PLEASE CHARGE YOUR

LIGHT FOR 3-5 DAYS

BEFORE FIRST USE

solar security light

User Guide

<u>The product will not charge correctly if it is charged inside, behind glass or by using artificial light.</u>

Thank you for choosing our Solar Security Light. Please read these instructions carefully before using your light.

Always take care when installing your Solar Security Light, especially when mounting it in high places.

Installing the Solar Panel

The product has a powerful solar panel that charges the internal high capacity battery during the day. At night the charge in the internal battery powers the product enabling it to light when it detects motion. Before installing Solar Panel, you'll need to consider the best place for it to receive the most amount of sunlight. Position the Solar Panel in a south facing location that is not obstructed by buildings, fences, trees, sheds, bushed or the shadows that these create. Please note that a poor solar panel location will drastically reduce the performance of your Solar Security Light.

The Solar Panel must be located within 5m of where you intend to position your Solar Security light.. The Solar Panel can be mounted flat(on a shed or garage roof for sample)or the wings on the base can be angled down so that it can be fence or post mounted. Once you have identified your Solar Panel location，put it in place and mark the position of the two screw holes. Drill the marked holes, insert rawl plugs and screw the Solar Panel into position.

Installing the Light Unit

While every care has been taken to waterproof the light we always recommend mounting the product under the eaves or to a solid wall or fence to reduce opportunities for driving rain to enter the unit.

Failure to follow this advice may impair performance of your light and could affect the warranty.

Locate the mounting bracket (a) at the rear of the light and carefully remove the wing nuts (b) and washers(c) either side of it and put them to one side. The bolt (d) are too long to fall out of the housing under most circumstances, but this is possible so take care.(**fig.1**)

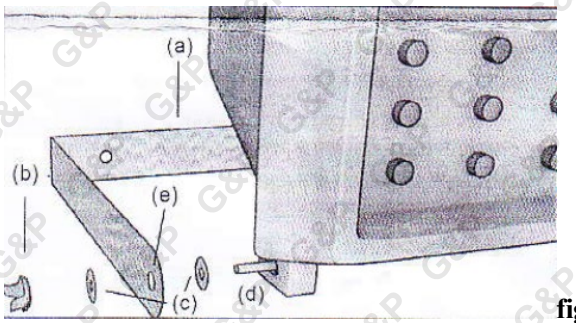

fig.1

Position the bracket (a) in your desired location and mark the 2 holes on the rear of the bracket. Put the bracket to one side, drill the 2 holes and fit rawl plugs(b).Reposition the bracket and screw it into place with the provided screw(c).(**fig.2**)

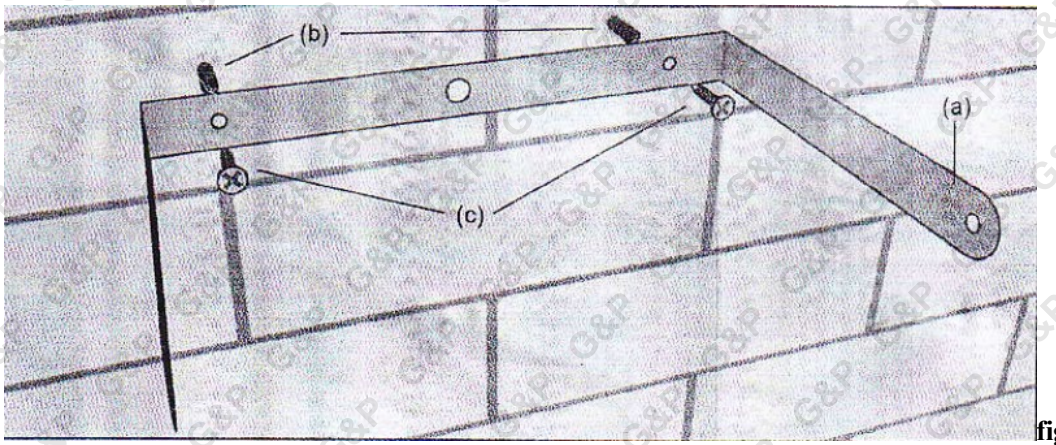

fig.2

Hold the product in one hand while using the other to carefully push one of the bolts (d) through the washer (c) then through the hole in the bracket(e).Slide the second washer(c) into place and tighten wing nut(b) half way.

Repeat for the other side.

