Intelroll DD118B Wind Sun Sensor Instructions

Contents

Intelroll

Intelroll DD118B Wind Sun Sensor

Technical Specifications:

- Working voltage: DC 3.7V
- Working temperature: -10°C to +60°C
- Working current: 20mA
- Radio frequency: 433.92MHz
- Radio range: outdoor 100 meters, indoor 40 meters
- Safety code: 50 million times without repeat, high security

Product Usage Instructions

Pairing the Wind-Sun Sensor:
Before use, ensure that the wind-sun sensor is paired to the receiver.

Operation:
Press the UP button to retract the awning.

Checking Voltage:
Check the voltage daily. If it drops below 2.7V, a low voltage icon will be displayed.

Installation:
Fix the sensor to the wall using two screws. Ensure the wind intensity range is set between 0 to 180 Km/h and sunlight intensityrange is set between 0 to 100 Klux.

Automatic Function:
If wind intensity exceeds the set level, the sensor will automatically signal the motor to close the awning within 3seconds. Similarly, if sunlight intensity exceeds the set level
continuously for more than 2 minutes, the awning will open.

LCD Display:
The LCD screen will remain on for 30 seconds. Press any button (except reset) to turn on the screen for an additional 30 seconds.

Correct Installation:
Ensure that the fan blades are installed horizontally as shown in the manual.

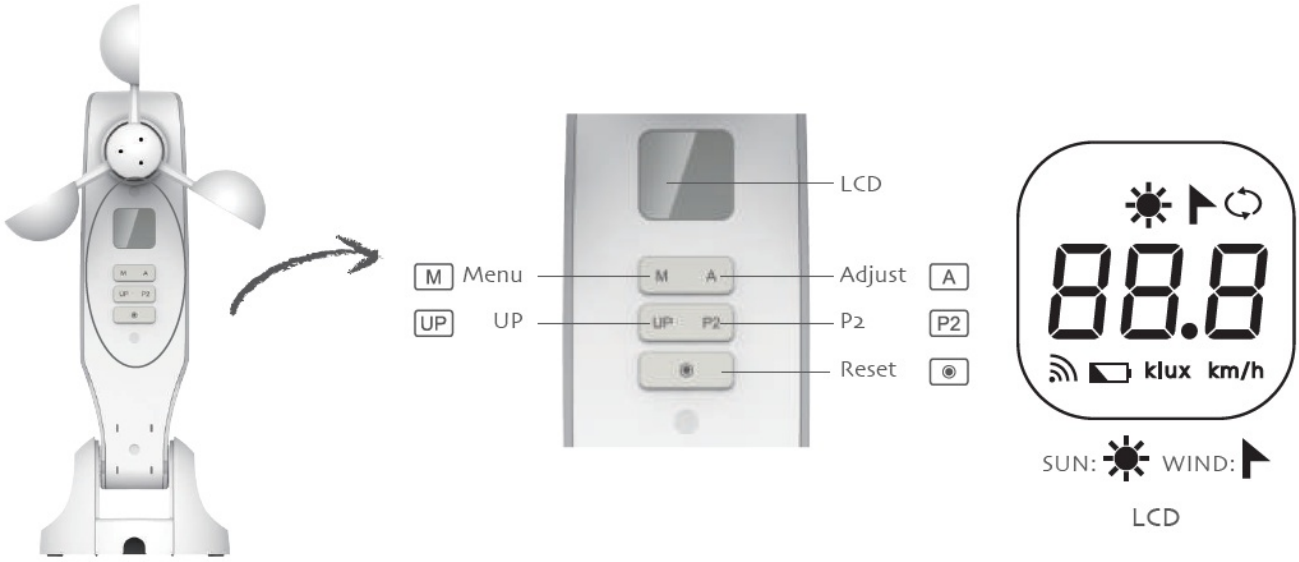
Frequently Asked Questions (FAQ):

- **Q: What should I do if the wind intensity exceeds the set level?**
  A: The sensor will automatically close the awning if the wind intensity exceeds the set level.
- **Q: How do I know if the voltage is low?**
  A: A low voltage icon will be displayed if the voltage drops below 2.7V.
- **Q: Can I manually control the awning?**
  A: Yes, you can press the UP button to retract the awning.

