Maypole 3885B

Maypole 3885B 2-Way Smart Load Device User Manual

Model: 3885B

Introduction

This manual provides essential information for the safe and effective use of the Maypole 3885B 2-Way Smart Load Device for LED Indicators. Please read this manual thoroughly before installation and operation.
The Maypole 3885B is designed to ensure proper functioning of LED indicators in automotive applications, preventing hyper-flashing or non-flashing issues often associated with low-power LED bulbs replacing traditional incandescent bulbs. It provides a suitable load for systems expecting higher current draw.

Image: The Maypole 3885B 2-Way Smart Load Device. This image shows the compact black rectangular unit with multiple wires extending from it, coiled neatly. The device is designed to simulate the electrical load of traditional incandescent bulbs when LED indicators are used.

Safety Information

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure proper insulation of all connections to prevent short circuits.
- Do not exceed the specified voltage (10-30 V) or wattage (1.2-5.0 W) ratings.
- Install the device in a location protected from extreme heat, moisture, and physical damage.

- If unsure about any installation step, consult a qualified automotive electrician.

Setup and Installation

The Maypole 3885B is designed for straightforward installation. Follow these steps carefully:

1. **Identify Wiring:** Locate the wiring for the LED indicators you intend to correct. This device is typically wired in parallel with the LED bulb.
2. **Choose Location:** Select a secure, dry location for mounting the 3885B device. Ensure it is away from moving parts and excessive heat.
3. **Connect Wires:**
    - Connect one wire from the 3885B to the positive (+) wire of the LED indicator circuit.
    - Connect the other wire from the 3885B to the negative (-) or ground wire of the LED indicator circuit.

    Note: The device is non-polarised, meaning the two wires can be connected in either orientation to the positive and negative terminals of the circuit.
4. **Secure Connections:** Use appropriate electrical connectors (e.g., crimp connectors, solder and heat shrink) to ensure secure and insulated connections.
5. **Mount Device:** Securely mount the 3885B device using screws or cable ties through its mounting tabs.
6. **Test Functionality:** Reconnect the vehicle's battery and test the LED indicators to ensure they flash at the correct rate.

Operating Principles

The Maypole 3885B is a passive device that operates by providing an electrical load to the vehicle's flasher relay or body control module (BCM). Modern vehicles are designed to detect bulb outages by monitoring current draw. LED bulbs draw significantly less current than traditional incandescent bulbs, leading the vehicle's system to interpret this as a bulb failure, resulting in hyper-flashing (rapid blinking) or no flashing at all.
By connecting the 3885B in parallel with the LED indicator, it draws additional current, simulating the load of an incandescent bulb. This tricks the vehicle's system into recognizing a proper load, thereby restoring the normal flash rate of the LED indicators.

Maintenance

The Maypole 3885B Smart Load Device is designed to be maintenance-free. However, periodic checks are recommended:

- **Visual Inspection:** Periodically inspect the device and its wiring for any signs of physical damage, corrosion, or loose connections.
- **Connection Integrity:** Ensure all electrical connections remain secure and insulated.
- **Cleanliness:** Keep the device free from excessive dirt or debris, though its sealed design minimizes this concern.

No internal components are user-serviceable. Do not attempt to open the device casing.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
LED indicators still hyper-flash or do not flash.	Incorrect wiring. Loose or corroded connections. Device not properly grounded (if applicable to circuit). Device wattage insufficient for vehicle's system. Faulty LED bulb or vehicle wiring.	Verify wiring according to "Setup and Installation" section. Ensure parallel connection. Check all connections for tightness and cleanliness. Ensure a good ground connection if the circuit requires it. Confirm the 3885B's 1.2-5.0 W range is suitable for your specific LED and vehicle. Some systems may require higher load. Test LED bulbs directly and inspect vehicle wiring for damage.
Device gets hot during operation.	Normal operation (resistors generate heat). Excessive load or continuous operation.	Some heat is normal as the device dissipates power. Ensure adequate ventilation around the device. Verify the device is used within its specified wattage range (1.2-5.0 W). If used for applications requiring continuous high load, consider if this specific device is appropriate.

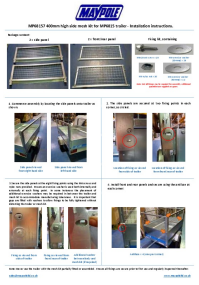
Specifications

- **Model:** 3885B
- **Type:** 2-Way Smart Load Device for LED Indicators
- **Brand:** Maypole
- **Power Rating:** 1.2 - 5.0 Watts
- **Voltage Range:** 10 - 30 Volts DC
- **Dimensions (approximate, device body):** 19.69 x 15.75 x 7.87 inches (Package Dimensions, actual device is smaller) - *Note: Actual device dimensions are not provided, using package dimensions as a reference for scale.*
- **Weight (approximate):** 1.1 pounds (Item Weight, likely including packaging)
- **ASIN:** B00LYCLTHG
- **GTIN:** 05901323102967

Warranty and Support

Specific warranty details for the Maypole 3885B are not provided in this manual. For warranty information or technical support, please refer to the product packaging or contact Maypole customer service directly. Contact information can typically be found on the manufacturer's official website or on the product's retail page.
For general inquiries, you may visit the Maypole brand page on Amazon.

Related Documents - 3885B

	MAYPOLE MP7430 Lithium-Ion Jump Starter Instruction Manual This instruction manual for the MAYPOLE MP7430 Lithium-Ion Jump Starter provides essential details on safe operation, charging, jump-starting vehicles, and technical specifications for this portable power solution.
	Maypole MP7429 Lithium-Ion Jump Starter Instruction Manual Comprehensive instruction manual for the Maypole MP7429 Lithium-Ion jump starter, detailing its features, safety precautions, charging, jump starting procedures, technical specifications, and FAQs.
	Maypole MP5102 Smart Dashcam User Guide User guide for the Maypole MP5102 Smart Dashcam, covering safety instructions, components, product layout, preparation, installation, quick start operation, Wi-Fi connection, video setup menu, hardwire kit compatibility, and technical specifications.
	Maypole 500A Power Pack (MP7433) User Guide: Jump Starter & Charger Comprehensive user guide for the Maypole 500A Power Pack (MP7433). Learn how to safely jump start vehicles, charge devices via USB, and understand product features, safety instructions, and technical specifications.
	Maypole MP68157 400mm High Side Mesh Kit for MP6815 Trailer - Installation Guide Step-by-step installation instructions for the Maypole MP68157 400mm high side mesh kit, designed for the MP6815 trailer. Includes package contents, fixing details, and assembly guidance.
	Maypole MP7423 6V/12V 4A Electronic Smart Charger: Instruction and Information Manual Comprehensive instruction and information manual for the Maypole MP7423 6V/12V 4A Electronic Smart Charger. Covers safety, usage, charging steps, troubleshooting, and technical specifications for Lead-Acid and AGM batteries.