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## XIAOKOA EU-A8

# XIAOKOA EU-A8 Smart Bicycle Tail Light User Manual

Model: EU-A8

## 1. INTRODUCTION

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Thank you for choosing the XIAOKOA EU-A8 Smart Bicycle Tail Light. This device is designed to enhance your cycling safety with its advanced features, including a wireless remote control, smart alarm, intelligent brake detection, and smart light sensing. Please read this manual carefully before use to ensure proper installation and operation.

## 2. PRODUCT OVERVIEW

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The XIAOKOA EU-A8 is a versatile bicycle tail light equipped with multiple smart functions:

- **Wireless Remote Control:** Operate the tail light and alarm functions from a distance of 0-50 meters for convenience and quick access.
- **Smart Alarm Function:** An integrated anti-theft alarm system with a sound level of 105-120 dB activates upon detecting vibrations, deterring potential theft.
- **Intelligent Brake Detection:** The tail light automatically switches to a high-brightness brake light mode for 3 seconds when deceleration is detected, significantly improving visibility and safety.
- **Smart Light Sensing:** In slow flash or breathing light modes, the tail light will automatically illuminate in dark environments.
- **Durable and Waterproof:** Rated IP65 waterproof, ensuring normal operation in rainy conditions. Features USB charging for convenience.



Image 1: The XIAOKOA EU-A8 Smart Bicycle Tail Light with its wireless remote control. The tail light is mounted on a bicycle seat post, emitting a bright red light, while the remote is shown separately.

### 3. PACKAGE CONTENTS

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Please check the package for the following items:

- XIAOKOA EU-A8 Smart Bicycle Tail Light
- Wireless Remote Control
- USB Charging Cable
- Mounting Bracket for Tail Light
- Mounting Accessories (straps/ties)
- User Manual (this document)

### 4. SETUP

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#### 4.1 Charging the Tail Light

1. Locate the USB charging port on the tail light.
2. Connect the provided USB charging cable to the tail light and a standard USB power source (e.g.,

computer, USB wall adapter).

3. The indicator light on the tail light will show charging status (e.g., red for charging, green for fully charged).
4. A full charge typically takes 2-3 hours.

## 4.2 Mounting the Tail Light

The tail light is designed for saddle post mounting.

1. Attach the mounting bracket to your bicycle's seat post using the provided straps or ties. Ensure it is securely fastened and does not obstruct other bicycle components.
2. Slide the tail light onto the mounting bracket until it clicks into place.
3. Adjust the angle of the tail light to ensure maximum visibility to traffic behind you.



Image 2: An illustration showing the concealed installation of the tail light on a bicycle, highlighting its anti-theft alarm system. A person is shown attempting to cut a bike lock, emphasizing the alarm's purpose.

## 4.3 Mounting the Remote Control

The remote control can be mounted on your handlebar for easy access.

1. Use the provided strap to secure the remote control to a convenient location on your handlebar.

2. Ensure the remote is within easy reach and does not interfere with steering or braking.

## 5. OPERATING INSTRUCTIONS

### 5.1 Tail Light Operation

1. **Power On/Off:** Press and hold the power button on the tail light for 2-3 seconds to turn it on or off.
2. **Changing Light Modes:** Short press the power button on the tail light or the 'Light Mode' button on the remote control to cycle through available light modes (e.g., steady, slow flash, breathing, fast flash).

### 5.2 Remote Control Functions



Image 3: A close-up view of the wireless remote control, showing its four buttons and their respective functions: Turn on alarm state, Cancel alarm status, Light mode button, and Bell sound button & Bicycle search button.

- **Turn on Alarm State (Lock Icon):** Press this button to activate the smart alarm function. The tail light will emit a confirmation sound.
- **Cancel Alarm Status (Unlock Icon):** Press this button to deactivate the smart alarm.
- **Light Mode Button (Lightning Bolt Icon):** Press this button to cycle through the different light modes of the tail light.

