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XRIDONSEN XR-680

XRIDONSEN 35-inch 144 LED Amber/White Strobe Light Bar Instruction Manual

Model: XR-680

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your XRIDONSEN 35-inch 144 LED Amber/White Strobe Light Bar. This light bar is designed to enhance visibility and safety for various vehicles, including construction vehicles, tow trucks, and snowplows, by providing highly visible warning signals.



Image: The XRIDONSEN 35-inch Amber/White Strobe Light Bar, showcasing its sleek design and amber and white LED configuration.

2. Product Features

- **High Visibility:** Equipped with 144 high-brightness LEDs, providing sufficient illumination for both day and night use in various weather conditions.
- **Durable Construction:** Features a high-quality aluminum housing and an anti-scratch PC lens, ensuring longevity and resistance to environmental factors. Expected service life of up to 50,000 hours.
- **Versatile Control:** Includes a digital display controller with 26 selectable flash patterns. Users can set one "favorite" pattern for quick access and utilize three directional quick selections. The controller also features a last pattern memory recall function.
- **Easy Installation:** Designed for straightforward positioning on front windshields or rear windows using strong suction cups. No special tools are required for installation.
- **Multi-Purpose Application:** Suitable for a wide range of work vehicles, including tow trucks, construction

equipment, snowplows, jeeps, trailers, vans, golf carts, and lawn tractors, for roadside work and job-site warning purposes.



Image: A detailed view of the 144 high-intensity LEDs, highlighting the amber and white light segments.

3. Package Contents

The package includes the following items:

- 1 x 35" Traffic Advisor Strobe Light Bar

4. Specifications

Attribute	Value
Brand	XRIDONSEN

Model Number	XR-680
Color	Amber/White
Light Source Type	LED
Number of LEDs	144
Voltage	12 volts DC
Wattage	96 watts
Special Features	Dustproof, Shockproof
Lens Material	Polycarbonate
Vehicle Service Type	ATV, Car, Golf Cart, RV, Tractor, Truck, UTV, Van
Auto Part Position	Front Inner, Rear Inner
UPC	737417127647

5. Setup and Installation

The XRIDONSEN Strobe Light Bar is designed for easy installation on your vehicle's front windshield or rear window. Follow these steps for proper setup:

1. **Clean Surface:** Ensure the mounting surface (windshield or rear window) is clean and dry for optimal suction cup adhesion.
2. **Attach Suction Cups:** Securely attach the suction cups to the light bar's mounting brackets.
3. **Position Light Bar:** Press the suction cups firmly onto the desired interior glass surface. Ensure the light bar is level and positioned to provide maximum visibility without obstructing your view.
4. **Connect Power:** Plug the light bar's power cable into your vehicle's 12V cigarette lighter socket.
5. **Mount Controller:** The digital display controller can be mounted within easy reach using its adhesive backing.



Image: The strobe light bar shown installed on a vehicle's rear window, demonstrating the use of suction cups for mounting.

