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## PGST E10D

# PGST Solar Motion Sensor Alarm E10D User Manual

Model: E10D | Brand: PGST

## 1. PRODUCT OVERVIEW

The PGST Solar Motion Sensor Alarm E10D is a self-sustaining security device designed for outdoor use. It integrates a motion sensor, a loud siren, and a strobe light to deter intruders and alert users. Its solar-powered design ensures continuous operation without external power sources, making it suitable for various locations.

- **Solar-Powered Operation:** Equipped with a high-efficiency solar panel and a rechargeable battery, it charges during the day for continuous operation.
- **Uninterrupted Power Supply:** Operates independently of the electrical grid, providing 24/7 protection even during power outages.
- **Effective Detection and Deterrence:** Advanced PIR (Passive Infrared) motion sensors detect movement, activating a powerful 120dB siren and strobe light.
- **Robust Weatherproof Construction:** IP65 rated design ensures protection against dust and water, allowing reliable function in harsh weather.
- **Simple Wire-Free Installation:** Designed for easy setup without complex wiring, offering flexible placement options.

## 2. SAFETY INFORMATION

- Ensure the device is mounted securely to prevent falling.
- Do not attempt to disassemble or modify the device, as this may void the warranty and cause damage.
- Keep the solar panel clean and free from obstructions to ensure optimal charging.
- Avoid directing the siren or strobe light directly at people or animals from close range.
- Dispose of the battery according to local regulations.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- 1x PGST Solar Motion Sensor Alarm (Model E10D)
- 1x Remote Control
- Mounting Accessories (screws, wall anchors)
- 1x USB Charging Cable
- 1x User Manual

### 4. FEATURES

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The PGST Solar Motion Sensor Alarm E10D offers a range of features for enhanced security:

- **Dual Charging:** Solar charging for daily power and USB charging for initial setup or low light conditions.
- **Adjustable Volume:** 3 levels of volume for the alarm sound.
- **Multiple Working Modes:** Three distinct modes to suit different security needs (All-day, Daytime, Night).
- **High-Decibel Alarm:** Produces a 120dB loud sound to effectively deter intruders.
- **Wide Detection Range:** Motion sensor covers a 110-degree angle with a range of up to 15 meters.
- **Remote Control:** Conveniently arm, disarm, adjust settings, and trigger SOS from a distance.

# SOLAR PIR ALARM



Solar  
Charging



USB  
Charging



3-Level  
Volume



3 Working  
Mode



IP65  
Waterproof



120dB  
Sound



Image: The PGST Solar Motion Sensor Alarm with its remote control, highlighting key features like solar charging, USB charging, 3-level volume, 3 working modes, IP65 waterproof rating, and 120dB sound.

# BE THERE, SECURE

Designed to withstand rainy, sunny, windy and even harsh weather conditions.



Image: The alarm device shown in a rainy environment, illustrating its IP65 weatherproof capability to withstand various weather conditions.

