

ASPL Light Bar 2x16.8 inch A W

ASPL 2x16.8 inch LED Traffic Advisor Strobe Light Bar User Manual

Model: Light Bar 2x16.8 inch A W | Brand: ASPL

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ASPL 2x16.8 inch LED Traffic Advisor Strobe Light Bar. Please read this manual thoroughly before use to ensure proper function and safety. This product is designed for interior safety warning applications in various vehicles.

Safety Warnings

- Ensure the product is securely mounted before vehicle operation.
- Do not stare directly into the LED lights, as this may cause eye strain or temporary vision impairment.
- Verify local regulations regarding the use of emergency and warning lights before installation and operation.
- Disconnect power before performing any maintenance or installation.
- Keep wiring away from hot or moving parts.

2. PRODUCT FEATURES

- **SUPER VISIBILITY:** 32 super bright high-intensity LEDs with wide optic lenses provide excellent light output, effective even in daylight.
- **HIGH QUALITY CONSTRUCTION:** Aluminum casing for enhanced heat dissipation and extended lifespan up to 50,000 hours. Resistant to adverse weather conditions, fully waterproofed, dust-proof, and corrosion-resistant.
- **EASY TO INSTALL:** Offers two installation methods: permanent mounting with L-shape brackets and screws, or temporary mounting via suction cups on the front or rear windshield.
- **26 FLASH PATTERNS:** Features a double switch button for easy control and selection from 26 distinct flash patterns. Includes a last pattern recall/memory function.
- **DIMENSIONS:** The light bar consists of two pieces, each 16.8 inches long. The wire connecting the two light pieces is 3.9 feet. The power cable from the light to the cigarette lighter adapter is 16.4 feet.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 2 x 16.8 inch LED Strobe Light Bars
- Mounting Brackets (L-shape and Suction Cup options)
- Cigarette Lighter Adapter with Dual Switch (Power On/Off and Pattern Selector)
- Necessary Screws and Fasteners for L-bracket mounting

