Wind Sensor

Specifications
- Unique shape with patent;
- UV material plastic cover, suitable for outdoor installations;
- Wind sensor parts utilize double stainless bearing to ensure high sensitive;
- Laser printing on adjustment knob, clearly look and lasting adhesion;
- 3 Installation options
- Precise strength adjustment

Parameters
- Receiver working voltage: AC230v/50Hz (optional 120V/60Hz)
- Sensor frequency: 433.92MHz (optional 315MHz)
- Receiver load power: <800W
- Sensor working voltage: DC12V
- Sensor working temperature: -20°C~+80°C

Installation Notice

External Mini-Receiver
1. Insure the power is being supplied to the motorized unit.
2. Press the “stop” button and hold for approximately 5 seconds
3. The mini receiver will beep after approx. 5 sec. Release the stop button once the beep has sounded.
4. Press program button on sensor.
   (Small hole above 3 adjustments)
5. Once the sensor program button has been pressed the mini receiver will beep

Built In Mini-Receiver
1. Insure the power is being supplied to the motorized unit.
2. Press the “stop” button and hold for approximately 5 seconds
3. The motor will jog (move up & down) after approx. 5 sec. Release the stop button and operate within 3 sec.
4. Press program button on sensor.
   (Small hole above 3 adjustments)
5. Once the sensor program button has been pressed the motor will jog again to confirm program completion.
### Wind, Sun and Rain Sensor

#### Wind Speed

<table>
<thead>
<tr>
<th>Wind Speed</th>
<th>10Km/H</th>
<th>20km/H</th>
<th>30Km/H</th>
<th>40Km/H</th>
<th>50Km/H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Ford</td>
<td>2 class</td>
<td>4 class</td>
<td>5 class</td>
<td>6 class</td>
<td>7 class</td>
</tr>
</tbody>
</table>

1. Press UP or DOWN
2. Close Curtain
3. Counterclockwise direction increase desired speed value. Clockwise reduces speed value
4. LED on sensor starts flashing & sends out radio message
5. Curtin opened automatically
6. Wind speed > desired speed & last for 3’s

#### Rain Value

1. Press UP or DOWN
2. Close Curtain
3. Anticlockwise to increase and clockwise to reduce value
4. LED on sensor starts flashing & sends our message
5. Curtin opened automatically
6. Rain value > the MIN value after 1’s rain sensor action

#### Wind Speed Range

- **Wind Speed**
  - **10Km/H**
  - **20km/H**
  - **30Km/H**
  - **40Km/H**
  - **50Km/H**

#### Wind, Sun and Rain Sensor

- **Not action**
- **Action & open**
- **After 15 Min**
Wind, Sun and Rain Sensor

MaestroShield Wind, Sun and Rain Sensor system includes the sensor, acting as a transmitter, and operate with all MaestroShield’s mini-receiver and matched transmitter. When fitted to motors and control units designed for this purpose, users are able to open and close screens automatically based on the related atmospheric conditions. The sensors measure the wind speed, luminous intensity, and the rain fall. When the measured wind value exceeds the level set by the trimmer, or the measured light intensity of the sun set by the trimmer is exceeded, or the measured rain scale is exceeded the level set by the trimmer, the sensor sends this information to the motors and related control units.

FEATURES

- Works with tubular motors and radio control systems to make screens roll up depending on the weather
- ABS Plastic materials that resist ultraviolet rays
- Waterproof
- Different sensitivity settings
- 2 year 100% replacement Warranty coverage

MaestroShield® motors and electronics are innovation at its best. Designed in-house by Swedish and American engineers, these industry leading components are the perfect marriage of power, precision and integration. With multiple configurations available, the agility of our motors and electronics puts them in a class of their own. Designed and tested with quality in mind MaestroShield® motors and electronics will greatly enhance your shutter, door, screen and shading applications. These are only some of the reasons why MaestroShield® is superior to the competition in tubular motors and electronics.