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RISOON AL

RISOON Solar Strobe Warning Safety Flashing Light

Model: AL | Brand: RISOON



Image Description: A RISOON Solar Strobe Warning Safety Flashing Light, featuring a red and blue split lens design, a solar panel on top, and a black base. This is the main product view.

INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your RISOON Solar Strobe Warning Safety Flashing Light, Model AL. This device is designed to provide a highly visible warning signal in various environments, utilizing solar power for autonomous operation and a strong magnetic base for versatile mounting. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.

IMPORTANT SAFETY INFORMATION

- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- Do not attempt to open or modify the device, as this may void the warranty and pose safety risks.
- Keep the device away from extreme heat sources or open flames.
- Verify the magnetic base is securely attached to a ferromagnetic surface before operation to prevent accidental detachment.
- Dispose of the product and its battery according to local regulations.

PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x RISOON Solar Strobe Warning Safety Flashing Light (Model AL)
- 1 x Lithium Polymer Battery (pre-installed)

PRODUCT FEATURES

- **Solar Powered:** Equipped with a solar panel for environmental protection and energy conservation.
- **Strong Magnetic Base:** Features a heavy-duty magnetic base for secure attachment to metallic surfaces without scratching.
- **High Visibility:** 16 super bright LEDs provide 360° coverage with a visual distance of up to 1500m in darkness.
- **Durable Construction:** Made from PC+ABS materials, ensuring weatherproof performance with an IP65 rating.
- **Automatic Operation:** Automatically charges during the day and illuminates at night when the switch is in the "ON" position.
- **Versatile Application:** Suitable for aerial work, road construction, construction fences, ships, streets, parking lots, and schools.

product detail presentation



Solar panels

No battery required, solar charging
Fast charging speed, cycle work



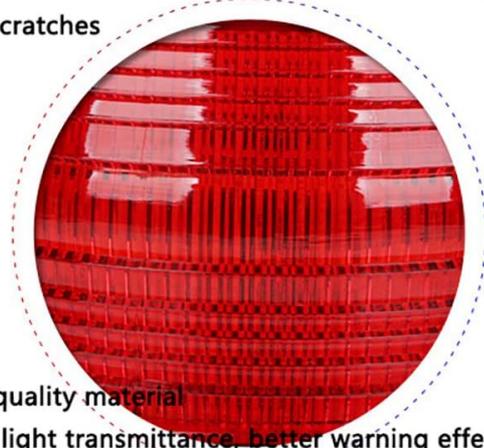
Super magnet

Powerful magnet at the bottom
Can directly absorb any iron object
The rubber ring on the bottom prevents slippage
and scratches



One key switch

Convenient control, no leakage
Can turn off the lights when not in use at night



High quality material

Good light transmittance, better warning effect
ABS plastic lamp body, durable and anti-corrosion

Image Description: This image displays the key components of the RISOON Solar Strobe Light. It highlights the solar panel for charging, the super magnet at the base for secure attachment, the single power switch for control, and the high-quality ABS plastic material used for the lamp body, emphasizing durability and good light transmittance.

Waterproof IP65

Rainproof and Dustproof

The transparent cover is thick, the surface is smooth and translucent, rotatable, Internal parts can be replaced at any time, dust will not enter the warning light



Image Description: This image illustrates the IP65 waterproof and dustproof capabilities of the RISOON Solar Strobe Light. Water splashes are shown around the red light, indicating its resistance to rain and dust, making it suitable for outdoor use in various weather conditions.

SETUP AND INSTALLATION

1. Initial Charge

1. Upon receiving the light, ensure the power switch (located at the bottom) is in the "ON" position.
2. Place the solar strobe light in direct sunlight for at least 8-10 hours to allow the internal battery to fully charge. This initial charge is crucial for optimal performance.

2. Mounting

1. Identify a suitable location for the light. The location should have ample direct sunlight exposure for the solar panel and a flat, ferromagnetic surface for the magnetic base.
2. Clean the mounting surface to ensure a strong magnetic connection.
3. Place the light firmly onto the desired metallic surface. The strong magnetic base will secure it in place.
4. Ensure the light is stable and will not be easily dislodged by wind or vibrations.

The bottom magnet design can be attached to any warning post with iron



Image Description: This image demonstrates the magnetic mounting capability of the RISOON Solar Strobe Light. The light is shown securely attached to a red and white striped warning post, highlighting its strong adsorption, quick installation, and wide adaptability to various iron surfaces.

OPERATION

1. Power On/Off

- Locate the power switch on the bottom of the unit.
- Slide the switch to the "ON" position to activate the light's automatic function.
- Slide the switch to the "OFF" position to deactivate the light.

