

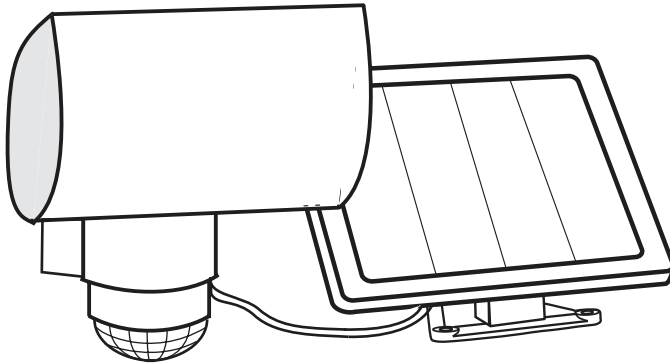


SOLAR *motion-activated* **SECURITY LIGHT**

Model #: 40227

ASSEMBLY & OPERATING INSTRUCTIONS

Solar Motion-Activated Security Light - 80 LED Lights



IMPORTANT: READ ALL INSTRUCTIONS CAREFULLY BEFORE USE

ABOUT YOUR SOLAR FLOOD LIGHT

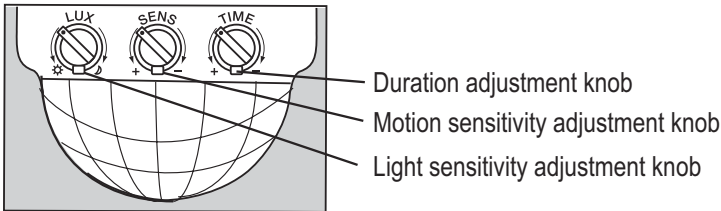
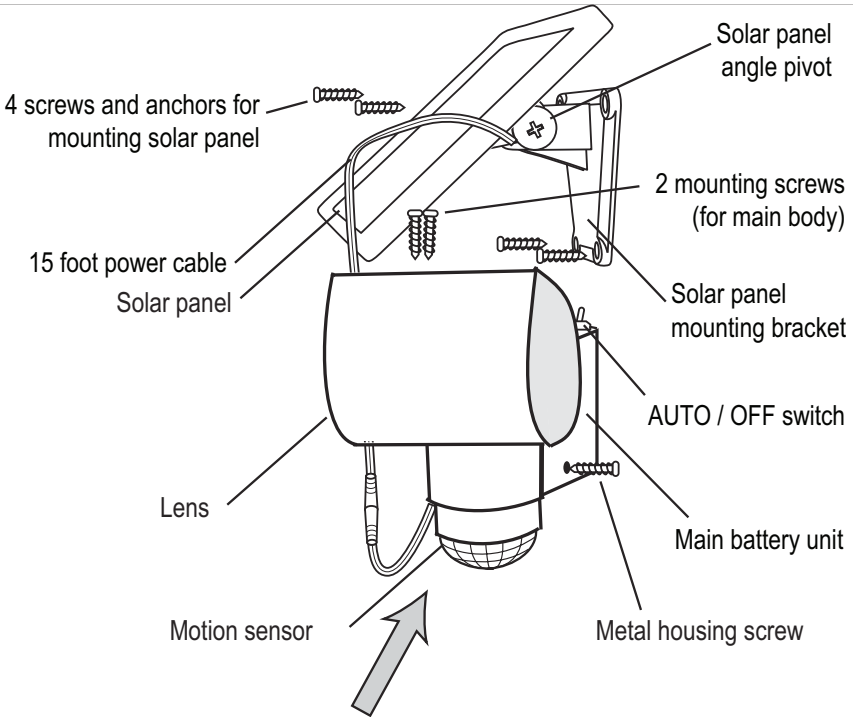
Your MAXSA Solar Security Light converts sunlight into electricity during the day, enabling the 80 LED lights to turn on automatically at night when motion is detected. With this light, walking into the dark will no longer be a problem. You can also save the environment by conserving energy with these energy-efficient solar powered LED lights.

With the battery fully charged, your Solar Security Light can operate for up to a total of one and a half hours while detecting motion. With the adjustable TIME dials set to the maximum (+) position, you can make the light last up to 60 seconds from the last detected motion.

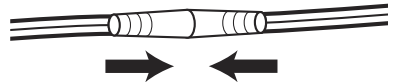
The 3 sealed rechargeable NiMH 2100 mAh batteries included with this product will last for approximately 3 years before they need to be replaced.

Carefully remove and identify all the parts from their protective packaging and lay them out in front of you.

INCLUDED PARTS:



Once you have identified all parts, connect the solar panel to your Solar Flood Light by plugging the 15 foot cord into the cord attached to the bottom of the Solar Flood Light. Turn and twist the cords while pressing firmly together until they are attached tightly.



Adjustment dials are located behind the motion sensor. The dials may be rotated to the front for ease of adjustment. After adjustments are completed, the adjustment dials should be rotated back to face the wall and have the arrow on the bottom facing the front.

