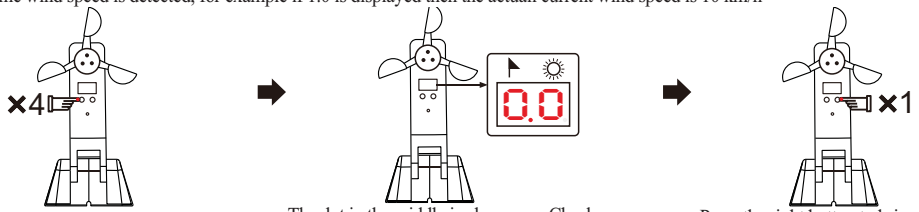
8. Testing Mode

Wind speed testing mode.

Real time wind speed is detected, for example if 1.0 is displayed then the actuall current wind speed is 10 km/h



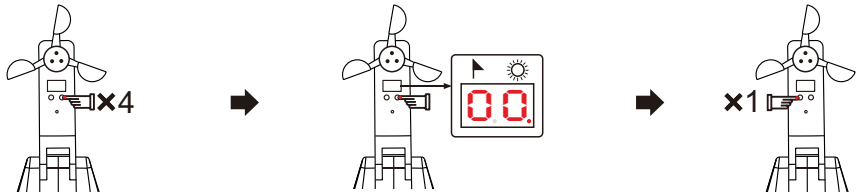
Press the left button 4 times

The dot in the middle is always on. Check display for wind speed reading

Press the right button to bring the unit out of testing mode.

Light intensity testing mode.

Real time testing of light intensity, for example if 10. is displayed then the actual lux level is 10,000. (See note below for extra information).



Press the right button 4 times

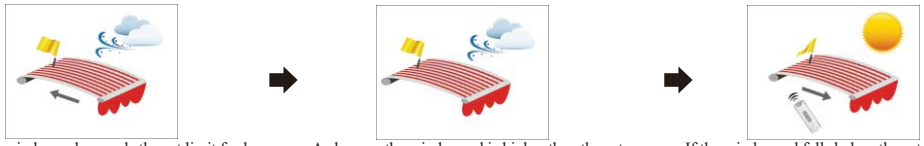
The dot in the corner is always on. Check display for light intensity reading

Press the left button to bring the unit out of testing mode.

Note: In light intensity testing mode, the display shows the light intensity.from 1000 to 100,000 lux. below 1000 lux it will show 00. and above 100,000 it will show 99. All other readings are simply multiplied X 1000. Unit will time out after 3 minutes if untouched in that time.

9. Functionality

1. protection from strong winds

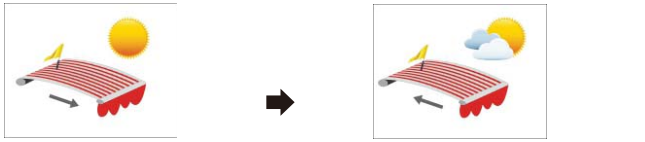


If the wind speed exceeds the set limit for longer than 6 seconds, an order will be issued for the motor to close the awning.

As long as the wind speed is higher than the set limit, It's not possible to open the Awning by any method. The remote commands and sun sensing both become invalid.

If the wind speed falls below the set level for 30 continuous seconds, normal operation will resume.

2. Control by light sensing



If the light intensity setting is exceeded for 10 minutes, the motor will be told to open an awning or drop a blind as the case may be.

If the light intensity drops below the set level for 10 minutes, the motor will be told to close the awning or raise a blind as the case may be.

