

eMylo CT90R

eMylo CT90R Solar Motion Sensor Alarm Outdoor Instruction Manual

INTRODUCTION

The eMylo CT90R Solar Motion Sensor Alarm is designed to provide security for various outdoor and indoor environments. It features a 120dB alarm, strobe lights, remote control operation, and is IP65 waterproof. This manual provides instructions for the proper setup, operation, and maintenance of your device.



The eMylo Solar Motion Sensor Alarm provides security by detecting movement around your property.

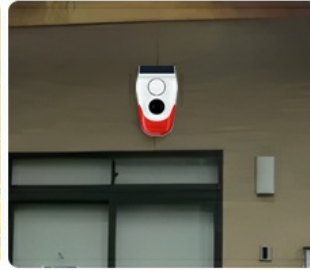
Widely Used



Garden



Farm



Yard



Orchard

The alarm is suitable for a wide range of applications including gardens, farms, yards, and orchards.

PRODUCT FEATURES

- **Professional Motion Sensor:** Utilizes advanced infrared detection technology with a 110° detection angle and up to 19.69 ft (6m) detection distance.
- **High-Volume Alarm & Strobe Lights:** Activates a 120dB alarm sounder with flashing warnings upon motion detection.
- **Adjustable Volume:** Choose between high, medium, and low volume levels to suit your environment.
- **Three Working Modes:** Offers 24-hour all-day alarm, daytime alarm/nighttime non-alarm, and nighttime alarm/daytime non-alarm modes for flexible security.
- **IP65 Waterproof:** Designed with an IP65 waterproof rating, making it suitable for year-round outdoor use in various climate conditions.
- **Dual Charging Options:** Supports solar charging via the integrated panel and USB Type-C charging (built-in 1000mAH battery).
- **Adjustable Sensitivity:** Features two sensitivity levels (high: 9-12m, low: 5-8m) to effectively reduce false alarms.
- **Remote Control:** Conveniently arm, disarm, adjust volume, and switch modes from a distance.

Adjustable 120dB Alarm Sound & LED Lights



The alarm produces a loud 120dB sound, comparable to a car horn, to deter intruders.



The device offers long-range detection with a 110-degree angle and is IP65 waterproof for outdoor reliability.

PRODUCT OVERVIEW AND REMOTE CONTROL FUNCTIONS

Familiarize yourself with the components of the eMylo Solar Motion Sensor Alarm and its remote control for effective operation.

This video segment illustrates the main components of the alarm unit and the functions of each button on the remote control, including arm, disarm, SOS, volume adjustment, and mode selection.



Remote Control & 3 Time Modes Selection

6m (19.69 ft)
Detection distance up to

Full day flash / alarm

Off alarm

Day flash / alarm only

Night flash / alarm only

Detailed view of the alarm unit's components and the remote control's functions.

INSTALLATION

The eMylo Solar Motion Sensor Alarm is designed for fixed installation, typically wall-mounted. Ensure the chosen location allows the solar panel to receive adequate direct sunlight for optimal charging and that the detection area is clear of obstructions.

This video segment demonstrates the fixed installation process of the alarm unit using screws and the mounting bracket.

POWERING ON/OFF

To power on the device, locate the power button on the back of the unit (within the blue compartment) and long-press it for 3 seconds. The alarm light will flash once, and you will hear a beep, indicating it is powered on. To power off, repeat the same long-press action.

This video segment shows how to power on the alarm unit by long-pressing the button on the back.

OPERATING THE ALARM (ARM/DISARM)

Use the remote control to conveniently arm or disarm the alarm system.

Disarm

Press the **"disarm"** button (green unlocked padlock icon) on the remote control to release the device from alert mode. In this mode, the device will not sound an alarm when sensing human movement.

This video segment demonstrates how to disarm the alarm using the remote control, preventing it from triggering on motion.

