A
Additional Function

Wind-sun sensor working principle

DC116(J/S) → **DC136**
When breeze, the awning is on the open status

DC116(J/S) → **DC136**
When gale, the awning begins to close up

DC136
Awning has been completely closed avoid damage by the gale

6:00 --- 8:00 AM. **DC116(J/S)** → **DC136**
When the sun light is weak in the morning, the awning is on the closed state

8:00 --- 10:00 AM. **DC116(J/S)** → **DC136** → **DC43**
When the sunlight is ample in the noon, the awning will automatically open to protect you from the sun

4:00 --- 6:00 PM **DC116(J/S)** → **DC136**
When sunlight diminishes in the evening, the awning will rotate and fold automatically

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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
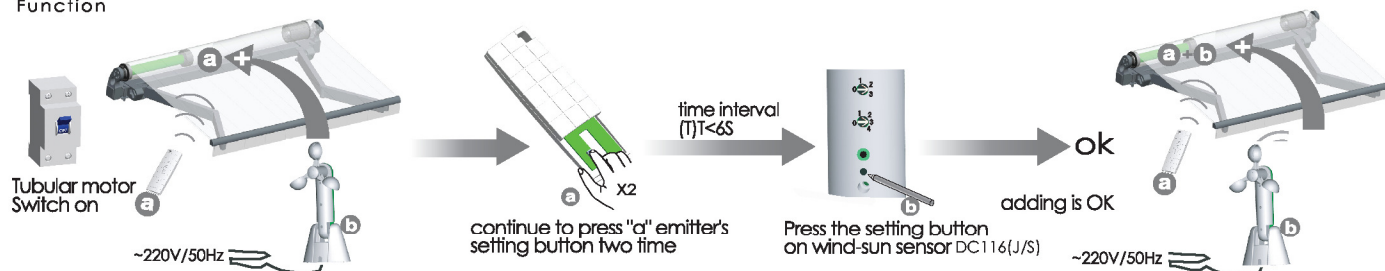

A
Additional Function

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.

Tubular motor Switch on
~220V/50Hz

continue to press "a" emitter's setting button two time
X2

time interval (T)T<6S

Press the setting button on wind-sun sensor DC116(J/S)

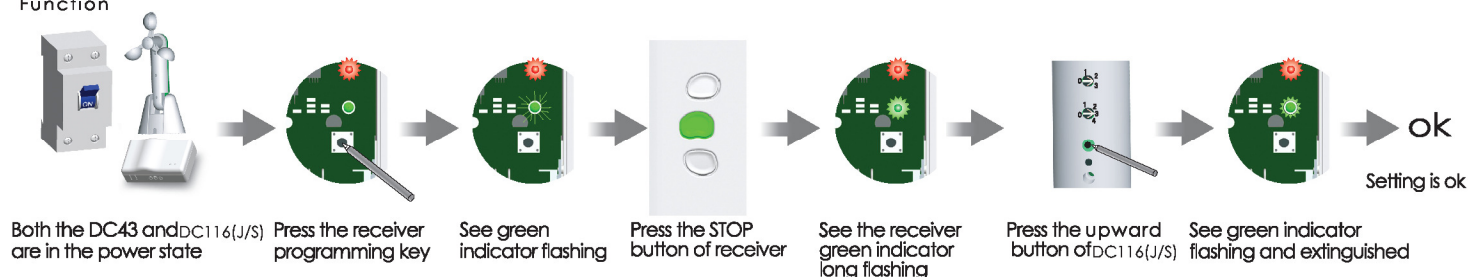**ok**
adding is OK

~220V/50Hz

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(J/S) 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(J/S)

