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LINKITOM LK-A140-2

LINKITOM 40 LED Truck Tail Light Bar Instruction Manual

Model: LK-A140-2

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LINKITOM 40 LED Truck Tail Light Bar. Please read this manual thoroughly before installation and use to ensure proper function and safety. This product is designed for 10-30 Volt vehicle systems.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Verify that the operating voltage of your vehicle (10-30V DC) is compatible with this product.
- Professional installation is strongly recommended to avoid issues caused by inexperienced installation.
- Mount the light bar securely to prevent detachment during vehicle operation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LINKITOM 40 LED Truck Tail Light Bar
- Mounting bolts and screws
- Gasket

4. SPECIFICATIONS

Feature	Description
Brand	LINKITOM
Model Number	LK-A140-2
Light Source Type	40 Hi-intensity Rectangular 3-colored LED
Voltage	10-30 Volts DC
Wattage	8 watts
Waterproof Rate	IP65
Material	PC lens, ABS housing, Iron Net protection, Iron bracket base
Dimensions (approx.)	34.29 x 15.49 x 5.08 cm (13.58 x 6.1 x 2 inches)
Weight (approx.)	454 g (1 lb)
Compliance	DOT standards (with red reflection in red lens portion)
Vehicle Service Type	5-wire system vehicles (e.g., RVs, campers, trailers, trucks, UTEs, UTVs, boats, snowmobiles)

Note: This product is not compatible with vehicles that have combined brake and turn signal circuits on a single wire.

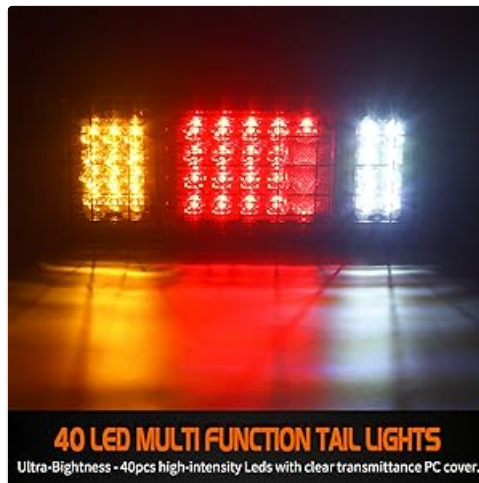


Image: Product dimensions of the LINKITOM 40 LED Truck Tail Light Bar, showing a length of 13.58 inches, height of 6.1 inches, and depth of 2 inches.

5. SETUP AND INSTALLATION

The LINKITOM 40 LED Truck Tail Light Bar is designed for surface mounting and uses a 5-wire connection system. Follow these steps for installation:

1. **Mounting:** Position the light bar on a flat surface at the rear of your vehicle. Use the provided bolts, screws, and gasket to securely fasten the light bar. Ensure the mounting location allows for clear visibility of the light functions.
2. **Wiring:** Connect the light bar to your vehicle's electrical system according to the following wire color code. It is crucial to match these connections correctly.



Image: Wire connection diagram for the tail light bar.

- **Black Wire:** Ground (Negative)
- **Red Wire:** Brake Light
- **Green Wire:** Tail/Running Light
- **White Wire:** Reverse Light
- **Yellow Wire:** Turn Signal Light

After making connections, ensure they are insulated and protected from environmental elements. Test all light functions before operating the vehicle.

6. OPERATING INSTRUCTIONS

Once properly installed and wired, the LINKITOM 40 LED Truck Tail Light Bar operates automatically with your vehicle's electrical system. The light bar provides high visibility for various functions:

- **Turn Signal Light:** The yellow LEDs will flash when the vehicle's turn signal is activated.
- **Brake Light:** The red LEDs will illuminate brightly when the vehicle's brake pedal is pressed.
- **Tail/Running Light:** The red LEDs will illuminate at a lower intensity when the vehicle's headlights or running lights are on.
- **Reverse Light:** The white LEDs will illuminate when the vehicle is shifted into reverse.

The 40 high-intensity LEDs ensure clear visibility in various conditions, including daylight, nighttime, rain, or fog, enhancing driver security and helping to prevent accidents.



Image: Illustration of tail light function modes.



Image: The 40 LED multi-function tail light bar illuminated.



Image: LINKITOM 40 LED Truck Tail Light Bars installed on a vehicle.

7. MAINTENANCE

The LINKITOM 40 LED Truck Tail Light Bar is designed for durability and minimal maintenance:

- **Waterproof Design:** With an IP65 waterproof rating, the light bar is protected against dust and water ingress, allowing it to function reliably in heavy rain or snow.
- **Durable Construction:** The light features a thickened and reinforced iron bracket base, a durable polycarbonate lens, and an ABS housing with iron net protection, contributing to its longevity in harsh environments.
- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap solution to ensure maximum light output. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly check the mounting bolts for tightness and inspect the wiring for any signs of wear or damage.



Image: IP65 waterproof rating demonstration.

8. TROUBLESHOOTING

If you encounter issues with your LINKITOM 40 LED Truck Tail Light Bar, refer to the following common problems and solutions:

- **Light Bar Not Functioning:**

- Check all wire connections to ensure they are secure and correctly matched (Ground, Brake, Tail/Running, Reverse, Turn Signal).
- Verify that the vehicle's power supply is within the 10-30 Volt DC range.
- Inspect the vehicle's fuses related to the tail lights and turn signals.
- Ensure the black ground wire has a solid connection to the vehicle's chassis.

- **Incorrect Light Function:**

- Double-check the wire connections against the diagram in Section 5. Incorrect wiring can lead to functions activating improperly (e.g., brake light activating with turn signal).

- **Compatibility Issue:**

- This light bar is designed for 5-wire systems. It will **not work** with vehicles that have brake lights and turn signals on a single circuit (e.g., some older vehicles or specific wiring configurations). If your vehicle has a combined brake/turn signal wire, an adapter or re-wiring may be necessary, or this product may not be suitable.

- **Dim or Flickering Lights:**

- Check for loose connections or corrosion at the wiring terminals.
- Ensure adequate voltage is reaching the light bar. A low voltage supply can cause dimming.

If problems persist after following these steps, it is recommended to consult a qualified automotive electrician.

9. WARRANTY AND SUPPORT

Specific warranty information for the LINKITOM 40 LED Truck Tail Light Bar is not provided in this manual. For warranty details or technical support, please refer to the product packaging or contact the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.

