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5115208B

io

homecontrol

HOME MOTION by

somfy

+ 60° C

- 20° C

IP 54

868 - 870 MHz
< 25 mW

III

3 Vdc

3V
CR 2450
+

95 mm

27 mm

115 mm

Somfy SAS in a constant concern of evolution and improvement may modify the product without prior notice. Non contractual pictures.
Somfy SAS, capital 20.000.000 Euros, RCS Annecy 303.970.230 07/2015

	EN	DE	IT	NL	PL
•	Light/lamp: off	Kontrollleuchte/LED: aus	Spia/lampadina: spenta	Lampje: uit	Kontrolka / lampka: zgaszona
	Light/lamp: on	Kontrollleuchte/LED: an	Spia/lampadina: accesa	Lampje: brandt	Kontrolka / lampka: zapalona
	Light/lamp: flashing	Kontrollleuchte/LED: blinkt	Spia/lampadina: lampeggiante	Lampje: knippert	Kontrolka / lampka: migająca
	Main code	Hauptcode	Codice principale	Hoofdcode	Kod główny
	Secondary code	Sekundärcode	Codice secondario	Secondaire code	Kod pomocniczy
	Short press	Kurzes Drücken	Pressione breve	Korte druk	Krótkie wciśnięcie
	Long press	Langes Drücken	Pressione prolungata	Lange druk	Dłuższe wciśnięcie
	Press until	Drücken bis	Pressione fino a	Drukken tot	Wciśnięcie i przytrzymanie do
... 2 min	Carry out within the next two minutes	Innerhalb von zwei Minuten vorzunehmen	Da effettuare entro due minuti	Binnen twee minuten te doen	Wykonać w ciągu dwóch minut

1

2

3

4

5

6

7

8

9

Dexxo Pro io

PROG

2s

FO

1

2

3

4

0 0 0 0 0 0 + S

A S

max

10 sec

1

2

Control Box io / Elixo 500 io

PROG

2s

FO

1

2

3

4

0 0 0 0 0 0 + S

A S

max

10 sec

1

2

PROG

2s

FI

1

2

3

4

0 0 0 0 0 0 + S

A S

max

10 sec

1

2

3

4

5

Rollixo io

Prog

2s

Prog

1

2

3

4

0 0 0 0 0 0 + S

A S

max

10 sec

1

2

Oximo io, Sunea io, ...

2s

PROG

2s

1

2

3

4

0 0 0 0 0 0 + S

A S

max

10 sec

1

2

C

1

2

3

0 0 0 0 0 0 + S

0 2

max

10 sec

D

1

2

3

0 0 0 0 0 0 + S

A S

max

10 sec

1

2

3

4

5

E

1

2

3

4

F

000000

9A621

1

2

3

4

5

6

0 0 0 0 0 0 + S

9A621 + S

9A621 + S

max

30 sec

G

1

2

H

10 sec

and

30 sec

I

10 sec

or

30 sec

J

2582

1

2

3

4

5

9A621 + S

max

30 sec

K

2582

1

2

3

4

5

9A621 + S

max

30 sec

L

1

2

3

9A621 + S

max

30 sec

M

1

2

3

N

10s

x7

- 1 -

EN Operating principles

The io metal code keypad is a wireless, wall-mounted control with coded access.

The code keypad enables 2 different motors to be controlled with 2 control buttons  and . These buttons are controlled and programmed in the same way as those on an io monodirectional remote control.

Codes for unlocking the control buttons:

- main code :
 - unlocks the 2 control buttons,
 - required for programming operations.
- secondary codes :
 - unlock one control button at a time,
 - 2 programmable codes per control button,
 - enable partial access to the property (via a gate or garage door) temporarily; the secondary code can be deleted at any time by the owner.

The codes can be 4, 5 or 6 characters. They are composed using numbers 0 to 9 and the letter A.

In case of poor light, the code keypad buttons are fitted with backlighting.

The code keypad is fitted with a 3 V, CR 2450-type battery.

Safety

General information

Always read this installation guide and the safety instructions before installing this Somfy product.

Never begin installing without first checking the compatibility of this product with the associated equipment and accessories.

This guide describes how to install, commission and operate this product.

Any use outside the scope of application defined by Somfy is forbidden. This invalidates the warranty and discharges Somfy of all liability, as does any failure to comply with the instructions given herein.

Somfy cannot be held responsible for any changes in standards which come into effect after the publication of this guide.

General safety advice

Do not let children play with the control system.

Conformity

We, SOMFY, declare that this product (Keypad Metal io) complies with the essential requirements of the relevant European directives, in particular directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following web page: www.somfy.com/ce. For use in EU, CH and NO.

Recommendations

To ensure good radio transmission, the product must not be installed on a metal surface.

Check the radio range before securing the product. The radio range is limited by the radio appliance control standards.

The use of a radio appliance (e.g. a set of Hi-Fi radio headphones) operating on the same frequency might be detrimental to the product's performance.

Recycling

 Do not throw away your scrapped equipment or used batteries with household waste. It is your responsibility to dispose of your electronic equipment in the relevant recycling points.

