OPL5 PZ4JJ48

OPL5 Amber Beacon Strobe Lights Instruction Manual

Model: PZ4JJ48

1. Introduction and Overview

This manual provides instructions for the safe and effective use of the OPL5 Amber Beacon Strobe Lights. This product is designed to enhance visibility and safety for various vehicles, including construction vehicles, tow trucks, snow plows, and other utility vehicles. It features 48 high-intensity LEDs, 16 selectable flashing modes, and a magnetic base for easy installation.



Image 1.1: OPL5 Amber Beacon Strobe Light.

2. Safety Information

Please read all safety instructions before operating the device. Failure to follow these instructions may result in property damage or personal injury.

- Ensure the light is securely mounted before vehicle operation.
- Verify that the vehicle's electrical system is compatible with the 12-24V DC input.
- Do not stare directly into the LED lights, as this may cause eye strain or temporary vision impairment.
- Check local regulations regarding the use of amber warning lights on public roads.
- Keep the power cord away from hot surfaces and moving parts.

3. Package Contents

Verify that all items are present in the package:

- 1 x OPL5 Amber Beacon Strobe Light (Model PZ4JJ48)
- 1 x Cigarette Lighter Adapter with ON/OFF switch and pattern change button

4. Specifications

Feature	Detail
Model	PZ4JJ48
LED Quantity	48 high-intensity LEDs
Working Voltage	12-24V DC
Power Source	Cigarette lighter plug
Flash Patterns	16 different patterns
Memory Function	Last pattern recall/memorized function
Mount Type	Magnetic mount (5 strong magnets)
Cable Length	10 feet
Lens Material	Durable PC (Polycarbonate)
Waterproof Rating	IP67
Dimensions (L x D x H)	5.86" x 4.04" x 2.65" (approx.)
Item Weight	1.04 pounds



Image 4.1: Detailed product specifications and dimensions.

5. Setup and Installation

The OPL5 Amber Beacon Strobe Light is designed for quick and easy installation without the need for drilling or cutting.

1. **Choose Mounting Location:** Select a flat, metallic surface on your vehicle's roof or other suitable area. Ensure the surface is clean and dry for optimal magnetic adhesion. The light features 5 strong magnets for secure attachment.
2. **Secure the Light:** Place the magnetic base of the strobe light firmly onto the chosen metallic surface. Verify that it is stable and will not shift during vehicle operation.
3. **Connect Power:** Insert the cigarette lighter adapter into your vehicle's 12-24V DC cigarette lighter socket.
4. **Test Functionality:** Use the ON/OFF switch on the cigarette adapter to turn on the light. Press the pattern change button to cycle through the 16 available flashing modes.



Image 5.1: Components and features for installation and operation.

6. Operating Instructions

Operating the OPL5 Amber Beacon Strobe Light is straightforward:

- **Power On/Off:** Use the red ON/OFF switch located on the cigarette lighter adapter to turn the light on or off.
- **Change Flash Pattern:** Press the black button next to the ON/OFF switch on the cigarette lighter adapter to cycle through the 16 different flashing patterns.
- **Memory Function:** The light features a last pattern recall function, meaning it will remember the last selected flash pattern when powered off and on again.

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Video 6.1: Demonstration of the OPL5 Amber Beacon Strobe Light's 16 flashing modes and 360-degree coverage. This video illustrates the various patterns and the light's overall visibility.



Image 6.2: Illustration of 360-degree luminous coverage and 48 high-intensity LEDs.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your strobe light.

- **Cleaning:** Wipe the lens and housing with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners that could scratch the PC lens.
- **Connection Check:** Periodically inspect the power cord and cigarette lighter adapter for any signs of wear, damage, or loose connections.
- **Magnetic Base:** Ensure the magnetic base is free of metallic particles that could reduce adhesion or scratch vehicle surfaces.
- **Storage:** When not in use, store the light in a cool, dry place away from direct sunlight and extreme temperatures.



Image 7.1: The IP67 waterproof design allows the light to withstand harsh weather conditions.

8. Troubleshooting

If you encounter issues with your OPL5 Amber Beacon Strobe Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the cigarette lighter socket, faulty connection, or blown fuse in the vehicle.	Check vehicle's cigarette lighter socket with another device. Ensure the adapter is fully inserted. Inspect vehicle's fuse box for a blown fuse.
Light turns on but does not flash.	Pattern change button not pressed or internal fault.	Press the pattern change button on the adapter. If the issue persists, contact customer support.

Light falls off or shifts during driving.	Insufficient magnetic adhesion due to dirty surface, non-metallic surface, or strong vibrations.	Ensure mounting surface is clean, flat, and metallic. Consider an alternative mounting method if vibrations are excessive.

9. Warranty and Support

For warranty information or technical support, please contact OPL5 customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

Contact Information: Refer to your purchase documentation or the retailer's website for the most current contact details for OPL5 support.

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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