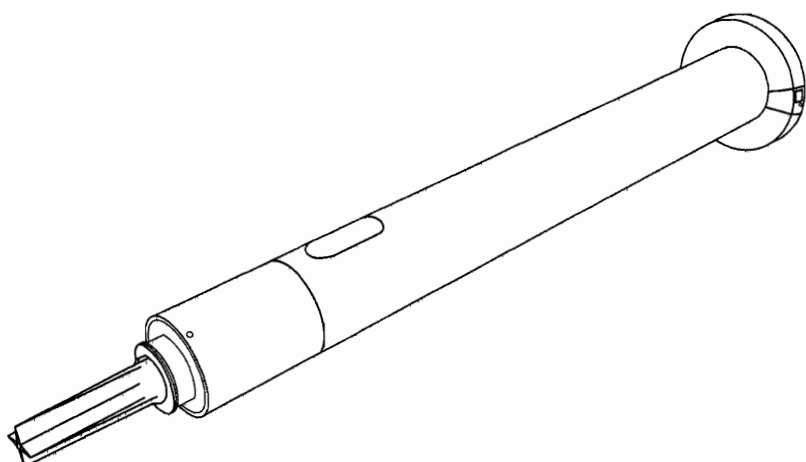


# Roll Up WireFree™ RTS



**Installation instructions**  
**Guía de instalación**  
**Guida di installazione**  
**Notice d'installation**

Please read installation instructions and programming instructions completely prior to proceeding with installation and programming. Failure to do so can result in damage to the motor and or the shade.

Be prepared to stop the shade during programming. The programming step where upper and or lower stop limits are set will activate the motor to move without stopping on its own. You will need to stop the motor using the remote as indicated or the shade and motor can get damaged.

Please use the motor specific instructions provided with your motor or shades. The remote control instructions can be used for reference and they are not as accurate as the motor instructions.

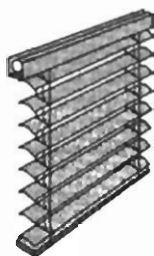
If you have any questions regarding programming or installation please call AV Outlet at 1-877-271-5398

## Safety

- This Somfy product must be installed by a professional motorization 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.

## Compatible blinds

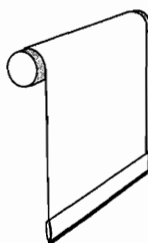
Venetian blinds / Silhouette blinds



Roman shades



Roller blinds



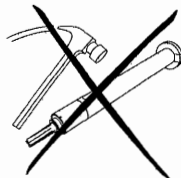
## General safety instructions

The safety instructions that must be observed, besides the usual rules, are explained in these instructions and in the attached «Safety Instructions» document.

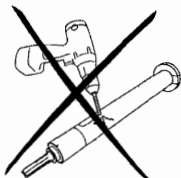
Never immerse the motor in liquid!



Avoid impacts!



Never drill holes in the motor!



Do not drop it!



## Installation

### Motor preparation

- 1) Fit the crown (a) and drive wheel (b) to the motor.
- 2) Measure the length (L) between the middle of the drive wheel and the head end.

### Tube preparation

Cut the tube to the required length. Deburr the tube and remove the debris.

### Motor/tube assembly

- 1) Slide the motor into the tube. Insert the wheel/drive by aligning the wheel to the tube profile. Insert the motor half way and then slide the crown down the motor and insert it in the tube. Finally, push the motor inside the tube.
- 2) Not required, but if needed, fix the tube to the motor with self-tapping screws or steel pop rivets depending on the dimension (L).

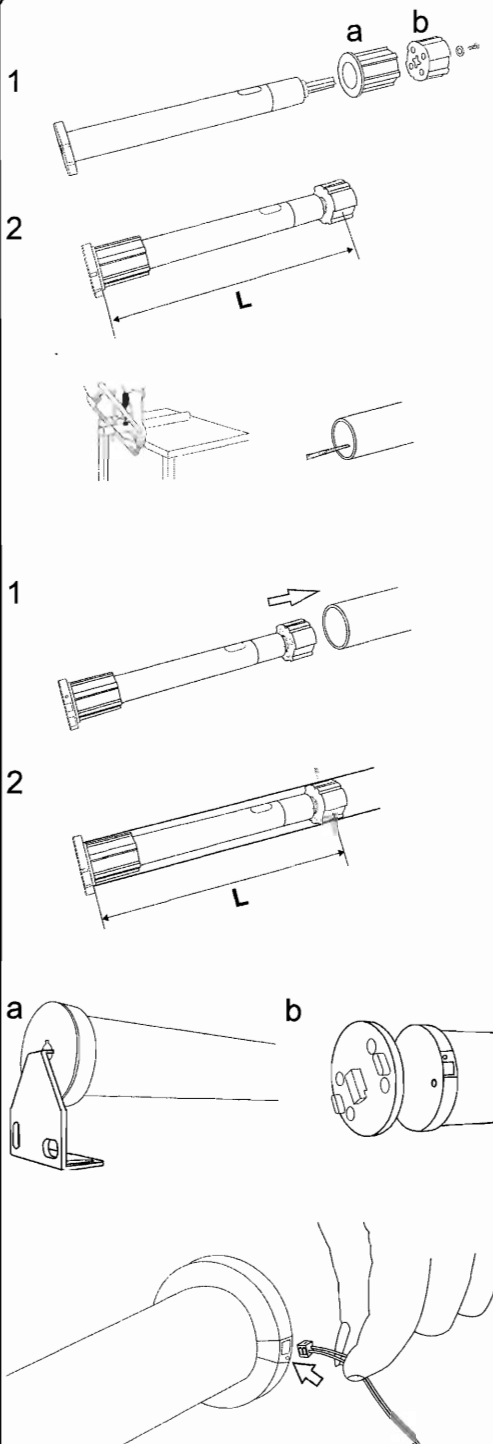
### Mounting the motorized tube on the brackets

