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CVXDD W789a-4

CVXDD Solar Street Light W789a-4 User Manual

Model: W789a-4 | Brand: CVXDD

1. Introduction

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your CVXDD Solar Street Light W789a-4. Please read this manual thoroughly before using the product and retain it for future reference.

The CVXDD Solar Street Light W789a-4 is an LED solar-powered outdoor lighting solution designed for various applications such as gardens, streets, backyards, garages, and balconies. It features a durable ABS body and is designed to withstand diverse outdoor weather conditions.

2. Safety Information

- Ensure the installation location receives adequate direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- Keep the solar panel clean from dust, dirt, and debris to maintain charging efficiency.
- Handle the product with care to avoid damage to the solar panel or LED components.
- This product is designed for outdoor use. Do not install indoors.

3. Product Components

The CVXDD Solar Street Light W789a-4 typically includes the following components:

- Solar Street Light Unit (with integrated solar panel, LED array, and battery)
- Mounting Bracket
- Remote Control (if applicable to your specific package)
- Installation Hardware (screws, anchors)



Image 3.1: Overview of the solar street light and its potential accessories, including a remote control, solar panel, and LED array details.

4. Specifications

Feature	Specification
Model	W789a-4
Brand	CVXDD
Light Source	LED Bulbs (504LED implied from product title)
Body Material	ABS
Voltage	6V
Power Source	Solar
Item Weight	50 g
Country of Origin	China

5. Setup and Installation

The CVXDD Solar Street Light is designed for easy installation. Follow these steps for optimal performance:

1. **Choose Location:** Select a location that receives direct sunlight for at least 6-8 hours daily. Avoid areas under trees, eaves, or other obstructions that might block sunlight.
2. **Mounting Surface:** Ensure the mounting surface (wall, pole, etc.) is sturdy enough to support the light's weight.
3. **Attach Bracket:** Secure the mounting bracket to your chosen surface using the provided screws and anchors.
4. **Mount Light:** Attach the solar street light unit to the mounting bracket. Ensure it is firmly secured and angled appropriately to maximize sun exposure for the solar panel.
5. **Initial Charge:** Allow the light to charge in direct sunlight for a full day (8-10 hours) before its first use to ensure the battery is fully charged.



Image 5.1: Top view of the solar street light, highlighting the integrated solar panel for charging.



Image 5.2: Example of the solar street light mounted on a wall, demonstrating typical installation.

6. Operating Instructions

The CVXDD Solar Street Light is designed for automatic operation, utilizing its integrated light sensor.

1. **Automatic Operation:** The light will automatically turn on at dusk and turn off at dawn, provided it has received sufficient solar charge during the day.
2. **Remote Control (if included):** If your model includes a remote control, you can use it to manually turn the light on/off, adjust brightness, or set a timer for specific lighting durations. Refer to the remote control's specific instructions for detailed functions.
3. **Motion Sensor (if applicable):** Some models may include a motion sensor. If present, the light will operate at a lower brightness and increase to full brightness when motion is detected within its range.



Image 6.1: Front view of the solar street light, displaying the LED arrays and the integrated control panel.

7. Maintenance

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

- **Clean 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.
- **Inspect for Damage:** Regularly check the light unit, mounting bracket, and wiring (if any) for signs of damage or wear. Address any issues promptly.
- **Battery Care:** The integrated battery is designed for long-term use. Avoid prolonged periods of storage without charging, as this can reduce battery life.

8. Troubleshooting

If your solar street light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is clean and receives direct sunlight for 6-8 hours daily. Relocate if necessary.
Light stays on during the day.	Light sensor obstructed or faulty.	Check if anything is covering the light sensor. Ensure no strong artificial light source is near the sensor.
Light is dim or flickers.	Low battery charge or aging battery.	Allow for a full day of charging. If the issue persists after prolonged use, the battery may be nearing the end of its lifespan.
Remote control not working.	Remote battery dead or out of range.	Replace remote control batteries. Ensure you are within the effective range of the remote.

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the retailer. Keep your proof of purchase for any warranty claims.

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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.

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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

Answered questions about this manual

I previously purchased the CVXDD Solar Street Light W789a-4 online; can I buy a replacement control circuit assembly as a set at an electronics store?

The official manual for the CVXDD Solar Street Light W789a-4 does not provide information regarding the availability of individual internal components, such as the control circuit assembly, at local electronics stores. The product is...

Read full answer

Is there a central service for the CVXDD W789a-4 Solar Street Light in Semarang, Indonesia? What is the price for a set of components, and what is the address?

The user manual for the CVXDD W789a-4 Solar Street Light does not provide information about central service centers, component prices, or specific addresses in Semarang, Indonesia, or any other location. For warranty information and...

Read full answer

I have replaced the battery in my CVXDD W789a-4 solar street light, but it only stays on for one second before turning off. Which components, such as the sensor or on/off switch, need to be replaced as a set?

If your CVXDD W789a-4 solar light turns off immediately after one second even with a new battery, the issue is likely related to the control circuit or the sensor rather than the battery itself....

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