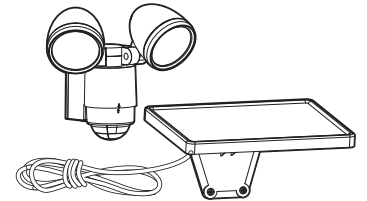


# *motion-activated* DUAL HEAD SOLAR SPOTLIGHT

*Solar-Powered, Motion-Activated Dual Head LED Security Light*



## ASSEMBLY AND INSTRUCTION GUIDE

Model #: 44416-44418

**IMPORTANT:** Read all instructions carefully before use.

### ABOUT YOUR SOLAR SECURITY LIGHT

The Motion-Activated Dual Head LED Security Light turns on automatically at night when motion is detected. This MAXSA Solar Security Light has an adjustable TIME dial that allows light duration of up to 1 minute. Because the light runs off of solar power using free energy from the sun, it never costs you electricity and can be mounted anywhere the solar panel can receive sunlight.

### INCLUDED PARTS

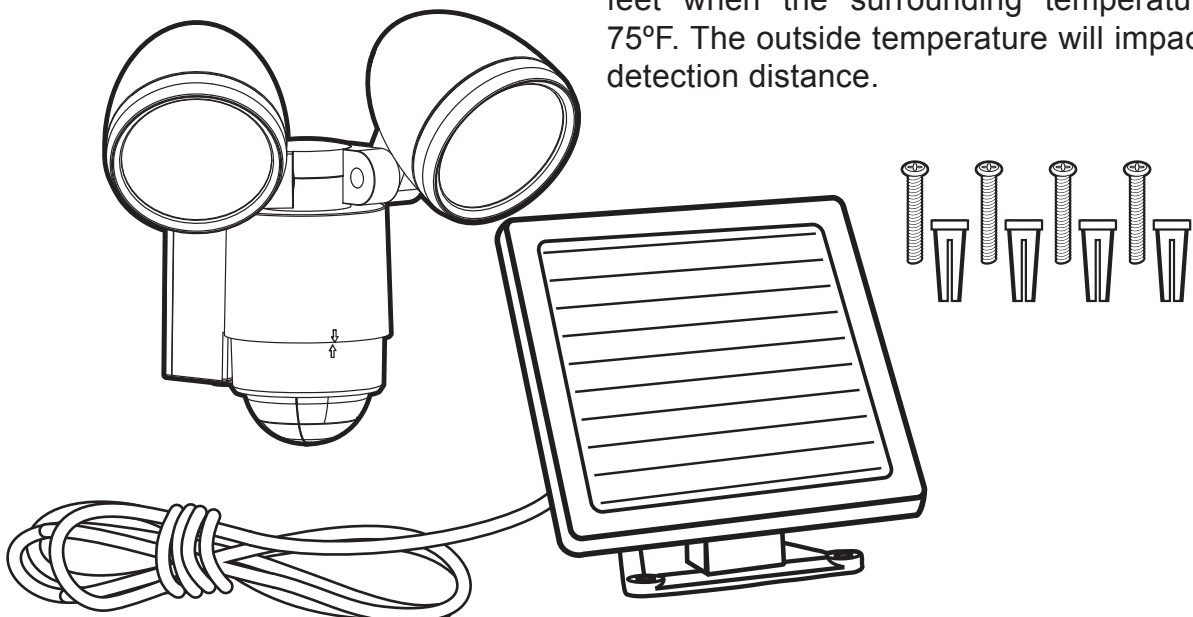
Carefully remove and identify all the parts from their protective packaging and lay them out in front of you.

### CHOOSING A LOCATION

This Solar Powered Motion-Activated Dual Head LED Security Light comes complete with a 15 foot cord so you can place your Motion-Activated Dual Head LED Security Light anywhere where sunlight is available. Ensure that the Motion-Activated Dual Head LED Security Light is not placed near night time light sources such as porch lighting or street lighting.

This Motion-Activated Dual Head LED Security Light is ideal for areas where electricity is not available, including carports, outside garages, porches, decks, and outside areas. The lights provide safety and security around your home, business or community building.

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 30 feet when the surrounding temperature is 75°F. The outside temperature will impact the detection distance.



## INSTALLING THE LIGHT

### HOW TO INSTALL

Your Motion-Activated Dual Head LED Security Light works best when installed with the round motion sensor at the bottom. To install the light onto a solid surface, remove the screws on the top and bottom of the back section and slide the plastic end piece off the light.

Mount the back piece using the 2 supplied screws (and the wall hangers if needed) utilizing the two mounting holes in the piece.

After the end piece is secured, slide the main body of your light back onto the end piece and replace the two screws holding it in place.

Be sure that a power source is within range of the 15 foot power cord as the light will not function if it does not receive power from the solar panel. (There are extension cords available if you need more than 15 feet to go from the solar panel to the light . See end of instructions).

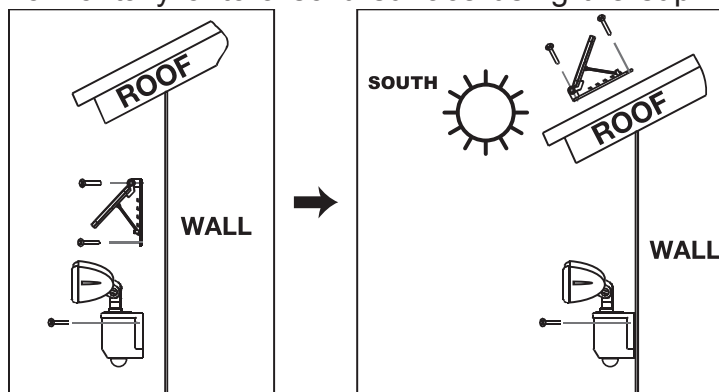
Choose a location that receives plenty of sun. Ideally 6-8 hours of sunlight per day is required to fully recharge your security light. The solar panel should be facing south to get the most sunlight.