Product Features

Note:

1. Pls make sure that the wind-sun sensor have been paired to the receiver.
2. pls make sure when press UP button, the awning will be retracted.



Technical specification

Working voltage: DC 3.7V	Working temperature -10℃~+60℃	Working current: 20mA
Radio frequency: 433.92MHz	Radio range: outdoor 100 meters, indoor 40 meters	

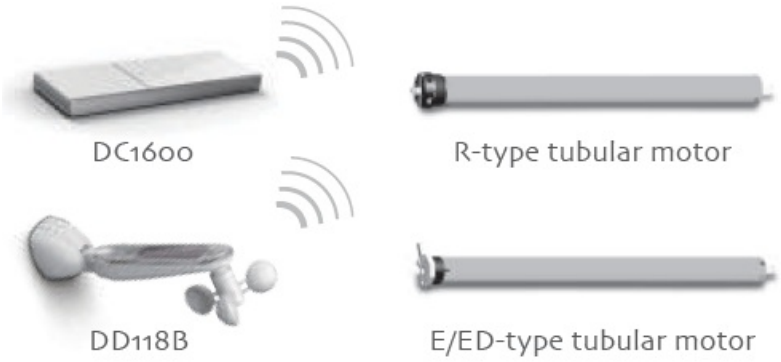
Safety code (50 million times without repeat, high security)

Warning

1. Stable performance, wireless remote control, solar powered, Type-C charging.
2. Check the voltage once a day. When the voltage is lower than 2.7V, a small battery icon is displayed to indicate low voltage.
3. The sensor can be fixed to the wall with two screws.
4. Adjustable wind intensity range: 0~180Km/h; sunlight intensity range: 0~100Klux.
5. Once the wind intensity exceeds the setting level, the sensor will send signals to the motor automatically to close the awning within 3S.
6. When the sunlight intensity exceeds the setting level continuously more than 2 minutes, the sensor will send signals to open the awning and will not detect the sunlight intensity within 15 minutes; when the sunlight intensity hasn't less than the setting level continuously more than 15 minutes, the sensor will send signals to close the awning.
7. The LCD display screen will be ON for 30S. The LCD screen will turn off after 30S without any press while the programming keeps running at the background; Press any button(except reset button) to turn on the LCD screen for 30S.

Match able Motors And Emitters

Uni-directional mode



Bi-directional mode

Matchable Receivers

DC136

R-type tubular motor

DD1538H

E/ED-type tubular motor

Wind-sun Sensor Working Principle

When the wind setting value is 20 km/h, the actual wind force is more than 20 km/h, the awning will close.

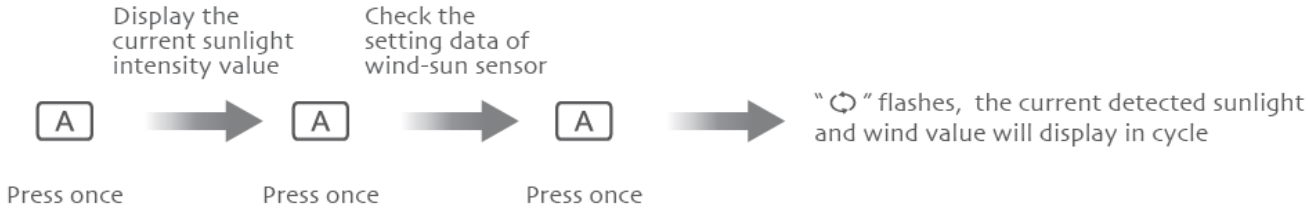
When the sunlight setting value is 20Klux, the actual sunlight is more than 20 Klux, the awning will open, if the actual sunlight is less than 20 Klux, the awning will close.

