

# Solar Rope Lights

www.solar-rope-lights.com

## Solar Tube Light Operation Instructions

READ AND FOLLOW ALL INSTRUCTIONS BEFORE OPERATING YOUR SOLAR LIGHT. SAVE THIS MANUAL FOR FUTURE REFERENCE.

### 1. PARTS LIST

Each shipping carton should include the following parts

1. Electronic Box/LED Light Strand Tube	1 unit
2. Wall Mounting Bracket	1 unit
3. Pointed Stake	1 unit
4. Tube Mounting Brackets	10 units
5. Screws	12 units
6. Dry Wall Anchors	12 units

### 2. INSTALLATION

The electronic box containing the light string's solar panel **MUST** be installed in a well lit location where it can receive maximum sunlight during daytime hours. Any cover that shades the panel will affect its ability to absorb sunlight and decrease the amount of brightness and duration of the LED lights. The lights and electronic box are all weather – they should not be affected by exposure to rain, snow or temperature.

Your solar light strand has a light sensor, so it will activate automatically at sunset and deactivate automatically at dawn. Its location should **NOT** be near a light source such as a porch light, street lamp, etc., as these lights might prevent the lights from automatically turning on. If possible, place the solar panel facing south to ensure the solar panel absorbs maximum sunlight. The string of lights can be hung on tree branches, bushes, a roof, cave, fence or any other place you wish.

The electronic box can be positioned in the ground with the pointed stake or on a flat surface with the wall mounting bracket. The stake should be pushed into the ground until it is firmly in place. If the ground is too hard, soak the area with water to soften it. Once the stake is in place, attach the electronic box by sliding the stake into the bracket on the bottom of the electronics box. If you wish to attach the electronic box to a flat surface, use two of the provided screws to fasten the wall mounting bracket to an appropriate surface; drywall anchors are provided if needed. Once the wall mounting bracket is in place, attach the electronic box by sliding the tube into the bracket on the bottom of the electronics box. Be sure the solar panel is pointed toward the light. At least 8 hours of exposure to light is required to illuminate the light strand.

The first portion of your tube is **WIRING ONLY**; approximately 6 feet of the tube is non-illuminated lead wire. Tube mounting brackets are provided if you wish to attach the tube to a flat surface. Attach the brackets to the tube and then stretch the tube along the area you would like it to be attached. The brackets should be spaced at least two feet apart and attached to a flat surface using the provided screw; drywall anchors are provided if needed.

### OPERATION

Charge the battery for at least 8 hours before first use. Turn power switch to the ON position when first activated. If the power switch is left in the ON position, the solar lights will both turn on and off automatically based on lighting conditions. Thus, your lights have a built in "timer" based on the actual variable times of both sunrise and sunset. NOTE: The battery will charge in both the ON and OFF position.

### 3. BATTERY CARE

The AA Ni-CD 600 mAh battery included with this product is rechargeable and should last for 500 recharges. Like all rechargeable batteries, however, it will eventually need to be replaced. If your lights should begin to illuminate dimly or for shorter durations of time, you should replace the rechargeable batteries in the following way:

1. Unscrew 4 connecting screws and remove bottom plate from the electronic box.
2. Remove the old battery.
3. Replace battery with a new AA NI-CD rechargeable battery – the mAh rating for the battery should be at least 600. Replace bottom and screws.

DO NOT DISPOSE OF OLD BATTERIES – THEY SHOULD BE RECYCLED.

**PROP 65 WARNING:** Handling the coated electrical wires of this product exposes you to lead, a chemical known to the State of California to cause cancer, birth defects and other reproductive harm. Wash hands after use.