Wind-Light Sensor Instruction

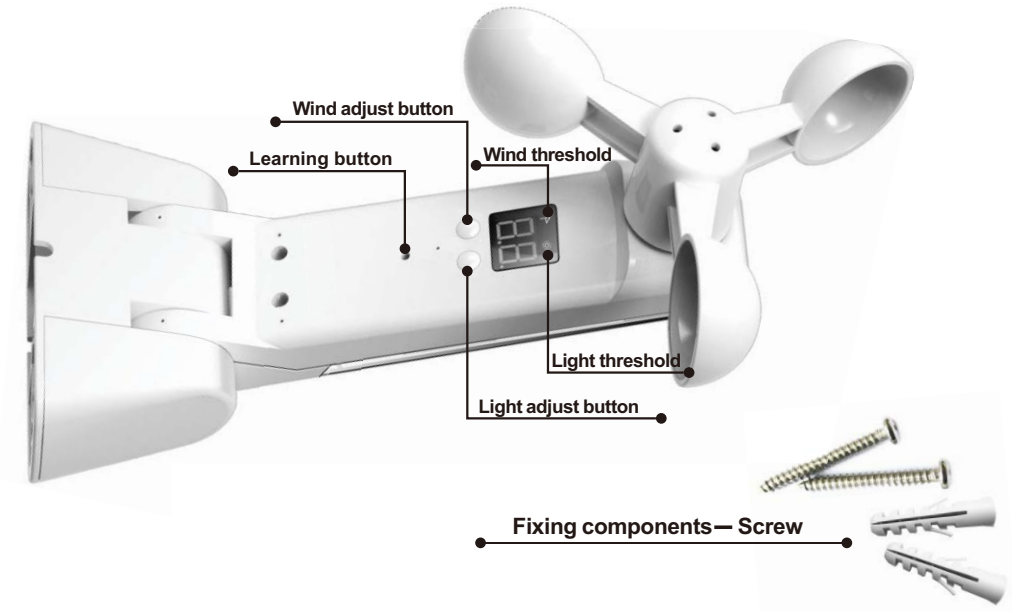
1. Technical Data

- Protection Index: IP44
- Temperature: -20℃ to +60℃
- Working Current: ≤12mA
- Codes: Rolling Codes
- Frequency: 433.92MHz

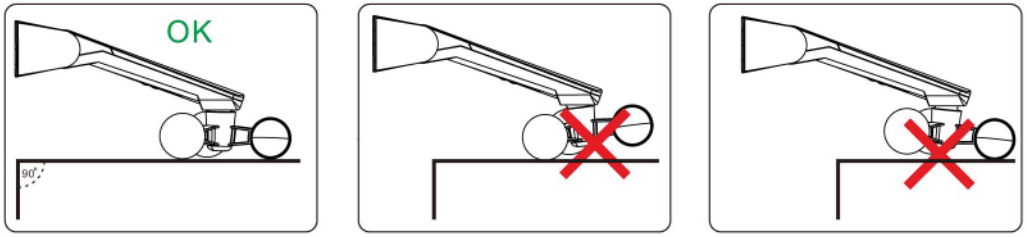
2. Structure

RS-002

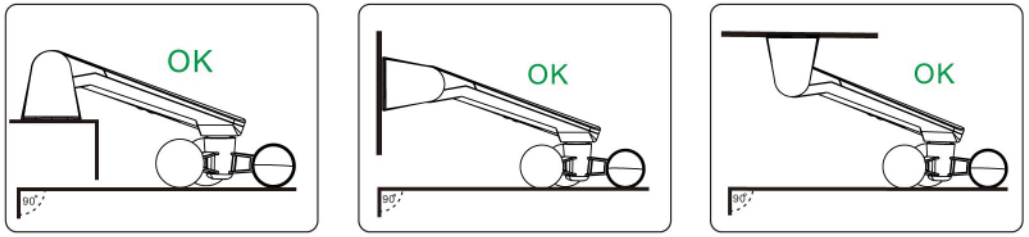
Wire connections
5v DC 1.0 amp
Red = Positive



3.Mounting



02.Installation chart



4. Installation position.

It's very important that the sensor be mounted so that the wind cups are as level as possible, as per the diagrams above. Failure to do so may create friction that makes it harder for the cups to spin, thus affecting the performance and reliability of the device. Also ensure that the device is mounted in an area that receives the same wind conditions as the awning if using wind sensing, and also full sunlight during the day if using the sun sensing for control purposes. Make sure to test for connection between the device and the motor once set up.

