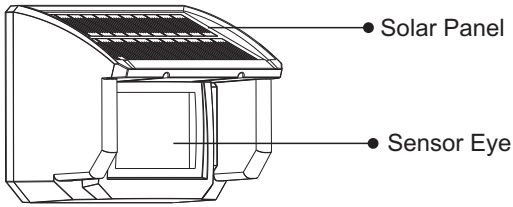
Solar Wireless Motion Sensor
User Manual

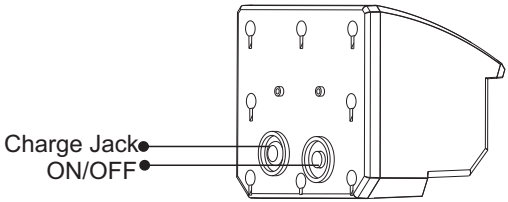
After-sale Service:
E-mail:contact@saferhomee.com)

1. System Components And Usage

Solar Wireless Motion Sensor



Sensor Eye: detect the objects
Solar Panel:charge the built-in battery of the sensor



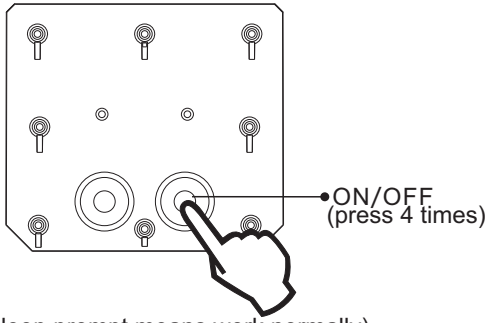
Charge Jack:used to connect the additional solar panel
or DC 5V power adapter
ON/OFF:turn on/off the sensor

2. Operation Instructions

(1)How to add sensors to the wireless alarm receiver
(up to 32 sensors can be added to the receiver)

Step 1

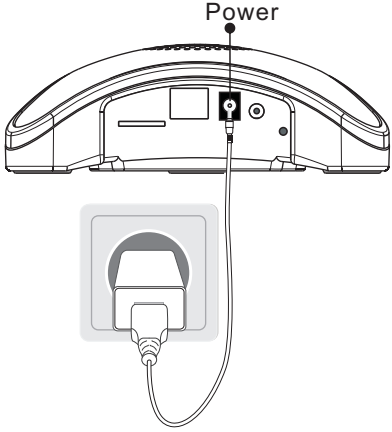
Turn on the Wireless Motion Sensor:
Press the ON/OFF button 4 times



(bleep prompt means work normally)

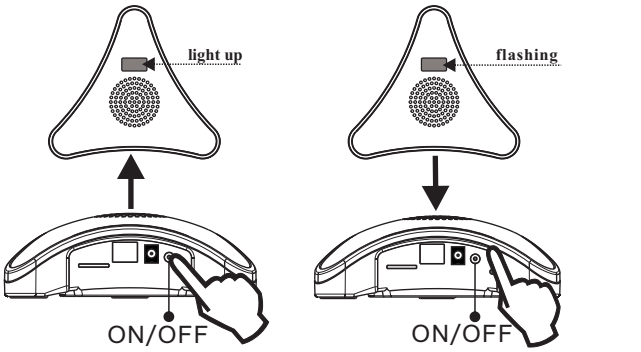
Step 2

Power on the wireless alarm receiver by the power adapter



Step 3

Press and hold the “ON/OFF” button of the receiver for 5 seconds and release the button when the indicator light flashing;



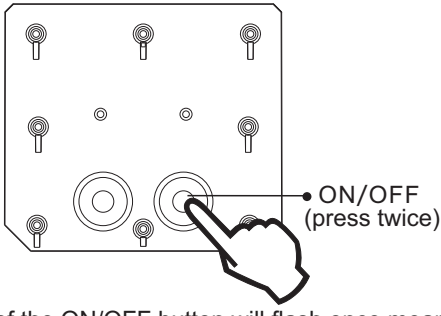
press and hold the ON/OFF button for 5 seconds

release the button

Step 4

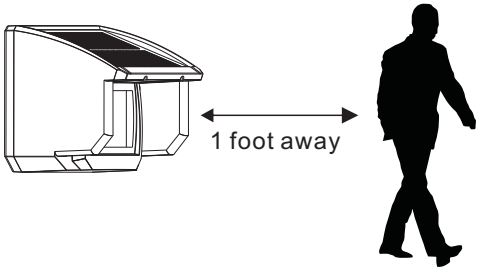
Activate The Wireless Motion Sensor
(wait about 30 seconds after you turned on the sensor)

1st method: press the ON/OFF button twice

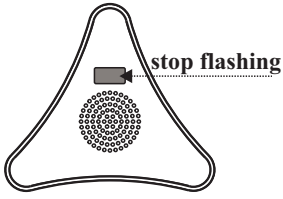


(the light of the ON/OFF button will flash once means the motion sensor was activated and sent the alarm signal)

2nd method: Ensure the sensor is turned away from you. and walk through in front of the sensor to acivate



(the light of the ON/OFF button will flash once means the motion sensor was activated and sent the alarm signal;and then the motion sensor will back to work mode automatically after about 10 seconds if not detecting any movements)