- a) Standard bracket
- b) Motor plate for specific bracket

### Wiring

Plug the battery into the motor connector.

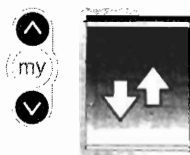
**Warning:** Do not unplug the battery when the motor works.



## Commissioning

### Programming the RTS transmitter

Press the UP and DOWN buttons simultaneously on the RTS transmitter: the shade moves for a few seconds and the transmitter is preprogrammed in the motor



### Checking the direction of rotation

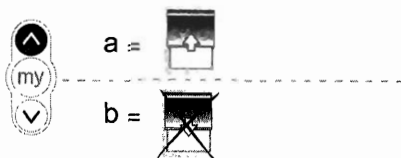
Press the RTS transmitter UP button:

a) If the shade is raised, the direction of rotation is correct: move to the section entitled «Adjusting the end limits».

b) If the shade is lowered, the direction of rotation is incorrect: move to the next step.

Press the RTS transmitter MY button until the shade jogs: the direction of rotation has been modified.

Press the RTS transmitter UP button to check the direction of rotation.



### Adjusting the end limits

The limits can be set in any sequence.

1) Press and hold the UP button to move the shade to the desired up position.

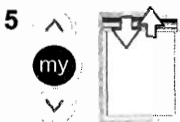
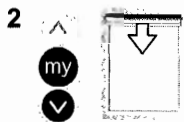
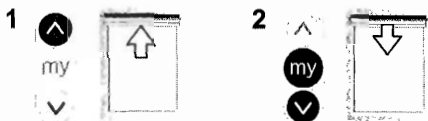
2) Press the MY and DOWN buttons simultaneously and release them once the shade begins to move. The up limit is memorized.

3) Press the MY button when it reaches the desired down position. If necessary adjust the down position, using the UP or DOWN buttons.

4) Press the MY and UP buttons simultaneously and release them when the shade begins to move. The down limit is memorized.

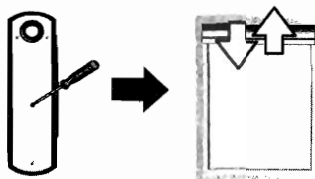
The shade moves up and will stop at its upper limit.

5) To confirm the end limits press and hold the MY button until the shade jogs. The end limits are recorded.



### Recording the RTS transmitter

Press the programming button on the back of the RTS transmitter until the motor jogs. The RTS transmitter address is permanently recorded.



## Use

### Mode Selection: Roller or Tilting mode

By factory default, the motor is in Roller mode but you can change from one mode to another.

Move the shade away from the end limits.

1) Press the UP and DOWN buttons until the shade jogs.



2) Press and hold the MY and DOWN buttons simultaneously until the shade jogs to change from Roller mode to Tilting mode.



### MY position

#### 1) Recording MY position.

To set the MY position, move the shade to the desired position with the UP and DOWN buttons then press the MY button until the shade jogs.



#### 2) Changing the MY position

To change the MY position go to the new desired MY position with the UP and DOWN buttons then press the MY button until the shade jogs.



#### 3) Delete the MY position

To delete the MY position, move to this position and press the MY button until the shade jogs.

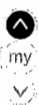


## Adjusting the tilting speed

1) To decrease the tilting speed, press and hold the STOP and DOWN buttons simultaneously until the shade jogs. Repeat as needed. If the shade does not jog, then the minimum setting has been reached. Press and hold the UP or DOWN button to test.

2) To increase the tilting speed, press and hold the STOP and UP buttons simultaneously until the shade jogs. Repeat as needed. If the shade does not jog, then the maximum setting has been reached.

