MEILAN X3

MEILAN X3 Cute Eye Smart Bike Tail Light

User Instruction Manual

1. PRODUCT OVERVIEW

The MEILAN X3 Cute Eye Smart Bike Tail Light is an advanced rear lighting system designed to enhance cycling safety. It features integrated turn signals, automatic brake detection, a ground warning line, and wireless remote control via Bluetooth BLE 4.0. The light is USB Type-C rechargeable and boasts IPX6 waterproof rating.

Image: Overview of the MEILAN X3 Cute Eye Smart Bike Tail Light, highlighting its Bluetooth BLE 4.0 connectivity, IPX6 waterproof rating, 90 lumens brightness, 10 working hours, and compact size.

2. PACKAGE CONTENTS

Before proceeding with installation, please verify that all components listed below are present in your package:

Packing List

Image: All components included in the MEILAN X3 Cute Eye Smart Bike Tail Light package, including the Cute Eye Tail Light, O-Ring Cable, Saddle Plastic Mount, Remote Control, Charging Cable, Tube Plastic Mount, Screws, and Rubber Bands.

- MEILAN X3 Cute Eye Tail Light
- Wireless Remote Control
- USB Type-C Charging Cable
- Saddle Plastic Mount
- Tube Plastic Mount
- O-Ring Cable
- Screws
- Rubber Bands

3. SETUP AND INSTALLATION

3.1 Charging the Tail Light

Before first use, fully charge the MEILAN X3 tail light. The built-in 2500mAh rechargeable battery provides approximately 10 hours of operation in flashing mode when fully charged.

- Connect the supplied USB Type-C charging cable to the tail light's charging port.
- Connect the other end of the cable to a USB power source (DC 5V 0.5A).
- Allow approximately 3 hours for a full charge. The indicator light will change to confirm charging status.
- **Important:** Ensure the USB cover is tightly plugged before use, especially in wet conditions, to maintain IPX6 waterproof integrity.

Image: The MEILAN X3 Cute Eye Smart Bike Tail Light connected to a USB Type-C charging cable, illustrating its rechargeable battery and charging interface.

3.2 Mounting the Tail Light

The MEILAN X3 can be mounted using either the saddle plastic mount or the tube plastic mount, depending on your bicycle's design.

- **Saddle Mount:** Attach the saddle plastic mount to the rails under your bicycle seat using the provided screws. Secure the tail light to this mount.
- **Tube Mount:** Use the tube plastic mount and rubber bands/O-ring cable to secure the tail light to the seat post or other suitable tube on your bicycle.

3.3 Installing the Remote Control

The wireless remote control is designed for easy access on your handlebar.

- Attach the remote control to a convenient location on your bicycle's handlebar using the provided mounting accessories.
- Ensure it is securely fastened and does not interfere with steering or braking.

3.4 Pairing the Remote Control and Tail Light

The remote control and tail light are wirelessly connected via Bluetooth BLE 4.0. After charging, they should pair automatically. If pairing issues occur, ensure both devices are charged and within close proximity.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation (Power On/Off and Light Modes)

The remote control allows for easy switching of the tail light's functions.

Image: The MEILAN X3 remote control mounted on a bicycle handlebar, showing the control button, left turn button, and right turn button. Instructions indicate long press for tail light off and short press for light effect switch.

- **Power On/Off:** Long press the central 'Control Button' on the remote to turn the tail light on or off.
- **Switch Light Modes:** Short press the central 'Control Button' to cycle through the eight available lighting

modes. The tail light provides 90 lumens of brightness.

4.2 Turn Signals

Activate turn signals to indicate your intended direction to other road users.

- Press the 'Left Turn Button' on the remote to activate the left turn signal.
- Press the 'Right Turn Button' on the remote to activate the right turn signal.
- The turn signal will flash to clearly indicate your maneuver.

Image: A cyclist on a road, demonstrating the MEILAN X3 Cute Eye Smart Bike Tail Light's turn direction indicator function, with arrows showing the intended turn.

4.3 Automatic Brake Detection

The tail light is equipped with an automatic brake detection feature for enhanced safety.

- When the bicycle decelerates, the tail light will automatically illuminate brighter to signal braking to vehicles behind you.

4.4 Ground Warning Line

The MEILAN X3 projects a ground warning line for increased visibility.

