



RS485 SETTING TOOL

Installation guide



Ref. 5101887A

HOME MOTION by
somfy[®]

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1. INTRODUCTION

The RS485 SETTING TOOL is a smart digital system which enables the setting of SOMFY RS485 products (Somfy RS485 motors and interfaces).

This was designed to ease the integration and settings for OEMs & façade makers, but also to ease the installation and/or maintenance for installers thanks to fast connection and intuitive tool thanks to its display.

Moreover, its firmware can be easily updated to allow to have the latest compatibility version in hands.

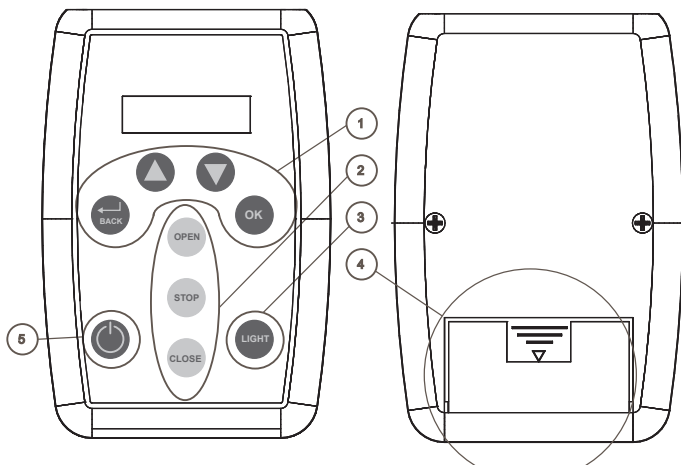
2. SAFETY

- This Somfy product must be installed by a professional motorisation and home automation installer, for whom these instructions are intended.
- Before installation, check that this product is compatible with the associated equipment and accessories.
- These instructions describe how to install, commission and use this product.
- Moreover, the installer must comply with current standards and legislation in the country in which the product is being installed, and inform his customers of the operating and maintenance conditions for the product.
- Any use outside the sphere of application specified by Somfy is not approved. Such use, or any failure to comply with the instructions given herein will invalidate the warranty, and Somfy refuses to accept liability.

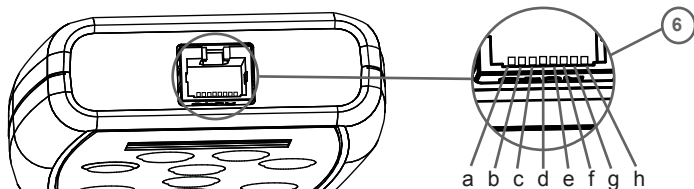
Subject to technical modifications.

3. DESCRIPTION & BATTERY INSTALLATION

3.1. description



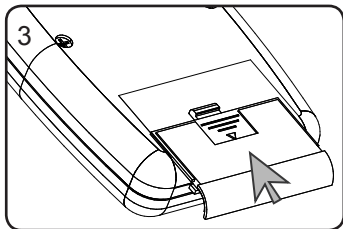
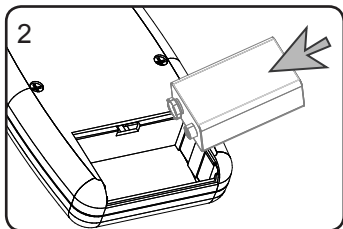
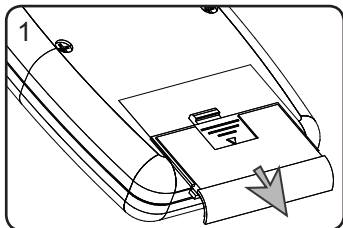
1: Navigation buttons	4: Battery compartment
2: Control buttons	5: On/Off
3: Backlight button	6: RJ45 socket



a: Ground	e: Not used
b: Ground	f: Not used
c: Not used	g: RS485 -
d: Not used	h: RS485 +

3.2. Battery installation

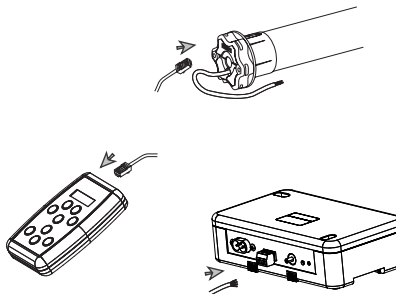
- 1) Remove the battery cover from the back of the RS485 SETTING TOOL.
- 2) Insert the batteries following the polarity indicated.
- 3) Replace the battery cover on the rear of the RS485 SETTING TOOL.



