

# **GAMA SONIC<sup>®</sup>**

## **SOLAR LIGHTING**



## **Modern Commercial Solar LED Post Light w/ Motion Sensor and Timer**

Part #: 102iST60012

US Patent #7172307, 9458970

Version 1.1

 Please read the instruction manual carefully to obtain the best results from your purchase.

**Thank you for your purchase! GAMA SONIC®** solar charged lights are brighter and last all night with a typical solar charge. Unique design, superior light output and numerous installation options confirm the outstanding value of our product. GAMA SONIC® has been recognized as a worldwide leader in the lighting industry for over 20 years.

**Technical Assistance/Warranty Claims/Replacement Parts**  
**Toll Free Number: +1-800-835-4113 (only within the US) or [www.gamasonic.com](http://www.gamasonic.com)**

**Visit our website or download the latest version of your instruction manual:**  
**[www.gamasonic.com](http://www.gamasonic.com) or [www.gamasonic.com/user-guides](http://www.gamasonic.com/user-guides)**

### Coastal Approved Solar Lamp

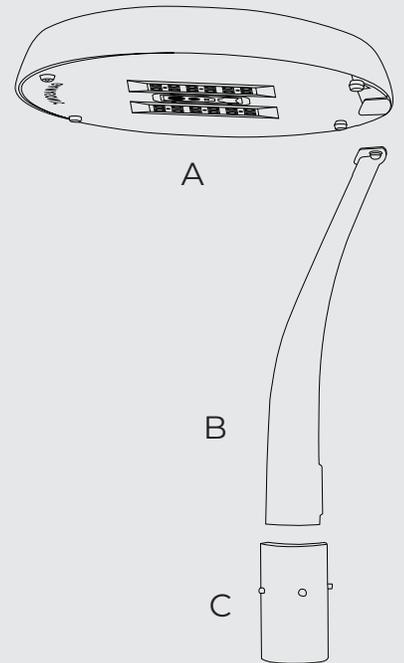
Gama Sonic's Modern Commercial Grade Solar Post Light is weather resistant, coastal approved and perfect for commercial and residential areas such as pedestrian walkways, community parks, parking lots, and residential communities.

### Solar Lamp Location

For optimum light duration throughout the night, it is very important to mount your solar lamp in a spot where it will receive the maximum amount of direct sunlight throughout the day.

### What's in the Box

A = Lamp  
B = Arm  
C = Adapter Sleeve  
Hardware



For best results, the solar light must be charged in the "ON" position (High or Low) for at least 2 days of full direct sunlight.

## Operation Instructions

Locate the operation switches on the underside of the fixture and select your preferred settings based on the following:

### • PIR/OFF/ON

- a. PIR = At dusk, the lamp will remain off until motion is detected. When motion is detected it will shine for one minute.
- b. ON = The lamp will turn on at dusk and remain on until dawn unless the timer has been set to a specified limit.

### • HIGH/LOW

- a. LOW = Softer light and longer duration.
- b. High = Brighter light output.

### • TIMER

The timer switch works for both operation settings and controls the overall length of time the lamp will function for.

Using a small flathead screwdriver, turn the arrow to the following settings:

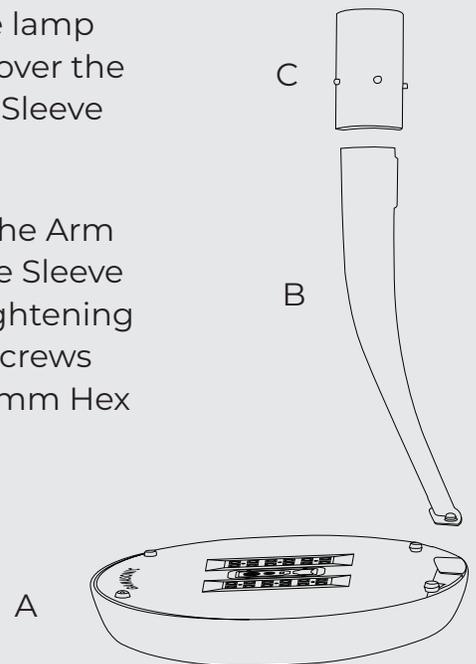
- a. 0 = Dusk to dawn operation.
- b. 4,5,6,7,8 = The number of hours the lamp will operate from dusk.

