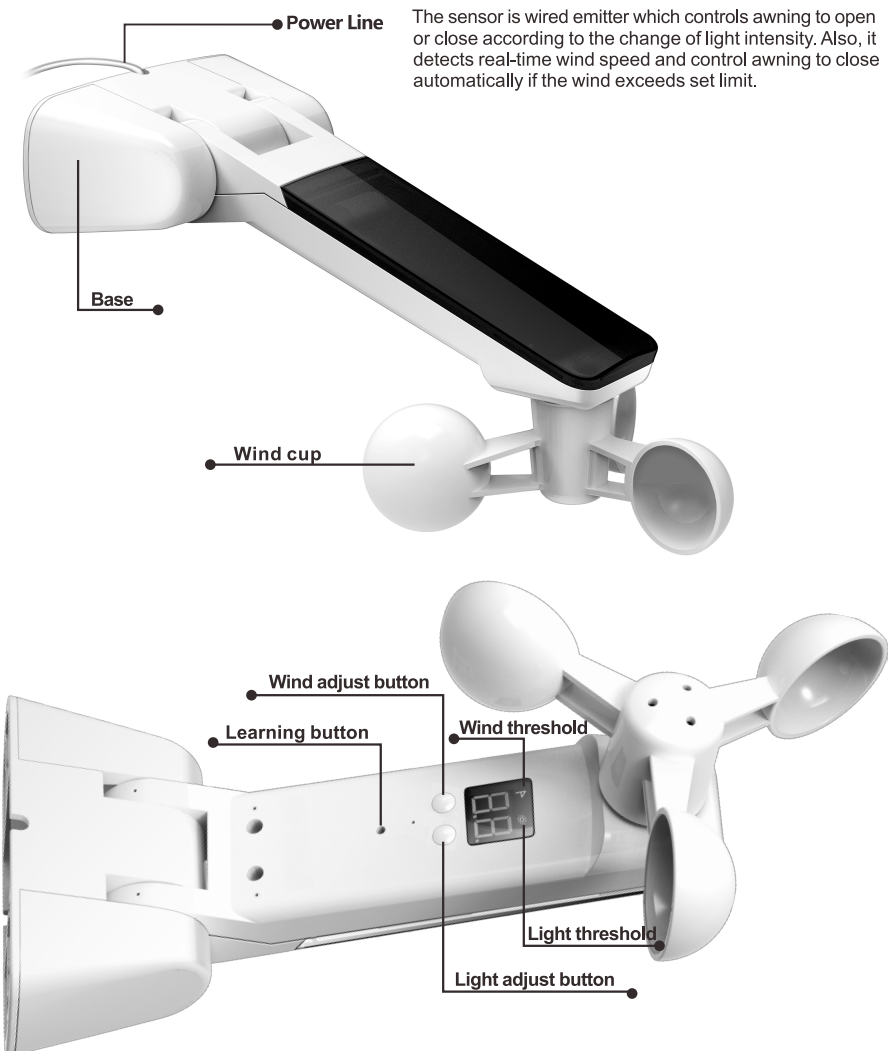


# Wired Wind-Light Sensor Instruction

## 1. Technical Data

- DC Power: 5V 1A
- Protection Index: Ip44
- Temperature: -20°C to +60°C ( Non-LCD emitter)
- Working Current: ≤12mA
- Code: Rolling Codes
- Frequency: 433.92MHz

## 2. Structure

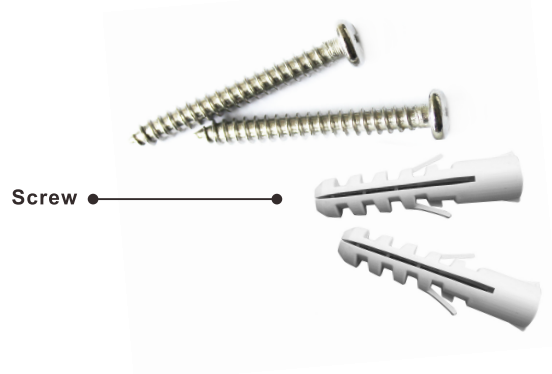


### 3. Wire connection



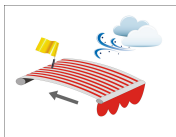
Note: The adapter is optional which is only sold upon request. Please be advised to use the suitable adapter as per your power standard.

### 4. Accessories



## 11.Function

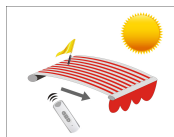
### 1. The strong wind protection function



If the wind speed exceeds the set grade for 6 seconds continuously, an Up order is given to the motor and the awning will close automatically.

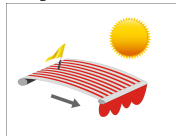


As long as real wind speed is higher than the set grade, you can't open the awning by any means (manual control, emitter control and light sensor are invalid).

