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## Guankai 0003A4

# Guankai Motion Sensor Stair Light Instruction Manual

Model: 0003A4

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Guankai Motion Sensor Stair Lights. These battery-operated lights are designed to provide automatic illumination in dark indoor environments, enhancing safety and convenience. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: Guankai Motion Sensor Stair Lights in use and individual units.

## 2. PRODUCT FEATURES

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- **Motion Sensor Activation:** Lights activate automatically when motion is detected in low-light conditions.
- **Sensing Range:** Detects motion within 5-16 feet (1.5-4.8 meters).
- **Sensing Angle:** 120-degree detection angle.
- **Automatic Shut-off:** Lights remain on for approximately 20 seconds after motion ceases.
- **Soft Warm Lighting:** Emits a warm white light (3000K) at 40 lumens, designed to be gentle on the eyes.
- **Battery Operated:** Each light requires 3 AAA batteries (not included), providing up to 4 months of operation.
- **Easy Installation:** Wireless design with double-sided adhesive pads for quick and tool-free mounting.
- **Indoor Use:** Suitable for various indoor locations such as stairs, hallways, closets, cabinets, and bedrooms.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- Guankai Motion Sensor Stair Lights (8 units)
- Double-sided adhesive pads (8 sets)

*Note: AAA batteries are not included and must be purchased separately.*

## 4. SETUP AND INSTALLATION

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Follow these steps to set up and install your motion sensor lights:

### 1. Battery Installation:

- Gently slide open the back cover of each light unit.
- Insert 3 AAA batteries into the battery compartment, ensuring correct polarity (+/-).
- Close the back cover securely.

### 2. Choose Installation Location:

- Select a clean, dry, and smooth surface for mounting. Common locations include stair risers, hallway walls, inside closets, or under cabinets.
- Ensure the chosen location allows for optimal motion detection within the desired area.

### 3. Mounting the Light:

- Peel off the protective film from one side of a double-sided adhesive pad.
- Firmly attach the adhesive pad to the back of the light unit.
- Peel off the protective film from the other side of the adhesive pad.
- Press the light firmly onto your chosen surface for at least 30 seconds to ensure a strong bond.



*Image 4.1: Battery installation and adhesive application steps.*

# Product Size

Product Size , Small and portable design



Image 4.2: Product dimensions for placement consideration.

## 5. OPERATING INSTRUCTIONS

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The Guankai Motion Sensor Stair Light operates automatically based on ambient light and motion detection.

- **Automatic Activation:** The light will only activate when the ambient environment is sufficiently dark and motion is detected within its sensing range.
- **Motion Detection:** Once motion is detected, the light will turn on.
- **Automatic Deactivation:** The light will automatically turn off approximately 20 seconds after motion is no longer detected.
- **No Manual Switch:** This model features an always-active motion sensor for automatic operation. There is no physical switch to manually turn the motion sensor on or off, or to keep the light continuously on.