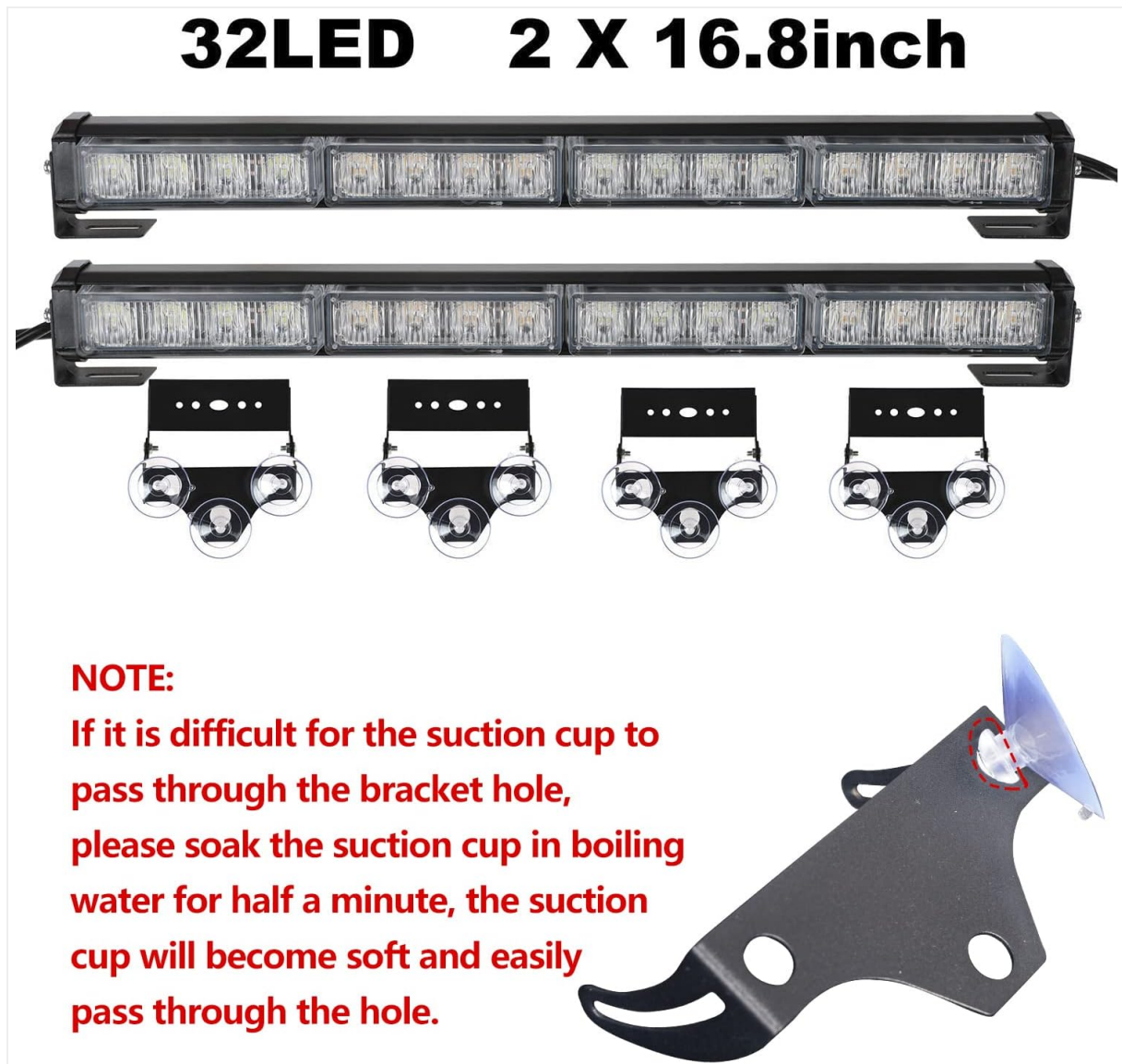


Image 3.1: Overview of the ASPL 2x16.8 inch LED Traffic Advisor Strobe Light Bar components, showing the two light bars, suction cup mounting brackets, and the power adapter with control switches.

4. SETUP AND INSTALLATION

The ASPL LED Traffic Advisor Strobe Light Bar offers flexible installation options. Choose the method best suited for your vehicle and application.

4.1. Suction Cup Mounting (Temporary)

1. Clean the desired mounting surface on your windshield thoroughly to ensure optimal suction.
2. Attach the suction cups to the provided brackets on the light bars.
3. Press the suction cups firmly against the clean glass surface. Ensure a secure hold.
4. **Note:** If suction cups are stiff, soak them in boiling water for 30 seconds to soften them for easier installation

into the bracket holes.

Two-way Mounting Solutions



1. Suction cup mounting



2. L-brackets mounting

Image 4.1: Illustration of the two primary mounting solutions: suction cup for temporary placement and L-brackets for permanent installation.



Image 4.2: Detail showing the light bar's dimensions and its capability for 90-degree windshield mounting.

4.2. L-Bracket Mounting (Permanent)

1. Identify a suitable, flat surface for permanent installation, such as a dashboard or rear deck.
2. Position the L-brackets and mark the drilling locations.
3. Drill pilot holes if necessary, then secure the L-brackets using the provided screws.
4. Attach the light bars to the secured L-brackets.

4.3. Wiring Connection

1. Connect the two light bars using the 3.9-foot straight cable.
2. Plug the cigarette lighter adapter into your vehicle's 12-24V power outlet.
3. Route the 16.4-foot power cable safely, ensuring it does not interfere with vehicle controls or moving parts.