# THREE WORKING MODES

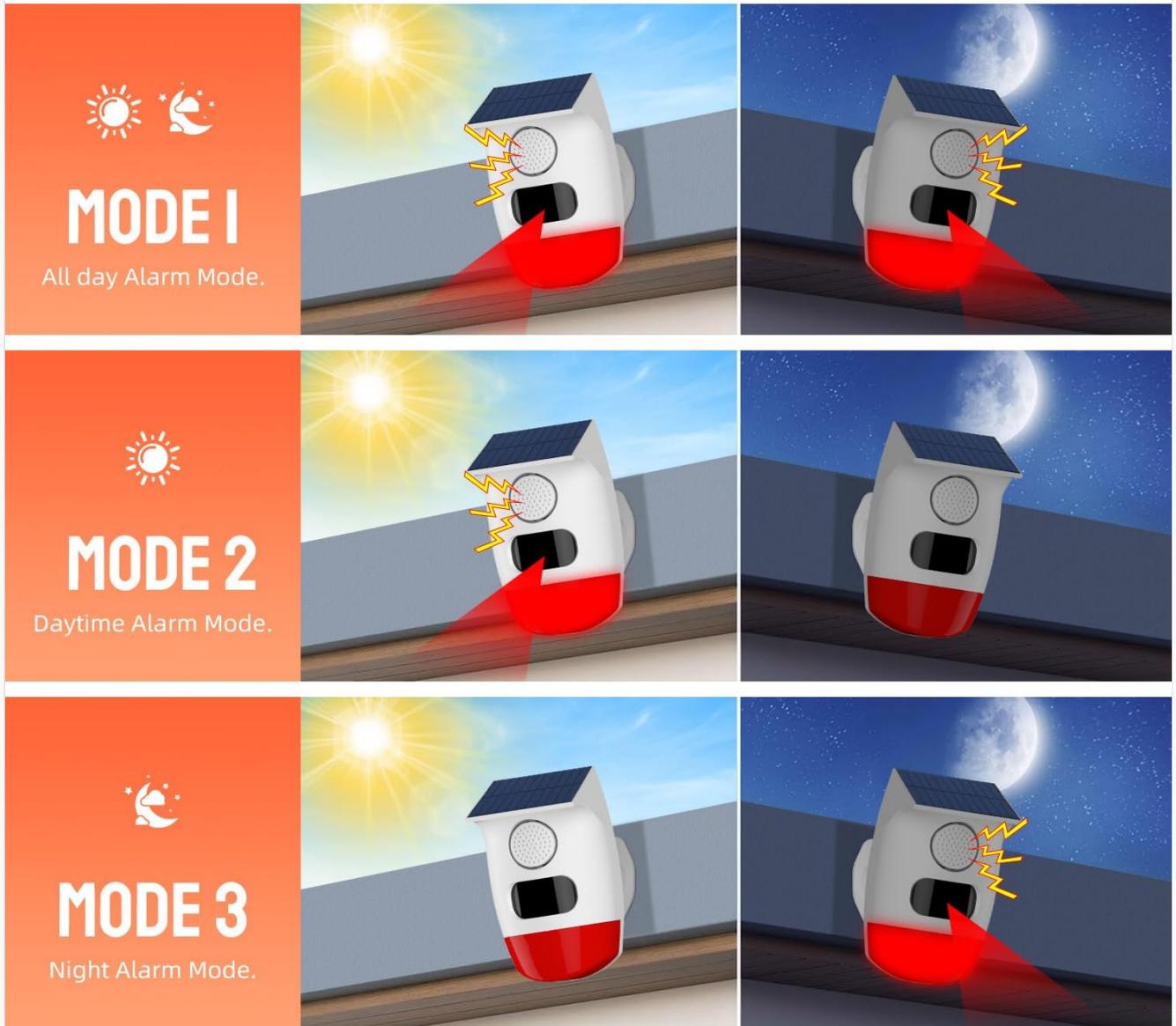


Image: A visual representation of the three working modes: Mode 1 (All-day Alarm), Mode 2 (Daytime Alarm), and Mode 3 (Night Alarm), showing how the alarm functions under different light conditions.

# PANORAMIC COVERAHE

Wide detection range.



Image: An illustration demonstrating the alarm's 110-degree wide detection range and a detection distance of 6 meters, highlighting its panoramic coverage.

# HIGH PITCHED ALARM

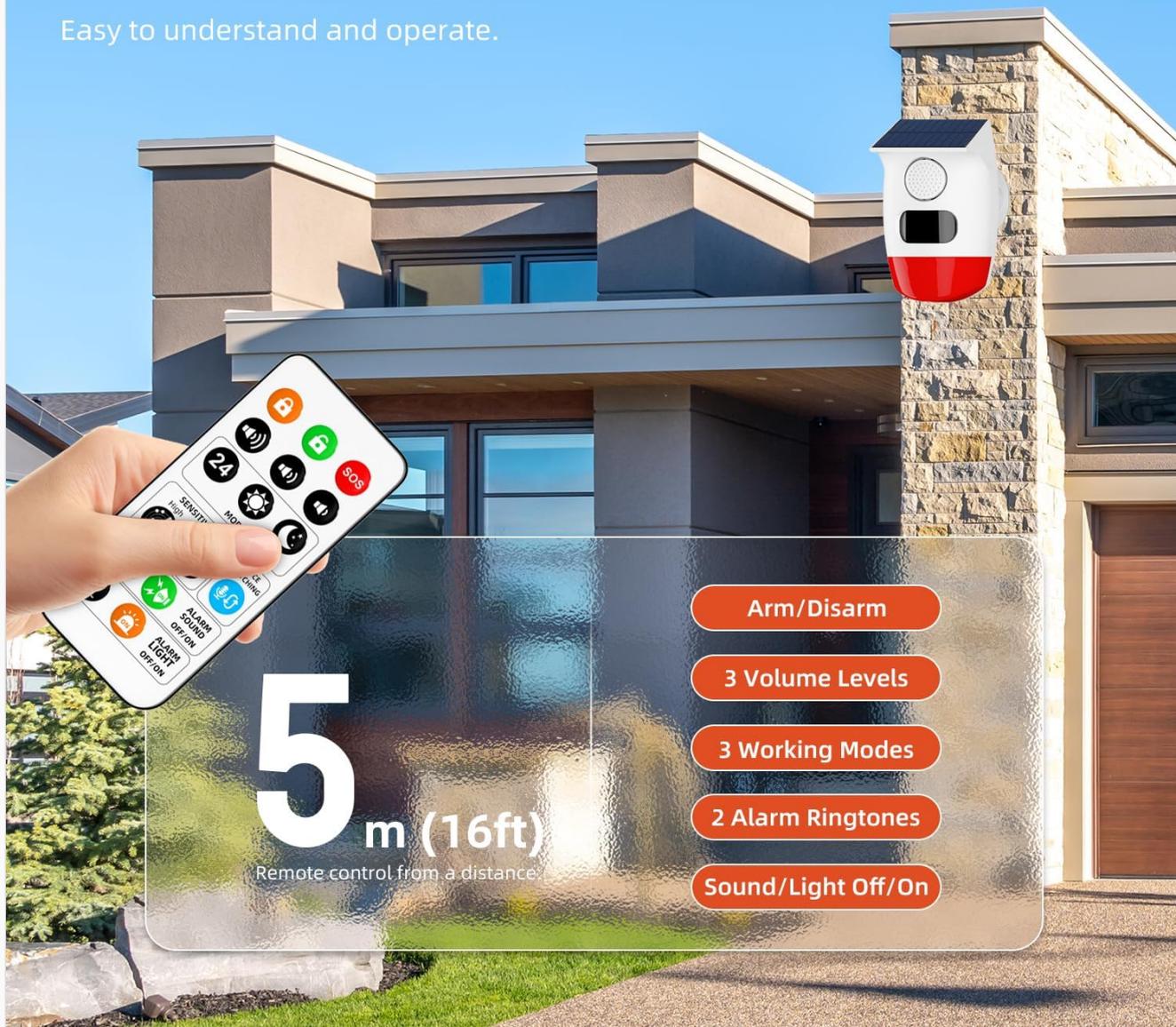
On site alarm with strong deterrent effect.