Correct Installation Method

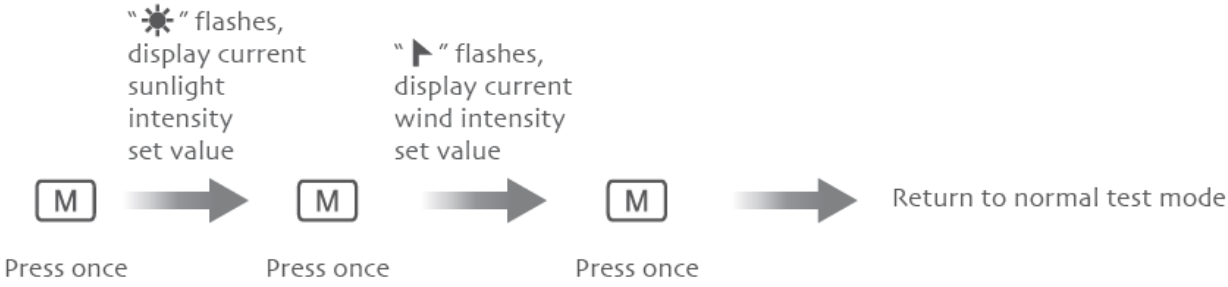
Note: Installation must keep the fun blades at the horizontal level (as below picture).

Installation position 1 Installation position 2 Installation position 3

View The Data Of Wind-sun Sensor



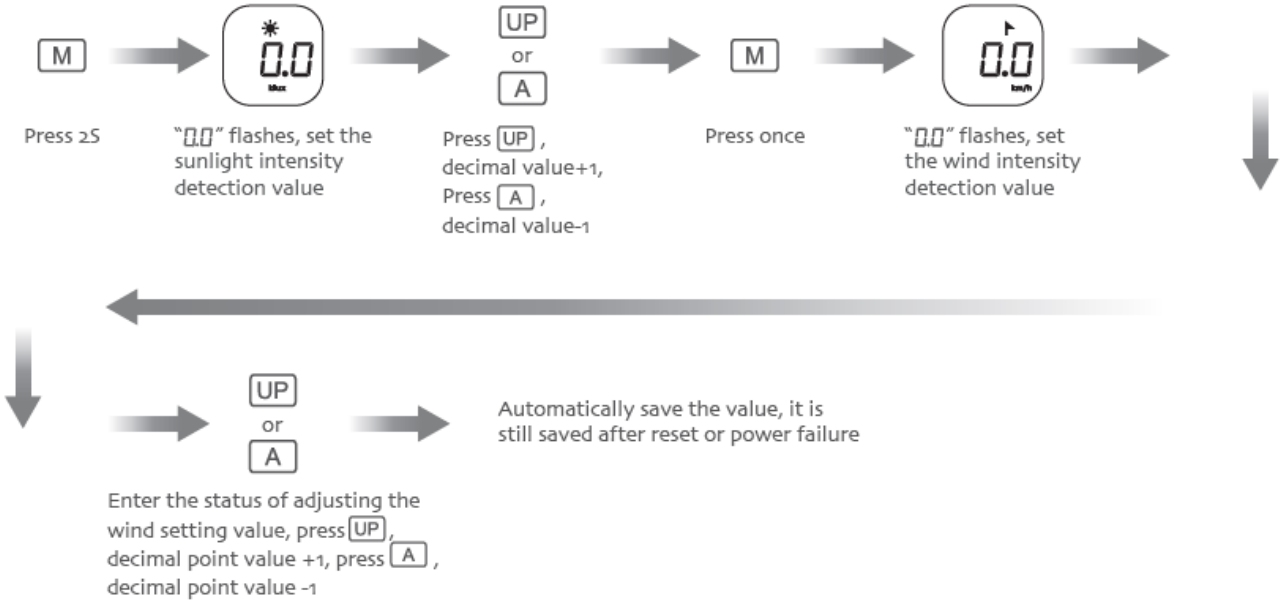
Checking The Setting Level Of Wind-sun Sensor



Setting The Wind And Sun Intensity Level

Note:

1. Long press **A** the decimal value will decrease faster, long press **UP** will increase faster.
2. Under the setting status, the corresponding setting value will flash, press **A** to change the setting value.
3. Under the setting status, if there is no any operation within 10S, the display will return to normal.



RF exposure statement

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Warning

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Documents / Resources

	Intelroll DD118B Wind Sun Sensor [pdf] Instructions DD118B Wind Sun Sensor, DD118B, Wind Sun Sensor, Sun Sensor, Sensor

References

- User Manual