

Future Eyes X100

Future Eyes X100 LED Motorcycle Fog Lights Auxiliary Lights Driving Lights User Manual

Model: X100 | Brand: Future Eyes

1. INTRODUCTION

Thank you for choosing the Future Eyes X100 LED Motorcycle Fog Lights. These auxiliary lights are designed to enhance your motorcycle's visibility and safety with superior optical performance, robust construction, and versatile lighting modes. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your lights.

2. SAFETY INFORMATION

- Always disconnect the motorcycle's battery before beginning any electrical installation.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Mount the lights securely to prevent vibration and potential detachment during operation.
- Properly aim the lights to avoid blinding oncoming traffic. Refer to local regulations for light aiming.
- Do not look directly into the LED lights when they are active, as this can cause eye strain or damage.
- If you are unsure about any installation steps, consult a qualified motorcycle technician.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 x Motorcycle Spotlights (Future Eyes X100)
- 1 x Power Cord
- 1 x Wiring Harness with Switch
- 2 x Mounting Brackets
- Screws and Fasteners
- User Manual



Image: What you get - Future Eyes X100 package contents.

Your browser does not support the video tag.

Video: Future Eyes X100 auxiliary Driving lights Unboxing. This video shows the contents of the product package.

4. SPECIFICATIONS

Feature	Detail
Model Number	X100
Brand	Future Eyes
Light Source Type	LED
Wattage	180 watts (total)
Material	Aluminum (CNC machined)
Shade Material	Glass (Blue-coated optical glass lenses)
Waterproof Rating	IP67
Mounting Type	Bracket Mount (360° adjustable)
Special Features	Strobe, Left/Right Flash, Warning DRL modes, Safety Side-Fill Technology, Dual-Beam Configuration
Operating Temperature	-30°C to 60°C

5. SETUP AND INSTALLATION

The Future Eyes X100 lights are designed for quick and versatile installation. Follow these steps for proper setup:

5.1 Mounting the Lights

- 1. Choose Mounting Location:** Select a suitable location on your motorcycle's crash bars or other stable points. The adjustable bracket is compatible with bars from 0.708 to 1.25 inches in diameter.

2. **Attach Clamp:** Securely attach the mounting clamps to your chosen location.
3. **Attach Bracket:** Connect the light unit to the mounting bracket using the provided screws.
4. **Adjust Angle:** The bracket allows for 360° adjustment (up/down) and 180° (left/right) to achieve the desired beam angle. Adjust the lights to ensure they do not interfere with steering or suspension.
5. **Tighten:** Once the desired position and angle are set, securely tighten all screws to prevent movement during riding.



Image: 4-Step Easy Installation Guide.



Image: Adjustable Mounting Bracket details.

5.2 Wiring Diagram

The wiring harness is designed for straightforward connection. Ensure the ACC wire is connected to protect the battery and prevent power loss.

- Connect the **Red wire** to the positive (+) terminal of your motorcycle's battery.
- Connect the **Black wire** to the negative (-) terminal of your motorcycle's battery.
- Connect the **ACC wire** to an ignition-switched power source (e.g., a fuse box accessory circuit) to ensure the lights turn off with the ignition, preventing battery drain.
- Connect the light units to the wiring harness using the quick-connect plugs.
- Route all wires safely, away from hot engine parts and moving components, securing them with zip ties.

IP67 WATERPROOF //////////////

CNC one-piece aluminum design,
Streamlined for reduced drag, Faster heat dissipation



Image: Product Instructions - Wiring Diagram.

Your browser does not support the video tag.

Video: Future Eyes X100 auxiliary fog lights Installation Methods. This video demonstrates the wiring and mounting process for the lights.

6. OPERATING INSTRUCTIONS

The Future Eyes X100 lights feature multiple operating modes controlled by the included switch.

6.1 Switch Functions

- **Short Press:** Cycles through the following modes: Electric Door Lock (DRL ON) → Low Beam → Low + High Beam.
- **Long Press (1.5s):** Activates Daytime Running Light (DRL) Mode.
- **Long Press (1.5s) again:** Cycles through Strobe Flash → Left/Right Alternating Strobe.
- **Short Press (when lights are on):** Turns off all lights.

Note: Daytime Running Lights (DRL) are compatible with all lighting modes.