Please separate the storage cells and batteries from other types of waste and recycle them via your local collection facility.

4. WIRING

4.1. Connect the RS485 SETTING TOOL to the RS485 product



Between the RS485 SETTING TOOL and the RS485 product, the cable length should not exceed 10m.

5. COMMISSIONING

5.1. Switch on the RS485 SETTING TOOL

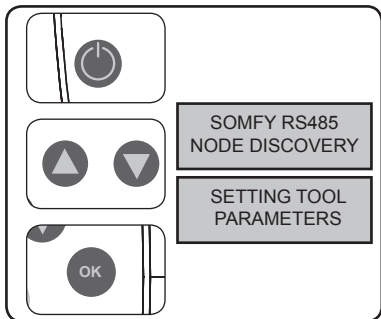


Point to point settings only (this is not a network tool).

1) Press the on/off button to switch on the RS485 SETTING TOOL.

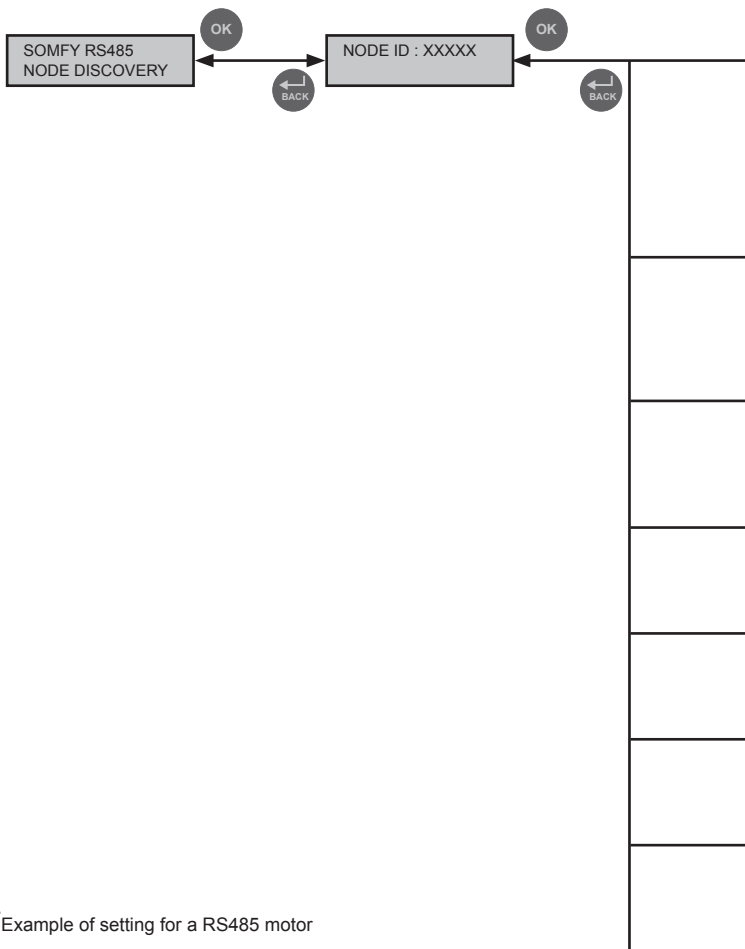
2) Choose the «Somfy RS485 node discovery» function or the «setting tool parameters» function by pressing the up and down buttons.

3) Press the «ok» button to enter in the chosen function.