5. Assigning Sun / Wind sensor to a motor.

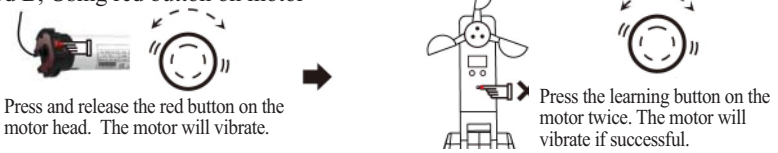
Method A, using remote control

Press up and down together then release

Press the stop button 8 times. The motor will vibrate after the 8th press

Press the learning button on the motor twice. The motor will vibrate if successful.

Method B, Using red button on motor

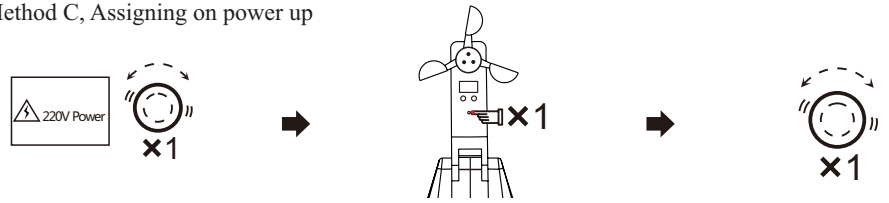


Press and release the red button on the motor head. The motor will vibrate.

Press the learning button on the motor twice. The motor will vibrate if successful.

Assigning Sun / Wind sensor to a motor. (Continued)

Method C, Assigning on power up

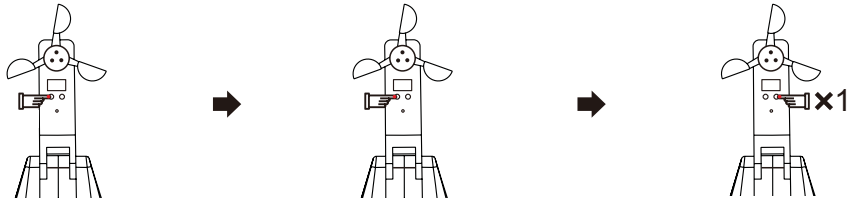


Plug the motor into power and the motor will vibrate.

Press the learning button on the motor twice.

The motor will vibrate if successful.

6. Setting the Wind threshold



Hold down the left button until the left LCD digit starts to flash. Then release

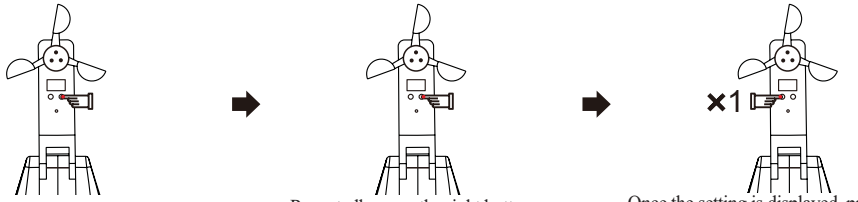
Repeatedly press the left button to select a setting between 0 - 5

Once the setting is displayed, press the right button to lock in. LCD will stop flashing.

Chart 1-1 Wind Threshold Corresponding to Actual Wind Speed

Wind Threshold	Wind speed
0	Close wind speed test
1	10km/h
2	15km/h
3	20km/h
4	30km/h
5	>40km/h

7. Setting the Light threshold



Hold down the right button until the right LCD digit starts to flash. Then release

Repeatedly press the right button to select a setting between 0 - 9

Once the setting is displayed, press the left button to lock in. LCD will stop flashing.

Chart 1-1 Light Threshold Corresponding to Actual Light Intensity

Light Threshold	Actual Light Intensity	Light Threshold	Actual Light Intensity
0	Close light intensity test	5	40000Lux
1	2000Lux	6	60000Lux
2	5000Lux	7	70000Lux
3	10000Lux	8	80000Lux
4	20000Lux	9	90000Lux