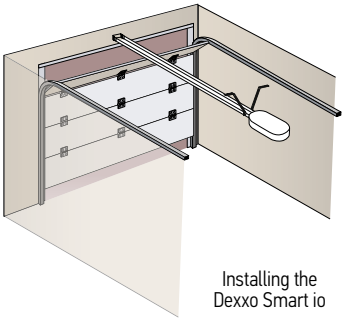
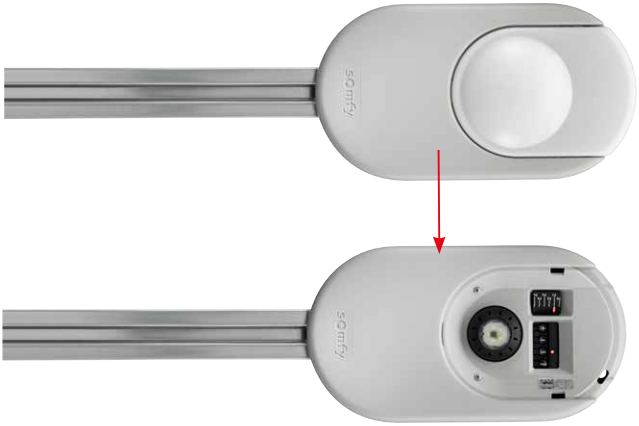
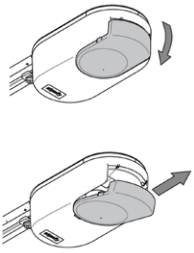


Installing the
Dexxo Smart io





Removing the light cover

Description of the programming buttons

- press for 0.5 sec: go to setup menu and proceed to next parameter
- press for 2 sec: start auto-learning and leave setup menu
- press for 7 sec: clear auto-learning and parameters

* Pause auto-learning

- press for 2 sec: connecting remote controls
- press for 7 sec: clear remote controls

- Change the value of a parameter
- Use of the forced operation mode

Starting up the Dexxo Smart io

1 Connecting to the mains

Connect to the mains.
The light blinks 3 times

SET LED blinks
slowly

2 Configuring the Dexxo Smart io

Press the SET button
until...

...the light turns on

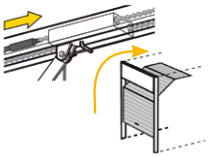
SET LED will
blink rapidly

3 Connecting the carriage

Press the "+" and/or "–" button until the moving part of the gearbox engages with the carriage.

4 Determining the end position

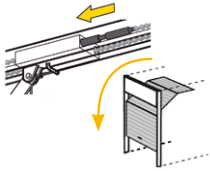
press the "+" button
button



The moving part moves
towards the open position

and

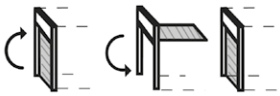
press the "–"
button



The moving part moves
towards the closed position

5 Check | **PLEASE NOTE:** *The door must be closed!

Briefly press the SET
button



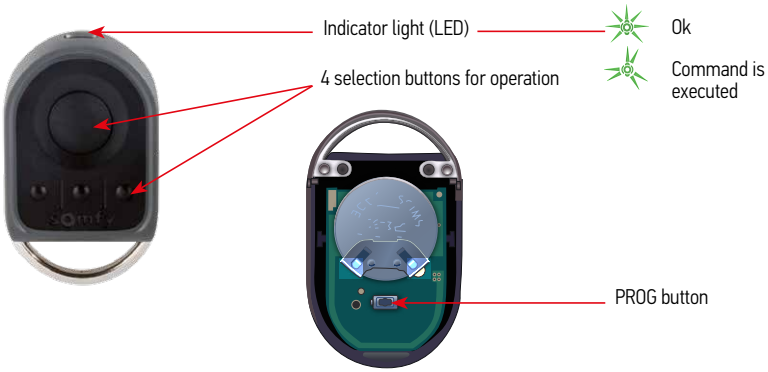
The door will complete two full
open/close cycles.
(You can pause auto-learning
using the SET button)