Image: The alarm device with a visual representation of its 120dB high-pitched alarm, indicating its strong deterrent effect.

# SMART CONTROL

Easy to understand and operate.



**5** m (16ft)

Remote control from a distance.

- Arm/Disarm
- 3 Volume Levels
- 3 Working Modes
- 2 Alarm Ringtones
- Sound/Light Off/On

Image: A hand holding the remote control, demonstrating its use for smart control functions like arm/disarm, volume levels, working modes, alarm ringtones, and sound/light on/off, with a remote range of 5 meters (16 feet).

# MULTIPURPOSE

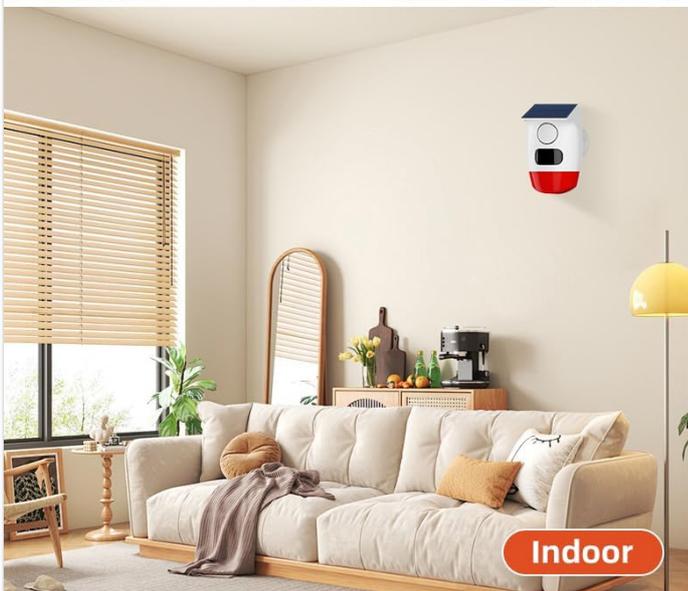
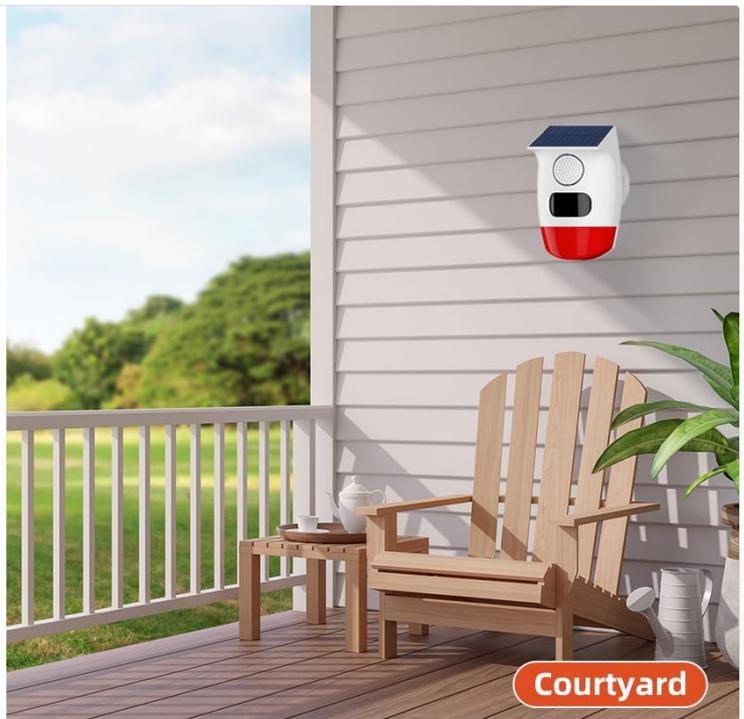


