

KingHe KH-YT200-2-2

KingHe Solar Street Lights Instruction Manual

MODEL: KH-YT200-2-2

Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your KingHe Solar Street Lights, Model KH-YT200-2-2. Please read these instructions thoroughly before use and retain them for future reference.

Safety Information

- Ensure all mounting hardware is securely fastened to prevent the light from falling.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure optimal charging efficiency.
- Avoid direct eye exposure to the LED light source when illuminated.
- Dispose of batteries according to local regulations.

Package Contents

Verify that all components are present in your package:

- Solar Street Light Fixture (with integrated solar panel)
- Remote Control
- Mounting Arm
- Mounting Hardware (screws, anchors, washers)

1 PACK PACKAGE INCLUDES



This image provides a clear layout of the KingHe solar street light package contents, including the main light unit, separate solar panel, mounting bracket, screws, and remote control, along with key dimensions of the components.

Product Features

- **High Brightness:** 20000 lumen output with 336 LEDs for extensive illumination.
- **Solar Powered:** Efficient monocrystalline silicon solar panel for energy independence.
- **Dusk-to-Dawn Operation:** Automatic activation at dusk and deactivation at dawn via intelligent light sensor.
- **Motion Sensor:** Radar sensing technology adjusts brightness (30% to 100%) upon detecting movement within 32-39 feet.
- **Remote Control:** Convenient wireless control for various lighting modes and settings.
- **Durable Design:** IP65 waterproof, frost-resistant, and lightning-protected aluminum alloy construction.
- **Wide Application:** Suitable for gardens, streets, parking lots, yards, and other outdoor areas.



6-8 hours full charge

INTELLIGENT LIGHT SENSOR CHIP
Automatic operation without maintenance

Light up the whole night

The image depicts the KingHe solar street light's dual functionality: charging during the day (6-8 hours for full charge) and automatically lighting up at night, powered by an intelligent light sensor chip for maintenance-free operation.

Radar Sensing Distance 32-39ft



This visual demonstrates the radar sensing capability of the KingHe solar street light. It shows the light operating at 30% brightness in standby mode and increasing to 100% brightness when motion is detected within a 32-39 ft range.

Setup & Installation

The KingHe Solar Street Light can be installed via pole mount or wall mount. Choose a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging.

1. **Choose Location:** Select an outdoor area free from obstructions that might shade the solar panel, especially during peak sunlight hours.
2. **Assemble Mounting Arm:** Attach the mounting arm to the light fixture using the provided screws.
3. **Mount the Bracket:** Secure the mounting bracket to a pole or wall using the appropriate mounting hardware (screws, anchors). Ensure the bracket is firmly attached and level.
4. **Attach Light Fixture:** Slide the assembled light fixture onto the mounting arm and secure it with the designated fasteners. Adjust the angle of the light and solar panel for optimal sun exposure and light distribution.
5. **Initial Charge:** Allow the light to charge for a full day (6-8 hours) in direct sunlight before its first use to ensure the battery is fully conditioned.



A collage of four images showing the versatility of the KingHe solar street light, installed in different outdoor environments: a garden, a street, a parking lot, and a residential yard.

Operation

Your KingHe Solar Street Light operates automatically from dusk to dawn. The included remote control allows for additional customization of lighting modes.

Remote Control Functions:

- **ON/OFF:** Manually turn the light on or off.
- **Auto Mode:** Activates dusk-to-dawn operation with motion sensing (30% brightness, 100% on motion).
- **3H/5H/8H Timer:** Sets the light to stay on for 3, 5, or 8 hours after activation, then switches to motion sensor mode or turns off.
- **Brightness Adjustment:** Increases or decreases the light intensity.
- **Motion Sensor On/Off:** Toggles the motion sensor function.

Product Details



A detailed breakdown of the KingHe solar street light's features, highlighting the monocrystalline silicon solar panel, 384 SMD light chips, waterproof ABS plastic casing, aluminum alloy mounting arm, motion sensor with power button, and the wireless remote control.

Maintenance

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum charging efficiency.
- **Inspection:** Periodically check all mounting hardware for tightness and ensure the light fixture is securely in place.
- **Battery:** The integrated lithium-ion battery is designed for long-term use. If battery performance significantly degrades over time, contact customer support for assistance. Do not attempt to replace the battery yourself.

Troubleshooting

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge; solar panel is dirty or obstructed; light is in OFF mode.	Ensure solar panel is clean and receives direct sunlight for 6-8 hours. Check if the light is turned ON via the remote control.
Light is dim or only stays on for a short period.	Insufficient solar charge; battery capacity reduced due to age or extreme temperatures.	Relocate the light to an area with more direct sunlight. Ensure the solar panel is clean. Allow for several days of full charge.
Motion sensor not working.	Motion sensor is disabled; obstruction in sensor's field of view.	Activate motion sensor via remote control. Clear any obstructions around the sensor.
Remote control not responding.	Remote battery is dead; remote is too far from the light; signal interference.	Replace remote control batteries. Ensure you are within effective range. Reduce potential interference.

Specifications

Feature	Detail
Brand	KingHe
Model Number	KH-YT200-2-2
Light Source Type	LED (336 LEDs)
Brightness	20000 Lumen
Color Temperature	6000K (Cool White)
Power Source	Solar Powered
Battery	1 Lithium Ion battery (included)
Material	Aluminum
Finish Type	Powder Coated
Indoor/Outdoor Usage	Outdoor
Installation Type	Pole Mount
Control Method	Remote Control
Product Dimensions	24.8 x 9.84 x 2.55 inches
Item Weight	15.97 pounds
Waterproof Rating	IP65

Warranty & Support

KingHe products are manufactured to high-quality standards. For warranty information, technical support, or assistance with your product, please refer to the contact details provided at the point of purchase or visit the official KingHe website. Please have your model number (KH-YT200-2-2) and purchase date available when contacting support.

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

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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