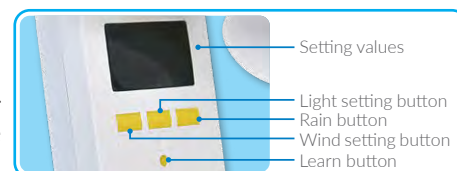


## Motolux Solar Powered Sun and Wind Sensor - 801811001 (AC302-01)

### Pairing the Sensor to a Motolux RF Motor

Please note that Blinds and Awnings should be Paired, and Limits set with a Remote Control first before pairing the Sun/Wind Sensor.

1. On the Remote, Push and Hold the STOP button until the motor gives a jiggle.
2. Within 10 seconds, Push and Hold the "Learn" Button on the underside of the Sensor; the motor will give a jiggle indicating that pairing was successful.



### Setting Up the Sun/Wind Sensor for Operation

Please Note:

- This model **does not** have a Rain Sensor function but retains this button for programming purposes.
- Zero in any function will indicate that function will be switched off, e.g. Wind Sensor setting 0 will switch off the Wind Sensor function.
- Each button will increase the increment values from 0 - 9 and will return to 0 once past 9.
- Looking at the screen from left to right

#### Wind Sensor

The Left-hand digit indicates the Wind setting with a range of 0 – 9, a setting of 0 turns off the function.

The Left-Hand Button looking at the screen controls the Wind Sensor setting function, push this button repeatedly until the desired level is reached.

The below table shows each Wind Speed setting range.

<b>Wind Speed</b>	10Km/h	15Km/h	20Km/h	25Km/h	30Km/h	35Km/h	40Km/h	45Km/h	50Km/h
<b>Wind Force</b>	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9

Reaction time is 3 seconds once the set threshold is reached, the sensor will then retract the Blind or Awning.

For safety, the Blind or Awning cannot be operated by Remote Control for 5 minutes after the wind speed falls below the set threshold.

#### Light Sensor

The middle digit indicates the Light setting with a range of 0 – 9, a setting of 0 turns off the function.

The Middle Button looking at the screen controls the Light Sensor setting function, push this button repeatedly until the desired level is reached.

The below table shows each Light Intensity setting range.

<b>Light Intensity</b>	0.2 Klux..... 10Klux								
<b>Setting</b>	1	2	3	4	5	6	7	8	9

When pre-set Light levels have been reached for 1.5 minutes of constant light, the sensor will then extend the Blind or Awning. Once the Light Level has dropped below the pre-set value for 1 minute consistently, the sensor will then withdraw the Blind or Awning.

*\*For the Light Sensor to be effective the top of the unit must have a clear view of the sky, please do not install the unit under eaves or where it will be affected by trees or branches casting shadows onto the sensor.*

## Motolux Solar Powered Sun and Wind Sensor - 801811001 (AC302-01)

### Setting Up the Sun/Wind Sensor for Operation cont.

#### Test Mode

Enter the test mode, press the Wind and Rain set button simultaneously for 3 seconds, LED flashes to indicate test mode.

In test mode, the digital display of the current level of the detected signal strength, sensitivity is automatically set to the lowest position (most likely to trigger), the response time is one second. Exit the test mode, press the Wind and Rain control buttons 3 seconds, the LED is off when exit the adjustment mode.

**Note:** To save power, in test mode the maximum time limit is three minutes, three minutes after launched automatically.

#### Caution

1. Installation location should make solar charging panels have maximum exposure time.
2. Wind and light sensor must not be sheltered by debris like leaves, otherwise it will affect the normal operation of the sensor and even cause sensor failure.
3. Select the correct installation position to allow the sensor to be fully sensitive to wind speed and light intensity, otherwise it will affect the normal operation of the sensor.
4. Blind or Awning will extend when the light intensity reaches the set level, light intensity lower than the default level (dark) will automatically withdraw the Blind or Awning.
5. The wind sensor will withdraw Blind or Awning only when the wind speed reaches set level, it will not automatically extend after the wind has stopped.
6. When the Sun/Wind sensor is triggered the indicator light will flash once.
7. If both Sun and Wind functions are being used: After the wind sensor is triggered, there is a 5-minute time delay protection. Namely: after wind sensor response, the product does not respond to light levels within five minutes.