- This feature projects two laser lines onto the ground behind your bicycle, creating a virtual safety zone.
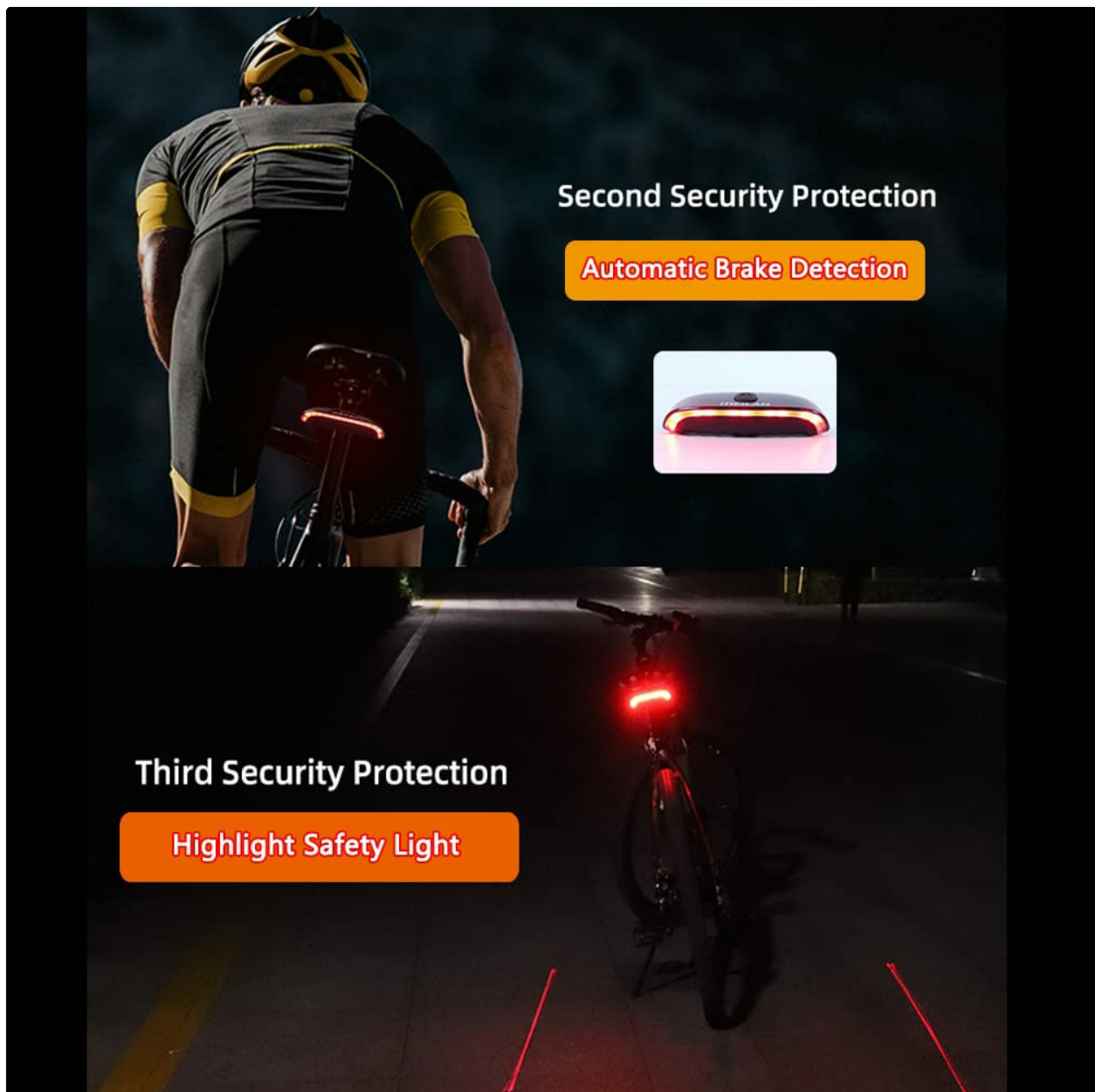

Image: A cyclist demonstrating the MEILAN X3 Cute Eye Smart Bike Tail Light's automatic brake detection, where the light brightens, and the high light safety light, which projects ground warning lines.

4.5 AUTO Navigation with Meilan Finder M1 GPS Bike Computer

The MEILAN X3 can integrate with the Meilan Finder M1 GPS Bike Computer for navigation synchronization.

- When connected, the tail light can automatically turn right or left in conjunction with the navigation directions from the Finder GPS Bike Computer, eliminating the need for manual control.
- This feature requires the Meilan Finder Bike Computer to be paired with the Komoot APP for turn-by-turn navigation.

