SolarGoesGreen SGG-PIR-54 Owner's Manual

READ AND FOLLOW ALL INSTRUCTIONS FOR FIRST USE

SAVE IT FOR FUTURE REFERENCE.

1. PARTS CONTAINED

Solar Panel - Battery Box	1 pc
Flood Lght with Sensor	1 set
Twin Wire Connected to Flood Light	1 pc
Wall Mount Bracket	1pc
Screws and drywall anchors	4 pc

2. INSTALLATION

The light can be installed in following steps:

2.1 Installation of solar panel box

a) Choose a place where sunlight is unobstructed and abundant during daytime;

The solar panel box **MUST** be installed in a well lit location where it can receive maximum sunlight during daytime hours. Any cover that shades the panel will affect its ability absorb sunlight and decrease the amount of power and duration of the flood light's operation. The solar panel box is all weather – it will not be affected by exposure to rain, snow or temperature. The selected location should not be near a night time light source such as porch lights, street lights, etc, as these lights might prevent the solar PIR light from automatically turning on. The solar panel can be positioned on a flat surface with the supplied wall mount unit.

b) Installation of wall mounting bracket

Fix the wall mounting bracket to an appropriate surface by using provided screws and drywall anchors (**Fig.1**).

c) Put the solar panel box onto the wall mount bracket. For optimum performance the solar panel box can be adjusted by using the joint (**Fig.2**). Make sure that the solar panel is directed towards the sun for maximum charging.

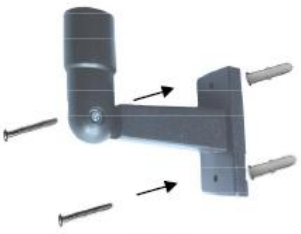

Fig.1

Fig.2

2.2 Installation of flood light

a) Install the LED light where illumination is needed at night.

b) Mount the flood light by using the provided screws and drywall anchors (**Fig.3**).

c) Adjust the angle of sensor by using the joint.

d) Readjust the angle of flood light as needed.

2.3 Insert the wire's plug into the jack located on the bottom of the solar panel box.

2.4 After installation is finished, turn ON the switch positioned on the

bottom of the solar panel box. Then the light installation is finished and it will operate automatically.

Fig.3

3.OPERATION

There are three knobs used to adjust sensitivity, lighting time and darkness level when the light will come on (**Fig.4**).

a) Sensitivity

The preset distance the light can be activated by personal motion is about 5 meters. Turning the knob clockwise will slightly increase the activation distance.

b) Lighting time

Adjustable lighting time is 1~4 minutes. It can be increased by turning the knob clockwise to the 4 minute maximum.

c) Darkness

The ambient luminance when the light will be activated by motion is about 20~50 lux. It can be slightly changed by turning the darkness knob.

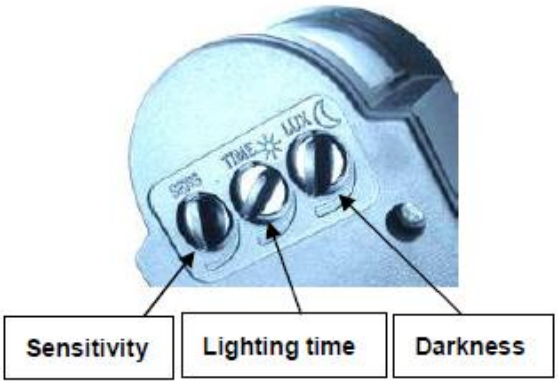

Fig.4

4. TROUBLESHOOTING INFORMATION

The performance of the solar powered PIR light depends upon the amount of sunlight available during daylight hours. If it does not operate properly you can check it and find out the cause as listed below.

a）Make sure the solar panel box is located in an area where the solar panel gets the maximum amount of sunlight every day.

b）If the weather has been rainy or overcast for a long period of time, the battery will not be charged for operation at night. This is normal.

c）A dirty solar panel will not allow the battery to fully charge. This will cause the light to malfunction. Clean it regularly with a dampened cloth or paper towel. Don't use strong detergents or acid based cleaners.

d）If everything mentioned above is OK, the battery needs replacement.

5. BATTERY CHANGING

If your light begins to illuminate dimly or for shorter duration of time, you should replace the rechargeable battery in the following way:

a）Unscrew the screws and remove the bottom of the battery box.

b）Unscrew 4 screws and remove two U-shaped plates which hold the battery..

c）Pull out the two terminals from the battery and take out the old battery.

d）Replace with a new battery and remount in reverse the steps above.

Warning: 1) Do it carefully to prevent wires from being damaged.

2) Be sure that the battery polarities are correct. Wrong polarity is dangerous.

3) Do not dispose of the old battery. It should be recycled.