

KingHe KH-200-1

KingHe Solar Street Light User Manual

Model: KH-200-1 | Brand: KingHe

1. INTRODUCTION

Thank you for choosing the KingHe Solar Street Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your solar light. Please read this manual thoroughly before use and retain it for future reference.

This solar street light is designed for outdoor use, providing reliable illumination for areas such as parking lots, yards, garages, barns, and driveways. It features a dusk-to-dawn sensor, motion detection, and remote control for versatile lighting modes.

2. SAFETY INFORMATION

- Always ensure the mounting surface is stable and can support the weight of the light fixture.
- Do not look directly into the light source when it is active, as it may cause eye strain or damage.
- Keep the solar panel clean to ensure optimal charging efficiency.
- Do not attempt to disassemble or modify the product. Refer all servicing to qualified personnel.
- Ensure proper grounding if required by local electrical codes.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- Solar Street Light Fixture
- Mounting Hardware
- Remote Control
- Wiring
- Junction Box

1 PACK PACKAGE INCLUDES



Figure 3.1: Package contents of the KingHe Solar Street Light.

4. SETUP AND INSTALLATION

The KingHe Solar Street Light offers versatile installation options, including pole mount and wall mount. Choose a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging.



Figure 4.1: Wall Mount and Pole Mount Installation Options.

4.1 Pole Mount Installation

1. Attach the mounting arm to the light fixture using the provided bolts and nuts. Ensure it is securely fastened.
2. Secure the mounting arm to a pole using the U-shaped bolts and mounting brackets. Adjust the angle of the solar panel to face direct sunlight.
3. Tighten all bolts to prevent movement.



Figure 4.2: Integrated design of the solar street light.

4.2 Wall Mount Installation

1. Mark the drilling points on the wall using the mounting bracket as a template.
2. Drill holes and insert wall anchors.
3. Attach the mounting arm to the light fixture.
4. Secure the mounting bracket to the wall using screws.
5. Attach the light fixture with the arm to the wall-mounted bracket.
6. Adjust the angle for optimal solar charging and light coverage.



Figure 4.3: Automatic operation with intelligent light sensor.

5. OPERATING INSTRUCTIONS

The KingHe Solar Street Light operates automatically from dusk to dawn and includes a motion sensor for enhanced functionality. Use the provided remote control to select different lighting modes.

5.1 Initial Activation

Before first use, ensure the light is charged under direct sunlight for at least 6-8 hours. The light will automatically turn on at dusk and off at dawn.

5.2 Remote Control Functions

The remote control allows you to customize the lighting behavior:

Motion Sensor & Dusk to Dawn



Figure 5.1: Motion Sensor and Dusk to Dawn Modes.

- **ON/OFF:** Manually turn the light on or off.
- **Mode 1 (Motion Sensor Mode):** The light stays at 30% brightness and switches to 100% brightness when motion is detected. It returns to 30% after motion ceases.
- **Mode 2 (Dusk to Dawn Mode):** The light automatically turns on at dusk and stays at 100% brightness until dawn.
- **Timer Settings:** Some models may offer timer settings (e.g., 2H, 4H, 6H) to keep the light on for a specific duration after activation. Refer to your remote for specific buttons.
- **Brightness Adjustment:** Adjust the light intensity (if available on your remote).



Figure 5.2: Key components including the remote control.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your solar street light.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Checking Connections:** Annually inspect all mounting bolts and electrical connections to ensure they are secure and free from corrosion.
- **Battery Care:** The integrated battery is designed for long life. Avoid prolonged periods of non-use in a completely discharged state.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in direct sunlight for 6-8 hours daily. Clean the solar panel.
Light is dim or stays on for a short period.	Battery not fully charged or aging battery.	Allow several sunny days for full charge. If problem persists after extended use, battery may need replacement (contact support).
Motion sensor not working.	Sensor obstructed or incorrect mode.	Ensure the sensor is clear of obstructions. Verify the light is set to Motion Sensor Mode (Mode 1) via remote control.
Remote control not responding.	Remote battery low or line of sight issue.	Replace remote control batteries. Ensure direct line of sight to the light's receiver.

8. SPECIFICATIONS

Feature	Detail
Brand	KingHe
Model Number	KH-200-1
Light Source Type	LED
Brightness	1500 lumen
Color Temperature	6000K (Cool White)
Power Source	Solar Powered
Control Method	Remote Control, Motion Sensor, Dusk to Dawn
Material	Plastic
Product Dimensions	24.8 x 9.84 x 2.55 inches
Item Weight	8.38 Pounds
Water Resistance Level	Water Resistant

9. WARRANTY AND SUPPORT

KingHe products are manufactured to the highest quality standards. This product comes with a limited warranty against defects in materials and workmanship from the date of purchase. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official KingHe website.

If you encounter any issues or have questions regarding your KingHe Solar Street Light, please contact our customer support team:

- **Customer Service:** Refer to your product packaging or the KingHe official website for contact details.
- **Online Resources:** Visit the KingHe brand store on Amazon for FAQs and additional product information: [KingHe Store](#)

