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Wolf Guard JD-06 PIR YK

Wolf-Guard Solar Security Alarm System JD-06 User Manual

Model: JD-06 PIR YK

1. Product Overview

The Wolf-Guard Solar Security Alarm System JD-06 is an advanced outdoor security solution designed to protect your property with its powerful audible and visual alerts. This weather-proof system integrates solar power for continuous operation, a highly sensitive motion sensor, and convenient remote control functionality. It is ideal for securing residential houses, farms, villas, hotels, markets, and other areas requiring robust security.



Image: The complete Wolf-Guard Solar Security Alarm System JD-06, showing the main siren unit, a passive infrared (PIR) motion sensor, and two remote control key fobs.

2. Package Contents

Upon unboxing, please verify that all components listed below are present and in good condition:

- 1 x Solar Security Siren Unit (JD-06)
- 1 x Motion Sensor (PIR)
- 2 x Remote Controllers
- 1 x Battery (pre-installed or separate, Lithium Metal)
- Mounting Hardware (screws, wall plugs)
- User Manual (this document)



Image: Two black remote controllers with four buttons each: lock, unlock, home arm, and SOS.

3. Key Features

- **Solar Power Integration:** Equipped with a large solar charging panel, the system converts solar energy into electrical power, ensuring continuous operation and environmental sustainability. The large capacity battery and low power consumption allow the system to function normally for up to 15 days even in cloudy or rainy conditions.
- **Audible and Visual Alarm:** The siren produces a powerful 120dB sound, audible from over 100 meters, complemented by a flashing strobe light visible from a distance. This dual alert system effectively deters intruders.
- **Motion Activated Sensor:** The sensitive PIR motion sensor detects movement within an 80-meter range (without obstacles), triggering the alarm with sound and red flash light. It is designed to detect human movement.
- **Waterproof and Tamper-Proof Design:** The outdoor siren unit features a robust, waterproof, and tamper-proof design, ensuring reliable performance in various weather conditions.
- **Easy Installation:** Designed for self-installation, the unit can be easily mounted in locations with sufficient sunlight.

