



[Manuals.plus](#) /

› [ChunHee](#) /

› ChunHee Solar Outdoor Motion Sensor Alarm User Manual

ChunHee Solar Outdoor Motion Sensor Alarm

ChunHee Solar Outdoor Motion Sensor Alarm User Manual

Model: Solar Outdoor Motion Sensor Alarm

1. INTRODUCTION

The ChunHee Solar Outdoor Motion Sensor Alarm is designed to deter unwanted animals and intruders from your property using a combination of motion-activated strobe lights and loud sounds, including dog barking and gunshot effects. This device is solar-powered, environmentally friendly, and suitable for various outdoor environments.

Outdoor Motion Sensor Alarm

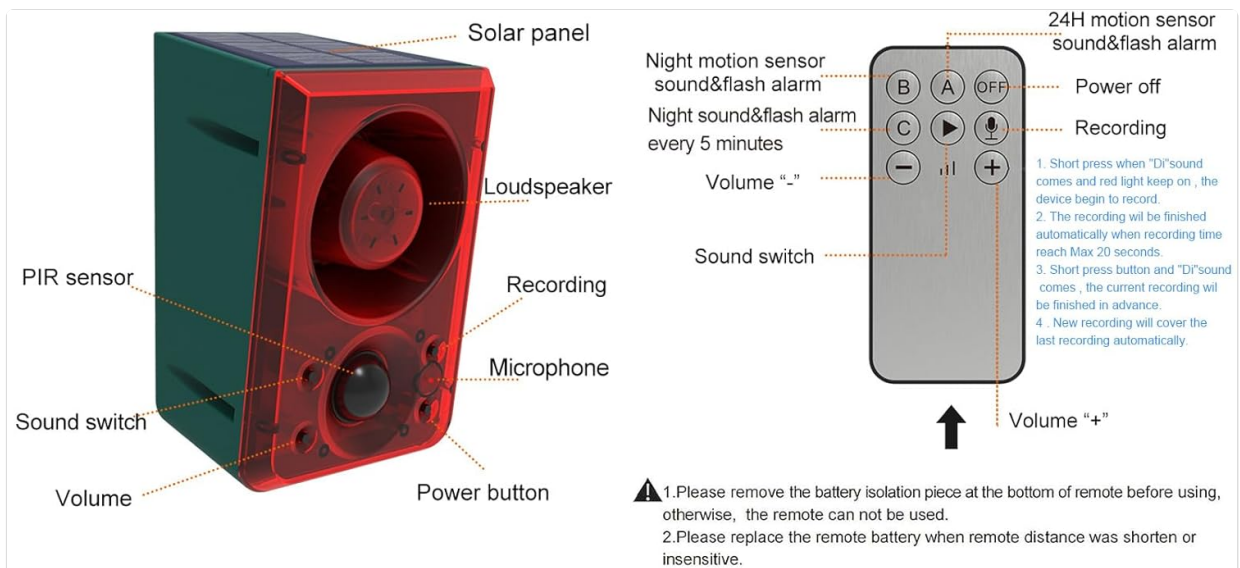
Scare away deer and bear and all kinds of wild animals protecting home and property from destruction



Image 1.1: The Solar Outdoor Motion Sensor Alarm in an outdoor setting, illustrating its detection capabilities for animals like deer, bears, raccoons, and coyotes within a 110-degree angle and 33ft distance.

2. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Solar Outdoor Motion Sensor Alarm:



What's in the package



Solar Alarm



Remote



USB cable



Screws

Image 2.1: Labeled diagram showing the solar panel, loudspeaker, PIR sensor, sound switch, volume control, power button, recording button, microphone, DC charge port, and mounting port.

- **Solar Panel:** Converts sunlight into electrical energy to charge the internal battery.
- **Loudspeaker:** Emits alarm sounds.
- **PIR Sensor:** Passive Infrared sensor detects motion within its range.
- **Sound Switch:** Toggles between different sound options.
- **Volume Control:** Adjusts the alarm volume.
- **Power Button:** Turns the device on/off and cycles through modes.
- **Recording Button:** Initiates custom sound recording.
- **Microphone:** Captures custom sound recordings.
- **DC Charge Port:** For alternative charging via USB cable.
- **Mounting Port:** For secure installation.

3. FEATURES

- **Motion Detection:** PIR sensor detects movement within 5-8 meters and a 110-degree angle.
- **Loud Alarm:** Produces a 130dB alarm sound to deter intruders and animals.
- **Strobe Light:** Flashing lights accompany the alarm sound for visual deterrence.
- **Sound Options:** Includes default dog barking and gunshot sounds.

- **Custom Recording:** Allows users to record their own alarm sounds (up to 20 seconds).
- **Adjustable Volume:** Three levels of volume adjustment.
- **Solar Powered:** Equipped with a high-capacity solar panel for continuous operation.
- **Weatherproof:** IP65 waterproof design ensures durability in various weather conditions.
- **Multiple Work Modes:** Three distinct operating modes for different needs.



Image 3.1: The alarm's ability to support DIY recording and produce a 129dB sound, shown deterring an intruder while residents sleep peacefully.

IP65 Waterproof

Free use in different weather conditions



Image 3.2: The alarm mounted on a fence during rain, highlighting its IP65 waterproof, windproof, snowy, and foggy weather resistance.

4. SETUP

1. **Initial Charge:** Before first use, ensure the solar alarm charges under direct sunlight for at least 1 full day (24 hours). This activates the battery and ensures optimal performance.
2. **Remote Control Activation:** Remove the battery isolation piece from the bottom of the remote control before use.