**NOTE:** When using lamp in the “On” setting, the lamp will be bright for the first four hours and then drop in intensity. After an additional four hours, the lamp will again drop in intensity and remain at that level until dawn. The lamp will cease operating after the total hours on the Timer Switch has elapsed.

Example: When the timer is set to 6, the lamp will be at full intensity for four hours and slightly dimmer for the next two hours before shutting off.

## Assembly Instructions

1. Begin by placing the Lamp (A) upside down and aligning the Arm (B) with the space in the glass.
2. Secure the Arm (A) to the Lamp (A) using the bolt, lock washer, and washer from the Hardware bag. Tighten these bolts securely using a 5mm hex wrench.
3. Slide the Adapter Sleeve (C) on the post that it will be attached to.
4. Tighten the four set screws on the Adapter Sleeve using a 4mm Hex wrench.
5. Slide the lamp Arm (B) over the Adapter Sleeve (C).
6. Secure the Arm (B) to the Sleeve (C) by tightening the set screws with a 4mm Hex wrench.



## Replacement Parts

Replacement Batteries are available at [www.gamasonic.com](http://www.gamasonic.com) or via our Toll Free number: +1-800-835-4113.

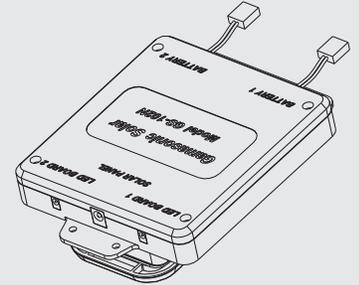
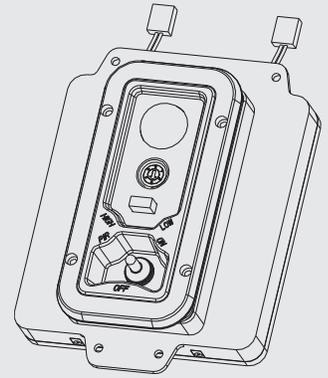
Your Lamp uses the following battery:  
GS128V60



## Replacing the Batteries

**GAMA SONIC®**  
SOLAR LIGHTING

1. Make sure the PIR/OFF/ON switch is in the OFF position.
2. Remove the lamp from the pole.
3. Turn the lamp over and remove the four screws and the plate around the switch panel.
4. Remove the four bolts holding the glass down using a 4mm hex wrench.
5. Carefully remove the glass and set it aside.
6. Using a Phillips screwdriver, remove the two screws from each bracket that is holding the batteries.
7. Remove the four screws holding the silver panel using a Phillips screwdriver.
8. Disconnect the batteries from the plug on the underside of the silver panel.
9. Make sure the new batteries are high quality Li-Ion 12.8V/6,000mAh rechargeable batteries with a matching connector.
10. Connect the new batteries to the plug under the silver panel.
11. Reassemble the lamp by reversing steps 2 through 7.
12. Turn the lamp back on to the desired setting.



Batteries are available for purchase at  
[www.gamasonic.com](http://www.gamasonic.com)

## Maintenance

Clean the solar panels regularly with a damp towel to guarantee optimum performance. Do not use any type of solvent for cleaning and be careful not to put too much pressure on the solar panels while cleaning.

## Troubleshooting

If your solar light does not come on as expected despite observance of all the instructions, please try the following steps:

1. Make sure that the solar lamp is not being affected by any other light source.
2. Ensure the solar lamp is not positioned in the shade during the day.
3. Check that the batteries are installed correctly.

**NOTE:** The performance of the solar lamp will vary with the time of year. It will last longer when it has had a full day in the sun rather than a day in overcast weather.



**WINTERTIME TIPS:** For optimal performance, be sure to remove any snow or debris accumulation from solar panel(s). A solar panel free of debris will charge the batteries much more efficiently.

**WARNING:** Please keep out of reach of children. Do not dispose of the Li-Ion battery in the regular trash, municipal waste stream or by fire as batteries may leak or explode. Do not open, short circuit, or mutilate batteries as injury may occur. Preserve our environment by recycling Li-Ion batteries or disposing of them in accordance with local, State and federal regulations. Do not mix old and new batteries.

