

XRIDONSEN B0C9X9PLFM

XRIDONSEN Amber White Emergency Strobe Light Bar

MODEL: B0C9X9PLFM - INSTRUCTION MANUAL

1. Introduction

This instruction manual provides essential information for the safe and effective use of your XRIDONSEN Amber White Emergency Strobe Light Bar. This 2-in-1 system includes both a dash-mounted unit and a roof-mounted light bar, designed to enhance visibility and safety for various vehicles.

- **High Visibility:** Features 32 high-brightness LEDs for the dash unit and 104 LEDs for the roof bar, ensuring clear signaling day and night.
- **Durable Construction:** Built with sturdy and durable aluminum waterproof housing, offering a lifespan of up to 50,000 hours and an IP67 waterproof rating.
- **Intuitive Control:** A digital display controller allows for easy selection from 26 flashing patterns, 3 quick directional selections, and a custom pattern saving feature.
- **Easy Installation:** Equipped with strong magnetic mounts and rubber suction cups for secure, non-damaging attachment to metallic vehicle roofs. Includes a 16.4FT power cord for flexible placement.
- **Versatile Application:** Ideal for emergency vehicles, law enforcement, mail services, construction equipment, tow trucks, and other vehicles requiring enhanced warning signals.

2. Product Overview & Components



Figure 1: The XRIDONSEN Strobe Light Bar system includes both a dash-mounted unit and a roof-mounted light bar, along with a control panel and mounting accessories.



Figure 2: The roof-mounted strobe light bar provides high visibility for various vehicle types, enhancing safety during operations.



Figure 3: The dash strobe lights offer additional front-facing warning signals, easily installed on the vehicle's interior.

3. Setup & Installation

3.1 Mounting the Light Bar

The light bar utilizes strong magnetic mounts with rubber suction cups for secure attachment to metallic vehicle roofs. Ensure the mounting surface is clean and dry before installation. For non-metallic surfaces, hardwiring options are available (consult a professional if unsure).



DIGITAL CONTROL PANNEL

YOU ARE BEING ABLE TO SEE WHAT FLASH PATTERN YOU'VE SELECTED

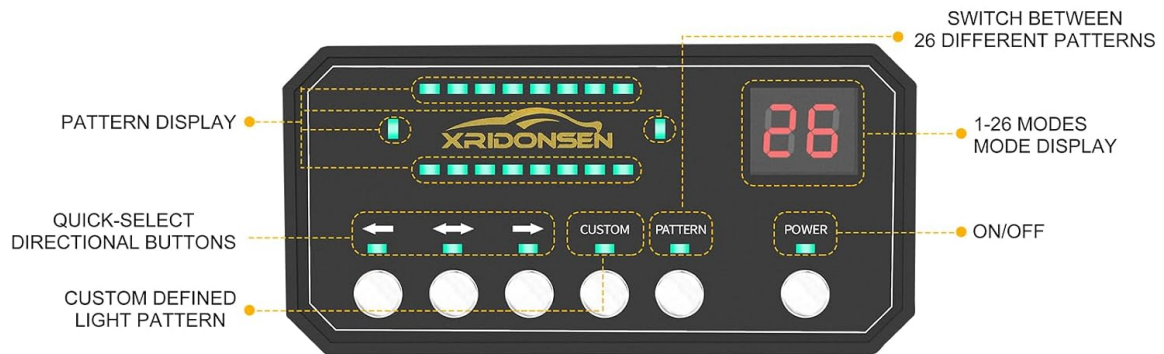


Figure 4: Detail of the magnetic mounting brackets with protective rubber pads.

3.2 Wiring and Power Connection

Connect the light bar to your vehicle's 12V power outlet using the provided cigarette lighter adapter. The adapter includes an on/off switch for convenience. For permanent installation, the adapter can be removed for hardwiring; professional installation is recommended for this method.



Figure 5: Example installation of dash lights and controller within a vehicle's interior.

4. Operating Instructions

4.1 Digital Display Controller

The digital display controller provides full command over the light bar's functions. It features a digital screen to indicate the current pattern number and illuminated buttons for various controls.



Figure 6: The digital display controller with buttons for power, pattern selection, and directional control.

- **Power Button:** Press to turn the light bar system ON or OFF.
- **Pattern Button:** Cycle through the 26 available flashing patterns. The digital display will show the current pattern number (1-26).
- **Directional Buttons:** Use the left, right, and custom buttons to activate specific traffic advisor patterns, directing traffic flow.
- **Custom Button:** Press and hold to save your preferred flashing pattern for quick access.

5. Maintenance

To ensure the longevity and optimal performance of your strobe light bar, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the light bar and its mounting surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners that could damage the housing or lenses.
- **Waterproofing:** The light bar has an IP67 waterproof rating, making it resistant to various weather conditions. However, avoid high-pressure washing directly onto the light bar.
- **Inspection:** Periodically inspect the wiring, connections, and mounting hardware for any signs of

wear, corrosion, or looseness. Tighten any loose components as needed.

6. Troubleshooting

If you encounter issues with your XRIDONSEN Strobe Light Bar, refer to the following common troubleshooting steps:

- **Light Bar Not Powering On:**
 - Check the cigarette lighter adapter connection to ensure it is fully inserted and the vehicle's 12V outlet is receiving power.
 - Verify the on/off switch on the cigarette lighter adapter is in the 'ON' position.
 - If hardwired, inspect the wiring connections for proper installation and ensure no fuses are blown in the vehicle's electrical system.
- **Patterns Not Changing:**
 - Ensure the digital display controller is properly connected to the light bar system.
 - Press the 'PATTERN' button firmly to cycle through modes. If unresponsive, check for any damage to the controller cable.
- **Lights Appear Dim:**
 - Ensure the light bar lenses are clean and free from dirt or debris.
 - Verify the vehicle's battery is providing adequate voltage (12V).

7. Specifications

Feature	Specification
Brand	XRIDONSEN
Model	B0C9X9PLFM
Material	Aluminum, Rubber
Light Source Type	LED
Voltage	12 Volts
Number of Light Sources	104 (Roof Bar)
Mounting Type	Magnetic Mount, Suction Cup Mount
Special Features	Waterproof (IP67)
Lifespan	Up to 50,000 hours

8. Warranty & Support

For warranty information, technical assistance, or to inquire about replacement parts, please contact XRIDONSEN customer service directly. You can find contact details on the official XRIDONSEN website or through your purchase platform.