MICTUNING MIC-06-094

MICTUNING 60-Inch Foldable Triple LED Tailgate Light Bar User Manual

Model: MIC-06-094 | Brand: MICTUNING

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MICTUNING 60-Inch Foldable Triple LED Tailgate Light Bar. Please read this guide thoroughly before installation and use to ensure proper function and safety. This product is designed to enhance vehicle visibility and safety with multiple lighting functions.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Verify local regulations regarding auxiliary lighting before installation.
- Professional installation is recommended if you are unfamiliar with automotive electrical systems.
- Do not modify the product in any way, as this may void the warranty and compromise safety.

3. PRODUCT OVERVIEW

The MICTUNING 60-Inch Foldable Triple LED Tailgate Light Bar is an IP68 waterproof lighting solution designed for various vehicles. It features a durable aluminum frame for efficient heat dissipation and a triple-row LED design for enhanced brightness.

Key Features:

- **Multifunctional Lighting:** Provides full functions for brake (bright red), sequential turn signal (amber), running (low red), reverse (white), and emergency strobe (flash amber).
- **High Brightness:** Equipped with 864 premium 2835SMD LED chips for superior visibility.
- **Durable Construction:** Features a heavy-duty aluminum frame for robust structure and effective heat dissipation.
- **IP68 Waterproof:** Fully sealed silicone housing ensures reliable performance in various weather conditions.
- **Foldable Design:** Allows for flexible installation without left or right division.

What's in the Box:

- Tri-row LED Tailgate Light Bar (2 pieces, 30 inches each)
- 4-Way Flat Connector Wire

- Mounting Hardware

Figure 1: MICTUNING 60-Inch Triple LED Tailgate Light Bar and included 4-Way Flat Connector Wire.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your tailgate light bar. Ensure your vehicle's surface is clean and dry before applying adhesive.

Installation Steps:

1. **Prepare the Surface:** Clean the mounting area on your tailgate thoroughly to remove any dirt, dust, or grease. Ensure the surface is completely dry.

2. **Peel Adhesive Tape:** Carefully peel off the protective backing from the self-adhesive tape on the back of the light bar.

3. **Position and Stick:** Align the light bar to the desired position on your tailgate. Press firmly along the entire length of the light bar to ensure strong adhesion. The foldable design allows for flexible placement without specific left/right orientation.

4. **Connect Wiring:** Utilize the included 4-Way Flat Connector Wire. Connect the light bar's connector to your vehicle's existing 4-way flat trailer wiring harness. Pay close attention to the function of each wire (ground, running light, left turn/brake, right turn/brake, reverse, strobe) and connect them correctly.

5. **Secure Reverse Wire (if applicable):** For full functionality, the reverse light wire (typically red) needs to be hardwired to your vehicle's reverse light circuit.

6. **Test Functionality:** After all connections are made, test all lighting functions (running, brake, turn signals, reverse, strobe) to ensure they operate correctly.

INSTALLATION STEPS

1 PEEL OFF THE ADHESIVE TAPE

2 STICK IT ON THE TAILGATE
NO NEED TO DIFFERENTIATE LEFT OR RIGHT

3 BONUS 4-WAY FLAT CONNECTOR WIRE, PLUG AND PLAY

NOTICE:
For some special vehicles, please use the 4-Way Flat Connector Wire (included) to connect when the lights can't work normally. If it is still incompatible after wiring, pls buy our Taillight Converter

Figure 2: Visual guide for peeling adhesive, sticking the light bar, and connecting the 4-way flat connector.

Wiring Considerations:

- **4-PIN Connection:** For vehicles 2014 and older, plug directly into the 4-pin plug and hardwire the reverse wire.
- **Hardwire to Tail Light:** For 2018-2021 Chevy Silverado/GMC Sierra, hardwiring to the tail light may be necessary. A tail light converter (B0D5LZDJV2) might assist.
- **7-PIN Plug-n-Play:** For 2005-2014 F150, Silverado/Sierra, RAM, and 2007-2021 Tundra, a 7-pin adapter (B0DLBBJ739) can be used for plug-and-play installation.

- **Incompatibility:** If lights do not function normally, use the included 4-Way Flat Connector Wire. If incompatibility persists, a tail light converter (B0C7G7ZHC4) may be required.

Installation Video:

Video 1: This video demonstrates the features of the Triple Tailgate Light Bar, including its aluminum frame, IP68 waterproof rating, and various lighting modes, providing a visual guide for understanding the product's capabilities and installation considerations.

5. OPERATING INSTRUCTIONS

The MICTUNING Triple LED Tailgate Light Bar offers five distinct lighting modes that synchronize with your vehicle's signals.

