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› Clouree 433MHz Wireless Outdoor Solar Alarm Siren User Manual

Clouree Alarm Siren

Clouree 433MHz Wireless Outdoor Solar Alarm Siren User Manual

Model: Alarm Siren | Brand: Clouree

1. INTRODUCTION AND OVERVIEW

The Clouree 433MHz Wireless Outdoor Solar Alarm Siren is a robust and reliable security device designed to enhance the safety of your property. This solar-powered siren integrates seamlessly with compatible 433MHz security systems, including PG103, PG105, PG107, and PG108 alarm hosts. When triggered by a connected sensor or detector, it emits a powerful 110-decibel siren and activates a flashing red LED light, effectively deterring intruders and alerting nearby individuals to potential security breaches.

Engineered for outdoor use, the siren features an IP65 waterproof rating, ensuring its resilience against various weather conditions. Its solar charging capability provides continuous operation without the need for external power wiring, offering a convenient and eco-friendly security solution.



Image: Front view of the Clouree Wireless Outdoor Solar Alarm Siren, showing the solar panel, speaker grille, and red flashing light.

2. PRODUCT FEATURES

- **433MHz Wireless Connectivity:** Ensures reliable communication with compatible alarm hosts and sensors.
- **High-Decibel Siren:** Produces a loud 110dB alarm to effectively deter intruders and alert surroundings.
- **Integrated LED Flashing Light:** Provides visual alerts alongside the audible alarm for enhanced visibility.

- **Solar-Powered Operation:** Equipped with a solar panel for continuous charging of the built-in 1000mAh lithium battery, reducing reliance on external power.
- **IP65 Waterproof Rating:** Designed to withstand harsh outdoor environments, offering protection against dust and water ingress.
- **Wide Compatibility:** Supports connection with PG103, PG105, PG107, PG108, PG109, and PG106 alarm systems, as well as various wireless sensors and remote controls.
- **Tamper Alarm:** Features a tamper detection mechanism for added security.



Image: Key features of the Clouree Solar Sound Strobe Light Alarm, highlighting acoustic strobe siren, solar power, waterproof design, no wire, tamper alarm, and low voltage alarm.

High pitched alarm

On site alarm with strong deterrent effect.



Image: Demonstration of the high-pitched alarm, showing a sound level meter indicating 100dB, emphasizing its strong deterrent effect.

Built-in battery

Using a 1000mAh battery for long-lasting endurance.



Image: Illustration of the built-in 1000mAh battery and its long-lasting endurance, powered by the integrated solar panel.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and in good condition:

- Wireless Solar Outdoor Siren ×1
- Mounting Screws ×1 set
- User Manual ×1

4. SETUP AND INSTALLATION

The Clouree Solar Alarm Siren is designed for easy installation. Please follow these steps carefully:

1. **Choose a Location:** Select an outdoor location that receives ample direct sunlight throughout the day for optimal solar charging. Ensure the location is suitable for sound propagation and visual alerts. The siren is designed for wall mounting.
2. **Mounting:** Use the provided mounting screws to securely attach the siren to a wall or sturdy surface. Ensure it is mounted at a height that maximizes visibility and sound projection, while also being difficult for unauthorized access.
3. **Initial Charge:** Although solar-powered, it is recommended to allow the siren to charge under direct sunlight for at least 24 hours before initial use to ensure the built-in battery is sufficiently charged.
4. **Compatibility Check:** This outdoor alarm siren does not have built-in motion detection and must be connected to an external sensor or detector. It is compatible with 433MHz wireless sensors, remote controls, and specific Clouree alarm hosts.
5. **Pairing with Alarm System/Sensors:**
 - Refer to the user manual of your specific Clouree alarm host (e.g., PG103, PG105, PG107, PG108, PG109, PG106) or wireless sensors for detailed pairing instructions.
 - Typically, this involves putting your alarm host into pairing mode and then activating the siren's pairing function (often a button on the device or a sequence via remote).
 - The siren can be connected to wireless sensors and remote controls with a range of up to 30 meters.

Entry sensor only works for 433MHz home security system


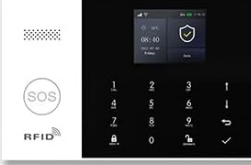

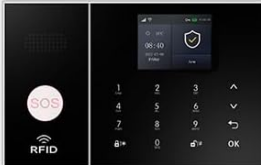


<p>Product Appearance</p>			
<p>Host Model</p>	<p>PG-103</p>	<p>PG-105</p>	<p>PG-107</p>
<p>Applicability</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>Product Appearance</p>			
<p>Host Model</p>	<p>PG-108</p>	<p>PG-109</p>	<p>PG-106</p>
<p>Applicability</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>

Image: Chart illustrating compatibility of the entry sensor (siren) with various 433MHz Clouree home security system host models, including PG-103, PG-105, PG-107, PG-108, PG-109, and PG-106.