Arm

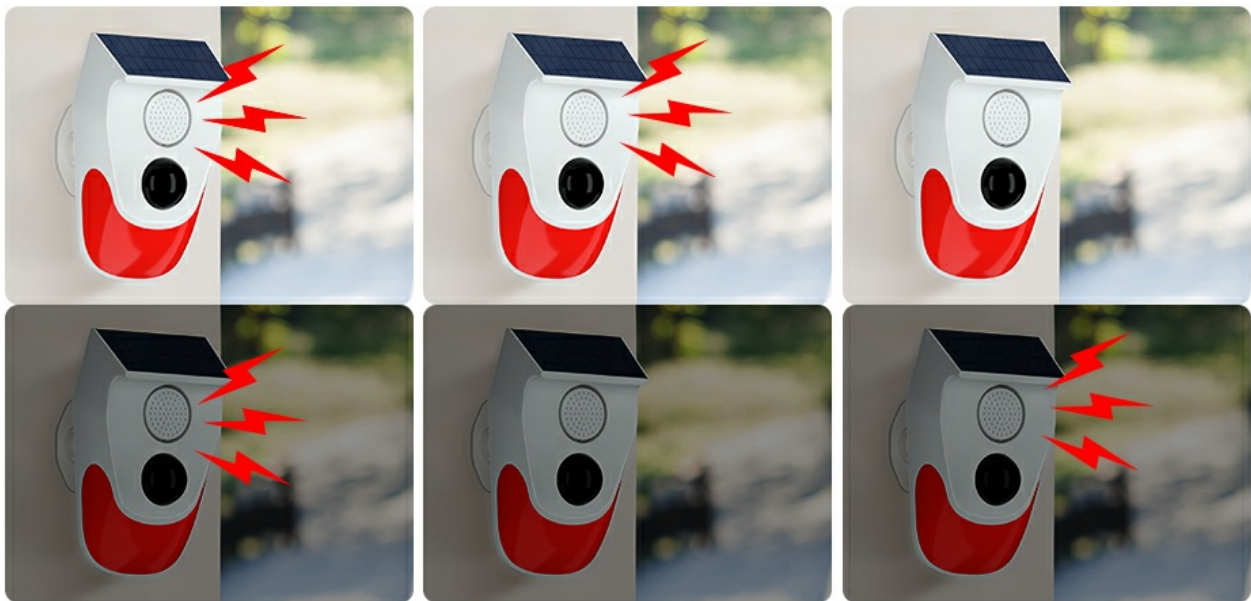
Press the **"arm"** button (orange locked padlock icon) on the remote control to enter the alert mode. The device will sound an alarm when sensing human movement.

This video segment shows how to arm the alarm using the remote control, activating its motion detection and alert functions.

WORKING MODES

The eMylo alarm offers three distinct working modes. You can switch modes using the button on the back of the product or quickly via the remote control. When using the remote, ensure it is aligned with the product.

Alarm Modes are Supported



1:24-hour all-day alarm mode

2:daytime alarm,nighttime
non-alarm mode

3:nighttime alarm,daytime
non-alarm mode

The alarm supports three distinct working modes to suit different security needs.

Mode 1: 24-hour Working Mode

In this mode, the alarm is active 24 hours a day. It will detect motion and trigger the alarm both during the day and at night.

This video segment demonstrates the 24-hour working mode, where the alarm triggers on motion both day and night.

Mode 2: Daytime Working Mode

This mode activates the alarm only during daytime hours. It will not trigger an alarm at night.

This video segment illustrates the daytime working mode, showing the alarm active during the day but inactive at night.

Mode 3: Night Working Mode

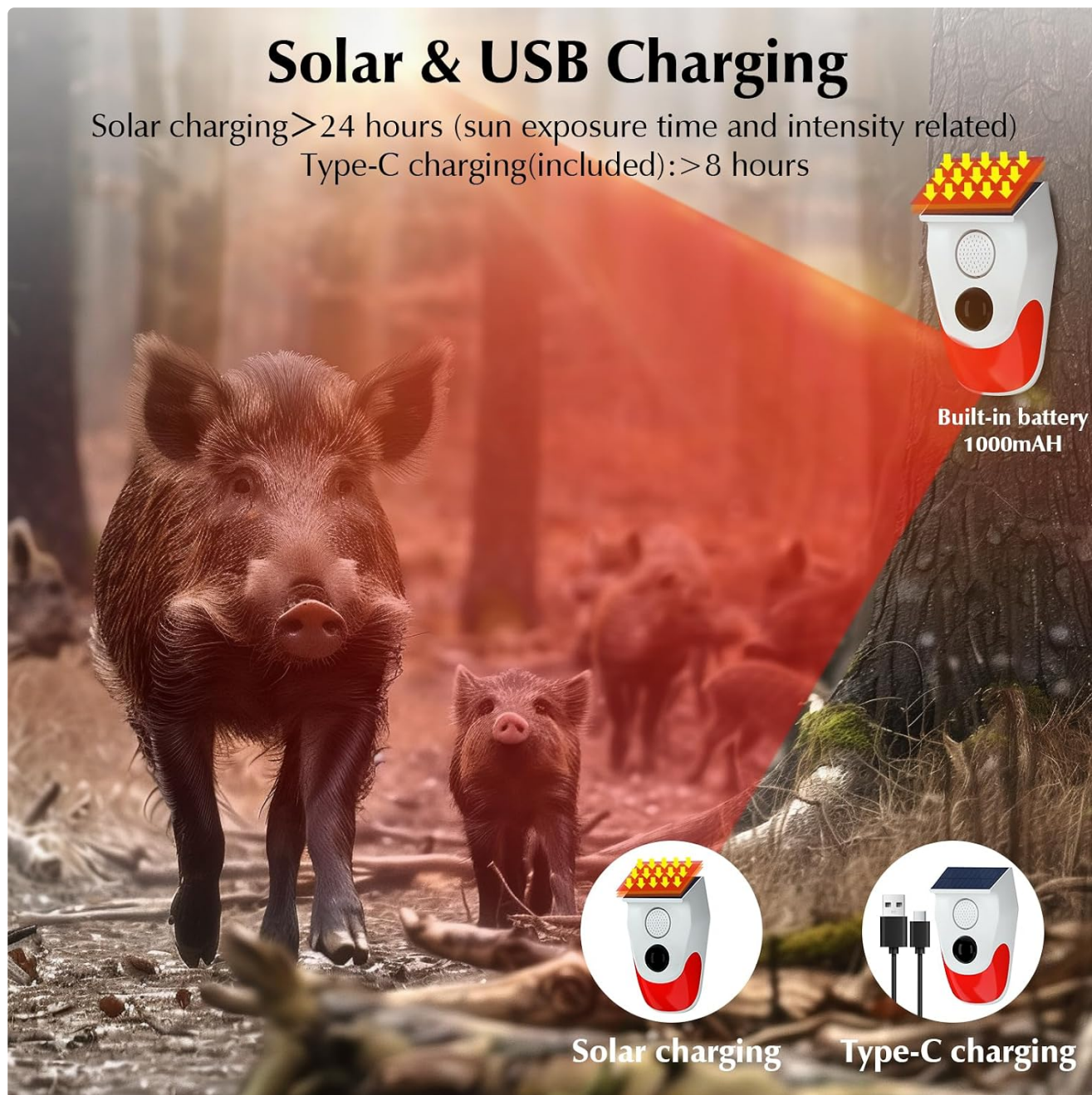
This mode activates the alarm only during nighttime hours. It will not trigger an alarm during the day.

