

QUICK PROGRAMMING GUIDE FOR MAESTRIA™ 50 RTS MOTORS

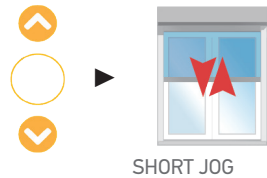


IMPORTANT TO NOTE: Programming screens should not be inactive for more than 2 minutes or motor will exit PROGRAMMING MODE. In which case you will need to start from Step 1.

MANUAL SETTING OF THE END LIMITS

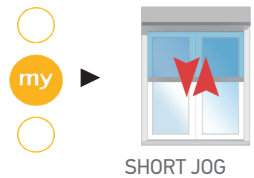
1. INITIATE PROGRAMMING

On the transmitter, press briefly both **UP** and **DOWN** simultaneously: the screen jogs.
INSTALLER TIP: It is the same procedure as with Altus motors.



2. CHECK THE DIRECTION OF OPERATION

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.



NOTE: 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.

3. PROGRAMMING MODE - MANUAL ADJUSTMENT

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) Briefly press the **programming button** on the back of the transmitter with a paper clip: the screen jogs.



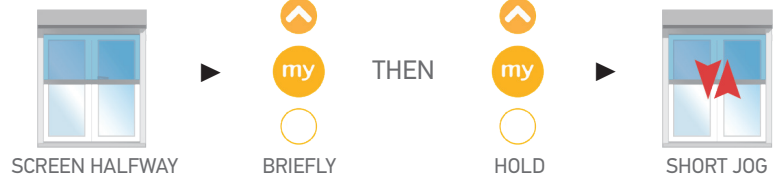
OBSTACLE DETECTION - CHANGE THE LEVEL OF DETECTION OR DEACTIVATE

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:

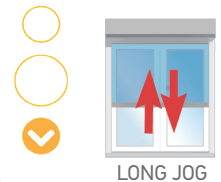
Press **UP** briefly within 2 seconds and then press **UP** briefly again. The screen will jog slowly and is now deactivated.



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

To Increase Sensitivity:

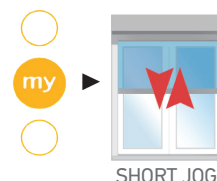
Press **DOWN** briefly within 2 seconds and then press **DOWN** briefly again. The screen will jog slowly and is now more sensitive.



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.

For more information please visit www.somfysystems.com/Maestria

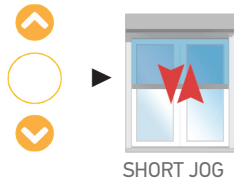
IMPORTANT TO NOTE: Programming screens should not be inactive for more than 2 minutes or motor will exit PROGRAMMING MODE. In which case you will need to start from Step 1.

AUTOMATIC SETTING OF THE END LIMITS

Automatic setting at UP end limit is only compatible with screens featuring a hard stop.

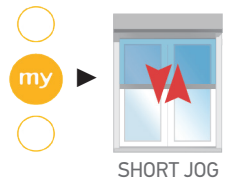
1. INITIATE PROGRAMMING

On the transmitter, press briefly both **UP** and **DOWN** simultaneously: the screen jogs.



2. CHECK THE DIRECTION OF OPERATION

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.

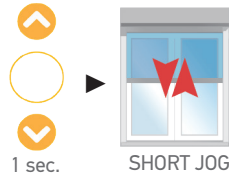


NOTE: If hand-held transmitter direction is not properly programmed, Eolis/Soliris RTS sensor will not function in the manner it was intended. Damage to the screens and injury may occur as a result.

3. PROGRAMMING MODE - AUTOMATIC ADJUSTMENT

1) Bring the screen to it's halfway position.

2) Briefly press both the **UP** and **DOWN** buttons simultaneously. The screen jogs.



3) Press the **DOWN** button: the screen lowers until it detects the LOWER Limit, performs a brief upward movement and returns to it's LOWER Limit position.



4) To validate the setting, press **MY** until the screen jogs.



5) Briefly press the **programming button** on the back of the transmitter with a paper clip: the screen jogs.