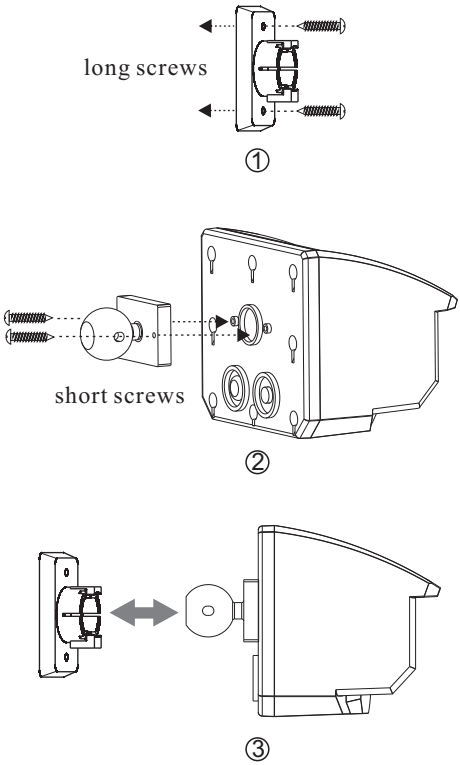
(a ring tone prompt and the indicator light stops flashing means the sensor has been added to the wireless alarm receiver successfully)

Step 5
Activate the sensor again to confirm the sensor has been added to the wireless alarm receiver already

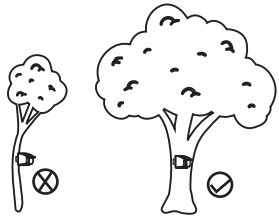
Step 6
Same steps for the other sensors

Step 7
Installations

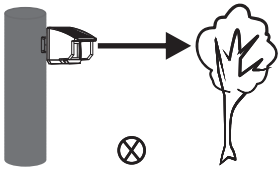
Wireless Motion Sensor



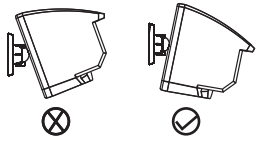
Installation Notes:



1. Please fix the motion sensor tightly to ensure the position and the direction will not be moved easily by wind.



2.Please point the sensor towards a open field(not towards the trees or bushes)



3.please adjust the sensor a little down(not upward)

(2)How to delete the sensors of the wireless alarm receiver

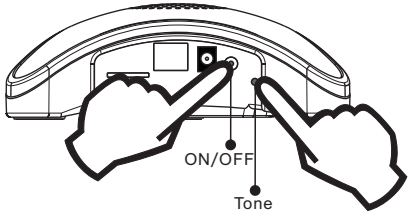
Step 1

Power on the wireless alarm receiver by the power adapter

Step 2

Press and hold both the "ON/OFF" button and "Tone " button for 10 seconds and release the buttons when you heard a long bleep;

Note: all the sensors will be deleted by this operation;



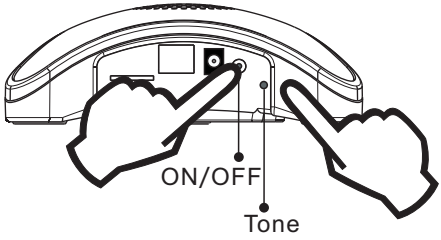
(3)How to adjust the alarm volume

Step 1

Power on the wireless alarm receiver by the power adapter

Step 2

Press and hold the“ON/OFF”button first,and then press the“Tone”button to adjust the alarm volume, total 4 volume levels



(4)How to change the ring tone for the sensors

Step 1

Power on the wireless alarm receiver by the power adapter

Step 2

Activate the sensor first,and then press the "Tone" button to choose the ring tone for this sensor;

Same steps for other sensors which have been added to the wireless alarm receiver already.

(5)How to adjust the sensitivity of the sensor

The sensor has 3 sensitivities adjustable (High, Middle, Low)

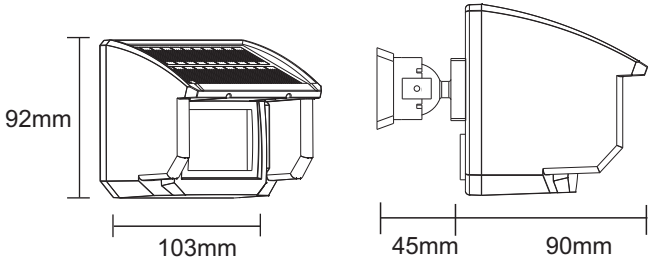
Step 1

turn off the sensor by press the ON/OFF button 3 times

Step 2
If select Low sensitivity---turn on the sensor by pressing the ON/OFF button 3 times
If select Middle sensitivity---turn on the sensor by pressing the ON/OFF button 4 times
If select High sensitivity---turn on the sensor by pressing the ON/OFF button 5 times

3. Technical Parameters

Wireless Motion Sensor



Technical parameters

Item	Technical Parameters
Detection Range	50 feet(15m)
Detection Angle	15˚
Wireless Transmission Range	1/4 Mile(400m)
Wireless Frequency	434.6MHz FSK+FHSS
Working Voltage	3.2V
Battery Type	Chargeable LiFePO4 Battery
Battery Capacity	500mAh
Working Current	Static: 1mA; Alarming:60mA
Solar Panel Output Current	⩾100mA in Sunny days
Working Temperature Range	−30℃ to 70℃

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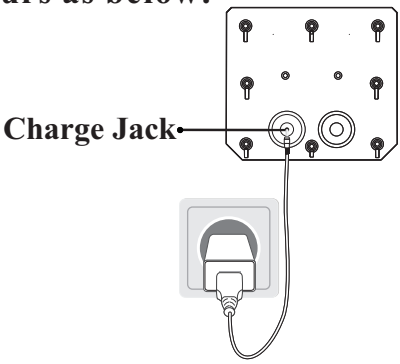
ATTENTION PLEASE

The KIT inclues a charge cable which is used to charge the solar wireless motion sensor before use or if long-term continuously rainy days caused low battery. Please charge the sensor for 4 hours as below:



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FCC Warning Statement Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

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.