Image: Examples of the alarm's multipurpose use in different settings such as a garage, courtyard, indoors, and by a doorway.

## 5. SETUP

### 5.1 Initial Charging

Before first use, it is recommended to fully charge the device. The alarm can be charged via its solar panel or using the provided USB cable.

- **Solar Charging:** Place the device in direct sunlight for at least 24 hours to ensure a full charge.
- **USB Charging:** Connect the USB cable to the device and a 5V USB power adapter. Charge for approximately 8 hours until the charging indicator light changes (refer to device for specific indicator behavior).

### 5.2 Mounting the Device

The PGST Solar Motion Sensor Alarm is designed for wall mounting. Choose a location that receives ample sunlight for the solar panel and provides the desired detection coverage.

1. Select a suitable mounting location, ensuring the solar panel faces the sun.

2. Use the provided mounting accessories (screws and wall anchors) to securely attach the device to a wall or post.
3. Adjust the device angle if necessary to optimize solar exposure and motion detection area.



Image: Detailed dimensions of the PGST Solar Motion Sensor Alarm and its remote control, useful for planning installation space.

## 6. OPERATION

The alarm is controlled using the included remote control. Ensure you are within 5 meters (16 feet) of the device for optimal remote functionality.

### 6.1 Remote Control Functions

Button Icon	Function	Description
	Arm	Activates the alarm system.
	Disarm	Deactivates the alarm system.
<b>SOS</b>	SOS Alarm	Triggers an immediate alarm regardless of arm/disarm status.

Button Icon	Function	Description
	Volume Up	Increases alarm volume.
	Volume Down	Decreases alarm volume.
	Mute	Mutes the alarm sound.
<b>24</b>	Mode 1 (24-hour)	All-day alarm mode. Detects motion and alarms 24/7.
*	Mode 2 (Daytime)	Daytime alarm mode. Detects motion and alarms during daylight hours.
	Mode 3 (Night)	Night alarm mode. Detects motion and alarms during nighttime hours.
<b>High</b>	Sensitivity High	Sets motion detection sensitivity to high.
<b>Low</b>	Sensitivity Low	Sets motion detection sensitivity to low.
	Voice Switching	Switches between different voice prompts/tones (if available).
<b>Off</b>	Alarm Sound Off	Turns off the alarm sound.
<b>On</b>	Alarm Sound On	Turns on the alarm sound.
<b>Off</b>	Alarm Light Off	Turns off the strobe light.
<b>On</b>	Alarm Light On	Turns on the strobe light.

## 7. MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel and motion sensor lens with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners.
- **Battery Care:** Ensure the device receives adequate sunlight for charging. If stored for extended periods, fully charge the device every 3 months to maintain battery health.
- **Inspection:** Periodically check the mounting for stability and ensure all connections are secure.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not alarming/detecting motion.	Low battery, device not armed, sensor obstructed, incorrect mode.	Charge the device (solar or USB). Ensure the device is armed using the remote. Clear any obstructions from the sensor. Verify the correct working mode is selected.
Remote control not working.	Out of range, remote battery low, signal interference.	Move closer to the device (within 5 meters). Replace the remote control battery. Ensure no major obstructions are between the remote and the alarm.
False alarms.	High sensitivity, environmental factors (e.g., strong wind, small animals).	Reduce the motion sensor sensitivity using the remote control. Adjust the device's position to avoid areas with frequent environmental disturbances.

Problem	Possible Cause	Solution
Alarm sound is too low or off.	Volume setting, sound turned off.	Increase the volume using the remote control. Ensure the 'Alarm Sound On' button has been pressed.

## 9. SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	E10D
Color	White
Power Source	Solar Powered
Item Weight	3.2 ounces
Maximum Detection Range	15 Meters
Mounting Type	Wall Mount
Battery Description	Rechargeable battery charged by solar panel
Number of Batteries	1 A batteries required (included)
Item Dimensions (D x W x H)	1"D x 1"W x 1"H
Manufacturer	PGST

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or the official PGST website. Keep your purchase receipt as proof of purchase.

