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INJORA 4M-26

INJORA 16-LED Roof Light Bar Instruction Manual

Model: 4M-26 | Brand: INJORA

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your INJORA 16-LED Roof Light Bar. Designed specifically for the TRX4M Defender 1/18 RC Crawler, this light bar enhances visibility and adds a realistic scale appearance to your model. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

Product Overview

The INJORA 16-LED Roof Light Bar features high-brightness white LEDs, housed in a durable metal casing. It is designed to provide optimal illumination for your RC crawler, especially in low-light conditions. The light bar includes mounting hardware for secure attachment and a JR wire for power connection.



Image: The INJORA 16-LED Roof Light Bar, showcasing its sleek design and integrated wiring.

Key Features:

- 16 high-brightness white LEDs for enhanced visibility.
- Durable metal light housing and support brackets.
- Includes screws and nuts for secure mounting.

- Optimal brightness and heat generation with 5V-7V input voltage.
- Comes with a 1-to-2 JR wire (Red +, Brown -) for receiver power.
- Perfectly sized for TRX4M 1/18 Defender bodies.

Package Contents

Verify that all components are present in your package:



Image: All components included in the package: the light bar, mounting brackets, screws, nuts, and the 1-to-2 JR wire.

- 1x INJORA 16-LED Roof Light Bar
- 2x Metal Mounting Brackets
- 4x Screws
- 4x Nuts
- 1x 1-to-2 JR Wire (Red +, Brown -)

Setup and Installation

Follow these steps to properly install your INJORA Roof Light Bar:

1. **Prepare the Mounting Location:** Identify the desired mounting position on the roof of your TRX4M Defender 1/18 RC Crawler. Ensure the surface is clean and free of debris.
2. **Measure and Mark:** Use the provided dimensions (refer to the image below) to accurately mark the drilling points for the mounting brackets on your RC crawler's roof.

3. **Drill Mounting Holes:** Carefully drill small pilot holes at the marked locations. Ensure the drill bit size is appropriate for the provided screws to avoid damaging the body.
4. **Attach Mounting Brackets:** Secure the metal mounting brackets to the light bar using the included screws and nuts.
5. **Mount the Light Bar:** Position the light bar with attached brackets onto the drilled holes on the RC crawler's roof. Secure it firmly using the remaining screws and nuts.
6. **Connect Power:** Connect the 1-to-2 JR wire to the light bar's power input. Then, connect the other end of the JR wire to an available port on your RC crawler's receiver. Ensure correct polarity (Red for positive, Brown for negative).
7. **Cable Management:** Route the wiring neatly and securely to prevent interference with moving parts or damage during operation.



Image: Diagram showing the precise dimensions of the light bar (63.5mm / 2.48in LED section, 77.8mm / 3.06in total width with mounts) to assist with accurate installation.

Operation

Once installed and connected to your RC crawler's receiver, the INJORA 16-LED Roof Light Bar will typically activate when power is supplied to the receiver. The light bar is designed for continuous illumination when powered.



Image: The INJORA Roof Light Bar fully installed and illuminated on a 1/18 scale RC crawler, demonstrating its bright output.

- **Power On/Off:** The light bar's operation is synchronized with your RC crawler's main power system. Turn on your RC crawler to activate the lights.
- **Optimal Voltage:** The light bar is designed for optimal brightness and minimal heat generation when the input voltage is between 5V and 7V. Ensure your receiver provides power within this range.

Maintenance

To ensure the longevity and performance of your INJORA Roof Light Bar, follow these simple maintenance guidelines:

- **Cleaning:** Periodically clean the light bar's surface and LEDs with a soft, dry cloth to remove dust and dirt. Avoid abrasive cleaners or solvents.
- **Inspection:** Regularly check the mounting screws and wiring connections to ensure they remain secure. Tighten

any loose fasteners.

- **Storage:** When not in use for extended periods, store the RC crawler in a clean, dry environment away from extreme temperatures.

Troubleshooting

If you encounter issues with your INJORA Roof Light Bar, refer to the following common problems and solutions:

- **Lights Not Turning On:**
  - Check all wiring connections to ensure they are secure and correctly plugged into the receiver.
  - Verify that your RC crawler's receiver is powered on and functioning correctly.
  - Ensure the JR wire is connected with the correct polarity (Red +, Brown -).
- **Lights Are Dim or Flickering:**
  - Confirm that the input voltage from the receiver is within the optimal range of 5V-7V.
  - Inspect the wiring for any damage or loose connections that might be causing intermittent power.
- **Light Bar is Loose:**
  - Tighten the mounting screws and nuts securing the light bar to the RC crawler's roof.

Specifications

Brand	INJORA
Model Number	4M-26
Color	White (LEDs) / Black (Housing)
Shape	Rectangular
Material	Metal
Finish Type	Unfinished Metal
Light Source Type	Light Emitting Diode (LED)
Voltage	5V-7V (Optimal)
Number of Light Sources	16
Mounting Type	Vehicle Mount
Product Dimensions	77.8mm L x 3.06"W x 3.06"H (approx. 3.06"L x 0.39"W x 0.39"H for light bar section)
Item Weight	0.317 ounces (approx. 0.01 Kilograms)
Batteries Required	No (Powered by RC vehicle receiver)

Warranty and Support

For any questions, technical assistance, or warranty inquiries regarding your INJORA 16-LED Roof Light Bar, please contact INJORA customer support through their official channels or the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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