Auto-learning
successfully
completed

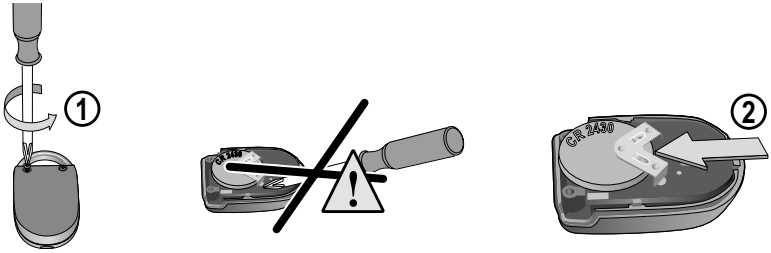
* The Dexxo Smart io always looks for a hard stop at the end limits. This ensures the door closes properly and corrects it if the door is closed too hard

loading the 1-way operation of KeyGo io

1 Description of the remote control



2 Replace battery



Programming the KeyGo remote control

Each control button must be programmed individually. If a button has already been programmed, it cannot be programmed for a second receiver. The up/stop/down/stop cycle may cause counter movements from end products.

Programming from the Dexxo Smart io motor

1

Press the PROG button until...

...the light turns on and...

...the PROG LED turns on

2 Select a control button for the operation of the Dexxo Smart io motor

Press simultaneously

The LED blinks

Briefly press the selected button to operate the motor...

...light blinks

PROG LED turns off

Resetting the settings

Resetting the auto-learning settings

Press the SET button for 7 seconds...

SET LED will blink rapidly

The auto-learning has been cleared.
All parameters are reset to the default values.

Clearing remote controls

7 s

Press the PROG button for 7 seconds...

PROG LED will blink rapidly

All connected remote controls will be cleared.

Changing the parameter settings

1 Display the current value

The chosen example is parameter P2 activate “delay time during closure”.

Briefly press the SET button

LED P0 will blink once

Briefly press the SET button to go to the next parameter until the P2 LED blinks

The number of times the LED blinks indicates the value of the parameter

2 Enter a new value (delay time during closure)

Press the “+” or “-” button until the desired value is shown

Confirm the new value by briefly pressing the SET button and proceed to the next parameter

Press the SET button for 2 seconds to leave the parameter system

Configuration with the PROG button

1 Configuring control of the intermediate position

Press the PROG button for 2 seconds until the LED turns on

Briefly press the PROG button again until the LED continuously blinks once

Press the 2 outer buttons of the KeyGo and select the desired channel

The intermediate position has been configured

2 Configuring control of the external lighting

Press the PROG button for 2 seconds until the LED turns on

Briefly press the PROG button twice until the LED continuously blinks twice

Press the 2 outer buttons of the KeyGo and select the desired channel

The control of the external lighting has been configured

3 Configuring control of the internal LED light

Press the PROG button for 2 seconds until the LED turns on

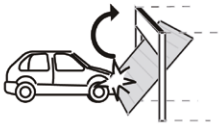
Briefly press the PROG button 3 times until the LED continuously blinks 3 times

Press the 2 outer buttons of the KeyGo and select the desired channel

The control of the internal LED light has been configured

Obstacle detection operation

Obstacle detection during opening

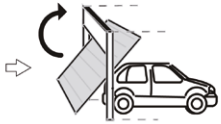


The door immediately stops and...

...closes again

Obstacle detection during closing

The door immediately stops and...



