MAESTRIA RTS

helpful tips

What if in setting mode…

I'm trying to go down, but I cannot operate the motor

Problem faced

After taking the control on the motor, I press down, but the motor is stopping. In this configuration, it appears the obstacle detection is detecting an obstacle and prevent the motor from going down.

Solutions available

1

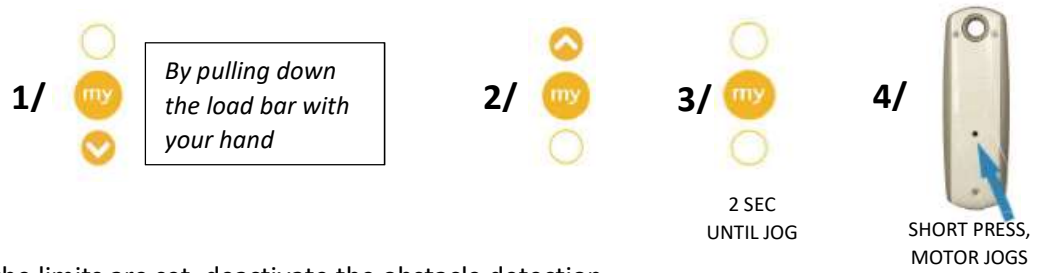
Using a higher torque motor

The motor used is under dimensioned.
If possible, use a higher torque motor to better adapt the motor to the end-product dimensions requirement.

2

Helping the loadbar to go to the down end limit

Press the Stop + down button while helping the load bar to go down.
By pulling the load bar down, you will help to absorb the potential bounces made by the load bar.
Reach the down end limit and then follow the manual setting process.
The motor need to operate for a minimum of 6 seconds between the up and down end limits in order to record the limits.



Once the limits are set, deactivate the obstacle detection

somfy.

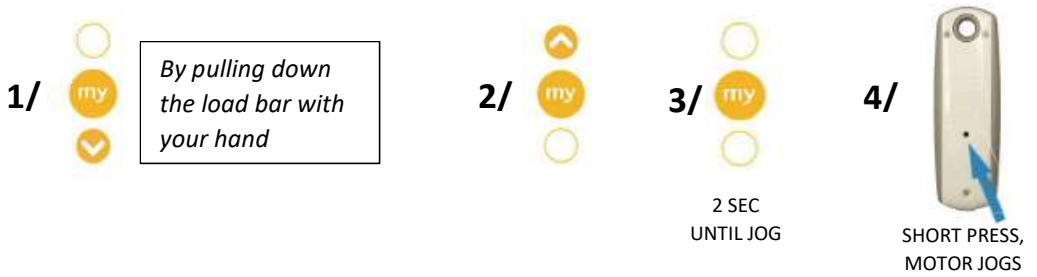
Helping the loadbar to go to a temporary down end limit

In the event the load bar is not able to go to the down end limit

Press the Stop + down button while helping the load bar to go down.

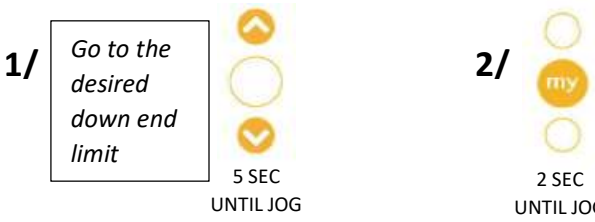
By pulling the load bar down, you will help to absorb the potential bounces made by the load bar.

Set **temporary limits** at a given down point located at least 6 seconds away from the up limit.



Once the limits are set, deactivate the obstacle detection

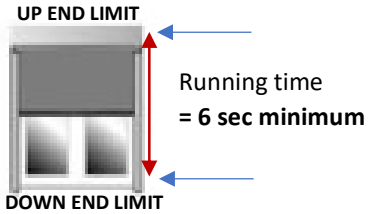
Once the obstacle detection is deactivated, re-set the end limits and follow the limits re-setting process



What if in setting mode…

I cannot register the end-limits in manual mode

In order to register the limits of the screen, you must have 6 seconds of motion between the up-end limit and the down-end limit.

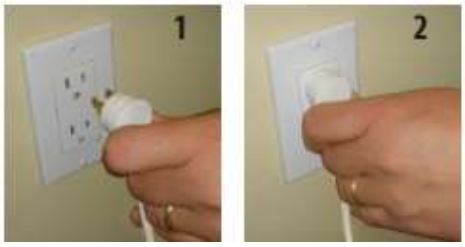


What if I want to change the setting mode…

I need to switch from one mode to another (manual to auto to semi-auto)

In setting mode (remote control not paired yet and settings not yet validated)

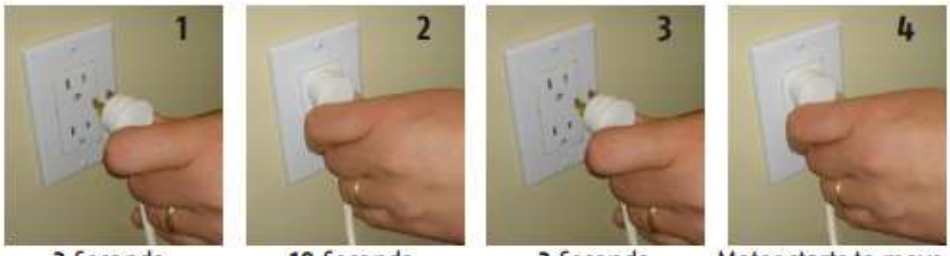
Perform a **Single** Power Cut to delete all previous settings and return motor to FACTORY MODE.