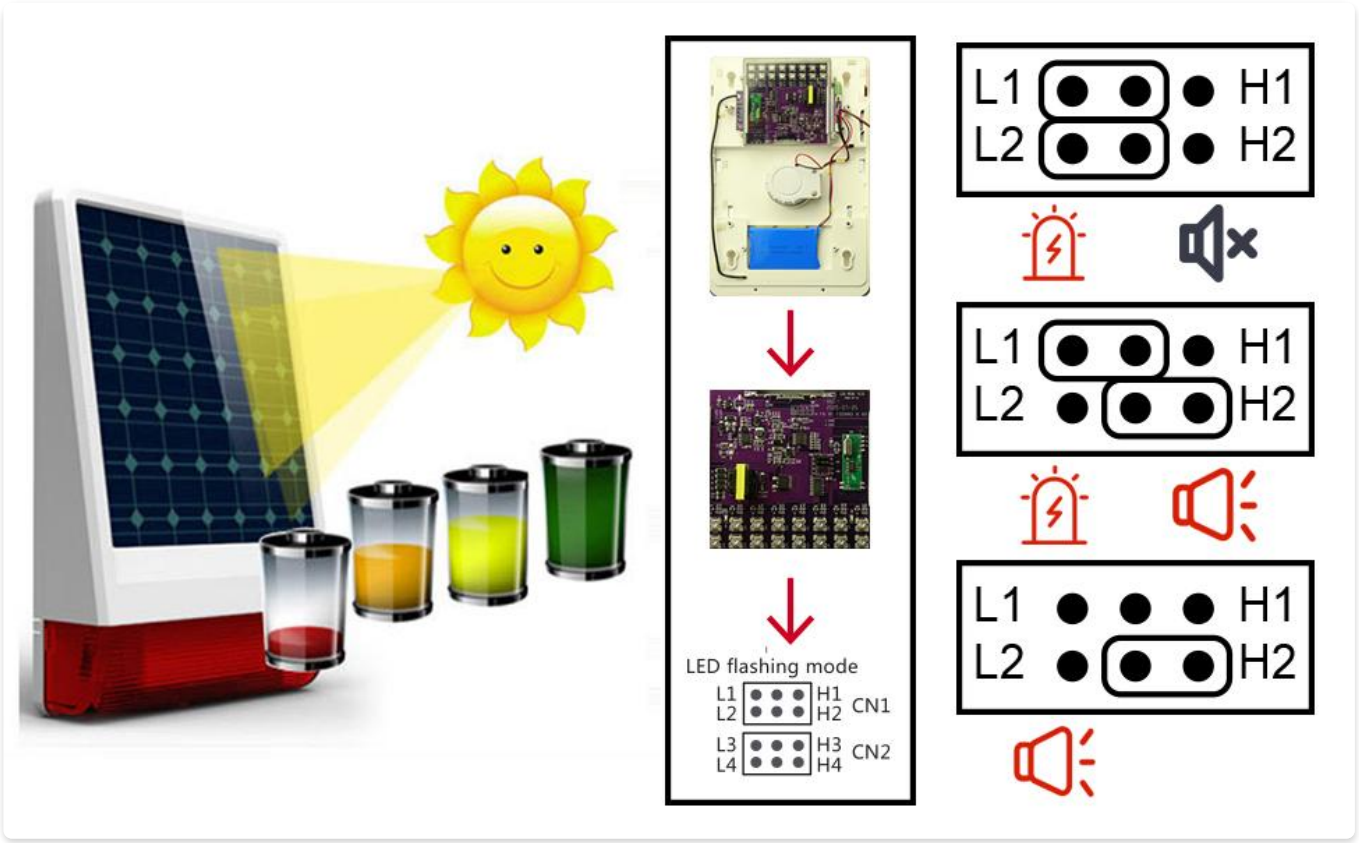


Image: Illustration showing the solar panel charging the internal battery, with indicators for battery levels.



Image: A graphic depicting the siren unit emitting loud sound waves and bright light, emphasizing its deterrent capabilities.

4. Installation Guide

The JD-06 system is designed for self-installation. Follow these steps for optimal placement and setup:

1. **Choose a Location:** Select a wall-mount location for the siren unit that receives ample direct sunlight throughout the day to ensure efficient solar charging. Ensure it is within effective range of the motion sensor and remote controllers.
2. **Mount the Bracket:**