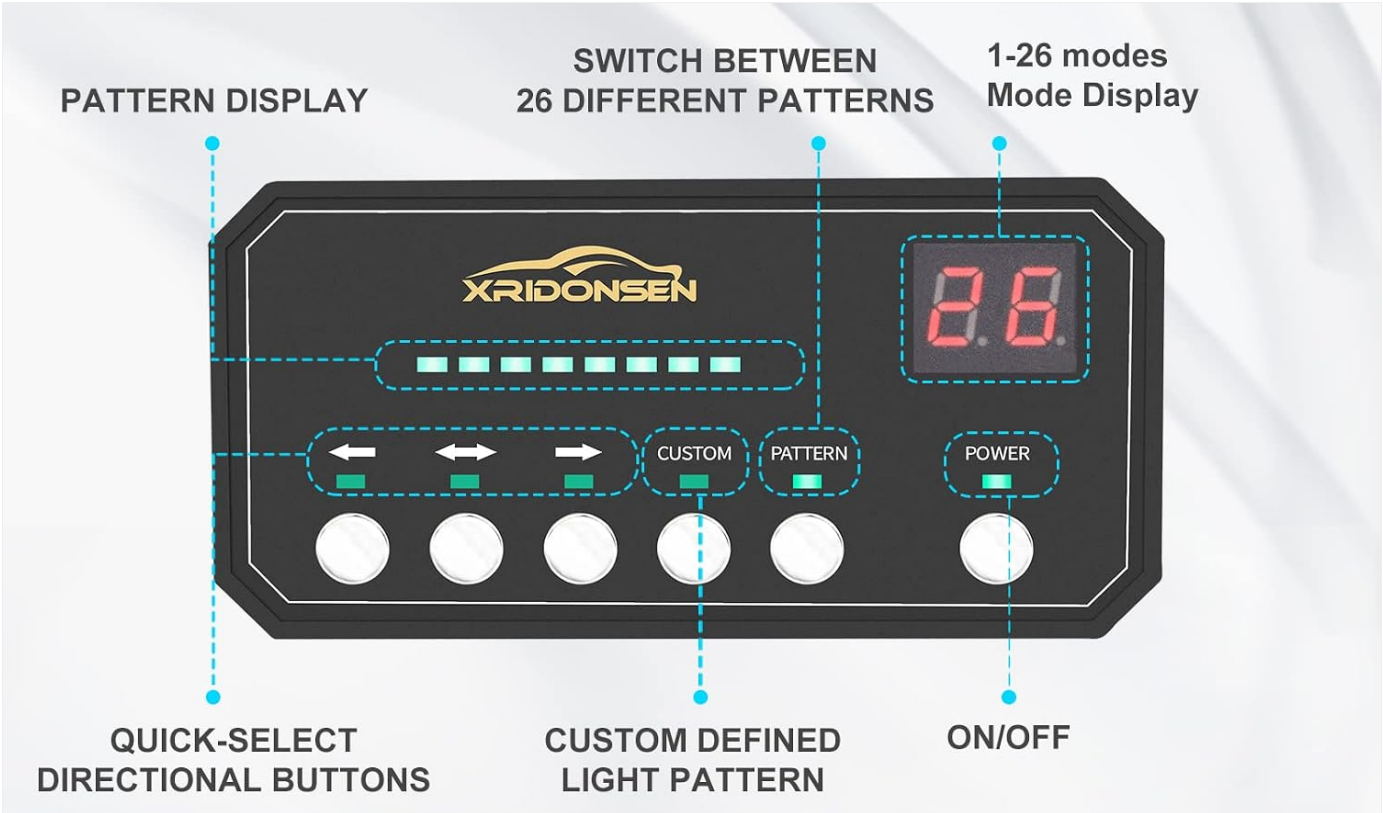




Image: A close-up of the digital display controller, showing its buttons for pattern selection and power.

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Video: Official product video demonstrating the XRIDONSEN 35-inch Traffic Advisor Light Bar in use on various vehicles, highlighting its features and installation.

6. Operating Instructions

The light bar is controlled via the included digital display controller. Familiarize yourself with the controller's functions:

- **Power Button:** Press to turn the light bar ON or OFF.
- **Pattern Button:** Cycle through the 26 available flash patterns. The current pattern number will be displayed on the digital screen.
- **Custom Button:** Allows you to save a frequently used pattern as a "favorite" for quick selection. Refer to the controller's specific instructions for setting a custom pattern.
- **Directional Buttons:** Use these buttons for quick selection of three directional warning patterns (e.g., left arrow,

right arrow, center out).

- **Memory Recall:** The controller retains the last selected pattern even after the unit is powered off, ensuring your preferred setting is active upon restart.



Image: A vehicle equipped with the strobe light bar, demonstrating its use in various scenarios.

7. Maintenance

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

- **Cleaning:** Regularly clean the lens with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners that could scratch the polycarbonate lens.
- **Connection Check:** Periodically inspect the power cable and cigarette lighter connection for any signs of wear or damage. Ensure a secure connection.
- **Suction Cup Inspection:** Check the suction cups for proper adhesion and replace them if they show signs of wear

or lose their grip.

- **Storage:** If storing the light bar for an extended period, disconnect it from power and store it in a cool, dry place.

8. Troubleshooting

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

Problem	Possible Cause	Solution
Light bar does not turn on.	No power, loose connection, faulty cigarette lighter socket.	Ensure the 12V cigarette lighter socket is functioning. Check that the power plug is fully inserted and secure. Verify the vehicle's fuse for the cigarette lighter socket is intact.
Lights flicker or dim.	Unstable power supply, loose connection, low vehicle battery.	Check all connections for tightness. Ensure your vehicle's battery is adequately charged. Test the light bar in another vehicle if possible.
Suction cups lose grip.	Dirty surface, worn suction cups, extreme temperature changes.	Clean the mounting surface and suction cups thoroughly. Moisten suction cups slightly before applying. Replace worn suction cups if necessary.

If the problem persists after trying these solutions, please contact customer support.

9. Warranty and Support

This XRIDONSEN Strobe Light Bar comes with a**1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or any questions regarding your product, please contact XRIDONSEN customer service through the retailer where the product was purchased or visit the official XRIDONSEN store online.
Online Store: XRIDONSEN Store on Amazon

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