Limit Switch Setting Instructions

For Simu 505, 510 and Somfy 404S2, 409R2

Warning: Do not set limits using a drill. Use of a high speed drill may cause permanent damage to the limit screws and voids the warranty.

1. Using a tester kit or wall switch, connect power to a single motor.

2. When the shades come out of the box do not assume that the limits are set. Stay near the switch.

3. Run the shade down to the bottom of the window height. If the shades do not stop before it reaches the bottom of the window, stop it manually. If the shades stop before reaching the bottom, skip step 4.

4. For regular roll shades (the following will be reversed for reverse roll), use a cordless drill with the limit setting stick to turn the hexagonal screw found on the head of the motor. Turn the screw further from the window to the - direction. An arrow should be visible on the head of the motor showing the direction of revolution along with +/- for the screw. Run the shade up 10" from the bottom. Run the shade down again. If the shade does not stop at or before the bottom of the window, repeat step 4 until it does.

5. Once you have found the limit, apply power to the down direction and turn the limit screw further from the window (reversed for reverse roll, i.e. closest to window) to the + direction. The shade should incrementally lower as you turn the screw.

6. Once you get the shade to lower and stop at the bottom of the window, remove the limit setting stick. If you need to fine tune the limit, turning the screw will change the limit even though it may not incrementally jump down. The only way to see if there is a change is to run the shade up and then back down.

7. If you have been running the shade up and down for a long period of time, be aware that there is a thermal override built into the motor. If the shade cuts off and will not operate after going up and down, wait 10 minutes before continuing.

8. To set the upper limit, run the shade up to the top of the window height. If the shades do not stop about 5" from the top, stop it manually. If the shades stop before reaching the top, skip step 9.

9. For regular roll shades (the following will be reversed for reverse roll), use a cordless drill with the limit setting stick to turn the other hexagonal screw found on the head of the motor. Turn the screw closest to the window to the - direction. An arrow should be visible on the head of the motor showing the direction of revolution along with +/- for the screw. Run the shade about 10" down. Run the shade up again. If the shade does not stop at or before 5" from the top of the window, repeat step 9 until it does.

10. Once you have found the limit, apply power to the up direction and turn the limit screw closest to the window (reversed for reverse roll, i.e. furthest from window) to the + direction. The shade should incrementally raise as you turn the screw.

11. Once you get the shade to raise and stop at the top of the window, remove the limit setting stick. If you need to fine tune the limit, turning the screw will change the limit even though it may not incrementally jump up. The only way to see if there is a change is to run the shade down and then back up.

12. Be careful at the top as the hembar should stop about ½" from the roller tube. The hembar should not enter

the fascia or be able to hit anything at the top of the shade such as the flap.

13. Run the shade up and down two or three times to make sure that the limits are set and that there is not any problems operating the shade
(i.e. telescoping, binding, etc.).

For Somfy LT50, LT28 Motor

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1. Using a tester kit or wall switch, connect power to a single motor.

2. When the shades come out of the box do not assume that the limits are set. Stay near the switch.

3. Depress both the yellow and white switches on the head of the motor. There are no limits now.

4. Run the shade down the bottom of the window height and stop it manually.

5. Determine which button controls the bottom limit by depressing one and popping it out. Run the shade up for about 5" and then back down. If the shade stops at the bottom as you stopped it before, then the bottom limit is set. If not, it is the other button. Push the wrong button back in. And repeat steps 4 and 5 with the correct button.

6. Run the shade to the top of the window height and stop it manually. Depress the remaining limit button so it pops out. The top limit is now set.

7. Be careful at the top as the hembar should stop about ½" from the roller tube. The hembar should not enter the fascia or be able to hit anything at the top of the shade such as the flap.

8. Run the shade up and down two or three times to make sure that the limits are set and that there is not any problems operating the shade
(i.e. telescoping, binding, etc.).

This is for motor limit setting
Component#: INS-MTRLIMIT