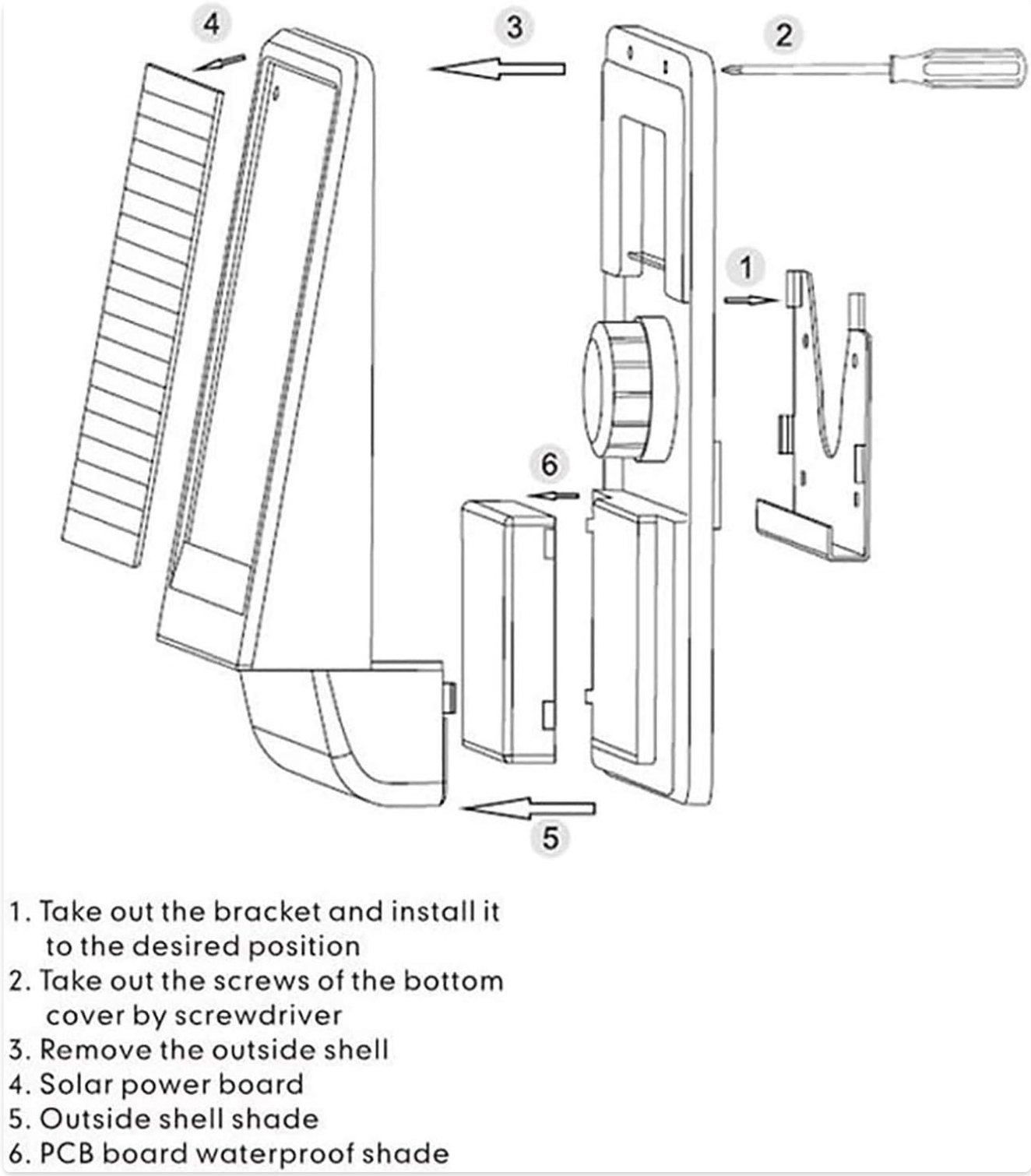


Image: An exploded diagram illustrating the internal components and assembly process of the siren unit, including the bracket, screws, outer shell, solar board, and waterproof shade.

Take out the mounting bracket from the siren unit. Position the bracket on the desired wall and mark the drilling points. Drill holes, insert wall plugs (if necessary), and secure the bracket firmly with screws.

3. **Attach the Siren Unit:** Align the siren unit with the mounted bracket and slide it into place until it clicks securely.
4. **Motion Sensor Placement:** Install the motion sensor in an area where it can effectively cover the desired detection zone, such as an entry point or a high-traffic area. Ensure it has a clear line of sight and is not obstructed. The maximum detection range is 12 meters.
5. **Initial Charging:** Although solar-powered, it is recommended to fully charge the unit via the included power adapter before first use, especially if the unit has been stored for an extended period or if initial installation occurs during prolonged cloudy weather.



Image: The rear of the siren unit showing the power input port and a connected power adapter, along with a QC Passed sticker.

5. Operation

The system is controlled primarily using the provided remote controllers.



Image: A close-up of the remote control, highlighting the "Leave away" (armed), "At home" (disarmed), and "SOS" buttons.

- **Arming the System (Leave Away Mode):** Press the **locked padlock icon** button on the remote. The siren will emit a single beep, indicating the system is armed. Any detected motion by the sensor will trigger the alarm.
- **Disarming the System (At Home Mode):** Press the **unlocked padlock icon** button on the remote. The siren will emit two beeps, indicating the system is disarmed.
- **SOS Function:** In case of emergency, press the **SOS button** on the remote. The siren will immediately activate, regardless of the system's armed status.
- **Alarm Trigger:** When the system is armed and the motion sensor detects movement, the 120dB siren will sound, and the strobe light will flash. The alarm will continue for a set duration or until disarmed.

6. Maintenance

To ensure the longevity and optimal performance of your Wolf-Guard alarm system, consider the following maintenance tips:

- **Solar Panel Cleaning:** Periodically clean the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Battery Performance:** The internal Lithium Metal battery is designed for long life. In periods of prolonged low sunlight (e.g., winter, extended cloudy days), the battery may require supplemental charging via the power adapter.
- **Motion Sensor Check:** Ensure the motion sensor lens is clean and free from obstructions. Test its detection range periodically.
- **Physical Inspection:** Regularly inspect the siren unit and motion sensor for any signs of physical damage or tampering.

7. Troubleshooting

Problem	Possible Cause	Solution
Siren not sounding or flashing.	Low battery; System not armed; Sensor not triggered; Faulty unit.	Charge the unit fully. Ensure the system is armed. Verify motion sensor placement and functionality. Contact support if issues persist.
Remote controller not working.	Remote battery low; Out of range; Pairing issue.	Replace remote battery. Move closer to the siren unit. Refer to pairing instructions (if available, not in current data).

Problem	Possible Cause	Solution
Alarm triggers unexpectedly.	Motion sensor false alarm (pets, swaying objects); Sensor malfunction.	Adjust motion sensor sensitivity or reposition to avoid false triggers. Ensure no objects are moving within its detection zone.
Battery drains quickly.	Insufficient sunlight for solar charging; Excessive alarm triggers.	Relocate the siren unit to an area with more direct sunlight. Reduce false alarms. Perform supplemental charging via power adapter.