Lighting Modes:

- **Running Light:** Emits a low red light when your vehicle's running lights are active.
- **Brake Light:** Illuminates a bright red light when the brake pedal is pressed.
- **Sequential Turn Signal:** Displays an amber light that illuminates sequentially from the center outwards in the direction of the turn.
- **Reverse Light:** Activates a bright white light when the vehicle is in reverse.
- **Strobe Light:** Flashes an amber light for emergency situations or hazard warning.

Figure 3: Illustration of the five distinct lighting modes: Sequential Turn Signal, Strobe, Brake, Running, and Reverse.

Operation Video:

Video 2: This video showcases the MICTUNING 60-Inch Triple LED Tailgate Light Bar in action, demonstrating its various lighting functions including sequential turn signals, brake lights, running lights, and reverse lights on a vehicle.

6. MAINTENANCE

The MICTUNING tailgate light bar is designed for durability and minimal maintenance. Regular cleaning will help maintain its appearance and performance.

- **Cleaning:** Use a soft cloth and mild soap with water to clean the light bar. Avoid abrasive cleaners or solvents that could damage the housing or LED lenses.
- **Inspection:** Periodically check the wiring connections for any signs of wear, corrosion, or looseness. Ensure the adhesive remains secure.
- **Waterproof Rating:** The IP68 rating ensures protection against dust and water immersion. However, avoid directing high-

pressure water jets directly at the light bar for extended periods.

Figure 4: The light bar demonstrating its IP68 waterproof capability, submerged in water.

7. TROUBLESHOOTING

If you encounter issues with your MICTUNING tailgate light bar, refer to the following common problems and solutions:

- **Lights Not Functioning:**

  - Check all wiring connections for proper contact and ensure they are not loose or corroded.
  - Verify that the vehicle's trailer wiring harness is receiving power.
  - Ensure the reverse wire is correctly hardwired to the vehicle's reverse light circuit.
  - For some vehicles, especially newer models, a tail light converter (e.g., B0C7G7ZHC4) may be necessary to resolve electrical incompatibility issues.

- **Incorrect Light Function (e.g., brake light acts as turn signal):**

- Recheck the wiring connections to ensure each wire is connected to its corresponding function on the vehicle's harness.
- Ensure the 4-Way Flat Connector is fully seated and making good contact.

- **Dim or Flickering Lights:**

  - Inspect for loose connections or damaged wiring.
  - Check the vehicle's electrical system for sufficient voltage supply.

- **Adhesive Not Holding:**

  - Ensure the mounting surface was thoroughly cleaned and dry before installation.
  - Apply additional automotive-grade adhesive or use the provided mounting hardware for a more secure attachment.