See green indicator flashing and extinguished
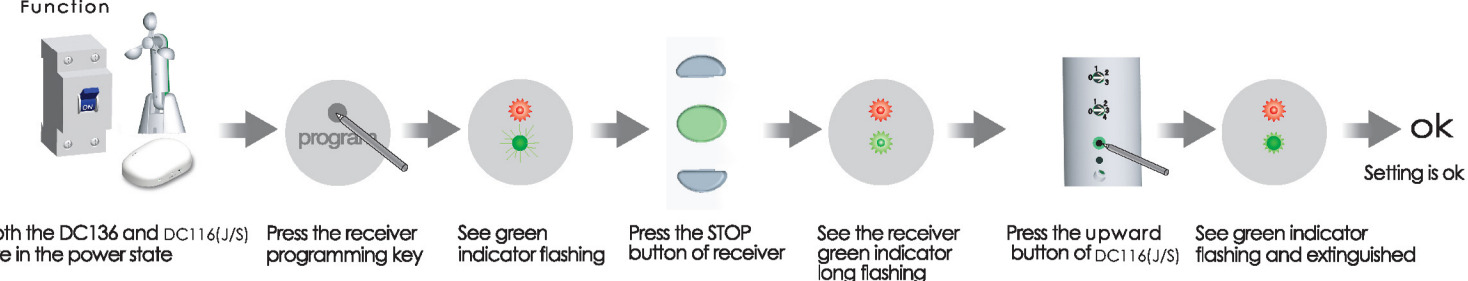
ok
Setting is ok

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.
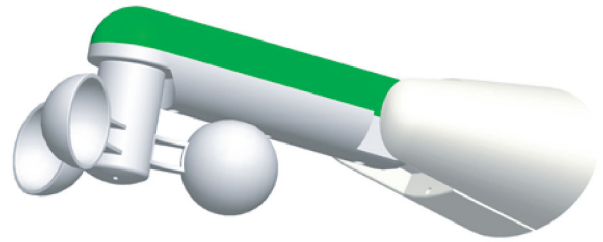
Both the DC136 and DC116(J/S) are in the power state

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(J/S)

See green indicator flashing and extinguished

ok
Setting is ok

433MHz 868MHz CE
All controls support 433MHz & 868MHz

Wind-sun sensor
Specification

Version No. : A/04

T
Technical Support

Wind-sun sensor specification

DC90

230V/50Hz
120V/60Hz

DC116(J/S)

Radio Tubular Motor

Electronic Tubular Motor

DC90

230V/50Hz
120V/60Hz

DC116(J/S)

Standard Tubular Motor

DC136 or outside receiver
(refer to "matchable receiver")

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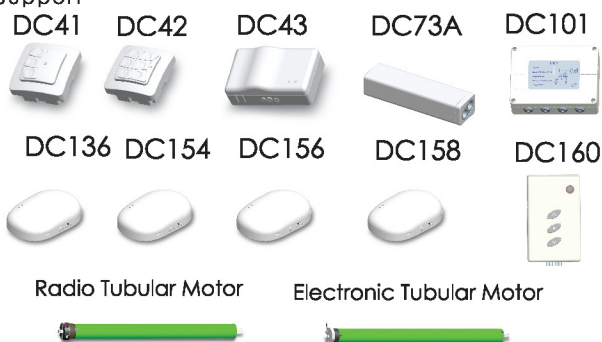
Note 1: Make sure to confirm that sensor has been programmed with the supporting receiver before use.
Note 2: Make sure that the upward button on the transmitter will make the awning close before use.
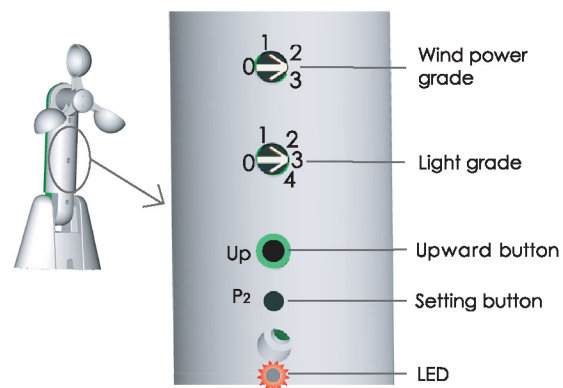
T
Technical Support

Matchable receiver

DC41   DC42   DC43   DC73A   DC101

DC136 DC154 DC156 DC158   DC160

Radio Tubular Motor   Electronic Tubular Motor

Button specification

⚠ DC116J adjust wind level to 0,only have Light sensing functionDC116(S) do not have this function

0 1 2 3 — Wind power grade

0 1 2 3 4 — Light grade

Up ● — Upward button

P2 ● — Setting button

☀ — LED

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.

fixed screw

push up to open the power junction box

Direction
Neutral

DC116(J/S)

power connection

install location(1)

DC116(J/S)

install location(2)

DC116(J/S)

install location(3)