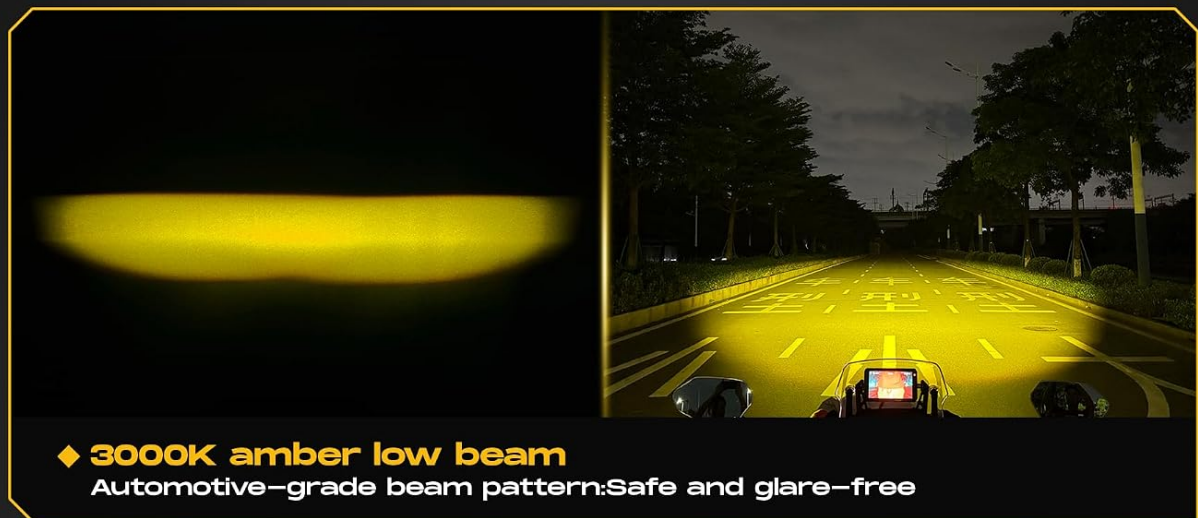


Image: Mode Options and Switch Controls.

6.2 Lighting Modes Overview

- **Sequential Turn Signal:** Integrated amber flow-style signal lights for enhanced visibility during turns.
- **Low Beam (Amber 3000K):** 100W amber output with a precision automotive-grade cut-off line to reduce glare for oncoming traffic. Features "safety side-fill" technology for improved peripheral vision.
- **Dual Beam (Amber + White):** Combines amber low beam with white high beam for a total output of 180W, providing maximum illumination.
- **DRL (Daytime Running Light):** Always-on DRL improves daytime visibility.
- **Hyper Flash / Alternating Flash:** Strobe and alternating flash modes for powerful alerts in emergency situations.

SAVE & VERSATILE LIGHTING EFFECT



◆ 3000K amber low beam

Automotive-grade beam pattern: Safe and glare-free



◆ AMBER + WHITE + DRL

High/low beam +DRL combo: Clear visibility

Image: Save & Versatile Lighting Effect - Amber Low Beam vs. Amber + White + DRL.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Future Eyes X100 LED lights, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the lenses with a soft, damp cloth to remove dirt, dust, and road grime. Avoid abrasive cleaners that could scratch the optical glass.
- **Inspection:** Periodically check all mounting hardware and wiring connections for tightness and signs of wear or damage. Re-tighten any loose fasteners.
- **Wiring Integrity:** Inspect the wiring harness for any frayed wires, cracked insulation, or corrosion. Repair or replace damaged sections immediately.
- **Waterproofing:** While the lights are IP67 waterproof, avoid directing high-pressure water jets directly at the light units or electrical connections during washing.
- **Storage:** If storing your motorcycle for an extended period, ensure the lights are clean and dry. Disconnect the

battery if necessary to prevent any parasitic drain.

8. TROUBLESHOOTING

If you encounter issues with your Future Eyes X100 LED lights, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Lights do not turn on.	No power supply, loose connection, blown fuse.	Check battery connections. Verify all wiring is secure. Inspect the fuse in the wiring harness and replace if blown. Ensure ACC wire is connected to an active ignition source.
Lights flicker or are dim.	Insufficient power, loose connection, faulty wiring.	Check battery voltage. Ensure all connections are tight. Inspect wiring for damage or corrosion.
Switch not responding.	Faulty switch, wiring issue to switch.	Check the switch's wiring connections. If the issue persists, the switch may need replacement.
One light not working.	Loose connection to the specific light, faulty light unit.	Check the quick-connect plug for the non-working light. If connections are secure, the light unit may be faulty and require replacement.

9. WARRANTY AND SUPPORT

The Future Eyes X100 LED Motorcycle Fog Lights come with **aone-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any product-related inquiries, please contact Future Eyes customer support. Our team is available 24/7 to assist you.

Contact Information: Refer to the contact details provided on the Future Eyes official website or your purchase documentation for the most up-to-date support channels.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question