



# QUICK PROGRAMMING GUIDE FOR MAESTRIA™ 50 RTS MOTORS



50mm motor diameter



Side View

## FACTORY MODE

### BEFORE YOU BEGIN

Motors are shipped in FACTORY MODE without limit settings and the transmitter ID's. Power must ONLY be connected to current screen being programmed. All other screens must be disconnected from their respective power while programming.

Note - If motor is 120V AC hardwired and cannot be disconnected, please contact an electrician prior to calling Somfy customer service for assistance.

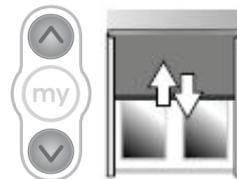
## CONNECT TO POWER MODE

With the motor installed in the screen, connect power to the motor (120V AC).

While programming, screens should not be inactive for longer than 2 minutes or motor will exit PROGRAMMING MODE.

## INITIATE PROGRAMMING

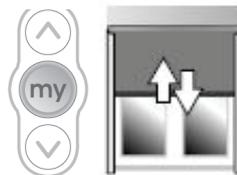
On the transmitter, press and hold both UP and DOWN simultaneously until the screen jogs.



## CHECK THE DIRECTION OF OPERATION

If hand-held transmitter direction is not properly programmed, Eolis/Soliris RTS sensor will not function in the manner it was intended. Damage to the screens and injury may occur as a result.

Check the direction of rotation by pressing UP or DOWN. If necessary change the direction of rotation by simply pressing and holding the MY button until the screen jogs.



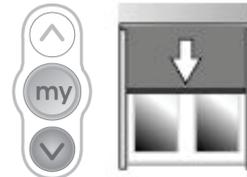
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## PROGRAMMING MODE

### MANUAL ADJUSTMENT OF THE UPPER END LIMIT AND THE LOWER END LIMIT

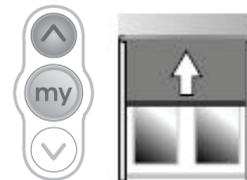
1) Position the screen at the desired UPPER Limit

2) Press MY and DOWN simultaneously:  
the screen lowers.

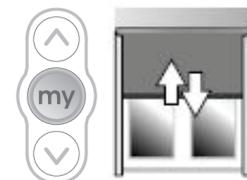


3) Position the screen at the desired  
LOWER Limit.

4) Press MY and UP simultaneously:  
the screen raises.



5) Press MY until the screen jogs to  
validate the end limit setting.



6) Flip the remote over and push the program button  
on the back until the screen jogs to finalize the  
programming

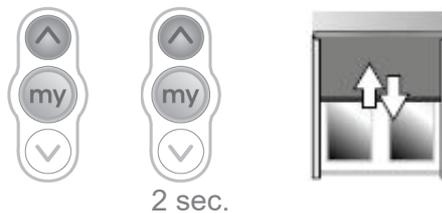
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## OBSTACLE DETECTION

### CHOICE OF THE LEVEL OF DETECTION

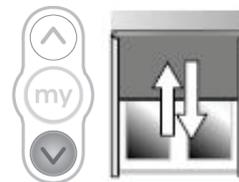
 *This function gives the possibility to adjust the obstacle detection during the downward movement to deactivate it or adjust the sensitivity.*

1) Starting from the screen in half-way position, press MY and UP briefly and again MY and UP for 2 seconds. The screen jogs.



2) Within 10 seconds press UP or DOWN to change the level of detection.  
(without feedback within 10 seconds the actuator goes back to USER MODE.  
Go back to Step 1.)

ESD level 0: the obstacle detection is more sensitive. The screen moves up and down slowly.



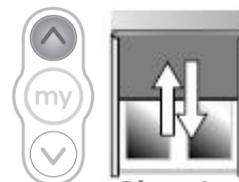
ESD level 1: (DEFAULT) - the obstacle detection is reliable on most zip screens. The screen jogs.

The Factory default is OK for Tall Hem Bar (unless narrow opening).

For short hem bar units, put the motor in more sensitive mode (ESD level 0).



ESD level 2: the obstacle detection is deactivated. The screens moves up and down slowly.



3) Press MY for 2 seconds to validate the setting.

The screen jogs.