8. Specifications

Feature	Detail
Model Number	JD-06 PIR YK
Brand	Wolf Guard
Power Source	Solar Powered
Battery Type	Lithium Metal (1 required)
Voltage	12 Volts
Siren Volume	120dB
Motion Sensor Range	Up to 80m (no obstacle), Detection: 12 Meters
Control Method	Remote
Mounting Type	Wall Mount
Product Dimensions (Siren)	30L x 19W x 6.8H centimetres (approx. 32.5 x 19.5 x 7.5 cm; 1.15 kg)
Item Weight	1.15 kg
UPC	711005689694

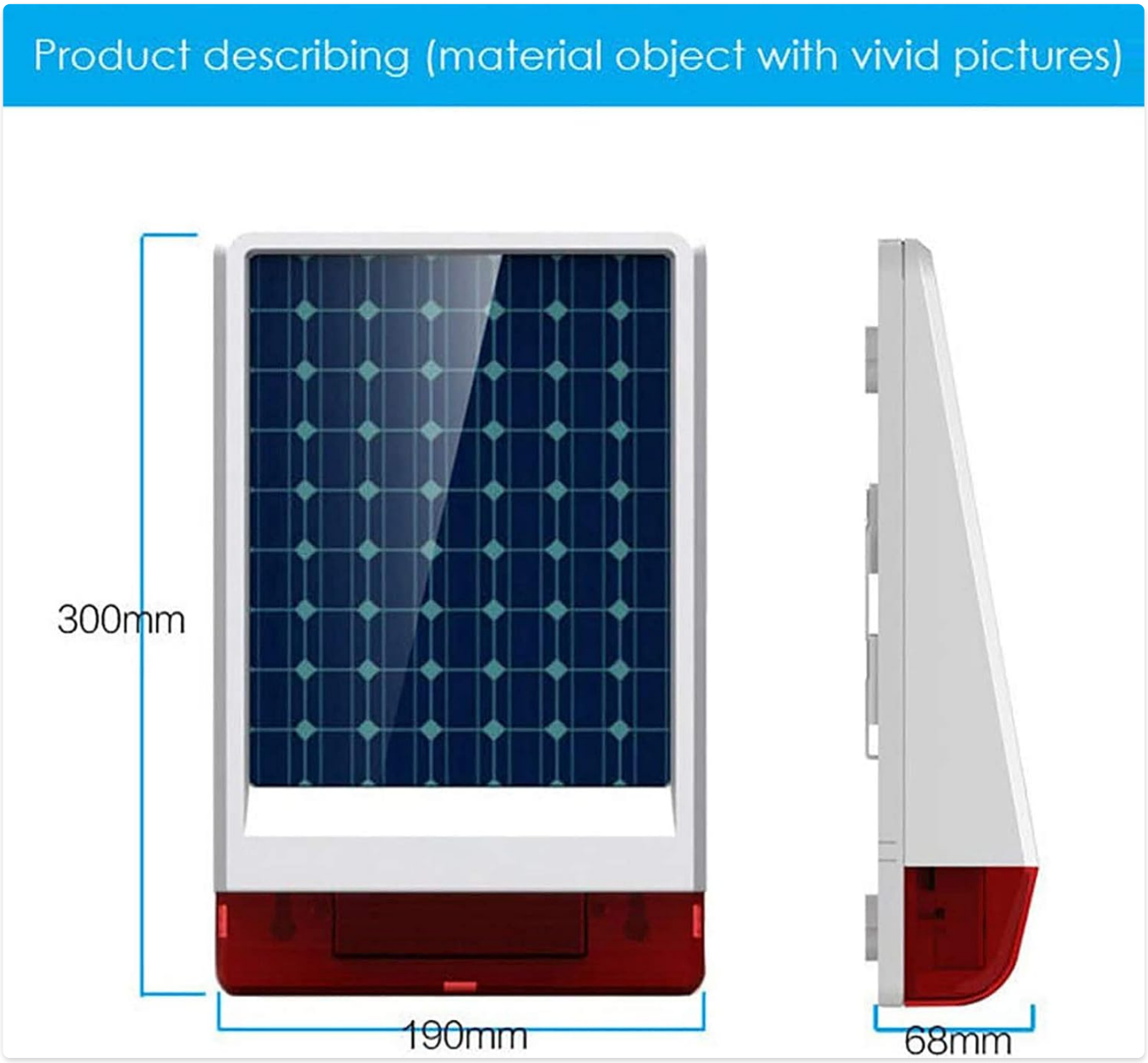


Image: Diagram showing the dimensions of the siren unit: 300mm height, 190mm width, and 68mm depth.



Image: An illustration demonstrating the detection pattern of the PIR motion sensor, showing red beams covering an area where a person is detected.

9. Warranty and Support

For any warranty claims, technical support, or inquiries regarding your Wolf-Guard Solar Security Alarm System JD-06,

please contact the seller or manufacturer directly. Retain your purchase receipt as proof of purchase.
Seller: Wolf-Guard Alarm 11
Manufacturer: ChiTongDa

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