## A Additional Function — Wind-sun sensor working principle

When breeze, the awning is on the open status

When gale, the awning begins to close up

Awning has been completely closed avoid damage by the gale

When the sun light is weak in the morning , the awning is on the closed state

When the sunlight is ample in the noon,the awning will automatically open to protect you from the sun

When sunlight diminishes in the evening, the awning will rotate and fold automatically

## A Additional Function — Wind-sun sensor grade adjusting reference

| Wind grade reference | |
|---|---|
| 0 / 1 grade | 15km/h |
| 2 grade | 30km/h |
| 3 grade | 45km/h |

The above grades equal to
**1**: When the grade is " 0 ", " 1 ", the wind reaches over 15Km / h, the awning will fold, LED flashing
**2**: When the grade is " 2 ", the wind reaches over 30Km / h, the awning will fold,LED flashing
**3**: When the grade is " 3 ", the wind reaches over 45Km / h, the awning will fold,LED flashing

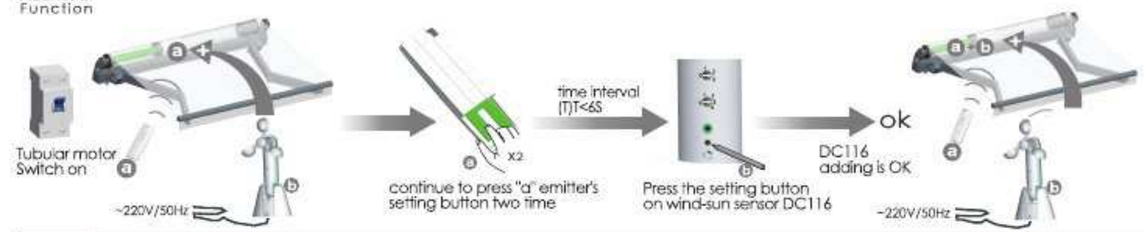
| Light grade reference | |
|---|---|
| 0 grade | CLOSE |
| 1 grade | 15kLUX |
| 2 grade | 30kLUX |
| 3 grade | 45kLUX |
| 4 grade | 60KLUX |

The above grades equal to
**1**: When the grade is " 0 " , the light will close
**2**: When the grade is " 1 " , the light reaches over 15 KLUX, the awning will open,LED flashing
**3**: When the grade is " 2 " , the light reaches over 30 KLUX, the awning will open,LED flashing
**4**: When the grade is " 3 " , the light reaches over 45 KLUX, the awning will open,LED flashing
**5**: When the grade is " 4 " , the light reaches over 60 KLUX, the awning will open,LED flashing

## A Additional Function — Matchable R/E/ED Tubular Motor Set up

The interval of different button must within 6 seconds for all setting, otherwise the system will restore the original state

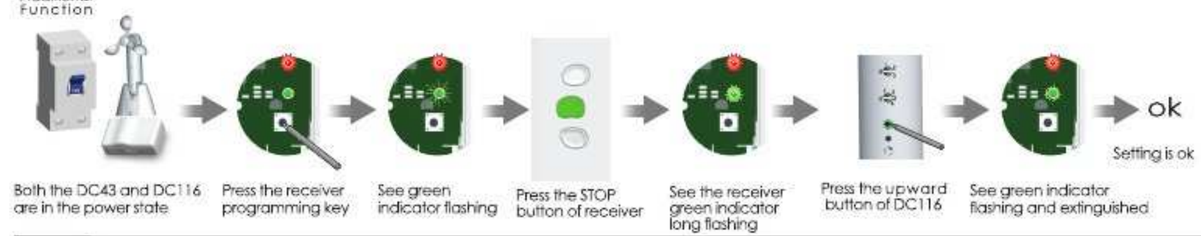
One receiver store 20 emitters channels at most, and one channel of emitter can control 20 receivers at most.