2. Automatic Operation

- Once the switch is "ON" and the battery is charged, the light will automatically detect ambient light levels.
- During daylight hours, the solar panel will charge the internal battery. The light will not flash.
- At night or in low-light conditions, the light will automatically begin flashing its red and blue LEDs to provide a warning signal.

White warning light

Luminescence: blue light + white light flashes alternately



Red+Blue Warning Light

Flashing red + blue at the same time



Image Description: This image illustrates the Red+Blue warning light in operation, showing the simultaneous flashing of red and blue lights. It also contrasts with a white warning light option, which alternates between blue and white flashes.

MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel and the light's housing with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures efficient charging.
- **Inspection:** Periodically check the magnetic base for any signs of wear or damage. Ensure the rubber ring on the bottom is intact to prevent slippage and scratches.
- **Storage:** If storing the light for an extended period, ensure it is fully charged and store it in a cool, dry place. Recharge it periodically to maintain battery health.

TROUBLESHOOTING

Light Does Not Flash at Night:

- **Check Power Switch:** Ensure the switch on the bottom of the light is in the "ON" position.
- **Solar Panel Exposure:** Verify the solar panel receives adequate direct sunlight during the day. Obstructions like dirt, leaves, or shade can hinder charging.

- **Battery Charge:** The battery might be depleted. Allow the light to charge for a full day in direct sunlight.
- **Ambient Light:** The light has a built-in light sensor. Ensure there are no strong artificial light sources nearby that might prevent it from activating at night.

Light Flashes Weakly or for a Short Duration:

- **Insufficient Charge:** The battery may not be fully charged. Ensure the solar panel is clean and exposed to direct sunlight for a longer period.
- **Battery Degradation:** Over time, rechargeable batteries can degrade. If the issue persists after proper charging, the battery may need replacement (contact support for assistance).

Magnetic Base Not Holding Securely:

- **Surface Cleanliness:** Ensure both the magnetic base and the mounting surface are clean and free of dirt, rust, or debris.
- **Surface Material:** The magnetic base requires a ferromagnetic (iron or steel) surface for secure attachment. It will not adhere to aluminum, plastic, or other non-magnetic materials.
- **Surface Flatness:** Ensure the mounting surface is flat to allow full contact with the magnetic base.

TECHNICAL SPECIFICATIONS

Model	AL
Brand	RISOON
Color	Red+Blue
Shape	Square
Material	Acrylonitrile Butadiene Styrene (ABS), Polycarbonate (PC)
Finish Type	Plastic
Light Source Type	LED
Power Source	Solar Powered
Item Weight	0.46 Kilograms (1.01 pounds)
Batteries Required	1 Lithium Polymer battery (included)
Voltage	2.4 Volts
Brightness	1500 lumen
Light Source Wattage	5 Watts
Mounting Type	Magnetic Mount
Bulb Features	Flashing
IP Rating	IP65 (Waterproof and Dustproof)
Number of Light Sources	16 LEDs

Product Dimensions	3"L x 5"W x 4"H (approx. 7.6cm L x 12.7cm W x 10.2cm H)
Special Features	Alarm warning, Motion sensor (implied by 'Alarm warning' and 'Special Features' in specs, though not explicitly detailed as motion sensor in feature bullets), Solar powered, Waterproof

