

Kewig K7-C1U4

Kewig K7-C1U4 4.5 Inch Motorcycle Auxiliary LED Fog Light Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Kewig K7-C1U4 4.5 Inch Motorcycle Auxiliary LED Fog Light Kit. This product is designed to enhance visibility and safety for various vehicles, including motorcycles, Jeeps, cars, and trucks, through its powerful amber and white light modes and robust construction.

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.
- Mount the lights securely to avoid vibration and potential detachment during vehicle operation.
- Do not look directly into the LED lights when they are active, as this may cause eye strain or damage.
- Verify that the vehicle's electrical system can support the additional power draw of the lights (90W per light, up to 15 amps for both lights combined).
- Consult local regulations regarding auxiliary lighting installation and usage.


3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.


- 2 x Kewig 4.5 Inch Auxiliary LED Fog Lights
- 2 x Mounting Brackets
- 1 x Wiring Harness with Fuse Box and Switch
- 3 sets of Handlebar Sleeves (22mm, 25.4mm, 28.6mm)

- Installation Hardware (screws, nuts, washers)


EXPLORE FURTHER AND SAFER




Power
90W



Lumens
9000 LM

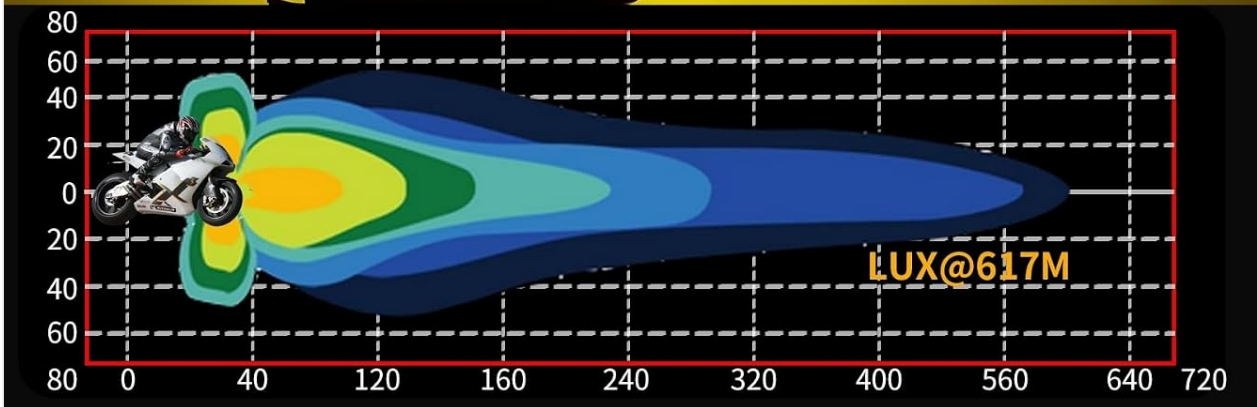


Lifespan
50,000hrs+



Near 270°

Side shooter Light



LUX@617M

Image: Components of the Kewig K7-C1U4 auxiliary LED fog light kit, including two lights, wiring harness, and mounting hardware.

4. SPECIFICATIONS

Feature	Specification
Brand	Kewig
Model Number	K7-C1U4
Light Source Type	LED
Wattage	90 Watts (per light)

Lumens	9000 LM (per light)
Voltage	12-15 Volts
Light Color	Amber/White (Switchable)
Color Temperature	3000K/6000K
Waterproof Rating	IP68
Housing Material	CNC Aluminum Alloy
Lens Material	High Borosilicate Optical Lenses
Dimensions (approx.)	4.5 inch (112mm) diameter, 62mm depth
Lifespan	50,000+ hours



Image: Detailed dimensions of the Kewig K7-C1U4 auxiliary light and a visual representation of its five lighting effects.



Image: Diagram showing the product dimensions and the three sizes of non-slip rubber sleeves (22mm, 25.4mm, 28.6mm) for handlebar mounting.

IP68 WATERPROOF

All lights are burn-in, waterproof, dustproof and shockproof tested before leaving the factory.

The main image features a large, black, circular auxiliary light with five LED chips arranged in a circular pattern. The light is shown splashing in water, emphasizing its waterproof capabilities. The Kewig logo is visible on the mounting bracket and the light body. Below the main image are three small inset images: the first shows a motorcycle with the light mounted on the handlebars; the second shows a close-up of the light on a motorcycle; the third shows a car with the light mounted on the roof.

Image: Illustration of the efficient cooling design with a honeycomb structure and CNC aluminum housing for heat dissipation.

MULTI-POSITION MOUNTING FOR YOUR EVERY NEED



Image: The Kewig K7-C1U4 light being sprayed with water, demonstrating its IP68 waterproof rating.

Your browser does not support the video tag.