## A Additional Function — Matchable DC43 Set up

The interval of different button must within 10 seconds for all setting, otherwise the system will restore the original state

One receiver store 20 emitters channels at most, and one channel of emitter can control 20 receivers at most

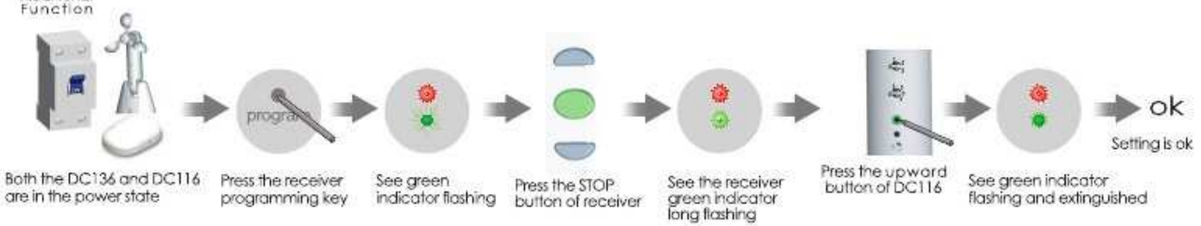



Both the DC43 and DC116 are in the power state | Press the receiver programming key | See green indicator flashing | Press the STOP button of receiver | See the receiver green indicator long flashing | Press the upward button of DC116 | See green indicator flashing and extinguished

## A Additional Function — Matchable DC136 Set up

The interval of different button must within 10 seconds for all setting, otherwise the system will restore the original state

One receiver store 20 emitters channels at most, and one channel of emitter can control 20 receivers at most.

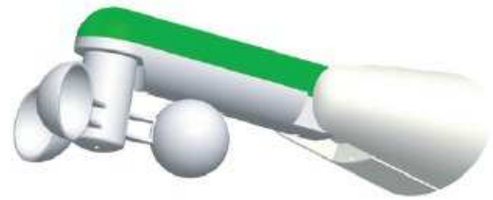



Both the DC136 and DC116 are in the power state | Press the receiver programming key | See green indicator flashing | Press the STOP button of receiver | See the receiver green indicator long flashing | Press the upward button of DC116 | See green indicator flashing and extinguished

CE FC
All controls support 433MHz & 868MHz

# Control System

# DC116 Wind-sun sensor
## Specification



Version No. : A/02

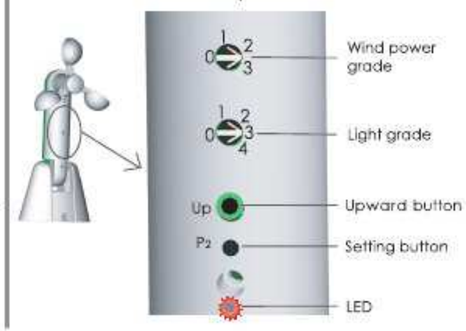
## T Technical Support — Wind-sun sensor specification

- Stable performance
- Wireless
- Frequency : 433.92MHz
- Range of validity : outdoor 200 meters
- 2 screws fixed
- AC power : input 230V~50Hz
- Safety code (50 million times without repeat,high security)
- Can set three different wind scales and four different sunlight ranks
- When the wind power is more than the setting value for 3 seconds, the sensor will automatically close awning. After closed , the sensor will not the wind in one minute .
- When the light level is more than the setting value for two minutes, the sensor will automatically unfolds awning. When the light level does not reach the setting value for 15 minutes, the sensor will automatically close awning.

**Note 1**: Make sure to confirm that sensor DC116 has been programmed with the supporting receiver before use.
**Note 2**: Make sure that the upward button on the transmitter will make the awning close before use.

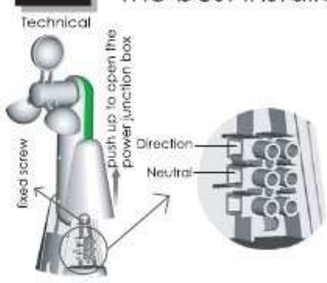
## T Technical Support — Matchable receiver

## DC116 Button specification

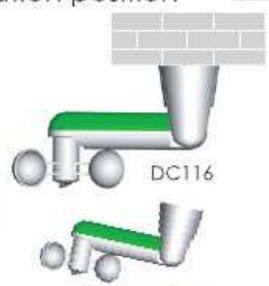



## T Technical — The best installation position

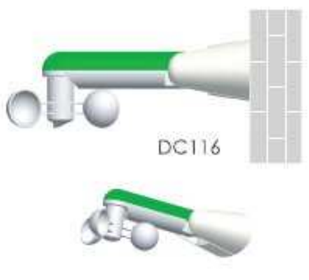
If wants to change the installationsite, it needs open the power junction box,looses the fixed screw After adjusting the installationsite,tighten the screws up.



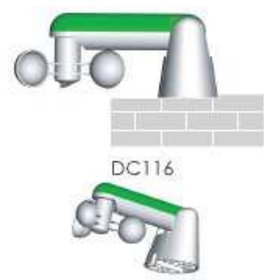

power connection




install location(1)




install location(2)




install location(3)