In user mode (remote control already paired)

Perform the dual power cut only on the concerned motor

Perform a **Dual** Power Cut to delete all previous settings and return motor to FACTORY MODE.



5 When the motor stops press and hold the programming button of any transmitter until the motor jogs **twice.**

Do not release the programming button until the jogging is complete or you will have to start the dual power cut from the beginning.

What if I'm plugging the motor and it jogs…

I need to go back to factory mode before setting the motor again

If the motor jogs when it is plugged, it means it the motor limits are set but the motor is not paired.

The limits where registered (My 2 sec at the end of the process), but the remote control was not paired (the prog button on the remote was not pressed)

In this situation, you will not be able to reset the motor.

If you want to reset the motor, it should be done after the programming process is 100% completed.

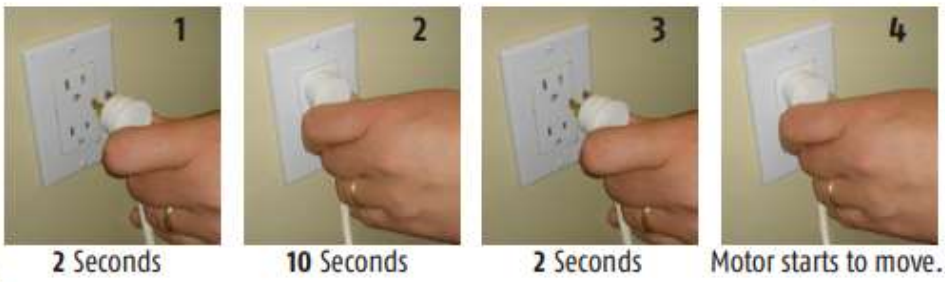
Step 1 – finish the intial setting

1/ Plug the motor **2/** The motor jogs **3/**  **4/** 

Step 2 – Dual power cut to reset the motor

Perform the dual power cut only on the concerned motor

Perform a **Dual** Power Cut to delete all previous settings and return motor to FACTORY MODE.



5 When the motor stops press and hold the programming button of any transmitter until the motor jogs **twice.**

Do not release the programming button until the jogging is complete or you will have to start the dual power cut from the beginning.

Step 3 – Re-Setting of the motor

Choose the required setting mode

- Manual
- Full automatic
- Semi-automatic (automatic up end limit and manual down end limit)

What if in user mode…

The obstacle is not detected

You can change the sensitivity of the obstacle detection to make it more sensitive. It will then require less torque to detect an obstacle. This adjustment could be useful with:

- Narrow product featuring a lighter load bar
- Product equipped with a motor which is over-dimensioned compared to the end-products size

When programming, all button presses must be completed within 2 seconds of the previous press.

This function gives the possibility to deactivate the obstacle detection or increase the sensitivity up from the default level during the downward movement.

1. ENTER THE OBSTACLE SETTING MODE

Move the screen to half-way position, press MY and UP briefly and again MY and UP until the screen jogs.

2. CHANGE THE OBSTACLE DETECTION LEVEL

If the actuator goes back to USER MODE (short jog) repeat Step 1.

To Deactivate:

Press UP briefly within 2 seconds and then press UP briefly again. The sceen will jog slowly and is now deactivated.

IF THE JOG IS SHORT YOU'VE REACHED THE DEFAULT SETTING. TO DEACTIVATE PRESS UP AGAIN.

To Increase Sensitivity:

Press DOWN briefly within 2 seconds and then press DOWN briefly again. The sceen will jog slowly and is now more sensitive.

IF THE JOG IS SHORT YOU'VE REACHED THE DEFAULT SETTING. TO INCREASE SENSITIVITY PRESS DOWN AGAIN

3. CONFIRM THE NEW SETTING & EXIT THE SETTING MODE

Press MY/STOP until the screen jogs to confirm the new setting.

The registered level of Obstacle Detection will be reached when entering Step 1 again.

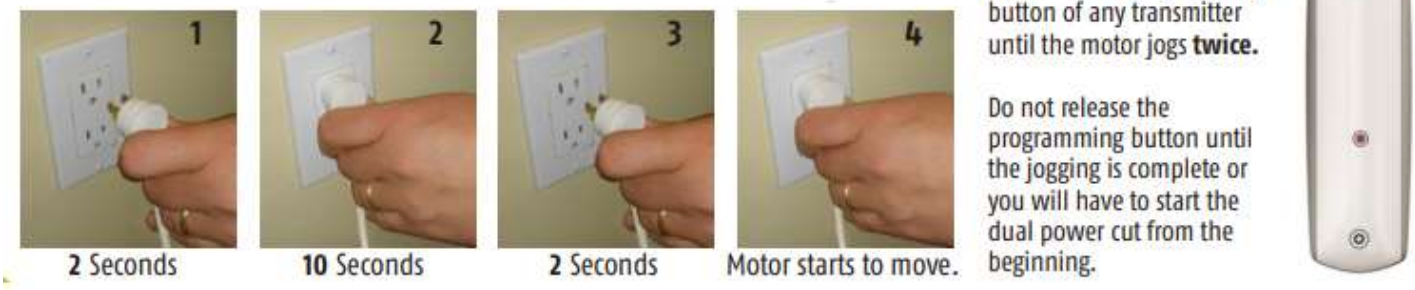
What if in user mode…

I’m reaching the upper end-limit and the load bar is going down

Step 1 – Dual power cut to reset the motor

Perform the dual power cut only on the concerned motor

Perform a **Dual** Power Cut to delete all previous settings and return motor to FACTORY MODE.



Step 2 – Re-Setting of the motor

Reset the motor in manual mode by ensuring the up-end limit will be positioned at about 1/4 inches from the up-end limit

The load bar shouldn’t touch the cassette.