5. OPERATING MODES

The alarm offers three operating modes, selectable via the power button on the device or the remote control:

Deters "unwelcomer" with Different Working Modes



Mode A: Full day 24 hour flash and alarm

Alarm and flash when motion is detected 24 hours a day



Mode B: Night 12 hour flash and alarm

Alarm and flash when motion is detected at night



Mode C: Night 12 hour flash and alarm every 5 minutes

Alarm and flash every 5 minutes at night

Image 5.1: Visual representation of the three operating modes: Mode A (24-hour flash and alarm), Mode B (Night 12-hour flash and alarm), and Mode C (Night 12-hour flash and alarm every 5 minutes).

- **Mode A (24-hour Flash and Alarm):** When motion is detected, the alarm will sound and flash for 24 hours a day.
- **Mode B (Night 12-hour Flash and Alarm):** When motion is detected, the alarm will sound and flash only during nighttime hours.
- **Mode C (Night 12-hour Flash and Alarm Every 5 Minutes):** During nighttime, if motion is detected, the alarm will sound and flash every 5 minutes.

Press the power button once to activate Mode A, twice for Mode B, three times for Mode C, and four times to power off the device.

6. RECORDING FUNCTION

The alarm allows you to record a custom sound for personalized deterrence:

1. **Initiate Recording:** Long press the recording button for 2 seconds. The indicator light will stay on, signaling that recording has begun.
2. **Record Sound:** Speak clearly into the microphone. The device can record up to 20 seconds.
3. **End Recording:** Release the button to finish recording. The recording will automatically end after 20 seconds

if the button is not released.

4. **Overwrite:** A new recording will automatically overwrite the previous one.

The recording distance affects the playback effect. Ensure you are close enough to the microphone for clear audio capture.

7. CHARGING

Your ChunHee Solar Outdoor Motion Sensor Alarm supports two charging methods:



Image 7.1: Illustration of the solar panel charging under sunlight and the DC charge port for USB charging.

- **Solar Charging:** The integrated solar panel charges the internal battery using sunlight. For optimal charging, ensure the device is placed where it receives at least 4 hours of direct sunlight daily. Charging efficiency may vary with weather conditions and seasons.
- **DC Charging:** For faster charging or during periods of low sunlight, use the provided USB cable with a DC 5V ≤ 1A charger. DC charging typically takes less than 2 hours.

8. INSTALLATION & PLACEMENT

Proper installation and placement are crucial for the alarm's effectiveness:

- **Sunlight Exposure:** Mount the alarm in a location that receives ample direct sunlight throughout the day to maximize solar charging.
- **Detection Area:** Position the alarm to face the direction of animal activity or potential entry points. The PIR sensor has a 110-degree sensing angle and detects movement within 5-8 meters.
- **Mounting:** Use the provided installation kit (screws) to securely hang the alarm.
- **Versatile Use:** The alarm is suitable for various outdoor locations, including farms, coops, barns, camping sites, homes, gardens, and yards.

Extensive Use Scenarios



Image 8.1: Examples of extensive use scenarios, including a garden, orchard, camping area, and courtyard, demonstrating the alarm's adaptability.

9. MAINTENANCE

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust and debris, ensuring efficient charging.
- **Remote Battery:** If the remote control's operating distance shortens or becomes insensitive, replace its battery.
- **Seasonal Care:** In regions with prolonged cloudy or rainy weather, consider bringing the alarm indoors for manual DC charging to maintain battery levels.

10. TROUBLESHOOTING

Issue	Possible Cause	Solution
Alarm not activating	Insufficient charge; PIR sensor obstructed; device off or in incorrect mode.	Ensure initial 24-hour charge. Verify solar panel receives direct sunlight. Check for obstructions in front of the PIR sensor. Confirm device is powered on and in the desired operating mode.
Remote control not working	Battery isolation piece not removed; low remote battery; out of range.	Remove the battery isolation piece. Replace the remote battery if needed. Ensure you are within a few feet of the alarm for remote operation.
Animals not deterred immediately	Animals may need time to adapt to the deterrent.	It may take between two and four weeks for some animals to respond to the deterrent. Maintain consistent operation.
Inconsistent detection range	Low battery charge; environmental factors.	Ensure the device is fully charged. Optimal range is achieved with a full battery. Avoid placing near heat sources or objects that might interfere with PIR detection.

11. SPECIFICATIONS

Feature	Detail
Brand	ChunHee
Power Source	Solar Powered
Product Dimensions	5"L x 3"W x 5"H
Control Method	Remote, Touch
Audible Noise	129 Decibels
Mounting Type	Wall Mount
Maximum Range (PIR)	8 Meters (approx. 26 feet)
Sensor Technology	Passive Infrared (PIR)
Item Weight	2.02 Kilograms
Waterproof Rating	IP65

12. OFFICIAL PRODUCT VIDEOS

Outdoor Motion Sensor Alarm Overview

Your browser does not support the video tag.

Video 12.1: This video provides a comprehensive overview of the ChunHee Solar Outdoor Motion Sensor Alarm, demonstrating its features, working principle, and application in various outdoor settings to deter animals and intruders.

Barking Dog Alarm Demonstration

Your browser does not support the video tag.

Video 12.2: A short demonstration of the barking dog alarm sound feature, showing how it activates upon motion detection to scare away potential threats.

13. WARRANTY & SUPPORT

For any questions or further assistance regarding your ChunHee Solar Outdoor Motion Sensor Alarm, please refer to the included user manual or contact ChunHee customer support. Specific warranty details may be provided with your purchase documentation.