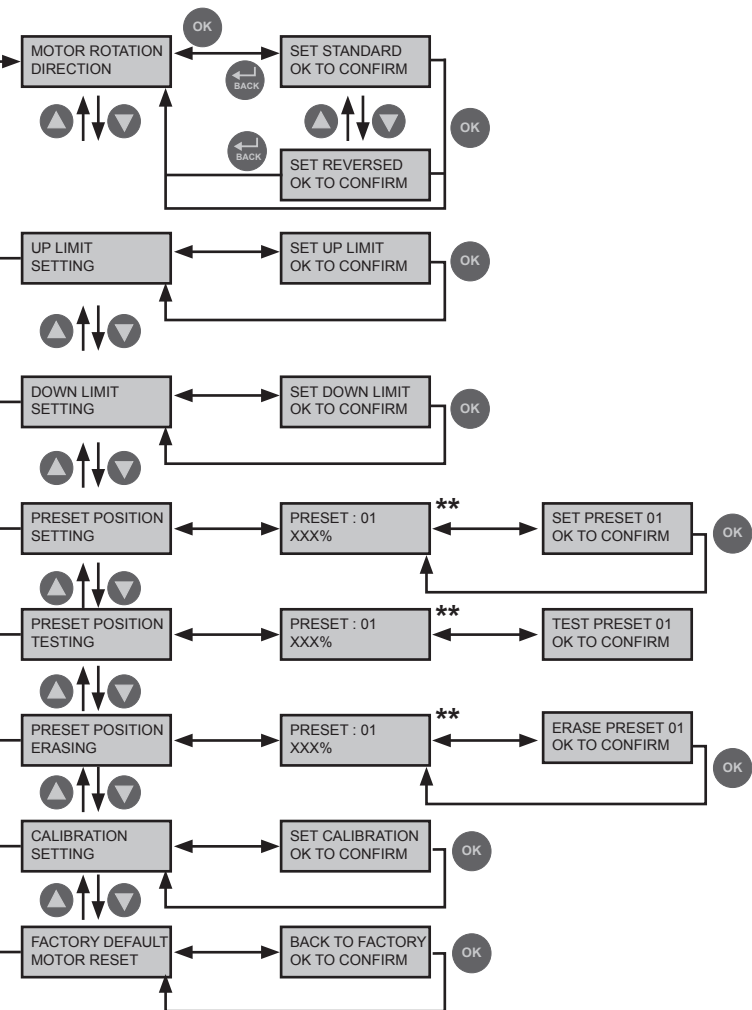
Use the «Up», «Down», «Back» & «Ok» buttons to navigate in the menu.

5.2. Somfy RS485 node discovery section*

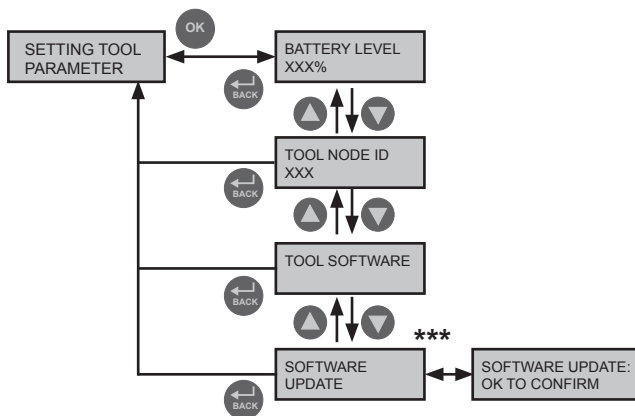


*Example of setting for a RS485 motor

** Select the preset position (1 to 16) with the ▲ ▼ buttons.



5.3. Setting tool parameters section



*** Please contact your local Somfy retailer for the informations about the Software update.

6. TIPS AND RECOMMENDATIONS

Questions on the RS485 SETTING TOOL

Observations	Possible causes	Solutions
The blind does not operate.	The wiring is incorrect.	Check the wiring and modify it if necessary.
	The RS485 SETTING TOOL battery is low.	Check whether the battery is weak and replace it if necessary.
The RS485 SETTING TOOL do not switch on.	The RS485 SETTING TOOL battery is low.	Check whether the battery is weak and replace it if necessary.

7. TECHNICAL DATA

Power supply	9Vdc
Type	ANSI : 1604A IEC : 6LR61
Operating temperature	-10°C to +60°C
Protection rating	IP30
Battery life time	1000 motors setting

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