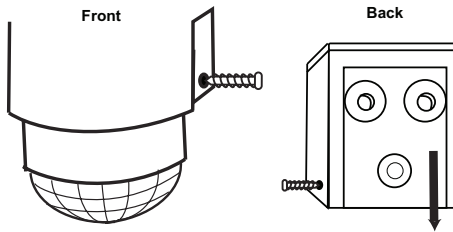
CHOOSING A LOCATION FOR YOUR SOLAR SECURITY LIGHT

Solar Security Light is ideal for areas where safety and security around your home is needed, including entrance doors, driveways, carports, garages, decks, and porches. It is also perfect for use in RV's and other remote areas where electricity is not available.

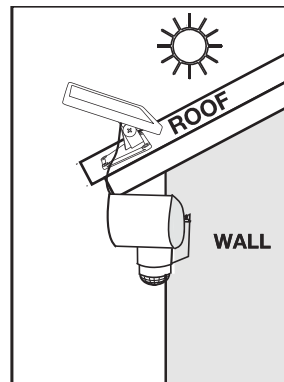
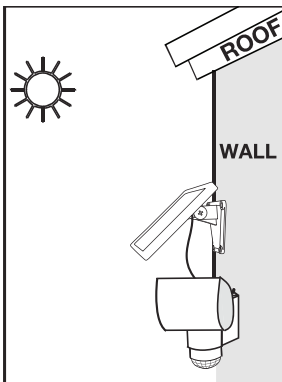
This Solar Security Light is ideal for areas where electricity is not available — including driveways, carports, garages and entrance doors – for safety and security around your home.

When deciding where to mount the light, keep in mind that the motion sensor has a field of vision of 130° (horizontal) at a distance of 40 feet when the surrounding temperature is 75F. The outside temperature will impact the detection distance.

HOW TO INSTALL



Installing the Light: Your solar motion light works best when installed vertically. To install the Light onto a solid surface, remove the screw on the side of your Light and slide the metal mounting bracket out of your light. Screw the metal mounting bracket onto a surface using the 2 supplied screws (and the wall hangers if needed). After the bracket is secured, slide the main body of your Light back onto the metal mounting bracket and tighten the screw that holds the mounting bracket to the light.

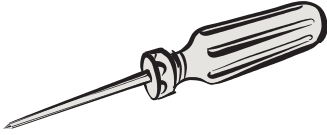


Installing the Panel: Use the four wood/sheet metal screws supplied (and the wall hangers if needed) to mount the solar panel onto a solid surface. You can adjust

the angle of the solar cell by gently rotating the solar cell to a different locking position. Remember to set the panel to face direct sunlight exposure, optimally facing south.

TOOLS REQUIRED FOR INSTALL

Install simply with just a Phillips head screwdriver!



BEFORE FIRST USE OF YOUR SOLAR SECURITY LIGHT

1. Charge the batteries with the power switch on the main body of your Solar Flood Light in the OFF position.
2. Leave the switch in this position for 3 days with the solar panel placed in direct light. This will ensure that the batteries in your Solar Flood Light have a full charge prior to normal operation.

OPERATING YOUR SOLAR SECURITY LIGHT

After the initial 3 day charge of your Solar Security Light, move the switch on the main body to the AUTO position. Your Solar Security Light is now ready for use.

The metal part right above the motion sensor can be rotated clockwise and counterclockwise to show or hide the 3 adjustment dials (TIME / SENS / LUX).

All 3 of these adjustment dials have been preset as follows:

TIME - Set at 30 seconds

SENS - Set at a 10 - 15 foot range (when the surrounding temperature is 75 F).

LUX - Set for your Security Light to activate at dusk when motion is detected.

If the above settings are not suitable for your application, then these may be adjusted using the steps below.

When ready to use, turn the adjustment dials to face the wall and have the arrow on the bottom facing the front.

TIME PERIOD ADJUSTMENT (TIME)

The time period control sets the duration that the Solar Security Light will remain illuminated after the last detected motion. The time period is adjustable between 10 seconds to 1 min. The shortest time period is with the TIME control set fully

counter-clockwise (-). Increase or decrease the time period by adjusting the TIME dial and re-trigger the sensor unit. Continue with this process until the desired time period is obtained. Note: It is best to keep it on the shortest time period that works so that you conserve battery life.

MOTION SENSOR ADJUSTMENT (SENS)

The sensitivity of the motion sensor on this Solar Security Light will be affected by temperature. The cooler the temperature, the more sensitive the motion sensor will become. Use the SENS dial to adjust the sensitivity of the motion sensor to compensate for environmental temperature changes. The motion sensor is most sensitive when the SENS dial is turned fully clockwise (+).

LIGHT LEVEL ADJUSTMENT (LUX)

The LUX dial controls the natural light level that triggers the Solar Security Light. Your Solar Security Light comes preset and will be activated when motion is detected at dusk. To have it be lighter or darker out when the Solar Security Light is triggered, adjust the light level control as needed.

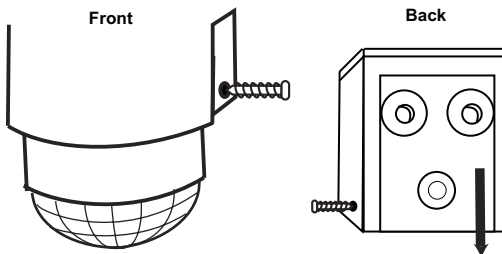
HOW TO TEST THE COVERAGE

Point the motion sensor in the direction that you want to detect motion and set the TIME dial to the minimum (-) position and the LUX dial to "light" (☼) position.