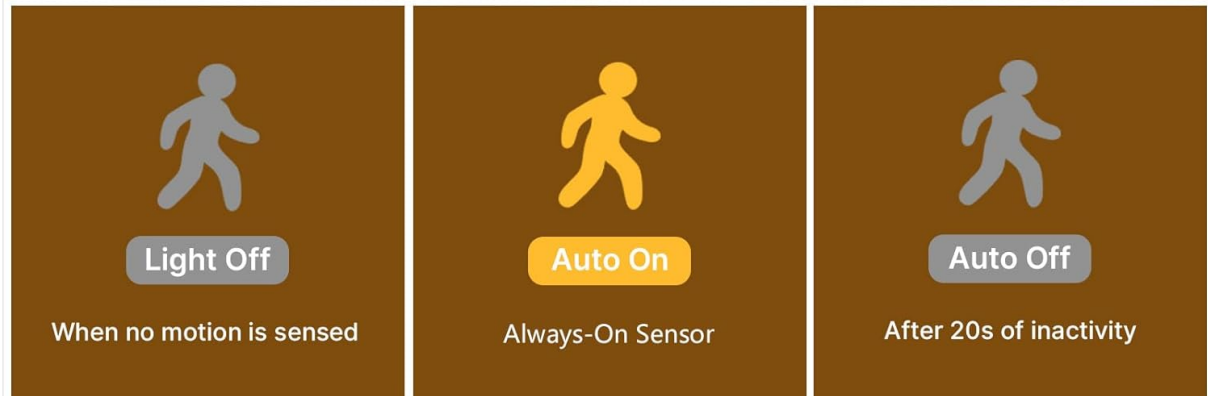
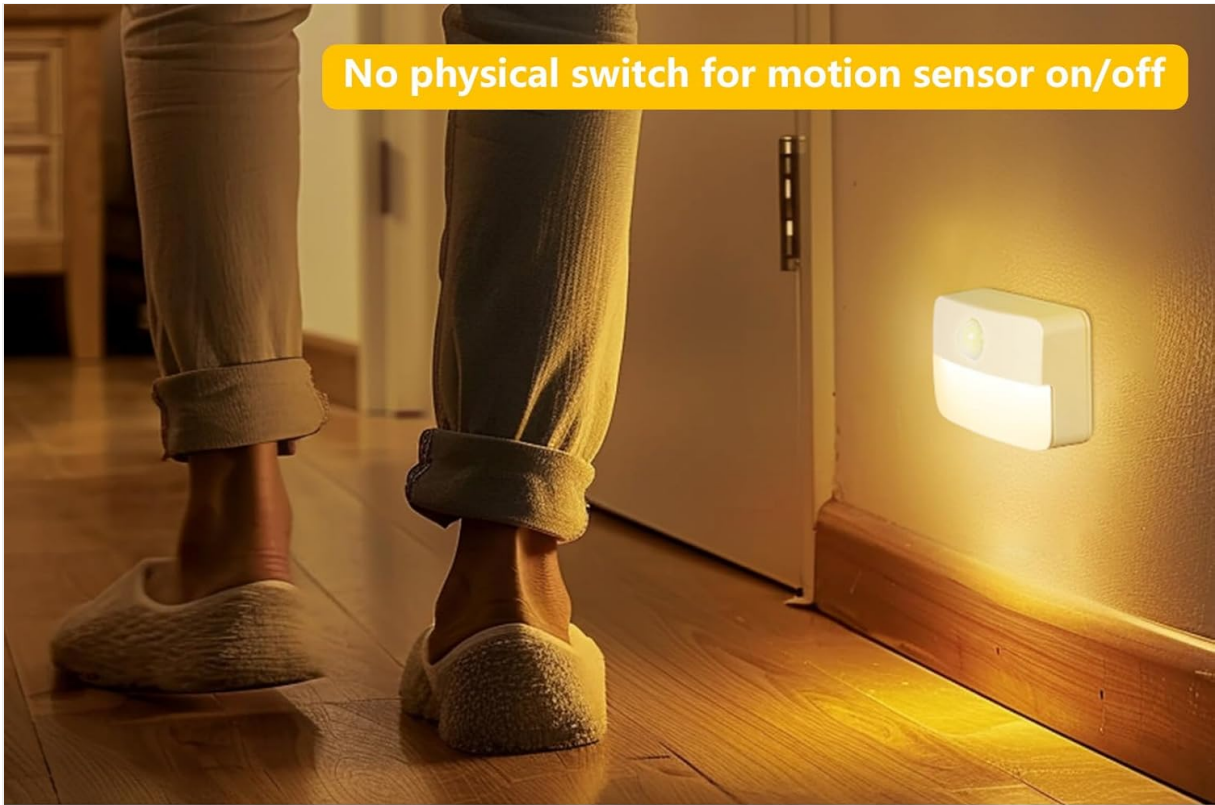
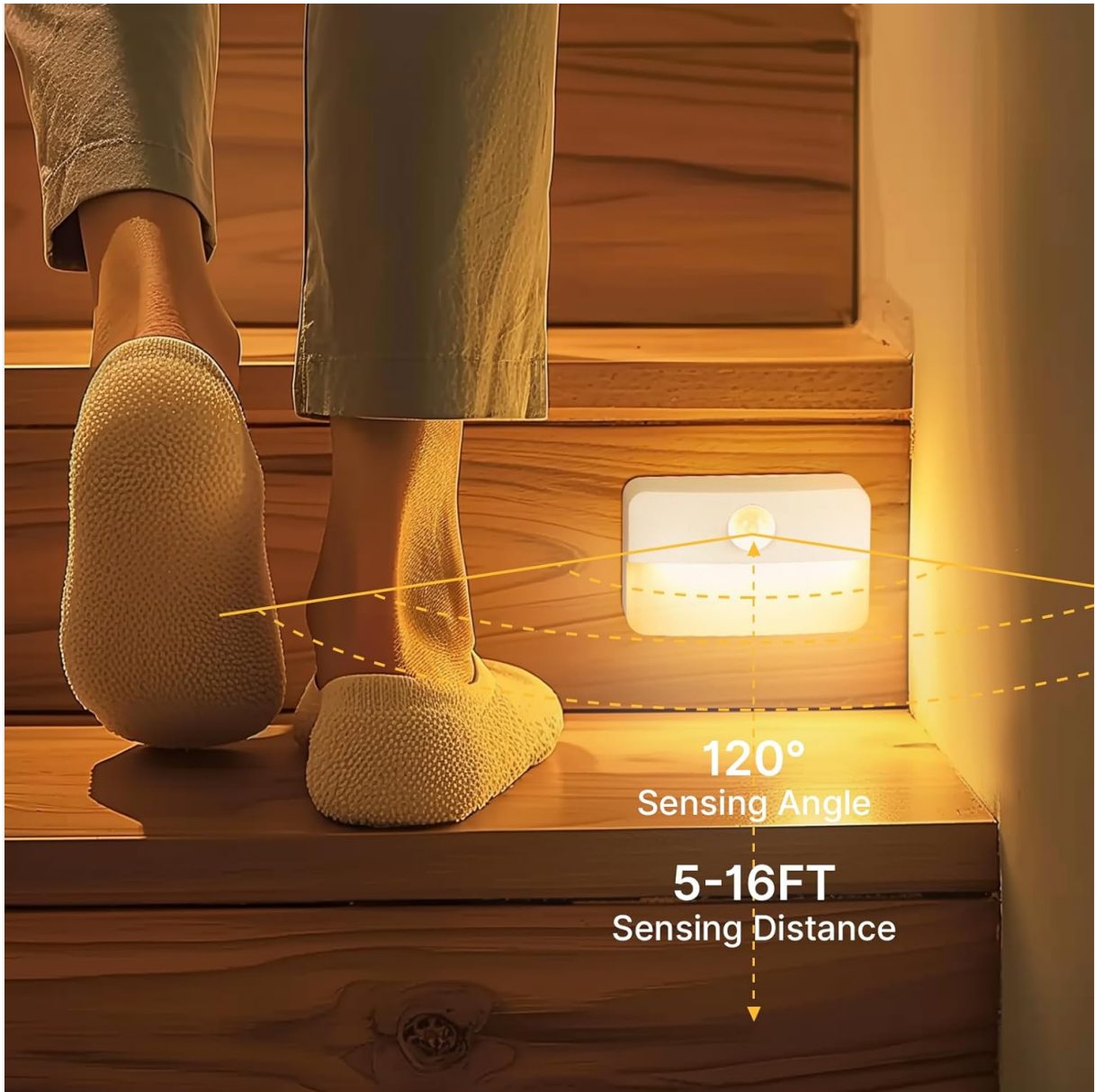