8. SPECIFICATIONS

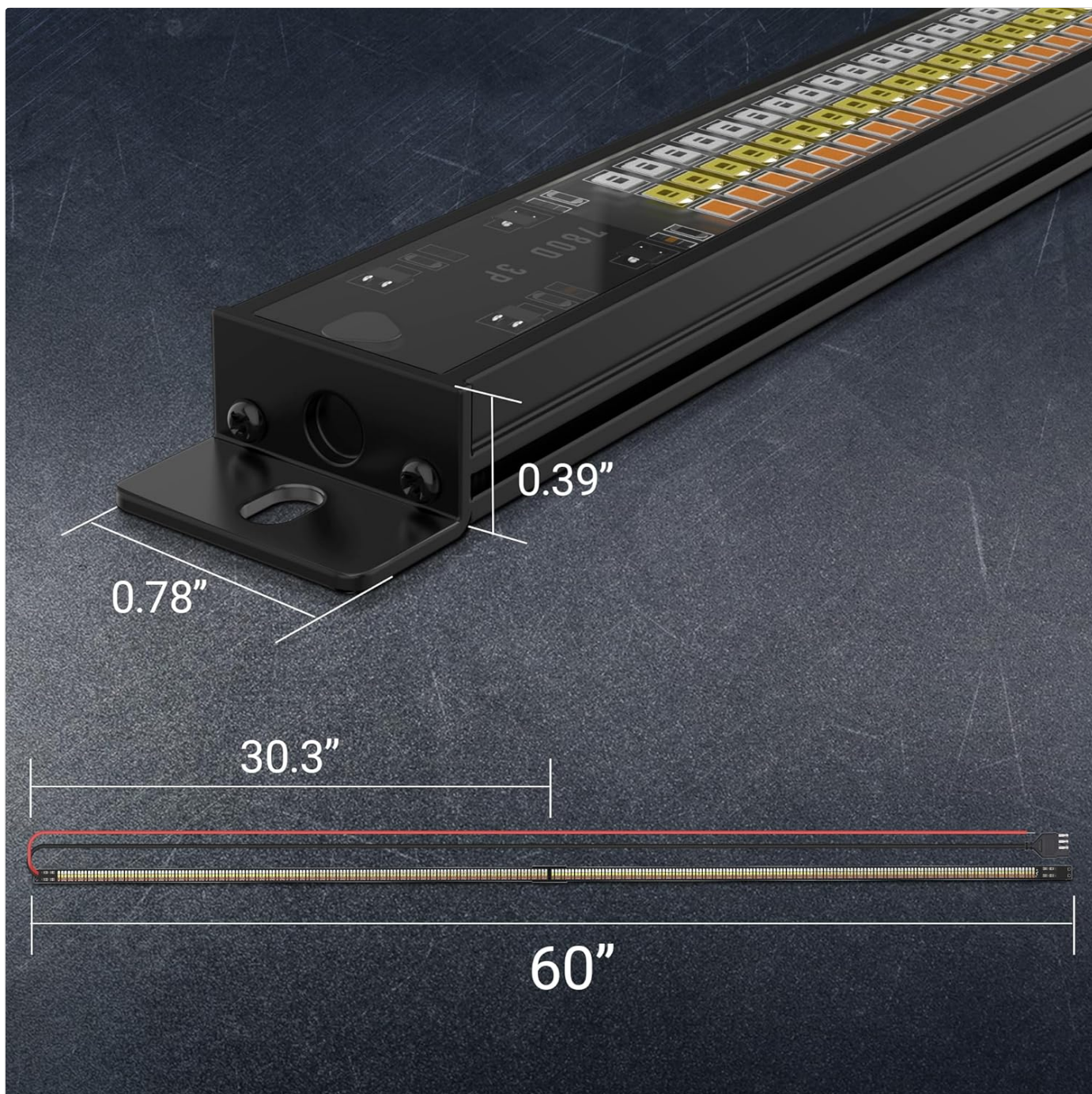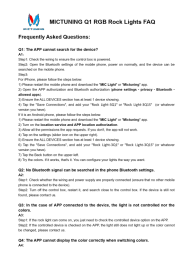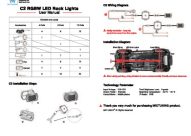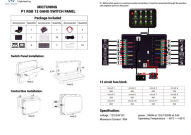| Feature	Specification
Model Number	MIC-06-094
Dimensions (L x W x H)	60 x 1.5 x 1.7 inches (152.4 x 3.81 x 4.32 cm)
Item Weight	1.54 pounds (0.7 kg)
Material	Aluminum
Water Resistance Level	IP68 Waterproof
LED Quantity	864 pcs (2835SMD)
Light Functions	Brake, Sequential Turn Signal, Running, Reverse, Strobe
Connector Type	4-Way Flat Connector
Automotive Fit Type	Universal Fit
Average Life	2000 Hours

Figure 5: Detailed dimensions of the MICTUNING tailgate light bar.

9. WARRANTY AND SUPPORT

MICTUNING products are designed for quality and reliability. For specific warranty details, please refer to the warranty card included with your product or visit the official MICTUNING website. If you require technical assistance or have questions regarding your product, please contact MICTUNING customer support through their official channels.

For additional information and support, you may visit the MICTUNING Store on Amazon.

Related Documents - MIC-06-094

[MICTUNING Q1 RGB Rock Lights FAQ](#)

Frequently asked questions and answers regarding the MICTUNING Q1 RGB Rock Lights, covering app connectivity, Bluetooth signals, color control, flashing lights, and power status.

[MICTUNING C3 RGBW LED Rock Lights - Installation and User Manual](#)

Comprehensive guide for MICTUNING C3 RGBW LED Rock Lights, covering installation, wiring, control box operation, Bluetooth APP features, and troubleshooting. Enhance your vehicle with customizable multi-color lighting.

[MICTUNING Q1 RGBW LED Rock Lights User Manual and Installation Guide](#)

Comprehensive user manual and installation guide for MICTUNING Q1 RGBW LED Rock Lights. Includes product specifications, installation steps, wiring diagrams, and accessory details for 4-pod and 8-pod kits.

[MICTUNING C2 RGBW LED Rock Lights User Manual](#)

Comprehensive user manual for the MICTUNING C2 RGBW LED Rock Lights, covering installation, wiring, technical specifications, and troubleshooting.

[MICTUNING P1 RGB 12 Gang Switch Panel User Guide](#)

Comprehensive guide for the MICTUNING P1 RGB 12 Gang Switch Panel, covering installation, wiring, lighting modes, and troubleshooting.

[MICTUNING P1s APP Control Switch Panel User Manual](#)

Detailed user manual for the MICTUNING P1s APP Control Switch Panel. Covers installation guides for switch panels and control boxes, comprehensive wiring diagrams for 8-gang and 12-gang configurations, fuse block specifications, control mode settings (Constant, Momentary, Strobe), Bluetooth app integration, backlight customization, and frequently asked questions. Essential guide for automotive accessory installation.