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ChunHee SL15-1

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1. PRODUCT OVERVIEW

The ChunHee Outdoor Motion Sensor Alarm is a versatile security device designed to deter unwanted animals and intruders from your property. Featuring 360° motion detection, a loud 129dB siren, and a strobe light, it offers multiple sound options including dog barking and a recording function. It is solar-powered with USB charging capability and built to withstand various weather conditions.



Figure 1: ChunHee Outdoor Motion Sensor Alarm.

2. KEY FEATURES

- **360° Motion Detection:** Accurately detects movement within 16ft-26ft, covering all approach directions.
- **Multiple Sound Options:** Includes 13 default sounds (e.g., dog barking, gunshot, wolf howl, gong sound, eagle calls, firecrackers, lion roar, pig drive sound, explosion sound, DI DI sound, car speaker sound, alarm sound, bell, siren) and supports 20-second custom recording.
- **Loud Siren & Strobe Light:** Emits a powerful 129dB sound and flashing lights to deter intruders.
- **Solar Powered & USB Charging:** Flexible power supply options for continuous operation.
- **Durable Design:** IP65 waterproof rating, suitable for various outdoor environments.
- **Remote Control:** Conveniently arm/disarm and switch modes.



Figure 2: Alarm deterring various animals like deer, coyote, porcupine, bear, hawk, and groundhog.

3. PACKAGE CONTENTS

Ensure all items are present in the package:

- 1 x ChunHee Solar Motion Sensor Alarm Outdoor
- 1 x Remote Control
- 1 x USB Charging Cable
- Mounting Screws/Bolts
- Ground Insertion Stake

Video 1: Unboxing and overview of the Solar Alarm Packing List, showing all included components.

4. SETUP AND INSTALLATION

4.1 Component Identification

Ours

VS

Others



Detection angle: 360°



Detection angle: 110°



Recording+13 Default Sounds



Only 1 kind of sound



2method, hanging and ground insertion



Only hanging

Figure 3: Overview of the alarm unit, highlighting the solar panel, motion sensor, strobe LED, and different mounting options.

4.2 Ground Insertion

For ground insertion, attach the ground stake to the bottom of the alarm unit. Ensure the stake is firmly inserted into the ground in a location with direct sunlight for optimal solar charging and clear line of sight for motion detection.

Many Ways to Use the Solar Powered Motion Sensor Alarm



Figure 4: Alarm unit installed using the ground stake in a garden setting.

4.3 Wall Mounting

For wall mounting, use the provided screws and bolts to secure the rotating bracket to a wall or fence. Attach the alarm unit to the bracket, adjusting the angle for optimal coverage. Ensure the solar panel faces direct sunlight.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Locate the power switch on the bottom of the unit. Press and hold to turn the device on or off. The device will indicate its status with a light or sound.

5.2 Mode Selection and Sound Switching

The alarm features 13 pre-set sounds. Short press the sound switch button on the bottom of the unit or use the remote control to cycle through the available sounds. The default sounds are dog barking and gunshot.

5.3 Recording Function

The device supports custom voice recording up to 20 seconds. Long press the recording button on the bottom of the unit to start recording. Release to stop. This recorded sound will then be used as an alarm sound when triggered.



Figure 5: Alarm unit demonstrating the recording function, capable of storing a 20-second custom message.

5.4 Motion Detection

The alarm is equipped with three motion detectors providing 360° coverage. When motion is detected within the 16ft-26ft range, the siren and strobe light will activate according to the selected mode.

Video 2: Demonstration of the ChunHee Motion Sensor Alarm Outdoor, showcasing its detection capabilities, sound options, and overall functionality.

6. POWER SUPPLY

The ChunHee Outdoor Motion Sensor Alarm offers flexible power options:

- **Solar Powered:** The integrated solar panel charges the internal battery during daylight hours. Ensure the panel is exposed to direct sunlight for optimal performance.
- **USB Charging:** For initial charge or during periods of low sunlight, use the provided USB cable to charge the

device via the DC charge port.



Figure 6: Illustration of the solar charging and USB charging capabilities of the alarm unit.

7. PRODUCT USE SCENARIOS

This versatile alarm can be used in various outdoor settings to protect your property:

- **Home & Villa:** Secure your residential areas from intruders.
- **Yard & Garden:** Protect plants and crops from animals like deer, rabbits, and squirrels.
- **Chicken Coop & Farm:** Deter predators such as wolves, coyotes, and bears.
- **Barn & Outbuildings:** Safeguard livestock and stored goods.
- **Camping:** Provide an early warning system against wildlife or unauthorized access.

Flexible Ways for Power Supply



Figure 7: Examples of the alarm's application in courtyards, farmlands, camping sites, and orchards.

8. SPECIFICATIONS

Feature	Detail
Brand	ChunHee
Model Number	SL15-1
Power Source	Solar Powered
Item Weight	0.41 Kilograms
Mounting Type	Wall Mount, Ground Insertion
Motion Detection Range	16ft-26ft
Motion Detection Angle	360°
Sound Level	Up to 129dB
Waterproof Rating	IP65

9. TROUBLESHOOTING

- **Alarm not activating:** Ensure the device is powered on and fully charged. Check for obstructions in the motion sensor's field of view. Verify the motion detection range and angle are suitable for your needs.
- **Low siren volume:** Ensure the volume setting is adjusted to maximum. Check for any physical obstructions around the speaker.
- **Battery not charging:** Ensure the solar panel is clean and exposed to direct sunlight for several hours daily. If using USB, ensure the cable and power source are functional.
- **Remote control not working:** Check the remote control's battery. Ensure you are within the effective range of the alarm unit.

10. MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel and motion sensor lens with a soft, damp cloth to ensure optimal performance. Do not use abrasive cleaners.
- **Battery Care:** For prolonged periods of non-use, store the device in a cool, dry place and ensure it is fully charged periodically to maintain battery health.
- **Environmental Considerations:** While IP65 rated, avoid submerging the device in water or exposing it to extreme temperatures beyond its operating limits.

11. WARRANTY AND SUPPORT

ChunHee products come with a standard manufacturer's warranty. For specific warranty details, product support, or any inquiries, please refer to the contact information provided with your purchase or visit the official ChunHee website. We aim to respond to all inquiries within 24 hours.