

solar-powered **SWIRL SCOPE**

Create Gorgeous Lightshows



ASSEMBLY AND INSTRUCTION GUIDE

IMPORTANT: READ ALL INSTRUCTIONS CAREFULLY BEFORE USE. PLEASE SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

ABOUT THE SOLAR SWIRL SCOPE

Your MAXSA Solar Swirl Scope converts sunlight to electricity to charge batteries during the day, enabling the super bright LEDs to turn on automatically at night to light up your home, garden, or landscape.

Your Solar Swirl Scope can light for up to 12 hours when the battery is fully charged. The 3.2V 1000mAh LiFePO4 18500 rechargeable battery included with this product should last for years before it needs to be replaced.

INCLUDED PARTS

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

Solar Panel



Swirl Scope Light

Ground Stake

CHOOSING A SUITABLE LOCATION

1. Determine what you want to illuminate and the width of the area you wish to illuminate.
2. The Solar Swirl Scope projects light at a 105° angle. Here is a table to help you determine how far away to place your light so the illumination covers the entire desired area:

<i>Distance (ft)</i>	<i>Spread (ft)</i>
5	13
10	26
20	52
30	78
40	104

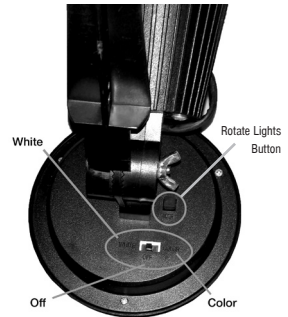
3. The Solar Swirl Scope also needs to be placed somewhere where the solar panel has clear access to the southern sky and can receive 7-8 hours of direct sunlight per day. If the light is in the shade or in the shadow of an object, the light may not charge properly during the day.
4. Finally, the Solar Swirl Scope is equipped with a light-sensitive trigger to automatically turn the light on at dusk. For best performance, ensure the Solar Swirl Scope is not placed near nighttime light sources such as porch lighting and street lighting, which may prevent the Swirl Scope from activating.
5. Once you have determined a good location for your Solar Swirl Scope, stake the light into the ground. Point the bulb of the Solar Swirl Scope towards the area you wish to illuminate and adjust the solar panel to face the Southern sky so the panel receives maximum sun exposure.

BEFORE THE FIRST TIME USE OF YOUR SOLAR SWIRL SCOPE

Let the Solar Swirl Scope charge with the switch in the OFF position for three days in direct sunlight. This will ensure the battery has a full charge prior to normal operation.

OPERATING YOUR SOLAR SWIRL SCOPE

1. If you want your Solar Swirl Scope to produce white light at night, move the switch right of center. If you want your Solar Swirl Scope to produce multi-colored light at night, move the switch left of center.
2. Cover the solar panel so the LEDs activate. Once activated, if they are stationary, press the button and they will start to rotate. If you want them stationary again, just press the button again. Decide on which setting you want and press the button to reach the desired setting.
3. Your Solar Swirl Scope is ready!



STORAGE

If you wish to store the light indoors for more than two or three days, move the switch to the center to turn the light OFF to prevent battery damage. When you are ready to place the Solar Swirl Scope back outside, be sure to repeat the steps in the "Before the First Time Use of Your Solar Swirl Scope" section on page 2.

MAINTENANCE

The LED lights in your Solar Swirl Scope will last up to 30,000 hours and should never need to be replaced.

To keep your Solar Swirl Scope looking new and the colors looking sharp, keep the clear plastic globe and solar panel free of dust and deposits by wiping occasionally with a dry cloth or warm, soapy water if necessary. A dirty solar panel will not allow the battery to fully charge and this will shorten the life of the battery and may cause the light malfunction.