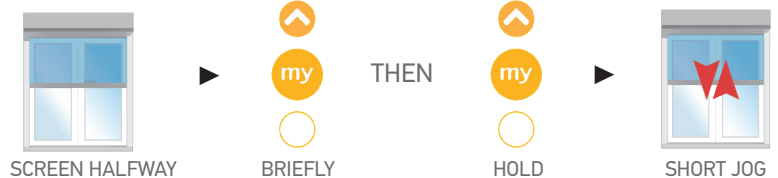
OBSTACLE DETECTION - CHANGE THE LEVEL OF DETECTION OR DEACTIVATE

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.

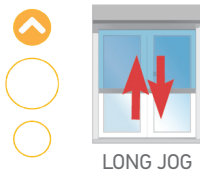


2. CHANGE THE OBSTACLE DETECTION LEVEL

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

To Deactivate:

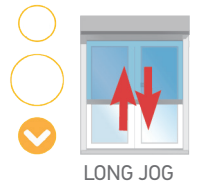
Press **UP** briefly within 2 seconds and then press **UP** briefly again. The screen will jog slowly and is now deactivated.



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

To Increase Sensitivity:

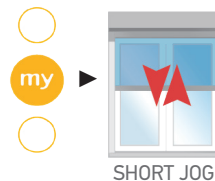
Press **DOWN** briefly within 2 seconds and then press **DOWN** briefly again. The screen will jog slowly and is now more sensitive.



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.

For more information please visit www.somfy.com/Maestria

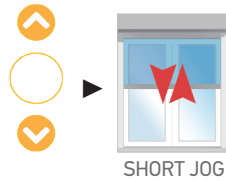
IMPORTANT TO NOTE: Programming screens should not be inactive for more than 2 minutes or motor will exit PROGRAMMING MODE. In which case you will need to start from Step 1.

SEMI-AUTOMATIC SETTING OF THE END LIMITS

Automatic setting at UP end limit is only compatible with screens featuring a hard stop.

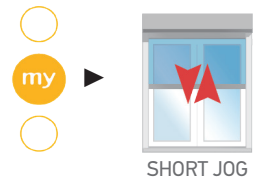
1. INITIATE PROGRAMMING

On the transmitter, press briefly both **UP** and **DOWN** simultaneously: the screen jogs.



2. CHECK THE DIRECTION OF OPERATION

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.



NOTE: 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.

3. PROGRAMMING MODE - SEMI-AUTOMATIC ADJUSTMENT

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

1) Position the screen at the desired LOWER Limit.



3) Press **MY** to stop the screen.



4) Press **MY** until the screen jogs to validate the LOWER Limit setting. Following this step the UPPER Limit is set automatically.

2) Press **MY** and **UP** simultaneously: the screen raises.

5) Briefly press and hold the **programming button** on the back of the transmitter with a paper clip: the screen jogs.



OBSTACLE DETECTION - CHANGE THE LEVEL OF DETECTION OR DEACTIVATE

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.

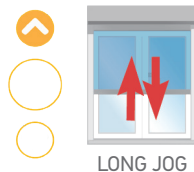


2. CHANGE THE OBSTACLE DETECTION LEVEL

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

To Deactivate:

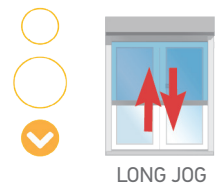
Press **UP** briefly within 2 seconds and then press **UP** briefly again. The screen will jog slowly and is now deactivated.



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

To Increase Sensitivity:

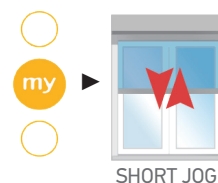
Press **DOWN** briefly within 2 seconds and then press **DOWN** briefly again. The screen will jog slowly and is now more sensitive.



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.

