

Blue Sea Systems 8171

Blue Sea Systems Red LED Indicator Light (12/24VDC) Model 8171 User Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Blue Sea Systems Red LED Indicator Light, Model 8171. This indicator light is designed to provide clear visual status in 12V or 24V DC electrical systems, commonly used in marine, automotive, and other DC applications.

2. SAFETY INFORMATION

- Always disconnect power from the circuit before installing or servicing the indicator light to prevent electrical shock or damage to the device.
- Ensure the indicator light is connected to a power source within its specified voltage range (12VDC or 24VDC). Connecting to an incorrect voltage may damage the unit.
- Professional installation is recommended for all electrical components.
- Do not expose the indicator light to excessive moisture or water unless specifically rated for such environments.
- Verify all wiring connections are secure and properly insulated to prevent short circuits.

3. PACKAGE CONTENTS

The package for the Blue Sea Systems Red LED Indicator Light, Model 8171, typically includes:

- One (1) Blue Sea Systems Indicator Light, Red LED, 12/24VDC, Black/Red, 8171

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your indicator light:

1. **Mounting:** Select a suitable location for mounting the indicator light. The light is designed for panel mounting. Drill a hole of appropriate diameter (refer to product specifications for exact dimensions, typically 11/16 inch or 17.5mm) in the desired panel. Insert the indicator light into the hole and secure it, if applicable, with the provided hardware or by its friction fit.

2. **Wiring:** The indicator light has two terminals for electrical connection.

- Connect the positive (+) terminal of the indicator light to the positive (+) output of your 12VDC or 24VDC power source or the circuit you wish to monitor.
- Connect the negative (-) terminal of the indicator light to the negative (-) or ground of your 12VDC or 24VDC power source.

3. **Verification:** Once wired, apply power to the circuit. The indicator light should illuminate if the circuit is active and wired correctly.



Image showing the Blue Sea Systems Red LED Indicator Light, Model 8171, featuring its black housing and red LED lens.

5. OPERATING INSTRUCTIONS

The Blue Sea Systems Red LED Indicator Light, Model 8171, operates automatically. Once properly installed and wired to a 12VDC or 24VDC circuit, the LED will illuminate when power is present in that circuit. No further user interaction is required for its operation.

6. MAINTENANCE

The Red LED Indicator Light is designed for minimal maintenance.

- **Cleaning:** Periodically wipe the exterior of the indicator light with a soft, damp cloth to remove dust or grime. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Occasionally inspect the wiring connections for any signs of corrosion, looseness, or damage. Ensure all connections remain secure.
- The unit contains no user-serviceable parts. Do not attempt to disassemble the indicator light.

7. TROUBLESHOOTING

If your Red LED Indicator Light is not functioning as expected, consider the following:

- **Light Not Illuminating:**
 - Verify that power is present in the circuit the light is connected to.
 - Check all wiring connections for proper polarity (positive to positive, negative to negative) and ensure they are secure.
 - Confirm the voltage of the power source is within the 12VDC to 24VDC range.
 - Inspect the LED for any visible damage.
- **Light Flickering or Dim:**
 - Check for loose wiring connections at both the indicator light and the power source.
 - Ensure the power source is providing stable voltage and current.
 - Inspect for any corrosion on the terminals or wiring.

If issues persist after troubleshooting, contact Blue Sea Systems customer support or consult a qualified electrician.

8. SPECIFICATIONS

Model Number	BSS.8171
Color	Red
Light Source Type	LED
Voltage	12/24VDC
Material	Plastic
Item Weight	0.32 Kilograms
UPC	632085081713

9. WARRANTY AND SUPPORT

Warranty: This product is covered by a warranty. For specific details regarding the warranty period and terms, please refer to the official Blue Sea Systems website or contact their customer service.

Customer Support: For technical assistance, product inquiries, or warranty claims, please visit the official Blue Sea Systems website at www.blueseasystems.com or contact their customer support directly.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question