

GAMA SONIC®

SOLAR LIGHTING



TRI-COLOR PROGRESSIVE SOLAR SPOTLIGHT

Part #: 103i90090

 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

Visit our website or download the latest version of your instruction manual:
www.gamasonic.com



Gama Sonic's Detachable Solar Panel

Gama Sonic's detachable solar panel allows you to place your spotlight in a location that does not allow for direct sunlight. You have the option to place the solar panel remotely to allow for both sun exposure, and perfect lighting in your desired area.

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

What's In The Box

A = Spotlight

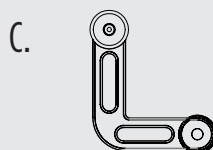
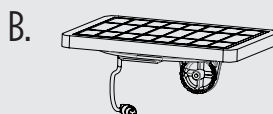
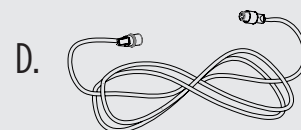
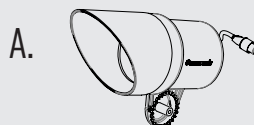
B = Solar Panel

C = L Bracket

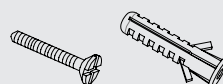
D = Extension Cord

E = Ground Stake (x2)

F = Flat Base



Screws and
Anchors



Wing Nuts
2 short (S1) and 1 long (S2)



Assembly Instructions

Lamp and panel mounted together:

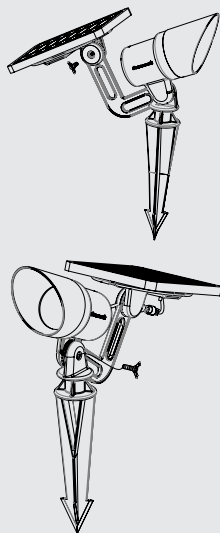
- Assemble the L bracket (C) to the solar panel (B) and secure using the short wing nut (S1).

NOTE: Assemble the L bracket (C) using the end that only has one set of teeth, the end with double teeth attaches to the spotlight.

- Attach the spotlight (A) to the L bracket (C) and either the ground stake (E) or the flat mount (F) and secure with the long wing nut (S2).

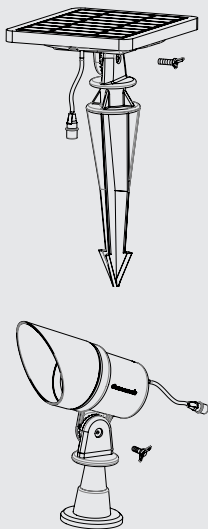
NOTE: The L bracket (C) must be between the spotlight (A) and the solar panel (B) brackets to be properly secured.

- Connect the wire from the solar panel (B) and spotlight (A).
- Wrap the cord around the solar panel (B) in the groove on the underside.
- Follow the Operation Instructions to turn the lamp on.



Lamp and panel mounted separately:

- Attach either the ground stake (E) or the flat mount (F) to the solar panel (B) and secure with the short wing nut (S1).
- Attach either the ground stake (E) or the flat mount (F) to the spotlight (A) and secure with the short wing nut (S1).
- Connect the wire from the solar panel (B) and spotlight (A). If additional length is required, attach the extension cord (D).
- Wrap any extra cord length around the solar panel (B) in the groove on the underside.
- Follow the Operation Instructions to turn the lamp on.



Stake Mounting

- For stake mounting, push the stake into the ground until secured.

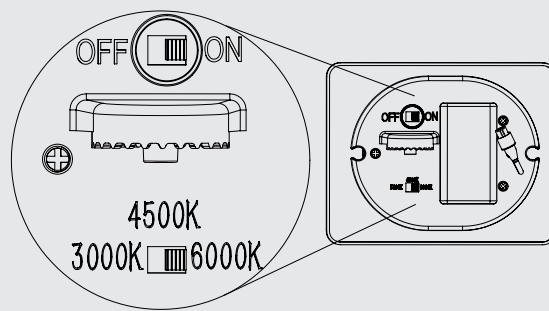
NOTE: if the ground is hard, try moistening it with water to make inserting the stake easier.

Flat Mounting

- Using the mount as a template, mark and drill two holes no larger than the provided anchors.
- Insert the anchors into the holes and secure the anchor with the screws.

Operation Instructions

- Move the operation switch on the underside of the panel to the ON position.
- Move the Color Temperature switch to one of the following based on your desired output:
 - 3000k – Warm White
 - 4500k – Daylight
 - 6000k – Bright White
- Your lamp will turn on automatically at dusk.



Replacement Parts

Replacement Batteries are available at www.gamasonic.com or via our Toll Free number: +1-800-835-4113.

Your lamp uses the following battery:
GS32V30

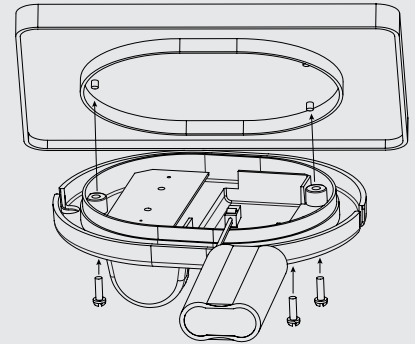


Replacing the Batteries

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After several years of use, the battery may need replacing.

1. Remove the solar panel (B) from either the spotlight (A) or one of the mounts depending on your installation. (also unwind the cord from the panel if yours was installed this way)
2. Move the ON/OFF switch to the OFF position.
3. Remove the three screws on the underside of the solar panel (B) and separate the panel.
NOTE: you may need to use a screwdriver to pry the panel away as it can be a tight fit.
4. Disconnect the existing battery and replace with a new high quality 3.2V 3000mAh Li-Ion battery with matching connector (part# GS32V30).
5. Clip in the new battery and carefully reattach the panel and secure using the three screws removed earlier.
6. Move the ON/OFF switch to the ON position and mount your lamp in its previous position.



Batteries are available for purchase at 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 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.