PROBLEM	POSSIBLE SOLUTIONS
Light will not activate	<ul style="list-style-type: none"> • Ensure the power button on the main body is in the ON position. • Ensure the battery has been fully charged in direct sunlight for three days. Refer to the “Before the First Time Use of Your Swirl Scope” section on page 2. • Ensure the solar panel is facing south and that it is receiving 6-8 hours of sunlight per day, enabling the battery to fully charge. • Ensure the Swirl Scope is not near nighttime light sources such as street lights
Light quickly flashes on and off	<ul style="list-style-type: none"> • Battery charge may be low. Press the button to turn the light OFF and let the battery charge for three (3) sunny days, ensuring the solar panels have been placed in direct sunlight, ideally facing the Southern sky. • If the problem persists, it may be a sign the battery needs to be replaced. Be sure to replace the battery with a brand new 3.2V 1000mAh LiFePO4 18500 rechargeable battery. Follow the directions in the “Changing the Battery” section on page 4.
Light is not as bright at normal	<ul style="list-style-type: none"> • Battery charge may be low. Press the button to turn the light OFF and let the battery charge for three (3) sunny days, ensuring the solar panels have been placed in direct sunlight, ideally facing the Southern sky. • If you have switched from white lighting to multi-colored lighting, the light may not look as bright. This is just a function of the colors. • Check to make sure solar panel is facing south, and that it receives 7-8 hours of sunlight per day. • If the problem persists, it may be a sign the battery needs to be replaced. Be sure to replace the battery with a brand new 3.2V 1000mAh LiFePO4 18500 rechargeable battery. Follow the directions in the “Changing the Battery” section on page 4.
Light is rotating/ not rotating	<ul style="list-style-type: none"> • If the activated LEDs are rotating and you want them to stop, or the activated LEDs are not rotating and you want them to rotate, simply press the button on the back of the solar panel and it should change the function. See “Operating Your Solar Swirl Scope” on page 2 for more information.
LEDs are not on, but they are still rotating	<ul style="list-style-type: none"> • The switch may not be completely centered. Move the switch to the right so the white LEDs activate, then back to the center to turn the LEDs off and the rotation should stop.
Lights are multi-colored, I wanted white lights	<ul style="list-style-type: none"> • The switch may be in the wrong position. Ensure the switch is to the left of center for multi-colored
Lights are white, I wanted multi-colored lights	<ul style="list-style-type: none"> • The switch may be in the wrong position. Ensure the switch is to the right of center for white light.

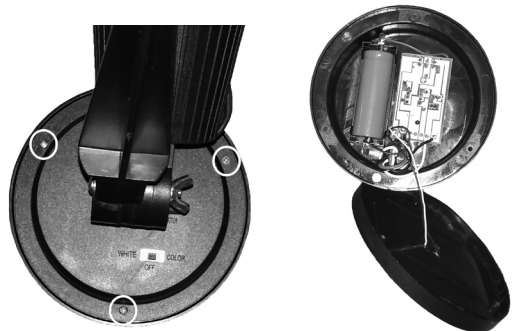
CHANGING THE BATTERY

The battery will need to be replaced when the charging ability is decreased. The battery can be accessed by removing the three small screws on the back of the solar panel.

You should replace the battery with a brand new 3.2V 1000mAh LiFePO4 18500 rechargeable battery.

You can find a replacement battery at most battery retailers or you can order them directly from MAXSA innovations by calling 703-495-0661, emailing info@maxsainnovations.com, or ordering from www.maxsainnovations.com.

Be sure to specify model number 41690 when checking out.



Remove screws to access battery compartment.

90 DAY LIMITED WARRANTY

90 DAY LIMITED WARRANTY: MAXSA Innovations, LLC warrants to the original consumer/purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for a period of ninety (90) days from the date of original purchase for use. When the original consumer/purchaser returns the product pre-paid (consumer pays return shipping) to MAXSA Innovations, LLC, 8412 Cathedral Forest Dr; Fairfax Station, VA 22039; USA within the warranty period, and if the product is defective, MAXSA Innovations, LLC will at its option repair or replace such. This warranty shall constitute the sole liability of MAXSA Innovations, LLC concerning the product. MAXSA Innovations, LLC expressly disclaims all other warranties INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM, OR CORPORATION IS AUTHORIZED TO ASSUME FOR MAXSA Innovations, LLC ANY OTHER LIABILITY IN CONNECTION WITH THE SALE AND USE OF THE PRODUCT. MAXSA Innovations, LLC and agents and distributors will bear no liability whatsoever for incidental or consequential damages or charges of any kind. Some states do not allow the reclusion or limitation of incidental or consequential damages, so the above disclaimer regarding incidental or consequential damages may not apply to you. This warranty is void if the product has been damaged or tampered with or if the product or any such parts have been opened. In all cases of damage during shipment, a claim must be filed with the shipping carrier and not with MAXSA Innovations, LLC. This warranty gives you specific legal rights; you may also have other rights which vary from state to state.

SPECIFICATIONS

Power Source:	Solar
Function:	Dusk-to-dawn
Light Colors:	White or multi-colored (red, green, and blue)
Angle of Light Dispersal:	105°
Power Storage:	3.2V 1000mAh LiFePO4 18500 rechargeable battery
Max Runtime:	Up to 12 hours when fully charged

MADE IN CHINA

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