Video: A demonstration of the Kewig Auxiliary Fog LED Light's IP68 waterproof capabilities.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of your Kewig K7-C1U4 auxiliary LED fog lights.

5.1 Mounting the Lights

1. **Select Mounting Location:** Choose a suitable location on your vehicle (e.g., handlebars, crash bars, bumper) that provides clear light projection and does not obstruct other vehicle functions.
2. **Attach Brackets:** Secure the mounting brackets to the chosen location. For handlebars, select the appropriate size sleeve (22mm, 25.4mm, or 28.6mm) to ensure a snug fit.
3. **Mount Lights:** Attach the LED fog lights to the brackets using the provided hardware. Adjust the angle

for optimal beam direction.



Image: Examples of multi-position mounting options for the Kewig K7-C1U4 lights on various vehicles like ATVs, Jeeps, SUVs, and motorcycles.



Image: A visual guide demonstrating the process of attaching the light to the mounting bracket and connecting the wiring harness.

5.2 Wiring Connection

The auxiliary light kit includes a dedicated wiring harness for simplified installation.

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery.
2. **Connect to Battery:** Connect the red wire from the wiring harness to the positive (+) terminal of the battery and the black wire to the negative (-) terminal. The harness includes a fuse box for protection.
3. **Connect to ACC (Accessory Power):** Connect the yellow wire from the harness to an ACC (accessory) power source on your vehicle. This ensures the lights turn off with the ignition.

4. **Connect Lights to Harness:** Use the quick-connect plugs to attach each LED fog light to the main wiring harness.
5. **Install Switch:** Mount the control switch in an easily accessible location on your handlebars or dashboard.
6. **Reconnect Battery:** Once all connections are secure, reconnect the negative terminal of the battery.



Image: Diagram illustrating the wiring harness connections, including quick connects, fuse box, and battery terminals.

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Video: A step-by-step guide demonstrating the installation process of the Kewig auxiliary lights on a motorcycle.

6. OPERATING INSTRUCTIONS

The Kewig K7-C1U4 features a multi-function switch to control five distinct lighting modes:



Image: Visual guide for installing the control switch and a description of its single-click, double-click, and overtaking light functions.

- **Single Click:**
 - First click: Activates Low Beam (Amber or White, depending on previous setting).
 - Second click: Switches to High Beam (Amber or White).
 - Subsequent clicks: Cycles between Low Beam and High Beam.
- **Double Click:** Enters the burst warning light mode, cycling through different flashing patterns.
- **Overtaking Light Switch:** When connected to an ACC power source, this function allows for a momentary flash of the lights, typically used for signaling.
- **Daytime Running Light Mode:** Provides a constant, lower intensity light for improved daytime visibility.
- **Breathing Light Mode:** Creates a gradual transition from light to dark and back to bright, offering a unique visual effect.

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Video: A demonstration of the Kewig Driving Light's various modes and effects when mounted on a motorcycle.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED fog lights.

- **Cleaning:** Periodically clean the lenses with a soft cloth and mild soap solution to remove dirt and debris. Avoid abrasive cleaners that could scratch the lens.
- **Connection Check:** Annually inspect all wiring connections for corrosion or looseness. Ensure the quick-connect plugs are fully seated.
- **Mounting Security:** Verify that the lights and brackets remain securely fastened to the vehicle. Tighten any loose bolts or screws.
- **Heat Dissipation:** Ensure the heat sink fins on the back of the lights are free from obstruction to allow for proper cooling.

8. TROUBLESHOOTING

Refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Lights do not turn on	Loose wiring connection, blown fuse, insufficient power supply, faulty switch.	Check all wiring connections, inspect the fuse in the harness and replace if blown, ensure battery voltage is adequate, test the switch for functionality.
Lights flicker or dim	Loose connection, low battery voltage, excessive power draw on vehicle's electrical system.	Verify connections, check vehicle's charging system and battery health. Ensure the vehicle's electrical system can handle the 15 amp draw when both lights are on.
Lights overheat and turn off	Insufficient airflow to heat sinks, prolonged use in extreme temperatures, faulty unit.	Ensure heat sinks are clear of obstructions. If the issue persists, contact customer support for assistance.
Horn feature not working (if applicable)	Incorrect wiring to horn circuit.	Review wiring diagram and ensure the horn wire from the harness is connected to the correct horn signal wire on your vehicle. Some vehicles may require swapping to an alternative horn wire.

9. WARRANTY AND SUPPORT

Kewig products are manufactured to high-quality standards. For specific warranty details, please refer to the product packaging or contact Kewig customer support directly. If you encounter any issues not covered in this manual, or require further assistance, please visit the official Kewig store or contact their customer service department.

Kewig Official Store: [Visit Kewig Store on Amazon](#)