Description (Fig. A)

No.	Name		Function
1	Indicator light	upper	lights up to indicate the transmission of a radio command
2		lower	- flashes when a button is pressed if the keypad is locked - remains on during keypad programming operations
3	Control buttons		Control the motors
4	Alpha-numeric buttons		Entering the code
5	S button		Access to programming mode
6	Aerial		
7	Buttons	PROG	Storing a motor for the blind or roller shutter
8		ADR	- Resets the keypad (restores factory settings)
9		RESET	

Step 1: Storing the code keypad on a motor (Fig. B)

Dexxo Pro io: Partial opening (P4 = 1)

Activate P4 on the Dexxo Pro io then store the channel in the same way as for full opening.

 **When P4 is activated on the Dexxo Pro io, previously stored channels, and those which are yet to be stored, operate in partial opening mode by default. You must follow the procedure below to operate the channels in full opening mode.**

Switching a button previously programmed for partial opening to full opening (Fig. C)

1. Enter the main code (000000 on a new or reset keypad) and confirm with the .
2. Press buttons 0 and 2 on the keypad simultaneously.
3. Press on the channel whose function is to be switched from partial opening to full opening.

Programming by copying a control point already stored (Fig. D)

This operation is used to copy the programming from one previously stored control point channel, e.g to copy the programming from a Keygo io button to an io code keypad channel or vice versa.

The procedure must be carried out near to the motorisation system.

Example (Fig. D): copying the programming from a Keygo io button to an io code keypad channel.

Check correct operation (Fig. E)

1. Enter the main code (000000 if main code by default).
2. Press the control button associated with motor.
The motor should start.
If it does not start, check using the second button.
If it still does not start, relaunch the programming operation on the motor.
3. Wait 30 seconds for the keypad to lock.

Step 2: Changing the main code (Fig. F)

1. Enter the main code (000000 on a new or reset keypad) and confirm with the .
2. Press the  button until the lower light turns on (approximately 7 seconds).
The lower light remains on.
3. Enter the code of your choice (from 4 to 6 characters) and confirm with the  button. The lower light will turn off then come on again.
4. Enter the code again and confirm with the  button.
The lower light will turn off.
The main code is programmed.
5. Enter the new main code then press any control button.
When a button is pressed, the upper light should come on.
If the lower light comes on, retry with 000000.
If the lower light is still on, fully reset the keypad.
6. Wait 30 seconds for the keypad to lock.

Step 3: Mounting the code keypad (Fig. G)

Before mounting the keypad, check the radio range from its intended mounting location.

Operation

The code keypad is operated in the same way as the remote controls. Once the code is confirmed, the keypad is active for 30 seconds. Successive presses of the same control button will lead to the following movements of the motor: Open, Stop, Close, Stop, Open, etc. Each press restarts the 30-second time delay before locking the keypad.

For gate or garage door motors equipped with full or partial opening function (if programmed) each control button controls full or partial opening on separate buttons.

... using the main code (Fig. H)

1. Enter the main code.
The 2 control buttons are activated for 10 seconds.
2. Press the button on the motor control to be actuated.
The upper light comes on when the button is pressed.
If the lower light flashes, the code is incorrect.

... using the secondary code (Fig. I)

1. Enter the secondary code (to program the secondary code, see “Programming the secondary code”).
The control button associated with this code is activated for 10 seconds.
2. Press the control button associated with the code.
The upper light comes on when the button is pressed.
If the lower light flashes, the code is incorrect.

 **Before entering a new code, wait for 30 seconds (keypad locked), or the code entered will be ignored.**

Programming the secondary codes

Programming a secondary code (Fig. J)

1. Enter the main code and confirm with the .
2. Press the  button until the lower light turns on (approximately 7 seconds). The lower light remains on.
3. Press the control button to which a secondary code must be allocated.
4. Enter a secondary code (from 4 to 6 characters) and confirm with the  button.
The lower light will turn off then come on again.
5. Enter the code again and confirm with the  button.
The lower light will turn off.
6. Wait 30 seconds for the keypad to lock.
7. Enter the secondary code then press the associated control button.
When a button is pressed, the upper light should come on.
If the lower light comes on, wait 30 seconds for the keypad to lock, then restart the secondary code programming procedure from the beginning.
8. Wait 30 seconds for the keypad to lock.

Clearing a known secondary code (Fig. K)

1. Enter the main code and confirm with the .
2. Press the  button until the lower light turns on (approximately 7 seconds).
3. Press the control button to which the secondary code is allocated.
4. Enter the secondary code to be cleared.
5. Press the  button until the lower light goes off (approximately 10 seconds).
6. Wait 30 seconds for the keypad to lock.

Clearing all the secondary codes (Fig. L)

1. Enter the main code and confirm with the .
2. Press the  button until the lower light turns on (approximately 7 seconds).
3. Press the  button again until the lower light goes off (approximately 10 seconds).
4. Wait 30 seconds for the keypad to lock.

Troubleshooting

No movement

The upper light stays off => flat battery: replace it. **(Fig. M)**

Main code forgotten and full reset (Fig. N)

The keypad must be reset: clear stored data, restore factory-set codes.

1. Press the ADR button (approximately 10 seconds). The upper light will come on when the button is pressed and then the 2 lights will flash 7 times. The keypad is reset.
2. Repeat the full installation operation: program the motor, change the main code, etc.

Code entry errors

- **Beginning of code entry incorrect**

If an incorrect code has been entered, stop this by confirming with button . Re-enter the code and confirm the button .

- **Several incorrect code entries**

The lower light will flash quickly whenever any button is pressed. 5 different incorrect codes entered successively. As a safety measure, the keypad will remain locked for 5 minutes. Wait for 5 minutes.