- **Bell Sound & Bicycle Search Button (Bell Icon):** Press this button to emit a bell sound from the tail light, useful for locating your bicycle in the dark or crowded areas.

### 5.3 Smart Features

- **Smart Alarm:** Once activated via the remote, the tail light will sound a loud alarm (105-120 dB) if it detects significant vibration or movement, indicating potential tampering.
- **Intelligent Brake Detection:** The tail light automatically detects deceleration. Upon sensing a brake, it will illuminate at its highest brightness for 3 seconds to alert following traffic.



Image 4: A cyclist on a road at night, with the XIAOKOA EU-A8 tail light brightly illuminated, demonstrating the Intelligent Induction Braking feature. The text overlay explains that the light stays on for 3 seconds at highest brightness after detecting deceleration.

- **Smart Light Sensing:** When the tail light is in slow flash or breathing light mode, its built-in sensor will detect ambient light levels. If the environment becomes dark, the tail light will automatically turn on to ensure visibility.

## Intelligent Induction Braking

( After the bicycle brake decelerates, the tail lights will be detected intelligently, and tail light will stay on for 3 seconds at the highest brightness to ensure driving safety.)



Image 5: A bicycle with the XIAOKOA EU-A8 tail light illuminated at night, illustrating the Smart Light Sensing feature. The remote control is also visible in the foreground. The text explains that the tail light automatically lights up in dark environments when in flashing or breathing light mode.

## 6. MAINTENANCE

- **Cleaning:** Wipe the tail light and remote control with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Charging:** Recharge the tail light regularly, especially if it has not been used for an extended period, to maintain battery health.
- **Battery Care:** Avoid fully discharging the battery frequently. Store the device in a cool, dry place when not in use.
- **Water Resistance:** While the tail light is IP65 waterproof, avoid submerging it in water. Ensure the USB charging port cover is securely closed to maintain water resistance.

## 7. TROUBLESHOOTING

- **Tail Light Not Turning On:**

- Ensure the battery is charged. Connect to a USB power source to charge.
- Press and hold the power button for 2-3 seconds.
- **Remote Control Not Responding:**
  - Ensure the tail light is powered on.
  - Check the remote control battery (if applicable, usually a coin cell battery).
  - Ensure you are within the 0-50 meter operating range.
- **Alarm Not Activating/Deactivating:**
  - Confirm the tail light is powered on.
  - Press the correct lock/unlock button on the remote control.
- **Brake Detection Not Working:**
  - Ensure the tail light is securely mounted and stable. Excessive movement or loose mounting can affect sensor accuracy.
- **Charging Issues:**
  - Try a different USB cable or power adapter.
  - Ensure the charging port is clean and free of debris.

## 8. SPECIFICATIONS

<b>Brand</b>	XIAOKOA
<b>Model</b>	EU-A8
<b>Material</b>	Acrylonitrile Butadiene Styrene (ABS), Stainless Steel
<b>Power Source</b>	Rechargeable Battery (USB)
<b>Water Resistance Level</b>	IP65 (Resistant to water jets)
<b>Mounting Type</b>	Seat Post Mount
<b>Number of Settings</b>	4 (Light Modes)
<b>Alarm Sound Level</b>	105-120 dB
<b>Remote Control Distance</b>	0-50 meters

## 9. SAFETY INFORMATION

- Always ensure the tail light is securely mounted before riding.
- Do not look directly into the light when it is on, as it can cause temporary vision impairment.
- Keep the device out of reach of children.
- Do not attempt to disassemble or modify the device, as this will void the warranty and may cause damage.
- Dispose of the battery according to local regulations.

## 10. WARRANTY AND SUPPORT

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The XIAOKOA EU-A8 Smart Bicycle Tail Light comes with a standard manufacturer's warranty. For warranty claims, technical support, or any questions regarding your product, please contact XIAOKOA customer service through your purchase platform or the official XIAOKOA website. Please retain your proof of purchase for warranty purposes.