

XRIDONSEN XR-204

XRIDONSEN XR-204 10.7-inch Amber/White Emergency Strobe Lights User Manual

Brand: XRIDONSEN | **Model:** XR-204

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your XRIDONSEN XR-204 10.7-inch Amber/White Emergency Strobe Lights. These lights are designed to enhance visibility and safety for various vehicles, particularly in emergency or work-related situations. Please read this manual thoroughly before installation and operation.

2. SAFETY INFORMATION

- Ensure proper installation to prevent detachment during vehicle operation.
- Verify local regulations regarding the use of emergency warning lights on public roads.
- Do not stare directly into the lights for extended periods, as this may cause eye strain or damage.
- Keep wiring away from hot engine parts or sharp edges to prevent damage.
- Always turn off the lights when not in use to conserve vehicle battery.

3. PRODUCT FEATURES

- **Excellent Visibility:** Bright amber and white LEDs provide high visibility from significant distances, day or night.
- **Premium Quality & Waterproof:** Constructed with high-quality aluminum for heat dissipation and a durable, IP67 waterproof housing. Features focused TIR spot lenses.
- **Quick Response & Multiple Patterns:** Equipped with a 12V cigarette lighter switch for plug-and-play operation. Offers 22 flashing patterns with a memory recall function.
- **Easy Installation:** Can be installed using surface suction cups or bracket mounts on various vehicle locations.
- **Durable and Weather Resistant:** Designed to withstand harsh weather conditions including rain, fog, dust storms, snow, and strong winds.



Figure 1: Enhanced visibility provided by XRIDONSEN Emergency Strobe Lights.



Figure 2: Visibility comparison with and without the strobe lights.

4. WHAT'S IN THE BOX

- 2 x 10.7 inch 24 LED Strobe Lights
- Mounting Brackets

- Suction Cups
- 12V Cigarette Lighter Plug with Control Switches
- Installation Hardware (screws, etc.)

5. SETUP AND INSTALLATION

The XRIDONSEN XR-204 strobe lights offer multiple mounting options for versatile placement on your vehicle.

5.1 Mounting Options

- **Suction Cup Mounting:** Ideal for temporary placement on windshields (front/rear) or side windows. Attach the suction cups to the provided brackets and then firmly press onto a clean, smooth glass surface.
- **Permanent Mounting (Bracket/Bolt):** For a more secure and long-term installation, use the included brackets and screws. These can be mounted on bumper corners, grill, tailgate, headlamps, or exterior roof racks.

EASY TO INSTALL



FRONT/SIDE MOUNTING



REAR/SIDE MOUNTING

Figure 3: Easy installation with suction cups.



Figure 4: Strong suction cups ensure stability.



Figure 5: Multiple mounting options for versatile placement.

5.2 Power Connection

Connect the 12V cigarette lighter plug to your vehicle's cigarette lighter socket. The long power cable (16.4 ft) allows for flexible routing to various installation points.



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FLASH PATTERNS

MORE FLASH PATTERNS TO SHOOSE FROM.
INCLUDES LAST MEMORY RECALL FUNCTION.

MODE CHANGE BUTTON

TURN ON/OFF

16.4 FT POWER CABLE

Figure 6: 12V cigarette lighter plug with control buttons.

PRODUCT DETAILS



Figure 7: Product details including the 12V cigar lighter plug.

6. OPERATING INSTRUCTIONS

The strobe lights are designed for simple operation via the integrated control switches on the 12V cigarette lighter plug.

- **Power On/Off:** Use the designated power switch on the cigarette lighter plug to turn the lights on or off.
- **Change Patterns:** Press the mode change button to cycle through the 22 available flashing patterns. The unit features a memory function that saves the last used pattern.

6.1 Demonstration Videos

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Video 1: Demonstration of Amber White Strobe Lights patterns for trucks and construction vehicles.

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Video 2: Short demonstration of light patterns and brightness.

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Video 3: Strobe lights in action on a construction truck.

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Video 4: Overview of emergency strobe lights features and use.

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Video 5: Review highlighting safety and visibility of the strobe light bar.

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Video 6: Brightness demonstration of the strobe lights.

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Video 7: Demo and review of the bright emergency lights.

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Video 8: Review of blue emergency lights, highlighting brightness and quality.

7. MAINTENANCE

- **Cleaning:** Wipe the light bars and suction cups with a soft, damp cloth. Avoid abrasive cleaners.
- **Waterproof Rating:** The lights have an IP67 waterproof rating, meaning they are protected from dust and can withstand immersion in water up to 1 meter for 30 minutes. However, prolonged submersion is not recommended.
- **Storage:** When not in use, store the lights in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

- **Lights not turning on:**
 - Ensure the 12V cigarette lighter plug is fully inserted and receiving power.
 - Check the power switch on the plug to ensure it is in the 'on' position.
 - Verify your vehicle's 12V socket is functional.
- **Patterns not changing:**
 - Press the mode change button firmly.
 - If the issue persists, try disconnecting and reconnecting the power.
- **Suction cups not holding:**
 - Clean the glass surface and the suction cups thoroughly.
 - Ensure the suction cups are free from dust or debris.
 - Apply slight moisture to the suction cups before pressing them firmly onto the surface.

9. SPECIFICATIONS

Specification	Detail
Brand	XRIDONSEN
Model	XR-204
Color	Amber/White

Light Source Type	LED (24 LEDs per light bar)
Wattage	24 watts
Voltage	12 Volts
Waterproof Rate	IP67
Special Features	Dustproof, Waterproof
Lens Material	Polycarbonate
Item Weight	2.29 pounds
Package Dimensions	11.93 x 5.24 x 2.52 inches
Service Life	50,000 hours
Flash Patterns	22 (with memory function)

10. WARRANTY AND SUPPORT

XRIDONSEN is committed to providing high-quality products. For any questions or support needs regarding your XR-204 Emergency Strobe Lights, please refer to the contact information provided with your purchase or visit the official XRIDONSEN store online. The product is designed for a service life of 50,000 hours, reflecting its durable construction and quality components.