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› Pelican 9460 Remote Area Lighting System Instruction Manual

Pelican 9460

Pelican 9460 Remote Area Lighting System Instruction Manual

Model: 9460

1. PRODUCT OVERVIEW

The Pelican 9460 LED Remote Area Lighting System is a robust and portable lighting solution designed for various applications requiring powerful, rechargeable illumination. This system features an Intelligent Control System for battery life management and adjustable light intensity. It includes two swiveling telescope masts that extend to nearly 6 feet, each equipped with a 360-degree articulated light array.

Key Features:

- **Intelligent Control System:** Calculates and displays current battery life, allowing users to regulate light intensity and choose desired run time.
- **Dual Telescoping Masts:** Two swiveling masts, each extending to approximately 6 feet.
- **Articulated Light Arrays:** Two 360-degree adjustable light arrays for versatile illumination.
- **Durable Construction:** Housed in a rugged Pelican case for protection and portability.
- **Integrated Wheels:** Features a rolling platform for easy transport.



Figure 1.1: The Pelican 9460 Remote Area Lighting System in its fully assembled and extended configuration.

2. SETUP INSTRUCTIONS

Follow these steps to set up your Pelican 9460 Remote Area Lighting System:

1. **Unpack the System:** Open the latches on the Pelican case. The case is designed to be lockable for security.
2. **Extend the Rolling Platform:** The system is heavy. To move it easily, pull out the rolling platform from underneath the case. This platform provides wheels and leverage for transport.
3. **Position the Case:** The case can be positioned vertically or horizontally. For vertical pole deployment, stand the case upright. For horizontal pole deployment, lay the case flat.
4. **Retrieve Masts and Lights:** Inside the lid, locate the telescoping masts. Remove them from their secure compartments. The LED light heads are stored within the main compartment.
5. **Assemble Masts:** The masts feature quick-release clamps. Extend each mast to the desired height by releasing the clamps, pulling the sections, and then securing the clamps.
6. **Attach Light Heads:** Connect each LED light head to the top of its respective mast. The connections are designed for heavy-duty use and quick attachment.
7. **Connect Power Cables:** Plug the coiled power cables from the light heads into the designated ports on the main unit. These ports are located on the side of the case.

Video 2.1: A demonstration of the Pelican 9460 system's unboxing, rolling platform deployment, and light mast assembly.



Figure 2.2: The Pelican 9460 system with one light mast extended, demonstrating its modular design.

3. OPERATING THE SYSTEM

The Pelican 9460 features an Intelligent Control System for intuitive operation:

1. **Power On:** Locate the control panel on the front of the main unit. Press the power button to turn on the system.
2. **Adjust Light Intensity:** Use the up and down arrow buttons on the control panel to increase or decrease the light output. The display will show the current intensity level.
3. **Monitor Battery Life:** The Intelligent Control System display provides real-time information on the remaining battery life, allowing you to plan your usage effectively.
4. **Adjust Light Direction:** The articulated light arrays on top of each mast can be swiveled 360 degrees to direct light precisely where needed.



Figure 3.1: A smartphone interface showing the control application for the Pelican lighting system, including battery status and connection options.

4. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your Pelican 9460 system:

- **Cleaning:** Wipe down the exterior of the case and light heads with a damp cloth. Avoid abrasive cleaners.
- **Battery Care:** Recharge the battery regularly, especially after prolonged use. Store the system with a charged battery to maintain battery health. Do not charge with the lid closed.
- **Inspection:** Periodically inspect all cables, connections, and mast sections for any signs of wear or damage.
- **Storage:** Store the system in a cool, dry place when not in use. Ensure all components are properly secured within the case.

5. TROUBLESHOOTING COMMON ISSUES

If you encounter issues with your Pelican 9460, consider the following:

- **Lights Not Turning On:** Check if the system is powered on and the battery has sufficient charge. Ensure all cables are securely connected.
- **Reduced Light Output:** This may indicate a low battery. Recharge the system.
- **Masts Not Extending/Retracting Smoothly:** Inspect mast sections for dirt or debris. Clean as necessary. Avoid forcing the sections.
- **Control Panel Unresponsive:** Try restarting the system. If the issue persists, ensure the battery is charged.

6. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	Pelican
Model Number	9460-000-110
Item Type Name	Remote Area Light
Light Source Type	LED
Power Source	Battery Powered
Battery Type	Lead Acid
Number of Batteries	1 12V batteries required. (included)
Voltage	12.00 V
Material	Aluminum
Color	Black
Item Weight	22997 Grams
Item Dimensions L x W x H	14"L x 9.25"W x 23.25"H

Specification	Detail
Mounting Type	Pole
Water Resistance Level	Not Water Resistant
UPC	019428109684
GTIN	019428109684

7. WARRANTY AND SUPPORT

The Pelican 9460 Remote Area Lighting System is covered by a manufacturer's warranty. For specific details regarding coverage, duration, and terms, please refer to the warranty documentation included with your product or visit the official Pelican Products website.

For technical support, service, or inquiries not covered in this manual, please contact Pelican Products customer service through their official channels.