Image: Examples of multi-scene applications for the alarm siren, including garage, courtyard, outdoors (rural), warehouse, and school environments.

5. OPERATING INSTRUCTIONS

Once installed and paired, the Clouree Solar Alarm Siren operates in conjunction with your connected security system and sensors.

- **Arming the System:** Use your security system's remote control or control panel to arm the system. When armed, the siren is ready to be triggered by any connected sensors (e.g., door/window sensors, PIR motion detectors).
- **Alarm Trigger:** If a connected sensor detects an intrusion (e.g., a door opening, motion detected), it will send a signal to the alarm host, which in turn activates the outdoor siren.
- **Siren and Light Activation:** Upon activation, the siren will emit a loud 110-decibel sound, and the integrated red LED light will flash, providing both audible and visual alerts.

- **Disarming the System:** Use your security system's remote control or control panel to disarm the system. This will silence the siren if it is currently alarming and prevent further triggers.
- **Remote Control (if applicable):** If your kit includes a remote control, it typically has buttons for Arm, Disarm, and SOS. Refer to the remote's specific instructions for its functions.



Image: A remote control device with buttons for Arm, Disarm, Pairing, and SOS, demonstrating convenient control over the alarm system.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Clouree Solar Alarm Siren, 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 obstruct sunlight and reduce charging efficiency. Avoid abrasive cleaners.
- **Battery Health:** The built-in lithium battery is designed for long-lasting endurance. Ensure the siren receives adequate sunlight exposure daily to keep the battery charged. In prolonged periods of low light, the battery may deplete, affecting performance.
- **Physical Inspection:** Regularly inspect the siren for any physical damage, loose mounting, or signs of wear. Ensure all connections are secure.
- **Weather Resistance:** While IP65 rated, extreme weather conditions (e.g., heavy snow accumulation on the solar panel) may temporarily affect performance. Clear any obstructions as needed.

7. TROUBLESHOOTING

If you encounter issues with your Clouree Solar Alarm Siren, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Siren does not activate or is not loud enough.	<p>Low battery charge.</p> <p>Not properly paired with alarm host/sensor.</p> <p>Sensor not triggering correctly.</p> <p>Obstruction of sound (e.g., mounted against a surface that muffles the speaker).</p>	<p>Ensure the siren receives sufficient direct sunlight for charging. Allow several hours of charging.</p> <p>Re-attempt the pairing process with your alarm host or sensors. Refer to Section 4.</p> <p>Test the connected sensor to ensure it is functioning and sending signals.</p> <p>Verify the mounting location does not obstruct the siren's speaker.</p>
Pairing with sensors/host fails.	<p>Incorrect pairing procedure.</p> <p>Out of range.</p> <p>Interference.</p>	<p>Carefully re-read and follow the pairing instructions for both the siren and your alarm host/sensors.</p> <p>Ensure the siren and the device you are pairing are within the effective wireless range (up to 30 meters).</p> <p>Minimize other 433MHz devices during pairing.</p> <p>If issues persist, contact Clouree customer support.</p>
LED light not flashing.	<p>Siren not triggered.</p> <p>Faulty LED.</p>	<p>Ensure the alarm system is armed and a sensor has been triggered.</p> <p>If the siren sounds but the light does not flash, contact customer support.</p>

8. SPECIFICATIONS

Attribute	Detail
Brand	Clouree
Model Number	Alarm Siren
Color	White
Power Source	Solar Powered
Compatible Devices	Motion Detector, Door/Window Sensors, Clouree Alarm Hosts (PG103, PG105, PG107, PG108, PG109, PG106)
Item Dimensions (L x W x H)	6.5 x 2.4 x 5 inches
Connectivity Technology	Wireless (433MHz)

Attribute	Detail
Installation Type	Screw-In (Wall Mount)
Item Weight	11.7 ounces (0.33 Kilograms)
Control Method	Remote
Maximum Wireless Range	30 Meters (approx. 98 feet)
Recommended Uses	Outdoor Security (e.g., Garage, Courtyard, Warehouse, School)
Included Components	Alarm Siren x1; User Manual x1
Sensor Technology	Requires external Contact Sensor, PIR Sensor
Battery Type	Lithium (Built-in 1000mAh)
IP Rating	IP65 Waterproof

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Clouree Solar Alarm Siren, please contact the manufacturer or seller directly. The product package includes a user manual, and the seller (Clouree) can be reached through the platform where the product was purchased.

If you experience issues with pairing or functionality, as mentioned in the troubleshooting section, prompt contact with customer support is recommended for assistance.