Image 5.1: Motion sensor logic: Light Off (no motion), Auto On (motion detected), Auto Off (after 20s of inactivity).



*Image 5.2: Sensing angle and distance of the motion sensor.*

# Super Sensitive



Image 5.3: Brightness detection for power saving and motion sensing for automatic operation.

## 6. BATTERY INFORMATION

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- Each light unit requires 3 AAA batteries.
- For optimal performance and battery life, use high-quality alkaline batteries.
- Replace all batteries simultaneously when the light begins to dim or fails to activate. Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the device will not be used for an extended period to prevent leakage.
- Dispose of used batteries according to local regulations.

## 7. MAINTENANCE

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- **Cleaning:** Wipe the surface of the light with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electronic components.
- **Sensor Area:** Keep the motion sensor lens clean and unobstructed to ensure proper functionality.
- **Adhesive:** If the adhesive bond weakens over time, replace the double-sided adhesive pad with a new, strong adhesive suitable for your surface.

## 8. TROUBLESHOOTING

| Problem                           | Possible Cause   | Solution   |
|-----------------------------------|--|--|
| Light does not turn on.           | <ol style="list-style-type: none"><li>1. Insufficient darkness.</li><li>2. No motion detected.</li><li>3. Batteries are dead or incorrectly installed.</li></ol> | <ol style="list-style-type: none"><li>1. Test in a darker environment.</li><li>2. Ensure motion occurs within the sensing range and angle.</li><li>3. Check battery polarity and replace with fresh AAA batteries.</li></ol> |
| Light stays on continuously.      | <ol style="list-style-type: none"><li>1. Constant motion in sensing area.</li><li>2. Sensor obstructed or dirty.</li></ol>                                       | <ol style="list-style-type: none"><li>1. Ensure no continuous motion is present. Relocate if necessary.</li><li>2. Clean the sensor lens and ensure no objects are blocking it.</li></ol>                                    |
| Light is dim.                     | Batteries are low.   | Replace all 3 AAA batteries with fresh ones.   |
| Light falls off mounting surface. | Adhesive has lost its stickiness or surface was not clean.   | Clean the mounting surface thoroughly and apply a new double-sided adhesive pad.   |

## 9. SPECIFICATIONS

| Feature                        | Specification                                     |
|--------------------------------|---|
| Model                          | 0003A4  |
| Brand                          | Guankai   |
| Light Source                   | LED   |
| Light Color                    | Warm White (3000K)                                |
| Brightness                     | 40 Lumens   |
| Power Source                   | 3 x AAA Batteries (per unit)                      |
| Motion Sensor Range            | 5-16 ft (1.5-4.8 m)                               |
| Motion Sensor Angle            | 120 degrees                                       |
| Auto Shut-off Time             | Approx. 20 seconds                                |
| Product Dimensions (L x W x H) | 2.5" x 0.98" x 1.5" (6.35 cm x 2.49 cm x 3.81 cm) |
| Material                       | Plastic   |
| Indoor/Outdoor Usage           | Indoor Only                                       |
| Water Resistance Level         | Not Water Resistant                               |

## 10. IMPORTANT SAFETY INFORMATION

- This product is designed for indoor use only. Do not expose to water or high humidity.
- Do not attempt to disassemble or modify the light unit. This may void the warranty and pose a safety risk.
- Keep out of reach of small children.
- Ensure batteries are inserted with correct polarity. Incorrect insertion can cause damage or battery leakage.

- Do not mix old and new batteries, or different types of batteries.
- Dispose of batteries responsibly according to local regulations.

## **11. WARRANTY AND SUPPORT**

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For warranty information or technical support, please refer to the purchase platform or contact Guankai customer service directly. Please have your model number (0003A4) and purchase details available when contacting support.