This video segment demonstrates the night working mode, where the alarm is active at night but inactive during the day.

CHARGING

The eMylo alarm supports two convenient charging methods to ensure continuous operation:

- **Solar Charging:** The integrated solar panel charges the internal 1000mAH battery when exposed to sunlight. Charging time depends on sun exposure and intensity (typically >24 hours for a full charge). When charging, the alarm light will light up slightly.
- **USB Charging:** For faster or indoor charging, use the included USB Type-C cable. A full charge via USB takes approximately 8 hours.



The alarm can be charged via its solar panel or through a USB-C connection.

Solar & Waterproof

Works well outdoors all year round and is suitable for climatic conditions



The device is designed for solar charging and is waterproof for outdoor use.

This video segment demonstrates both solar charging and USB charging methods for the alarm unit.

ADJUSTING VOLUME AND SENSITIVITY

Volume Adjustment

The alarm volume can be adjusted to high, medium, or low using the buttons on the back of the product or via the remote control. Ensure the remote is aligned with the product for operation.

This video segment demonstrates how to adjust the alarm volume to high, medium, or low settings.

Sensitivity Adjustment

The device features two sensitivity levels to minimize false alarms and optimize detection for different scenarios:

- **High Sensitivity:** Detects motion from 9-12 meters, suitable for larger areas or detecting smaller movements.
- **Low Sensitivity:** Detects motion from 5-8 meters, useful for reducing triggers from small animals or distant movements.

Adjustable Sensitivity

effectively reduce false alarms and missed alarms



High Sensitivity



High Sensitivity
(9-12 m)



Low Sensitivity



Low Sensitivity
(5-8 m)

Adjust the sensitivity to differentiate between various sizes of movement, such as small animals versus humans.

SPECIFICATIONS

Parameter	Value
Brand	eMylo
Model Number	CT90R
Power Source	Corded Electric and Battery Powered (Solar/USB)
Item Weight	0.25 Kilograms
Maximum Range	19.69 Feet (6 meters)
Mounting Type	Wall Mount
Battery Type	Lithium Polymer (1000mAH)

Parameter	Value
Detection Angle	110°
Waterproof Rating	IP65
Alarm Volume	120dB

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your eMylo Solar Motion Sensor Alarm.

- Keep the solar panel clean and free from dust, leaves, or other debris to ensure efficient charging.
- Regularly check the motion detection window for any obstructions that might interfere with its operation.
- Ensure the device is securely mounted to prevent accidental falls or damage.
- If the device is not in use for an extended period, store it in a dry, cool place.

TROUBLESHOOTING

If you encounter any issues with your eMylo Solar Motion Sensor Alarm, refer to the following common troubleshooting steps:

- **Alarm not sounding/flashing:** Ensure the device is powered on and in an armed working mode. Check the battery level and charge if necessary. Verify that the motion detection area is not obstructed.
- **False alarms:** Adjust the sensitivity to a lower setting. Ensure the device is not pointed at moving objects like tree branches, reflective surfaces, or areas with frequent non-threatening movement.
- **Remote control not working:** Ensure the remote control battery is functional. Point the remote directly at the alarm unit for optimal signal reception.
- **Poor solar charging:** Relocate the device to an area with more direct and prolonged sunlight exposure. Clean the solar panel surface.

WARRANTY AND SUPPORT

eMylo is committed to providing quality products and customer satisfaction. For any issues, questions, or technical support, please utilize the 24-hour customer service. Refer to the contact information provided with your product packaging or visit the official eMylo website for assistance.

Please retain your purchase receipt as proof of purchase for any warranty claims. The manufacturer warranty description is 1 year from the date of purchase.