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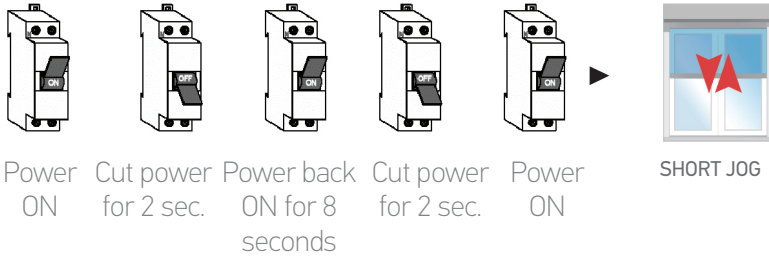
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USER MODE

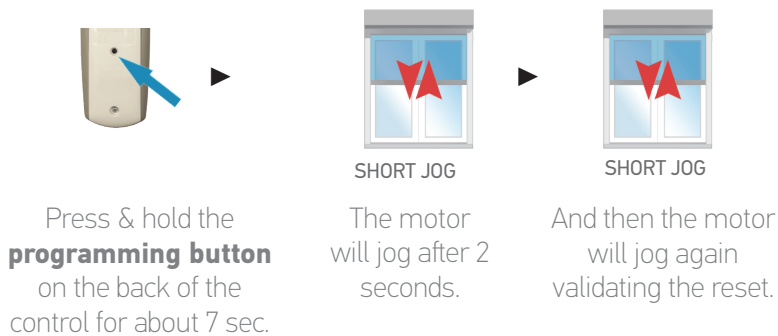


RESETTING THE MOTOR TO FACTORY MODE

1. PERFORM DOUBLE POWER CUT-OFF



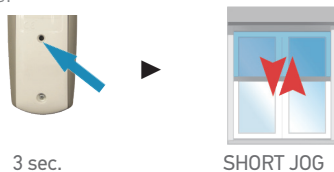
2. FINISH THE RESET



ADDING/ DELETING TRANSMITTERS

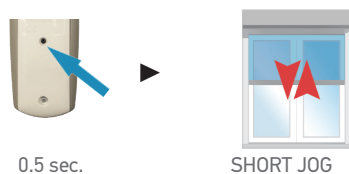
1. INITIATE PROGRAMMING

Press & hold the **programming button** (about 3 seconds) of an already programmed remote control. The motor will jog and is now in Programming Mode.



2A. ADDING A NEW TRANSMITTER

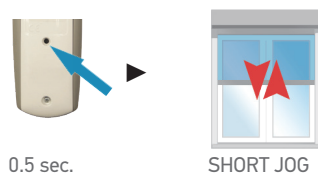
Briefly press the **programming button** on the back of the transmitter to be added. The motor jogs.



New transmitter is programmed and ready to operate the screen.

2B. DELETING A TRANSMITTER

Briefly press the **programming button** on the back of the previously programmed transmitter to be deleted. The motor jogs.



The transmitter is now deleted from the motor's memory.

ADJUSTING LIMITS AFTER PROGRAMMING IS COMPLETED

TO CHANGE THE LOWER LIMIT

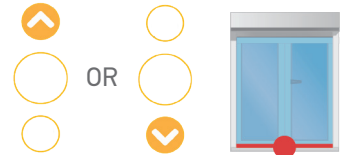
STEP 1: Press **DOWN** to send the screen to its current LOWER Limit.



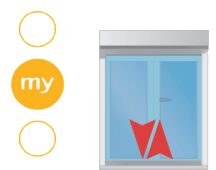
STEP 2: Press and hold both **UP and DOWN** simultaneously until the screen jogs.



STEP 3: Adjust to a new LOWER Limit position.

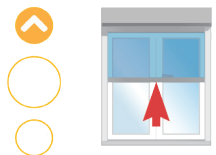


STEP 4: Press & hold the **MY/STOP** button until the screen jogs, to confirm the new limit.



TO CHANGE THE UPPER LIMIT:

STEP 1: Press **UP** to send the screen to its current UPPER Limit.



STEP 2: Press and hold both **UP and DOWN** simultaneously until the screen jogs.



STEP 3: Adjust to a new UPPER Limit position.



STEP 3: Press & hold the **MY/STOP** button until the screen jogs, to confirm the new limit.