A variety of colors to choose

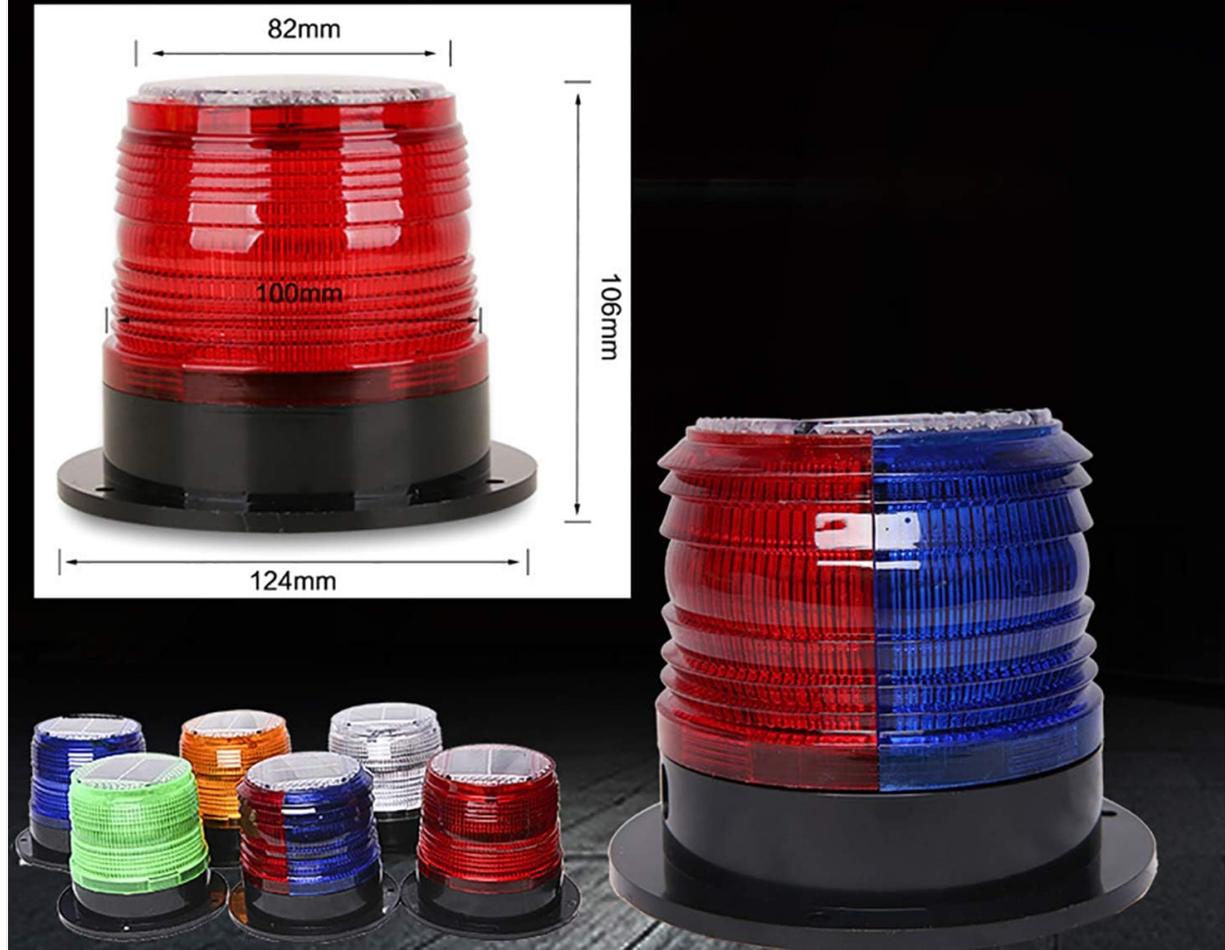
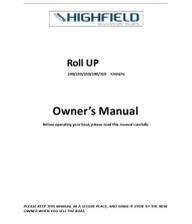
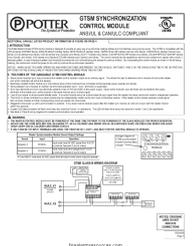


Image Description: This image provides the dimensions of the RISOON Solar Strobe Light. It shows a height of 106mm, a top diameter of 82mm, and a base diameter of 124mm, alongside various color options for the light.

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your RISOON Solar Strobe Warning Safety Flashing Light, please contact RISOON customer service through the retailer's platform or the official RISOON website. Please have your model number (AL) and purchase date available when contacting support.

Related Documents - AL

	<p>Gorbel Ceiling Mounted Work Station Bridge Cranes & Monorails Product Overview & Specifications</p> <p>Comprehensive guide to Gorbel's Ceiling Mounted Work Station Bridge Cranes and Monorails, detailing features, applications, installation, capacities, and specifications for industrial material handling.</p>
	<p>Wet Sounds a link plus Owner's Manual</p> <p>Owner's manual for the Wet Sounds a link plus, a wireless audio link system. Learn about its features, installation, and operation.</p>
	<p>Highfield Roll Up Owner's Manual: Safe Operation & Maintenance Guide</p> <p>Essential guide for Highfield Roll Up inflatable boats (200-320 KAM/AL series). Covers safety, operation, specifications, maintenance, and warranty for optimal boating experience.</p>
	<p>Potter Electric GTSM Synchronization Control Module - Installation & Specifications</p> <p>Comprehensive guide to the Potter Electric GTSM Synchronization Control Module, detailing its features, electrical specifications, wiring diagrams, and operational settings for synchronizing strobes and horn-strobes in fire alarm systems.</p>
	<p>Alpatron Marine JMR-611 River Radar: Features, Specifications, and System Overview</p> <p>Explore the Alpatron Marine JMR-611 series river radar, featuring advanced wave suppression, a user-friendly interface, and robust design for extreme weather conditions. Discover its specifications, system diagram, and functionalities.</p>



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