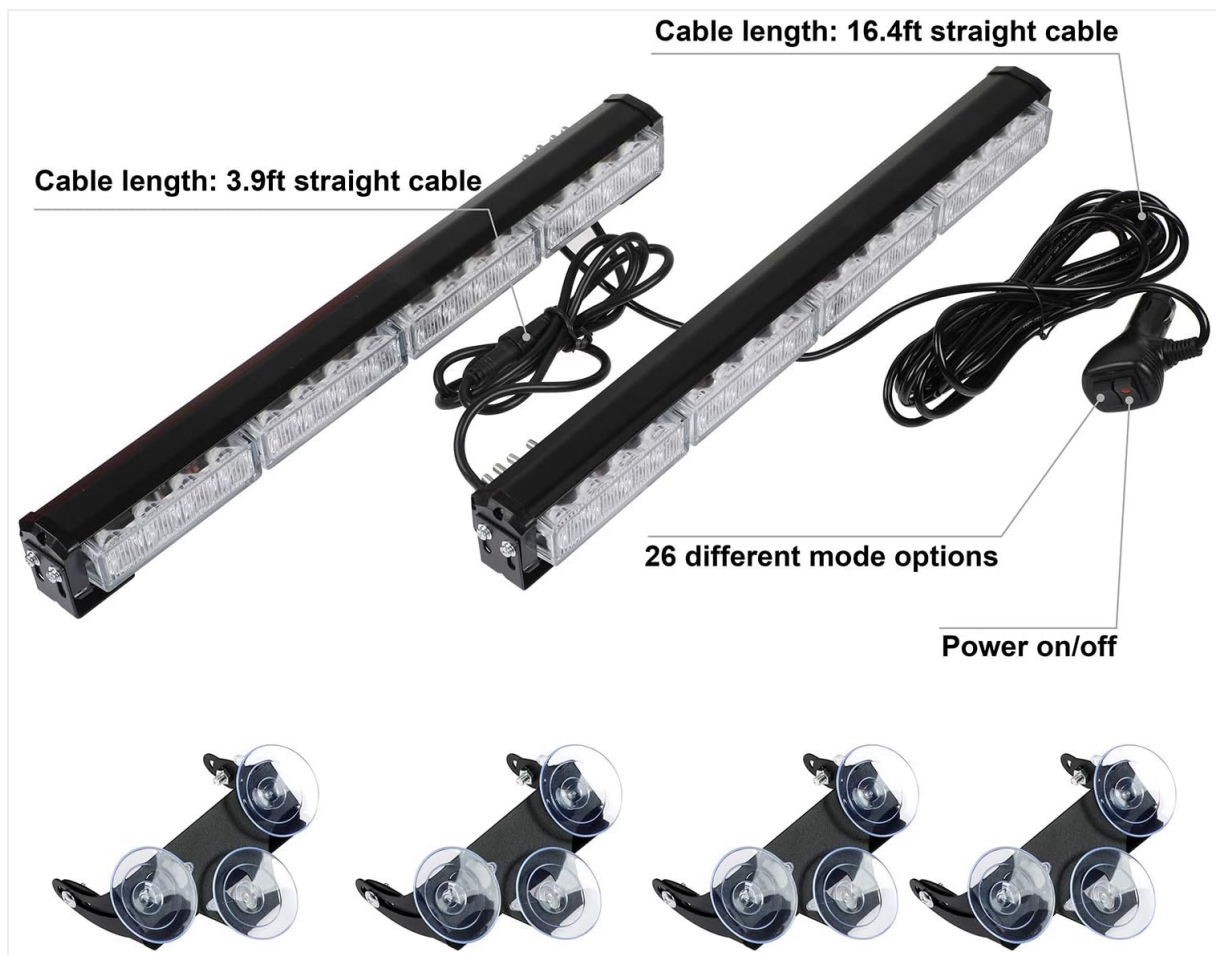


Image 4.3: Detailed view of the light bar wiring, including the 3.9ft light-to-light cable and the 16.4ft power cable leading to the cigarette lighter adapter with dual control buttons.

5. OPERATING INSTRUCTIONS

The ASPL LED Traffic Advisor Strobe Light Bar is controlled via the dual switch on the cigarette lighter adapter.

1. **Power On/Off:** Use the red rocker switch on the cigarette lighter adapter to turn the light bar system on or off.
2. **Change Flash Patterns:** Press the black button on the cigarette lighter adapter to cycle through the 26 available flash patterns.
3. **Memory Function:** The light bar features a last pattern recall/memory function, meaning it will resume the last selected flash pattern when powered on again.



32 super bright high intensity LED with wide optic lenses.

