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Xprite 52026T-6-WY-8PC

Xprite Alert 6 Series White Amber LED Emergency Strobe Lights Kit User Manual

Model: 52026T-6-WY-8PC

1. Introduction

Thank you for choosing the Xprite Alert 6 Series White Amber LED Emergency Strobe Lights Kit. This manual provides essential information for the proper installation, operation, and maintenance of your new strobe lights. Please read this manual thoroughly before installation and retain it for future reference.

The Xprite Alert 6 Series features an ultra-thin, flush-mount design with super bright, high-intensity LED chips, offering enhanced visibility and performance for various vehicles.



Image 1.1: The Xprite Alert 6 Series LED Strobe Light, emphasizing its super bright output from 6 high-intensity LED chips and flood lens for maximum coverage, ensuring high visibility day or night.



Image 1.2: A side profile view of the Xprite Alert 6 Series LED Strobe Light, illustrating its ultra-thin design with a thickness of approximately 0.37 inches.

2. Package Contents

Please check the package contents upon receipt to ensure all items are present and undamaged:

- 8 x Xprite Alert 6 Series LED Strobe Light Modules
- 8 x Mounting Gaskets
- Mounting Screws (quantity sufficient for all modules)

3. Safety Information

To ensure safe operation and prevent damage, please observe the following safety guidelines:

- **Power Source:** This product is designed for 12V DC vehicle power systems. Do not connect to higher voltage systems.

- **Professional Installation:** If you are unsure about electrical wiring, it is recommended to have the lights installed by a qualified professional.
- **Wiring:** Ensure all wiring is properly insulated and secured to prevent short circuits and damage.
- **Mounting:** Mount the lights securely to prevent them from detaching during vehicle operation.
- **Local Regulations:** Always check local and provincial/state laws regarding the use of emergency and warning lights on vehicles.
- **Heat:** While LEDs produce less heat than traditional bulbs, ensure adequate ventilation around the lights.

4. Setup and Installation

Follow these steps for proper installation of your Xprite Alert 6 Series LED Strobe Lights:

1. **Choose Mounting Location:** Select a flat, secure surface on your vehicle for flush mounting. Ensure there is enough space behind the mounting surface for wiring.
2. **Prepare Surface:** Clean the mounting surface thoroughly to remove any dirt, grease, or debris.
3. **Drill Holes:** Mark the positions for the mounting screws and the wiring pass-through. Carefully drill pilot holes for the screws and a larger hole for the wires.
4. **Wiring Connection:** Connect the wires according to the diagram below. Ensure all connections are secure and insulated.
    - **Red Wire:** Connect to **Positive (+)** 12V DC power source.
    - **Black Wire:** Connect to **Ground (-)**.
    - **Yellow Wire:** Momentarily touch to **Positive (+)** to change flashing patterns.
    - **White Wire:** Connect to the white wire of other light modules for **Synchronization**.
    - **Gray Wire:** Connect to **Positive (+)** for **Static/Steady On** mode.
5. **Mount Lights:** Place the gasket between the light module and the mounting surface. Secure the light module using the provided screws. Do not overtighten.
6. **Test Functionality:** After installation, test all lights and patterns to ensure proper operation.



Image 4.1: Diagram illustrating the easy installation process, including the light module, gasket, mounting screws, and the five featured wires with their respective functions (Positive, Negative, Change Patterns, Sync, Solid/Steady).

5. Operating Instructions

Your Xprite Alert 6 Series LED Strobe Lights offer multiple flashing patterns and synchronization capabilities.

5.1 Changing Flashing Patterns

To cycle through the 18 available flashing patterns, momentarily touch the **Yellow Wire** to the **Positive (+)** power source. Each brief touch will advance to the next pattern. The lights feature a last pattern memory recall function, meaning they will power on to the last selected pattern.

5.2 Synchronization Function

To synchronize multiple light modules, connect the **White Wire** of each light module together. Ensure all white wires are connected before applying positive and negative power to the lights. This will allow all connected lights to flash in unison.



Image 5.1: Visual representation of the 18 strobe patterns available, including steady, random, and alternating modes, along with the last pattern memory recall feature.

6. Maintenance

The Xprite Alert 6 Series LED Strobe Lights are designed for durability and minimal maintenance. They are waterproof, shock, and vibration resistant, built to withstand harsh weather conditions.

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap and water to maintain optimal light output. Avoid abrasive cleaners.
- **Inspection:** Regularly inspect wiring and connections for any signs of wear, corrosion, or damage. Ensure mounting screws remain tight.
- **No User-Serviceable Parts:** Do not attempt to open or repair the light modules, as this will void any potential warranty and may damage the unit.



Image 6.1: Illustration highlighting the waterproof, shock, and vibration resistant features of the Xprite Alert 6 Series LED Strobe Light, designed for durability in harsh conditions.

7. Troubleshooting

If you encounter issues with your strobe lights, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Lights do not turn on	No power, poor ground connection, faulty wiring, blown fuse	Check power supply, ground connection, all wiring, and vehicle fuse. Ensure correct voltage (12V).
Lights not syncing	White wires not connected, poor connection on white wires	Ensure all white wires are securely connected together. Verify connections are made before applying main power.

Problem	Possible Cause	Solution
Cannot change patterns	Yellow wire not making contact with positive, faulty yellow wire	Ensure the yellow wire is momentarily touched to a positive 12V source. Check the integrity of the yellow wire.
One light not working	Faulty unit, wiring issue to that specific light	Check power and ground connections to the individual light. If wiring is correct, the unit may be faulty.

8. Specifications

Feature	Specification
Model Number	52026T-6-WY-8PC
Light Source	LED
Number of LEDs per Module	6 High-Intensity LED Chips
Input Voltage	10-30V DC (Nominal 12V)
Wattage	4.8 Watts per module
Strobe Patterns	18 (including steady, random, alternating)
Special Features	Waterproof, Shock & Vibration Resistant, Last Pattern Memory Recall
Rated Lifetime	Over 50,000 Hours
Cable Length	8.2 FT (approx. 2.5 meters)
Dimensions (approx.)	3.99 in (L) x 1.11 in (W) x 0.37 in (H)
Operating Temperature	Not specified (designed for harsh conditions)
UPC	760249910972



Image 8.1: Diagram detailing key product specifications including dimensions (3.99 in length, 1.11 in width), number of LEDs, voltage, strobe patterns, and cable length.

9. Warranty and Support

For warranty information and customer support, please refer to the retailer's return policy or contact Xprite directly through their official website or the platform where the product was purchased. Please have your model number (52026T-6-WY-8PC) and proof of purchase ready when contacting support.

For more products and information, visit theXprite Store.

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