Placing the solar panel in a shaded location will not allow the batteries to charge fully. This will

reduce the number of hours when the Solar Security Light will operate per evening.

In choosing a location for your Solar Security Light, ensure that the solar panel is not placed near nighttime light sources such as porch light or street lighting.

The solar panel can be mounted vertically or horizontally onto a solid surface using the sup-



plied wood/sheet metal screws and anchors. You can adjust the angle of the solar cell by moving the angle adjustment on the solar panel to different locking positions. Remember it is best to face the panel south for direct sunlight exposure.

## STORAGE

### COLD WEATHER

In temperatures below 20°F, the Solar Powered Motion-Activated Dual Head LED Security Light may not work as well. Normal performance will return when the temperature rises.

### SAFETY TIPS

Do not cut the power wire. Discontinue use if the wire becomes frayed or broken.

Do not immerse the Motion-Activated Dual Head LED Security Light in water or other liquid.

Position the cord from the solar panel to the light so that it is securely fastened and will not move around or cause someone to trip over the cord.

### MAINTENANCE TIPS

The LED lights in your Motion-Activated Dual Head LED Security Light will last up to 30,000 hours and should never need replacement.

The batteries will last approximately 3 years. The batteries can be accessed after removing themounting bracket. The battery we use are 3 pieces 1.2V Ni-MH 2200 mAh AA sized rechargeable batteries.

To keep your Motion-Activated Dual Head LED Security Light looking new, keep the lens free of dust and deposits by wiping occasionally with a dry cloth or with warm soapy water.

## BEFORE THE FIRST USE OF YOUR SOLAR SECURITYLIGHT

Ensure the power switch on the main body of your Security Light is in the OFF position

Leave the switch in this position for up to 3 days and make sure the solar panel is placed in direct sunlight.

## OPERATING YOUR SOLAR SECURITY LIGHT

After the Motion-Activated Dual Head LED Security Light has been mounted and plugged in, it is now ready for use. Turn switch on top to ON.

The motion sensor rotates and in the back of it are 2 adjustment dials: TIME and LUX. The light has been factory preset as follows:

TIME - Set at approximately 30 seconds.

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.

### TIME PERIOD ADJUSTMENT (TIME)

The time period adjustment control dial sets the duration that the Solar Security Light will remain illuminated after the last detected motion. The time period has an adjustable range of 10 seconds to 1 minute.

To decrease the time period, move the dial toward the ( - ) symbol.

To increase the time period, move the dial toward the ( + ) symbol.

Test the time period by triggering the motion sensor and measure the time period the light stays on. Adjust the TIME control until the desired illumination duration is reached.

***A shorter TIME setting will conserve battery life. For best results, use the shortest TIME setting for your location as possible.***

### LEVEL ADJUSTMENT (LUX)

The LUX dial controls the natural light level that triggers the Solar Security Light and prevents the light from operating during daylight hours.

Your Solar Security Light comes preset for activation at dusk.

To adjust for activation in a brighter setting, move the dial toward bright (☀).

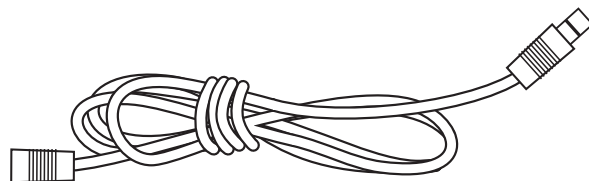
To adjust for activation in a darker setting, move the dial toward dark (☾). (Should look like a thin moon).

Once adjustments are made, move sensor back into position with the arrows lined up.

## DO YOU NEED TO EXTEND THE DISTANCE BETWEEN THE SOLAR PANEL AND LIGHT?

Extension cords for your solar panel are now available. Each cord comes in 15 foot lengths and has the appropriate plugs on either end. Cost is \$14.95 each, which includes shipping and handling.

Please contact MAXSA Innovations at 703-495-0661 or [orders@maxsainnovations.com](mailto:orders@maxsainnovations.com) to order.



## TROUBLESHOOTING

PROBLEM	SOLUTION
<p>Light will not switch on when there is movement in the detection area.</p>	<p>Ensure that the power switch on the main body has been turned to the ON position.</p> <p>Ensure that the motion sensor has been positioned to face oncoming movement.</p> <p>Ensure that the batteries have 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.</p> <p>Check to see that the solar panel is facing south so that it receives direct sunlight for most of the day, enabling the batteries to fully charge.</p> <p>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.</p> <p>Check to see that the motion sensor is not near night time light sources such as street lights.</p>
<p>Light switches on during the day.</p>	<p>The LUX control may be set too far towards the (☼) position. Reposition the motion sensor.</p>
<p>Light switches on for no apparent reason.</p>	<p>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.</p> <p>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.</p> <p>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>

### ONE YEAR LIMITED WARRANTY

This product is warranted against faulty material and /or workmanship for a period of 1 year 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.



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MADE IN CHINA

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