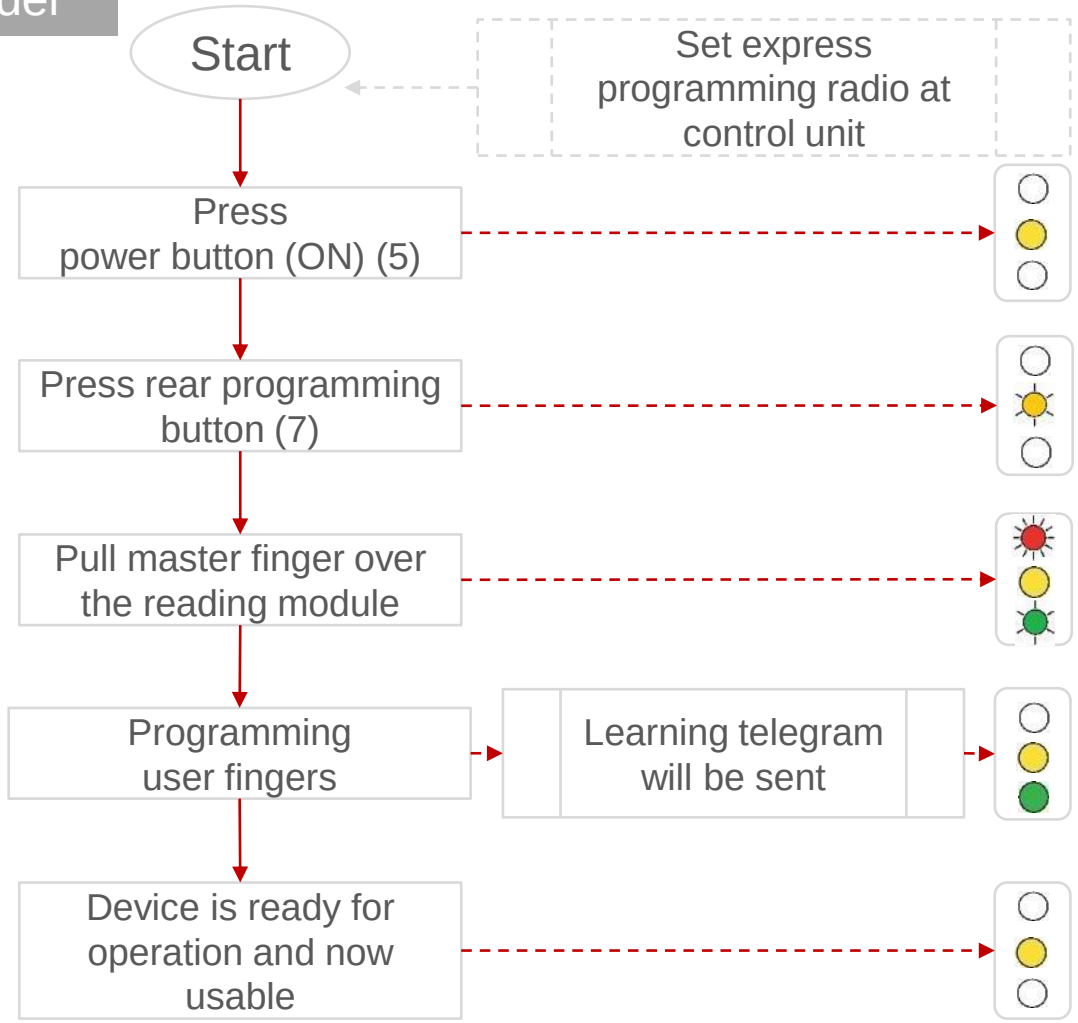
Programming | Fingerprint reader







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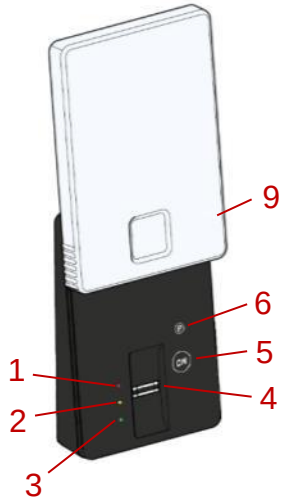
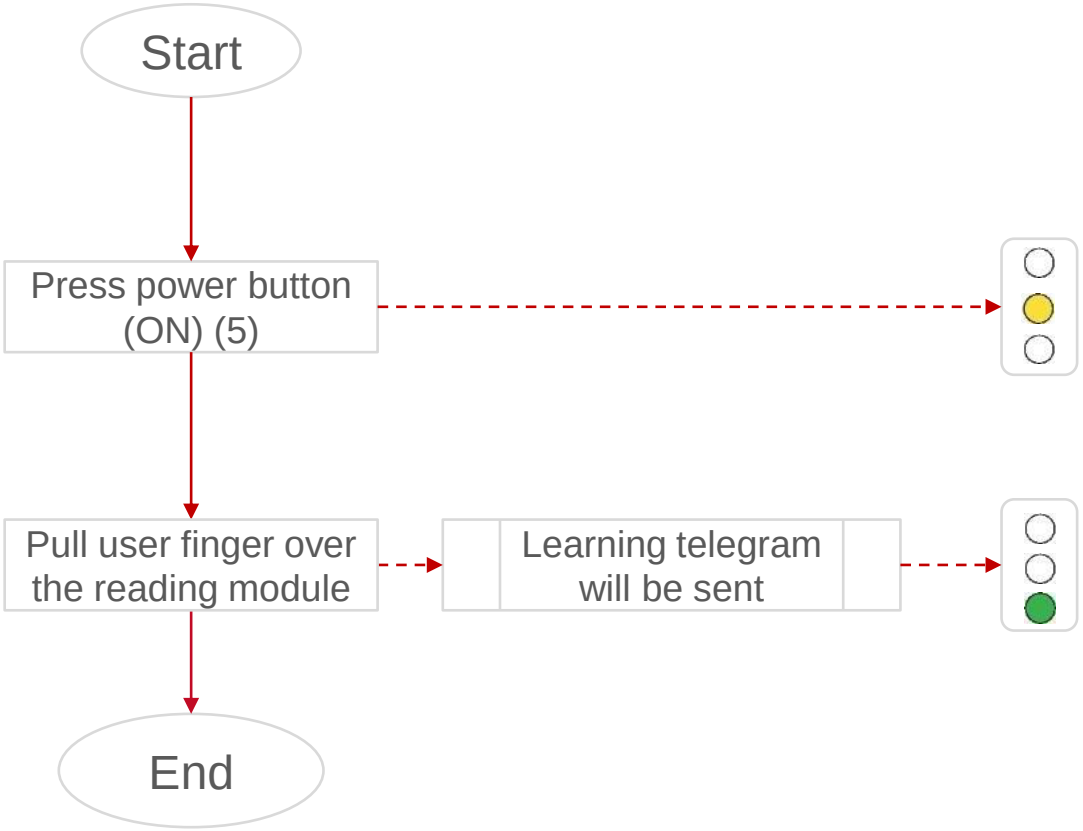
Trigger function





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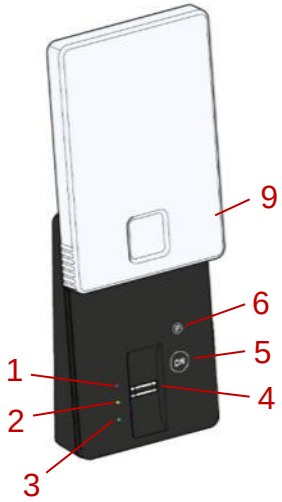
Delete user finger



Start

Press power button (ON) (5)

Press front programming button (6) for 4 sec.

Press front programming button (6) for 4 sec.

Pull master finger over the reading module

Delete one user

Delete all users

Pull user-finger over the reading module

Press front programming button (6)

Device is ready for operation

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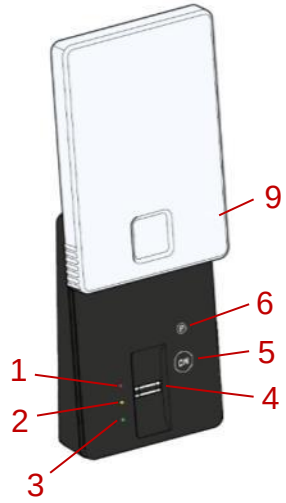
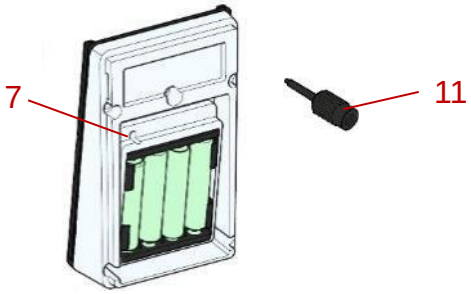
Reset





Start

Remove one battery (B)

Keep rear programming button (7) pressed

Insert the battery (B)

Fingerprint reader will be reset

Release the rear programming button (7)

End

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Have you any questions about bi·**linked**?

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Thank you very much
for your attention.

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