1



2

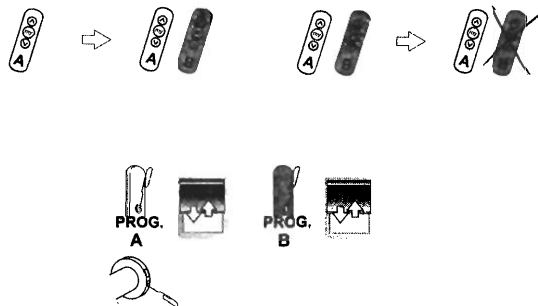


## Adding/Deleting RTS transmitter

Find an RTS transmitter programmed in the motor.

Press and hold the RTS programmed transmitter (A) PROG button or the motor PROG button until the shade jogs: the motor is in programming mode.

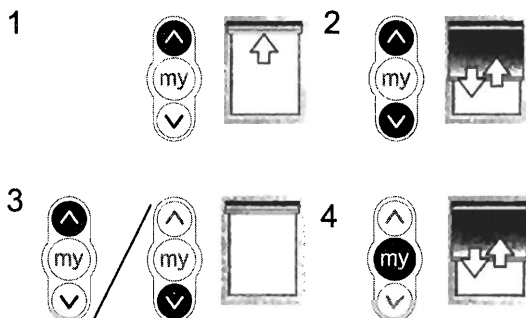
Quickly press the RTS transmitter (B) PROG button to add or delete: the shade jogs and the RTS transmitter is programmed or deleted from the motor.



## End limit re-adjustment

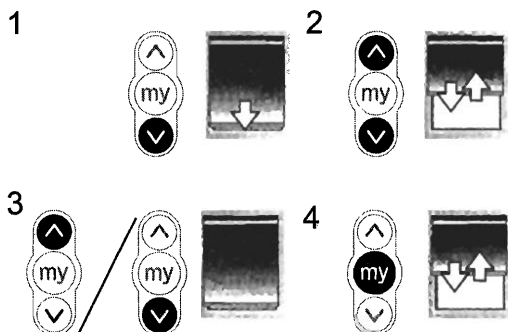
### UP LIMIT

- 1) Press the UP button, to move the shade to the limit to be readjusted.
- 2) Press and hold the UP and DOWN buttons simultaneously until the shade jogs.
- 3) Press and hold the UP or DOWN button to move the shade to the new desired position.
- 4) To confirm the new limit press and hold the MY button until the shade jogs.



### DOWN LIMIT

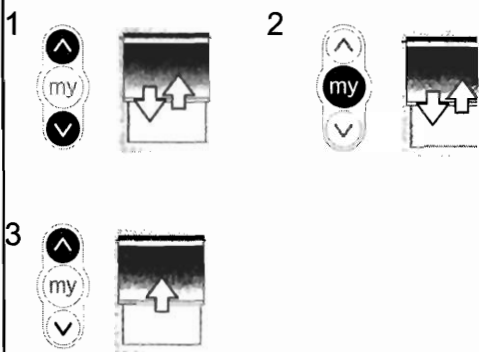
- 1) Press the DOWN button to move the shade to the limit to be readjusted.
- 2) Press and hold the UP and DOWN buttons simultaneously until the shade jogs.
- 3) Press and hold the UP or DOWN button to move the shade to the new desired position.
- 4) To confirm the new limit press and hold the MY button until the shade jogs.



## Modifying the motor rotation direction

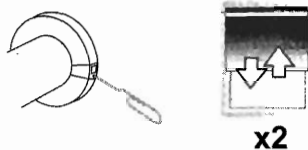
Move the shade away from the end limits.

- 1) Press the UP and DOWN buttons simultaneously until the shade jogs.
- 2) Press the MY button until the shade jogs to reverse the rotation direction.
- 3) Press the UP button to check the new direction of rotation.



## Erasing the transmitters of the motor

To delete all the transmitters programmed, press and hold the motor prog button until the shade jogs twice. All the transmitters are deleted.



x2

## Erasing the memory of the motor

To reset the motor, press the prog button on the motor head until the shade jogs 3 times. All the settings are erased.



x3

## Technical data

<b>Voltage</b>	<b>12V</b>
<b>Frequency</b>	<b>433,42MHz</b>
<b>Power source</b>	<b>AA 1.5V Lithium (x8)</b>
<b>Operating temperature</b>	<b>0°C / 60 °C</b>
<b>Protection rating</b>	<b>IP 30</b>
<b>Torque</b>	<b>1.1 Nm</b>
<b>Average Speed</b>	<b>27 rpm</b>

## TROUBLESHOOTING

If the motor does not move :

- check the wiring connection.
- make sure the batteries are new.
- if using battery tube, make sure the batteries are installed with the correct polarity.
- check the batteries of the remote control.
- The compatibility of the remote control.

If the motor stops working after excessive use wait for the motor to cool 5 minutes.

If the limits are not accurate, readjust the limits.

If the motor stops operating normally, the battery voltage may be too low. Replace batteries.