Test the coverage of the area by walking slowly around the area of detection and adjust sensitivity if needed. If the Solar Security Light does not come on, you may need to adjust the angle of the sensor unit. Readjust the TIME and LUX dials when finished.

REPLACING THE BATTERIES

When the charging ability of the batteries decreases, you can replace the batteries with three new NiMH 2100 mAh batteries. Follow the steps below.



1. Move the power switch on the main body to the OFF position.

2. Remove the screw on the left side of the unit that holds the mounting bracket.
3. Remove the main unit from its mounted surface.
4. Once the unit is open, slide down the battery cover.
5. Carefully remove the batteries from their compartment and replace with three new rechargeable NiMH 2100 mAh batteries.
6. Close the plastic cover and reassemble the metal cover and the main body together with the screw removed in step 2, ensuring that the two parts are put together securely.
7. Repeat the steps in “Before first time use of your Solar Security Light” section on page 3 to ensure your new battery is fully charged.

NOTE: Do not dispose of batteries in general household trash or into a fire since the batteries may explode. Consult your local regulations for correct disposal of batteries. The batteries may also be returned to MAXSA Innovations at 8412 Cathedral Forest Dr., Fairfax Station, VA 22039. Do not take apart the batteries since they contain corrosive chemicals.

MAINTENANCE TIPS

The LED lights in your Solar Security Light will last up to 30,000 hours and should never need replacement.

To keep your Solar Security Light looking new, keep the lens free of dust and deposits by wiping occasionally with a dry cloth or with warm soapy water.

It is important that the solar panel is kept free of dirt and debris at all times. A dirty solar panel will not allow the batteries to be fully charged. This will shorten the life of the battery and may cause the light to malfunction.

STORAGE

If you wish to store your light indoors for more than two or three days, turn the power switch to the OFF position to prevent damage to the batteries. Battery capacity may be reduced during prolonged storage. For optimal performance, we recommend that you do not store your Solar Security Light for prolonged periods of time.

TROUBLESHOOTING

PROBLEM	POSSIBLE SOLUTIONS
<p>Light will not switch on when there is movement in the detection area.</p>	<ul style="list-style-type: none"> • Ensure that the power switch on the main body has been turned to the AUTO position. • Ensure that the motion sensor has been positioned to face oncoming movement. • Ensure that the battery has been fully charged in direct sunlight for 3 sunny days. Refer to the “Before First Use of Your Solar Security Light” section on page 4. • Check to see that the solar panel is facing south so that it receives direct sunlight for most of the day, enabling the battery to fully charge. • Check to see that the LUX control has not been set too far towards (☺). Setting the LUX control too far towards (☺) will cause the Solar Security Light to turn on only in complete darkness. • Check to see that the motion sensor is not near night time light sources such as street lights.
<p>Light switches on during the day.</p>	<ul style="list-style-type: none"> • The LUX control may be set too far towards the (☺) position. • Reposition the motion sensor.
<p>Light switches on for no apparent reason.</p>	<ul style="list-style-type: none"> • The SENS control may be set too far towards the (+) position. • Moving trees, traffic, pets or birds may be getting in the area of detection. This may be unavoidable, however the sensor could be redirected to a height where this is less likely to occur. • If there are reflective objects in the detection area such as windows, water, or white walls, you may need to redirect or possibly reposition the motion sensor. • Test the motion sensor by covering it completely with cardboard and waiting several minutes to make sure it does not detect motion. If the light still switches on, please contact MAXSA for further assistance.
<p>Light quickly flashes on and off.</p>	<ul style="list-style-type: none"> • Battery charge may be low. Turn the power switch to the OFF position and charge the battery for three (3) sunny days with the solar panel placed in direct sunlight. • Move the LUX control more to the (☺) position.
<p>Light is not as bright as normal.</p>	<ul style="list-style-type: none"> • Battery charge may be low. Turn the power switch to the OFF position and charge the battery for three (3) sunny days with the solar panel placed in direct sunlight.

90 DAY LIMITED WARRANTY

This Solar Motion-Activated Security Light is warranted against faulty material and /or workmanship for a period of 90 days from date of original purchase. The obligation of the manufacturer, under this warranty, is limited to servicing and replacing defective parts when the unit is returned to MAXSA Innovations, freight pre-paid during the warranty period. To obtain warranty repair, the purchase receipt should be returned with the product.

This warranty becomes void on any unit which has been tampered with, damaged by accident, or damaged otherwise by improper operation. This guarantee is in addition to any guarantees implied by State or Federal Legislation.

Please save these instructions for future reference.

MADE IN CHINA

The logo for MAXSA Innovations, featuring the word "MAXSA" in a bold, sans-serif font. The letter "A" is stylized with a thick, black triangular shape extending from its right side, forming a large, solid black triangle. A registered trademark symbol (®) is located to the right of the logo.

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