

Photon Motor

Programming Manual



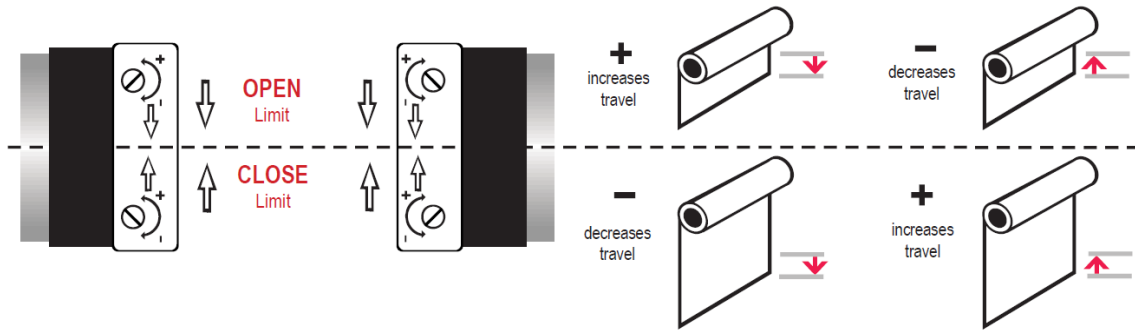
PHOTON MOTOR

Features & Benefits

Setting Motor Limits

The motor limits are set manually with the hex screw driver provided or with a tool that the installer uses to set switch motors with.

Below is a table that shows a motor positioned on the left or right side of the tube and the direction to turn the hex screw to adjust the top and bottom limits.



Limit settings can be adjusted using a limit setting tool, hex key or flat head screwdriver. Power must be supplied to the motor in the direction required in order to set the limits. Turn the limit screws in the direction indicated above to increase or decrease blind travel.

The Solar receiver unit is supplied with enough charge from the factory to enable limit settings and several days of operation before Sunlight is required to re-charge the battery.

To set the Top limit, press the UP button on the remote control, as the blind starts to move, turn the OPEN limit on the motor head using the Hex driver tool to increase or decrease the limit. If you continually turn the limit fast enough (by hand using the tool) the awning upper limit will creep up in small increments. If the power times out, select the channel button on the remote control and press the UP button again.