Use one hand to hold the product at your desired angle and then completely tighten both wing nuts using your free hand. (**fig.1**)

Connecting the Solar light unit to the Solar Panel

Locate the Solar Panel cable and connect it into the "**Panel 1**" socket on the back of the Solar Security Light. Apply a moderate pressure to the solar panel connector to ensure the solar panel connector is fully plugged into the back of the solar light. Ensure the cap over the other socket is securely in place if a second panel is not required.

Operating instructions

Settings

The product has 3 settings that can be adjusted by turning the dials under the PIR sensor. Unlike

mains powered security lights, solar security lights can only work for as long as there is charge in their batteries, so it is important to conserve this charge by setting your product correctly. Poorly adjusted settings will result in the product continually running out of charge.

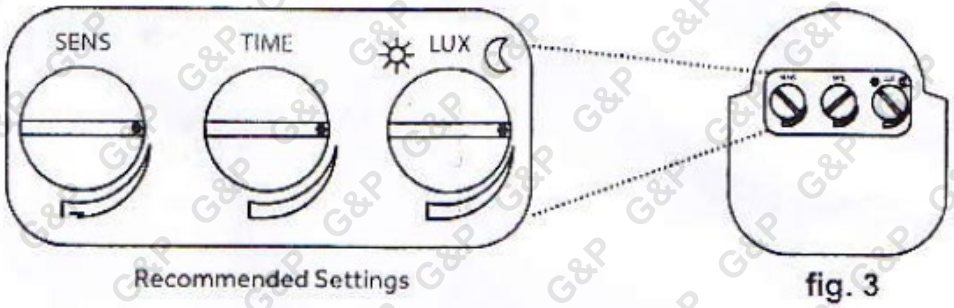

fig. 3

Sens

Use the "SENS" dial to adjust the rang sensitivity of the PIR detector on the product. The range sensitivity decides how close motion has to be to the PIR sensor before the light will activate. If the "SENS" is set too low the light may not activate at all, if the sensitivity is set too high the light may activate too often unnecessarily which will run the battery flat. Try to set the SENS dial as low as possible while ensuring the product performs as you require.

Time

Use the "TIME" dial to adjust the amount of time the product will light for each time it detects motion. The product will light for between 10 seconds and 80 seconds depending on how you set this dial. Try to set the TIME dial as low as possible while ensuring the product performs as you require.

Lux

Use the "LUX" dial to set how dark it is before the product will start to activate. If the "LUX" is set too low (dial moved towards the moon icon) the light may not activate as desired after dark, if the "LUX" is set too high (dial moved towards the sun icon) the light may activate even if it is still light. Try to set the LUX dial as low as possible while ensuring the product performs as you require.

Troubleshooting:

If you are encountering problems with your product, its more than likely something you can resolve yourself. If it has its solar panel in a poor location with its settings set too high will struggle to work at all, but that doesn't mean there is a fault with the unit. Please try the troubleshooting tips below before contacting your retailer.

Recharge Procedure

1. Double check the location of your solar panel. Is it as south facing as possible and in an unobstructed location?
2. Is the solar panel fully plugged into the light?-apply moderate pressure to the jack to make sure. Wipe the panel with a damp cloth
3. Turn the light off at the red switch and leave it to recharge for 5 days. Set the dial as in fig.3

4. After 5 days return to the product after dark. Cover the PIR with one hand and turn it on at the red switch-Your product should illuminate
5. Repeat step 4 several times if your product fails to illuminate. If your light still does not illuminate please contact your retailer.

Maintenance:

Clean the surface of the solar panel and light lens with a soft, slightly moistened cloth or a dry brush only. Do not use corrosive cleaning agents or chemical solutions since this may damage the housing surface or impair operation. Keep the solar panel free of dirt, debris and snow, or the battery in your 45 LED Solar Security Light will not charge properly. This may also shorten battery life or cause malfunction.

Safety instructions:

We assume no liability for any damage resulting from the use of this product, nor do we assume liability for any damage to property or personal injury caused by improper use or failure to observe the safety instructions.

Unauthorized conversion and/or modification of the unit will result in the invalidation of any guarantee.

To avoid damage to eyesight, do not look directly at the light source.

This device is not a toy and should be kept out of reach of children

Do not expose the device to extreme temperatures(less than -25℃ or higher than 50℃) or strong vibration or mechanical stress

Do not leave the packaging material unattended after installation.

Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

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