5. MAINTENANCE

5.1 Charging

Regular charging is essential to maintain optimal performance. Refer to section 3.1 for charging instructions.

5.2 Remote Control Battery Replacement

The remote control is powered by a replaceable CR2032 coin cell battery, which typically lasts for 12 months.

- To replace the battery, carefully open the remote control casing.
- Remove the old CR2032 battery and insert a new one, ensuring correct polarity.
- Close the casing securely.

5.3 Waterproofing

The MEILAN X3 has an IPX6 waterproof rating, meaning it is protected against high-pressure water jets from any direction. However, proper care is still necessary.

Image: The MEILAN X3 Cute Eye Smart Bike Tail Light shown with water droplets, emphasizing its IPX6 waterproof grade and advising to plug the USB cover tightly before use.

- Always ensure the USB charging port cover is tightly sealed before riding, especially in rainy or wet conditions.
- Do not submerge the device in water.

5.4 Cleaning

- Wipe the tail light and remote control with a soft, damp cloth to remove dirt and debris.
- Avoid using harsh chemicals or abrasive cleaners.

6. TROUBLESHOOTING

6.1 Tail Light Not Turning On

- Ensure the tail light is fully charged.
- Verify that the remote control battery is not depleted.
- Confirm the remote control and tail light are paired. Try long-pressing the control button on the remote.

6.2 Remote Control Not Responding

- Check the CR2032 battery in the remote control and replace if necessary.
- Ensure the remote control is within range of the tail light.
- Re-attempt pairing if connectivity issues persist.

6.3 Automatic Brake Light or Turn Signals Not Working

- Ensure the tail light is securely mounted and not obstructed.
- Verify the tail light is sufficiently charged.
- If the issue persists, contact customer support.

7. SPECIFICATIONS

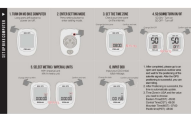|	
Model	X3 Cute Eye
Brand	MEILAN
Color	Black
Material	Plastic
Power Source	Battery Powered
Battery Capacity	2500mAh (Tail Light), CR2032 (Remote Control)
Charging Interface	USB Type-C (Input: DC 5V 0.5A)
Brightness	90 Lumens
Lighting Modes	8 Modes
Water Resistance Level	IPX6
Connectivity	Bluetooth BLE 4.0
Item Weight	308 Grams
Item Dimensions (LxWxH)	13.9 x 12.6 x 4.5 Centimeters

8. WARRANTY AND SUPPORT

MEILAN offers the following support for the X3 Cute Eye Smart Bike Tail Light:

- **Returns:** We accept returns within 30 days without any specific reason.
- **Warranty:** Replacement of products or accessories is offered within one year from the date of purchase.

- **Customer Support:** If you encounter any problems or have questions, please do not hesitate to contact our customer support team. We are committed to assisting you.

Related Documents - X3

	[MEILAN M3 GPS Bike Computer User Guide and FAQ](#) A comprehensive guide and frequently asked questions for the MEILAN M3 GPS Bike Computer, covering setup, features, and troubleshooting.
	[MEILAN M3 Mini GPS Bike Computer Instruction Manual](#) This document provides comprehensive instructions for the MEILAN M3 Mini GPS Bike Computer, covering its features, setup, operation, specifications, safety guidelines, and warranty information.
	[MEILAN M3 Wireless Bike Computer Instruction Manual](#) This manual provides comprehensive instructions for the MEILAN M3 Wireless Bike Computer, covering setup, operation, GPS functionality, battery management, specifications, and safety guidelines for cyclists.
	[MEILAN M3 Mini GPS Bike Computer Setup Guide](#) A concise guide to setting up the MEILAN M3 Mini GPS Bike Computer, covering power on, setting mode, time zone, units, and initial odometer input.
	[MEILAN Blade Wireless Bike Computer Quick Start Guide](#) This guide provides instructions for installing, setting up, and using the MEILAN Blade Wireless Bike Computer, including sensor pairing, workout features, and technical specifications.
	[MEILAN Blade Wireless Bike Computer Quick Start Guide](#) Quick start guide for the MEILAN Blade Wireless Bike Computer, covering installation, setup, sensor pairing, workout tracking, and history viewing. Includes instructions for mounting the device and sensors, configuring settings, and using the MEILAN app.