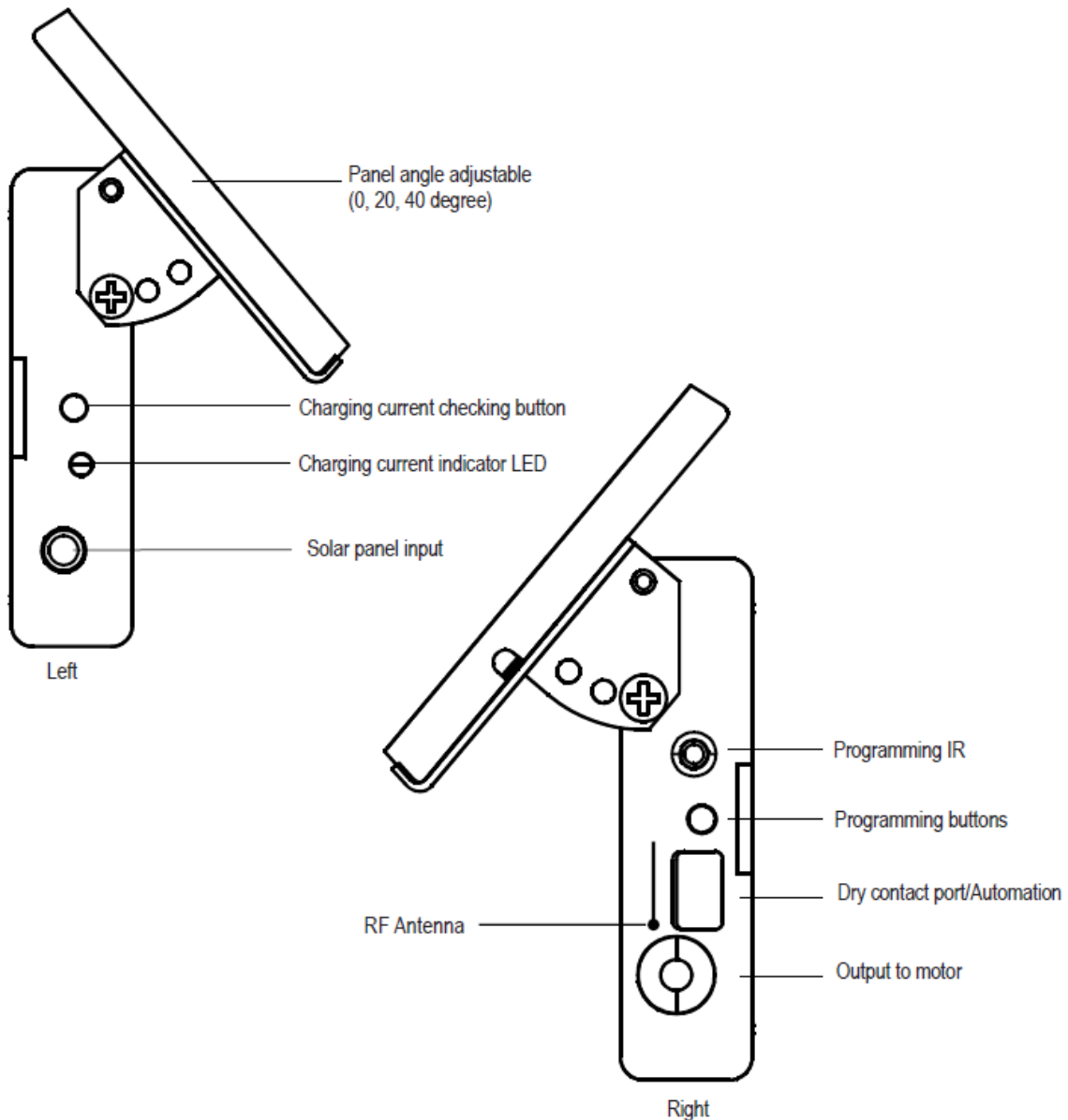
Remember the green LED light must be illuminated on the remote control after selecting the correct channel for the motor to respond.

Complete the same process above, but in the down position on the remote and using the Close limit Hex screw on the motor head to set the bottom limit.

Battery Pack/Receiver Unit

The battery pack / receiver unit is what drives and controls the motor. There are 2 components within this housing.

- Battery this is where the power/charge is stored and supplies the motor with power to operate. the battery is recharged via the solar panel and power management electronics
- Receiver unit, this contains the electronics that communicate with the motor, remote control and automation system.



Pairing & Programming Remote

Complete steps 2-5 in less than 8 seconds.

1. Press the 'Programming button' on the battery / receiver unit, this will send the awning down. Allow the awning to travel 500mm from the top and press the 'Programming button' to stop at this position. This will stop the awning from travelling beyond its top limit prior to the limits being set.

Refer to Image 2 (previous page)

2. Press and hold the 'Programming button' on the battery/receiver unit
3. While still holding the 'programming button', select the channel on the remote control that you want the Awning to operate on.
4. Now press and hold the 'up' button. The Awning will jog to indicate that it has paired with the remote control.
5. Release the 'programming button' on the battery pack/receiver
6. To operate the Awning, select the channel (make sure the green light is illuminated) and press the up/down button.

To remove a previous programmed channel, complete the same process as above; however press the DOWN button instead of UP.

Change Motor Direction

If the Motor is mounted on the right-hand side, the motor direction will need to be changed to operate the Awning.

1. Select the channel that the Awning is paired with.
2. Press and hold the 'ALL' button for six seconds; the LED indicator L.E.D on the top of the remote will start flashing green
3. Point the remote at the 'Programming IR' located on the right-hand side of the battery pack / receiver unit. Press and hold the 'UP' button on the remote; the Awning will jog to indicate the direction has been changed.
4. Press the 'ALL' button on the remote to save the motor direction.