...opens again

Meaning of the different parameters

Code	Description	Values	Comments
P0	Operating mode	**0: sequential** 2: sequential + short closing time (60 sec.) 3: sequential + long closing time (120 sec.) + blocking of the cells (2 sec.)	**P0 =1:** Each press of the button on the remote control sets the motor in motion (starting position: door closed) according to the following cycle: open, stop, close, stop, open... **P0 = 2:** This function is only permitted if photoelectric cells are fitted and P4= 3. In sequential mode with a short closing time: ■ the door automatically closes after the programmed delay of 60 seconds, ■ a press on the button of the remote control interrupts the movement in progress and the duration of the closing process (the door remains open). **P0 = 3:** This function is only permitted if photoelectric cells are fitted and P4= 3. In sequential mode with long closing time + blocking of the cells: ■ the door automatically closes after the programmed delay of 120 seconds. ■ a press on the button of the remote control interrupts the movement in progress and the duration of the closing process (the door remains open). ■ after opening the door, the door is closed after a short period of time (2 s fixed) in the event of a movement in front of the cells (closing safety device). If there is no motion in front of the cells, the door is automatically closed after the programmed delay of 120 seconds. If there is an obstacle within the detection zone of the cells, the door will not close. It will only close after the obstacle has been removed.
P1	Door closing speed	1: slow **2: default** 3: fast	If the setting is changed, it is recommended that the auto-programming is repeated. **Warning** After changing the parameter, the installer must check whether the obstacle detection works in accordance with Appendix A of the standard EN 12 453. Failure to comply with this regulation may result in serious injury to persons, such as being crushed by the door.
P2	Delay time during closure	1: Very short 2: Short **3: Default** 4: Maximum	If the setting is changed, it is recommended that the auto-programming is repeated. **Warning** After changing the parameter, the installer must check whether the obstacle detection works in accordance with Appendix A of the standard EN 12 453. Failure to comply with this regulation may result in serious injury to persons, such as being crushed by the door.
P3	Obstacle detection sensitivity	1: Very low 2: Low **3: Default** 4: Maximum	If the setting is changed, it is recommended that the auto-programming is repeated. **Warning** After changing the parameter, the installer must check whether the obstacle detection works in accordance with Appendix A of the standard EN 12 453. Failure to comply with this regulation may result in serious injury to persons, such as being crushed by the door.
P4	Photoelectric cells	**1: Active** 2: BUS 3: Active with self-test via power supply switching 4: Inactive	1: safety system without self-test, the functioning of the system must be tested every 6 months. 2: use of cell BUS. 3: the self-test of the system is run every operating cycle via power supply switching. 4: the safety input is not taken into account. **Warning** If P4 = 4, operation in automatic mode of the motorisation is **prohibited,** and visual operation of the motorisation is mandatory.

Px	Type of door	**1: Panel** 2: Side 3: Up and over	**Please note** If the configuration is changed after auto-programming, the motorisation returns to the non-set mode. A new auto-programming must be started.

Diagnosis

SET LED	Meaning	Solution
☼	No auto-programming is run during the initial start-up	Perform the quick commissioning of the motorisation
☼	Auto-programming running	Wait until the auto-programming is complete
◉	Electronics fault	
	Motor temperature	Switch off the power supply, wait approximately 5 minutes, switch the power supply back on
	Other fault	Contact the technical helpdesk of Somfy
☼	Auto-programming complete	

LED photoelectric cells	Meaning	Solution
○	Normal operation	
☼	Detecting in progress	The LED will turn off after completion of the detection process
	Self-test in progress	The LED will turn off after completion of the auto-programming
	Permanent error	Check the alignment of the cells. After 3 minutes, the door can be operated as a deadman control with the aid of the wire control input (terminals 12 and 13)

Wicket door contact-LED	Meaning	Solution
○	Normal operation	
☼	Detecting in progress	The LED will turn off after completion of the detection process (wicket door open)
	Self-test in progress	The LED will turn off after completion of the auto-programming
	Permanent error	Check the closure of the wicket door and the wiring of the wicket door contact. After 3 minutes, the door can be operated as a deadman control with the aid of the wire control input (terminals 12 and 13).

Wire control-LED	Meaning	Solution
○	No wire control activated	
☼	Wire control activated	Check the control point for mechanical blockage. If the control point is not blocked, disconnect the control point. If the LED turns off, check the wiring.

LEDs (nos. 13 to 16)	Meaning	Solution
	Short circuit on the wired input of the accessories	Check the wiring of the accessories. If the 4 LED lights continue to blink, remove the orange (5-6), black (7 to 9) and green (12 to 18) terminal strips successively to determine the cause of the short circuit. LEDs may light up in red continuously to indicate a fault in the removed terminal strip. If the 4 LEDs light up continuously, please contact the technical helpdesk of Somfy.

Settings LEDs	Meaning	Solution
	Locking/unlocking of the programming buttons	If all settings LEDs are blinking after pressing the programming button, the keypad is locked. Unlock the (see Section 10) locked programming buttons - Fig. 39) of the included manual of the Dexxo Smart io

PROG-LED	Meaning	Solution
○	No radio reception when pressing a button on the remote control	■ Check whether the button of the remote control is properly programmed. ■ Check whether remote control is equipped with the io-homecontrol radio technology. ■ Check the remote control batteries.
☀	Receipt of a wireless command but no response from the motor	■ Check the other LED lights to see if there is another fault. ■ The command is not operational from this position. ■ The button was programmed for a function other than the opening/closing of the garage door (for instance, for controlling the auxiliary output)