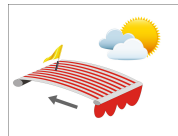


If the wind speed falls below the set grade for 30 seconds continuously, the sensor sends signals to the motor and activates the control by emitter and light sensor.

### 2. The light sensor function

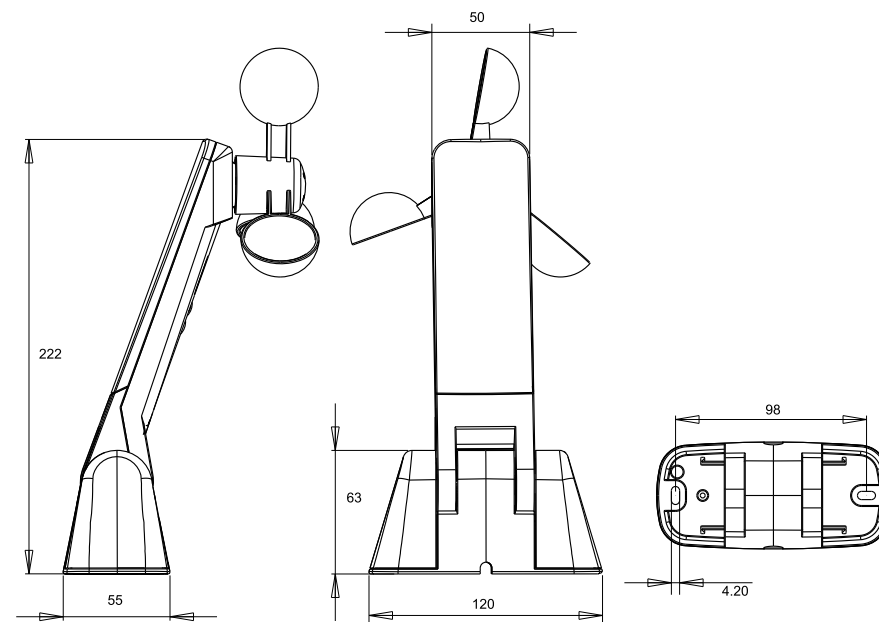


If the light intensity exceeds the set grade for 10 minutes continuously, a Down order is given to the motor and the awning opens automatically.



If the light intensity below the set grade for 10 minutes continuously, an Up order is given to the motor and the awning closes automatically.

## 5.Size

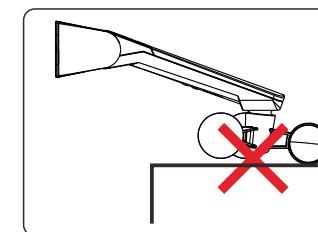
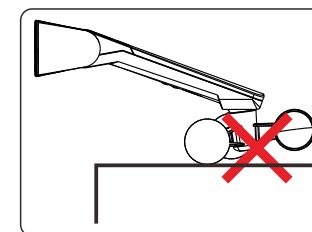
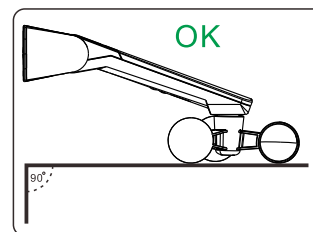


## 6.Installation

Note: To make the system operate normally, please remember that the controller must be installed near the place where the awning can be protected, and the place can reflect the surrounding's light intensity and wind speed. Please ensure that there is no other same frequency (433.92MHz) device to work constantly, otherwise, the system will be interfered.

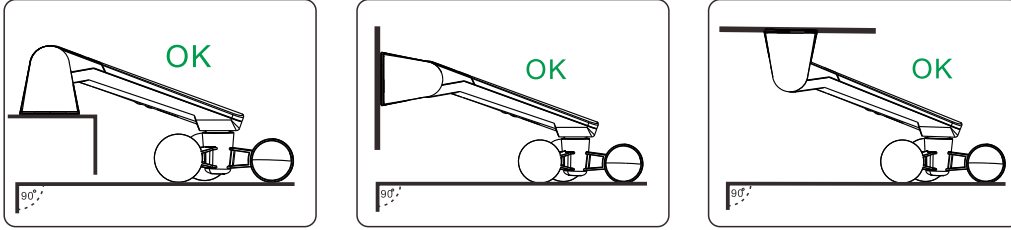
1. Please use the material offered by our company to install and fix the product in the suitable place.
2. Please make the product's mechanical position fit to the wind cup parallel the level surface, just as the installation drawing, otherwise, it will affect the testing of the wind speed.