**Bright enough during the day
and plenty bright at night.**

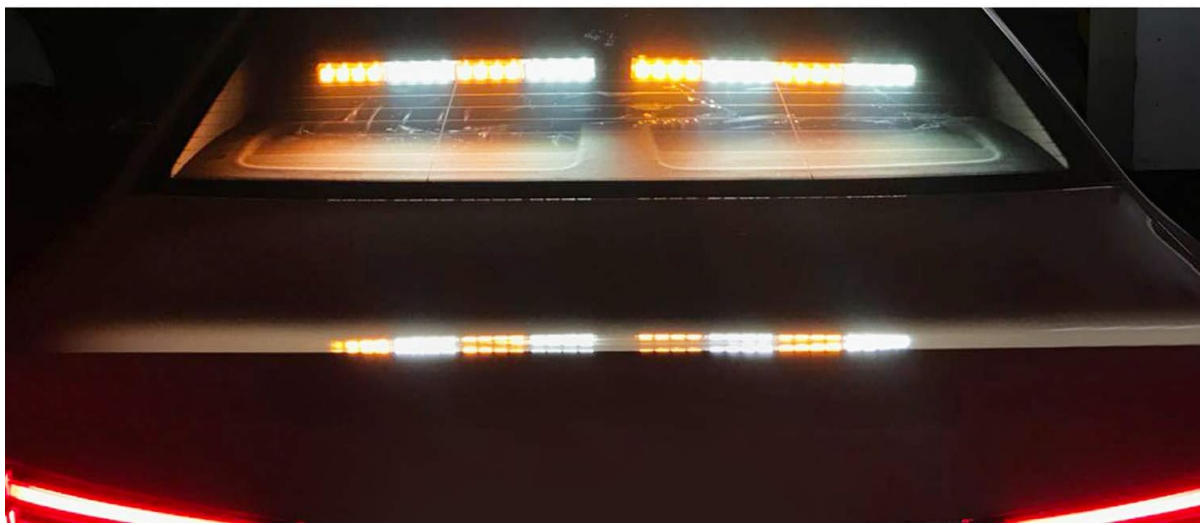


Image 5.1: Visual demonstration of the light bar's high visibility, showcasing its brightness in both daytime and nighttime conditions.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the lenses and housing. Avoid abrasive cleaners or solvents that could damage the plastic or finish.
- **Connection Check:** Periodically inspect all wiring and connections for signs of wear, corrosion, or looseness. Ensure the cigarette lighter plug is securely seated.
- **Suction Cup Care:** If using suction cups, regularly check their adhesion. Clean both the suction cups and the mounting surface to maintain a strong bond.

7. TROUBLESHOOTING

- **Light Bar Not Turning On:**
 - Ensure the cigarette lighter adapter is fully inserted into the vehicle's power outlet.
 - Check the red power switch on the adapter to confirm it is in the 'On' position.
 - Verify that your vehicle's 12-24V power outlet is functioning (e.g., by testing with another device).
 - Inspect the wiring for any visible damage or loose connections.
- **Flash Patterns Not Changing:**

- Press the black pattern selection button firmly.
- Ensure the power is consistently supplied to the unit.
- **Suction Cups Not Holding:**
 - Clean the windshield surface and suction cups thoroughly to remove any dirt or grease.
 - Ensure the surface is smooth and non-porous.
 - If suction cups are stiff, soak them in warm water to restore flexibility before re-applying.

8. SPECIFICATIONS

Feature	Detail
Brand	ASPL
Model Number	Light Bar 2x16.8 inch A W
Color	Amber/White
Light Source Type	LED
Number of LEDs	32
Operating Voltage	12-24V
Power	32W
Operating Temperature	-30 to 65°C
Waterproof Rate	IP67
Lifespan	Over 50,000 hours
Number of Flash Modes	26
Memory Function	Last pattern recall/memory function
Light Bar Size (each piece)	16.8 inches (length)
Cable Length (Light to Light)	3.9 feet
Cable Length (Light to Cigarette Lighter)	16.4 feet
Lens Material	Polycarbonate
Auto Part Position	Upper / Interior
Automotive Fit Type	Universal Fit

9. WARRANTY AND SUPPORT

ASPL products are designed for durability and performance. For specific warranty information, please refer to the product packaging or contact ASPL customer support directly. If you encounter any issues or have questions not covered in this manual, please reach out to ASPL customer service for assistance.

Contact Information: Please visit the official ASPL website or your retailer's support page for the most current contact details.

