

Sonew Sonewknyvude63g

Sonew 12V Blue LED Strobe Beacon Alarm Flashing Light

Model: Sonewknyvude63g

1. INTRODUCTION

The Sonew 12V Blue LED Strobe Beacon Alarm Flashing Light is a highly visible and energy-efficient warning device designed for various applications, including home security systems, industrial warnings, and vehicle safety. Its robust design ensures reliable performance in diverse environments. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your device.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the device. Failure to do so may result in injury or damage to the product.

- **Electrical Safety:** Ensure the power source matches the specified voltage (12V/24V DC). Disconnect power before installation or maintenance to prevent electrical shock.
- **Mounting:** Mount the device securely on a stable surface. Ensure the mounting location can support the device's weight and withstand environmental conditions.
- **Visibility:** Do not stare directly into the flashing light for extended periods, as it may cause eye strain or temporary vision impairment.
- **Environment:** This product is designed for outdoor and indoor use, featuring a waterproof and explosion-proof design. However, avoid submerging the device in water.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Sonew Blue LED Strobe Beacon Alarm Flashing Light
- 2 x Mounting Bases
- 1 x Package of Mounting Screws
- 1 x Adhesive Sticker



Image: The Sonew 12V Blue LED Strobe Beacon Alarm Flashing Light shown with its complete set of accessories, including the main light unit, two mounting bases, a package of screws, and an adhesive sticker, ready for installation.

4. SPECIFICATIONS

Characteristic	Value
Model	Sonewknyvude63g
Voltage	12V / 24V DC
Current	30 mA (Working current: 50 mA / 30 mA)
LED Configuration	15 bright LED beads
Strobe Speed	Less than 120 times / minute (Flashes 2 times / second)
Lifespan	≥ 1000 hours (continuous operation)
Shade Color	Blue

Characteristic	Value
Dimensions (Dia. x H)	7.3 cm x 4.2 cm (2.9 in x 1.7 in)
Weight	99 g (3.5 oz)
Mounting Type	Wall Mount
Material	Durable, waterproof material



Image: A detailed view of the Sonew Blue LED Strobe Light, highlighting its multilayer LED arc surround design, which ensures uniform illumination and high brightness without dead spots.



Image: The Sonew Blue LED Strobe Light is depicted with an energy-saving icon and a circuit board background, emphasizing

5. SETUP AND INSTALLATION

Follow these steps to properly install your Sonew Strobe Light:

1. **Choose a Location:** Select a suitable mounting location that is stable, provides clear visibility, and is within reach of your 12V/24V DC power source. The device is designed for wall mounting.
2. **Prepare Mounting Surface:** Clean the mounting surface to ensure proper adhesion for the sticker and secure screw placement.
3. **Attach Backing Plate:** One of the two provided backing plates should be attached to the wall. You can use the adhesive sticker for initial positioning, then secure it firmly with the mounting screws.
4. **Connect Wiring:** The strobe light has two wires (typically red for positive and black for negative). Connect these wires to your 12V/24V DC power supply. Ensure correct polarity; if the light does not illuminate, try reversing the wires.
5. **Attach Light to Second Backing Plate:** Secure the strobe light unit to the second backing plate using the provided screw nuts.
6. **Mount Light Assembly:** Finally, attach the strobe light assembly (light unit with its backing plate) to the backing plate already secured on the wall. The two backing plates are designed to interlock.



Image: The underside of the Sonew Blue LED Strobe Light, illustrating the red and black wires for power connection and the screw holes for attaching the mounting base.



Image: An example of the Sonew Blue LED Strobe Light securely mounted on an outdoor wall, demonstrating its suitability for external installations.

6. OPERATING INSTRUCTIONS

The Sonew 12V Blue LED Strobe Beacon Alarm Flashing Light operates automatically once connected to a compatible 12V/24V DC power source. It is designed for continuous operation as a visual warning or alert.

- **Automatic Flashing:** Upon receiving power, the light will begin to flash continuously at a rate of approximately 2 times per second, creating a triple frequency flash for strong visual impact.
- **Applications:** This strobe light is ideal for various warning and signaling purposes, including:
 - Home security systems (as a visual alarm indicator)
 - Industrial safety warnings
 - Vehicle or equipment beacon
 - General alert signaling

Energy saving

long life and power consumption
are about half of that of incandescent bulbs.

Environmental protection, no harmful metals, waste recycling.



Image: The Sonew Blue LED Strobe Light actively flashing, illustrating its continuous and rapid triple frequency flash for effective visual warning.



Image: A collage showcasing the versatility of the Sonew Blue LED Strobe Light in different settings, including road safety, warning signs, industrial environments, and home security applications.



Image: The Sonew Blue LED Strobe Light installed inside a home, serving as a visual alert for a security system, demonstrating its effectiveness in residential applications.

7. MAINTENANCE

The Sonew Strobe Light requires minimal maintenance to ensure continued performance.

- **Cleaning:** Periodically wipe the outer casing with a soft, damp cloth to remove dust and dirt. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the wiring for any signs of damage or wear. Ensure all mounting screws remain tight and secure.
- **Environmental Protection:** While designed to be waterproof, ensure the light is not exposed to extreme conditions beyond its intended use.

8. TROUBLESHOOTING

If you encounter issues with your Sonew Strobe Light, refer to the following common problems and solutions:

- **Light Does Not Flash:**
 - Check power connections: Ensure the light is receiving 12V/24V DC power.
 - Verify polarity: If the light does not turn on, try reversing the positive and negative wires.
 - Inspect wiring: Look for any loose or damaged wires.
- **Mounting Brackets Do Not Align:**
 - Ensure you are using the correct parts for each step. The two bases are designed to interlock.
 - Refer to the installation steps in Section 5 and the image of the components to ensure correct

assembly.

- **Light Flashes Intermittently:**

- Check for stable power supply: Ensure the voltage is consistent and within the specified range.
- Inspect wiring for loose connections or corrosion.

9. WARRANTY AND SUPPORT

Sonew products are manufactured to high-quality standards. For any issues not covered in this manual or for further assistance, please contact Sonew customer support. Keep your purchase receipt for warranty claims.