### 01.Installation

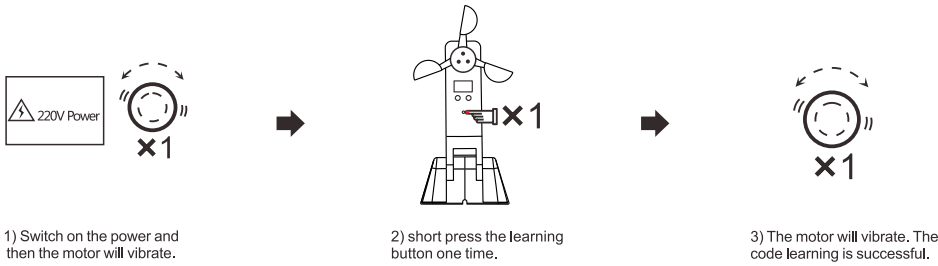


Wired Wind-Light Sensor Instruction

02.Installation chart



7.Code learning



8.Set Wind Threshold

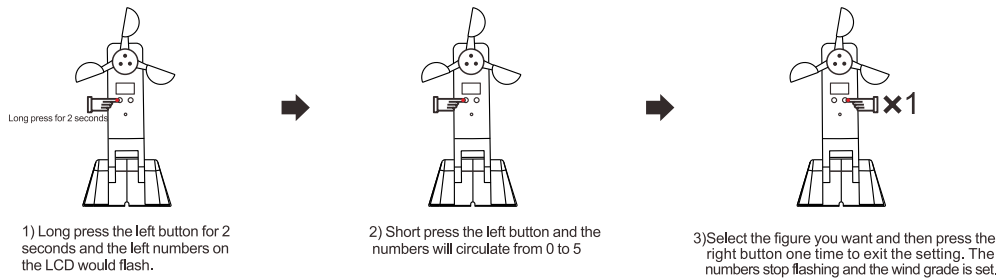


Chart 1-1 Wind Threshold Corresponding to Actual Wind Speed

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

9.Set Light Threshold

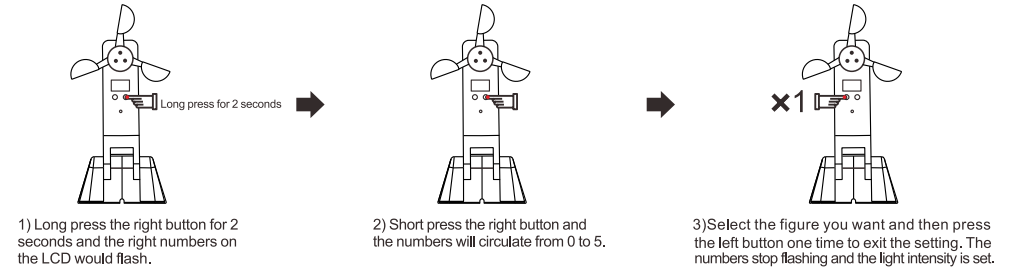


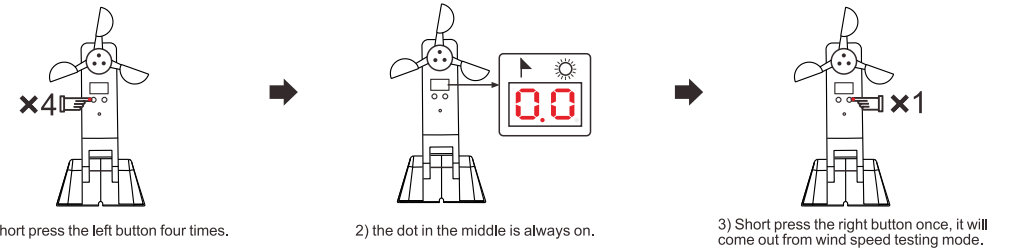
Chart 2-1 Light Threshold Corresponding to Actual Light Intensity

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
		9	90000Lux

10.Testing mode

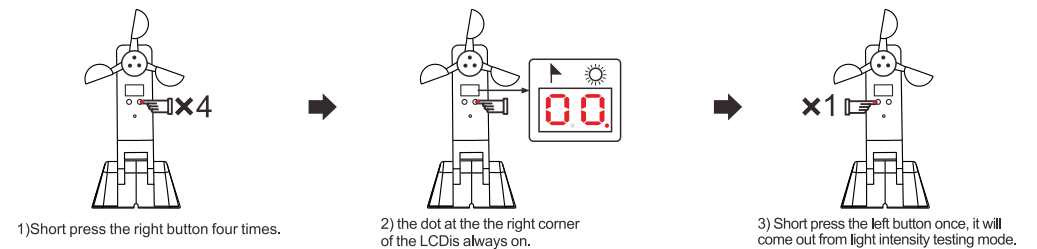
1. Wind speed testing mode

When the sensor is in wind speed real-time testing mode, the figures reflect current wind speed outside. For example, the figure "1.0" represents real wind speed is 10km/h outside.



2. Light intensity testing mode

When the sensor is in light real-time testing mode, the figures reflect current light intensity outside. For example, the figure "10." represents real light intensity is 10000Lux outside.



Note: In light intensity testing mode, the numerical value displays the light intensity from 1000 to 100000lx. It shows "00." below 1000lx, and "99" above 100000lx. For example, the figure "12." represents 12000lx. It will return to initial interface 3 minutes later if there is no further operation is done to the sensor.