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› [CrysGuard](#) /

› CrysGuard Solar Ultrasonic Animal Repellent Outdoor Instruction Manual Model AR39

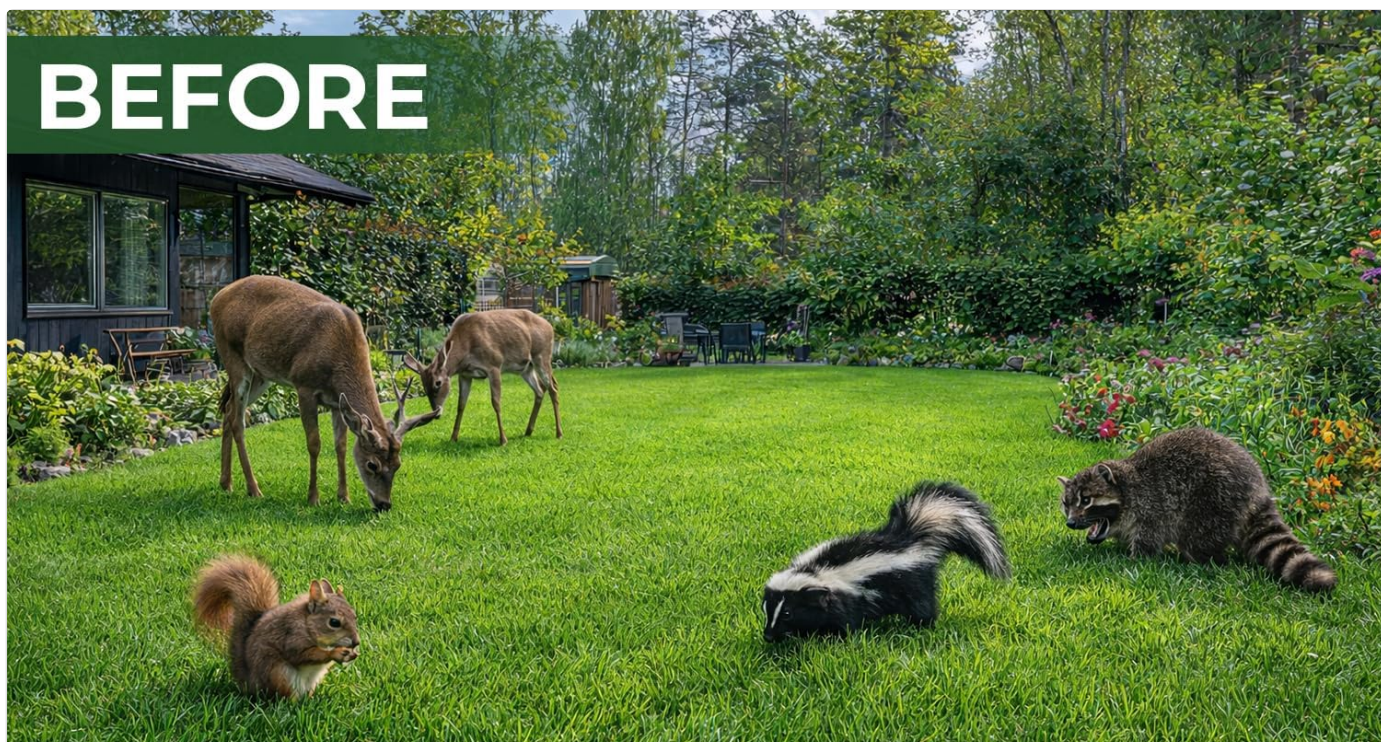
CrysGuard AR39

CrysGuard Solar Ultrasonic Animal Repellent Outdoor

MODEL: AR39

Introduction

The CrysGuard Solar Ultrasonic Animal Repellent is designed to help deter unwanted animal activity in outdoor areas such as yards, gardens, and farms. This device utilizes motion-activated ultrasonic sound waves and LED flashing lights to create an environment that encourages animals to move away without causing harm. It is solar-powered with a USB charging backup and features an IP65 waterproof rating for outdoor durability.



This image illustrates the intended effect of the CrysGuard Solar Ultrasonic Animal Repellent, showing a yard before and after deployment, with the device deterring various animals like deer, skunks, squirrels, foxes, raccoons, dogs, cats, and bears.

Package Contents

- Solar Ultrasonic Animal Repellent Unit(s)
- Ground Mounting Stake(s)
- USB Charging Cable
- User Manual

Product Components



This diagram identifies the key components of the CrysGuard Solar Ultrasonic Animal Repellent, including the solar panel, PIR motion sensor, ultrasonic speaker, LED flashing lights, control knobs, and charging port.

- **Solar Panel:** Charges the internal battery using sunlight.
- **PIR Motion Sensor:** Detects movement within its range to activate the device.
- **Ultrasonic Speaker:** Emits high-frequency sound waves.
- **LED Flashing Lights:** Provides visual deterrence, especially effective for nocturnal animals.
- **Sensitivity Knob:** Adjusts the detection range of the PIR sensor.
- **Working Mode Knob:** Selects the desired operating mode.
- **Charging Port:** USB port for backup charging.
- **Indicator Lights:** Shows device status (e.g., charging, active).
- **Ground Stake:** For mounting the device into soft ground.

Features

- **Advanced Multi-Frequency Ultrasonic Technology:** Emits variable ultrasonic frequencies (18–45kHz) to help

prevent animal adaptation.

- **Motion-Activated PIR Sensor:** Detects movement within a 110-degree wide angle and up to 26 feet (8m).
- **Solar Powered with USB Charging Backup:** High-efficiency solar panel for continuous charging, with a USB port for supplementary charging.
- **IP65 Waterproof Design:** Durable ABS housing designed to withstand rain, snow, heat, and sun.
- **Humane Deterrence:** Designed to discourage animal activity without causing harm.
- **Easy Installation:** Multiple mounting options for flexible outdoor placement.

Setup

1. **Initial Charging:** For optimal performance, fully charge the device via the USB charging cable before its first use. This ensures the battery has sufficient power for consistent operation, especially during periods of low sunlight.
2. **Assembly:** Connect the ground mounting stake sections if necessary, then attach the assembled stake to the bottom of the repellent unit.
3. **Placement:**
 - Choose a location that receives direct sunlight for most of the day to maximize solar charging efficiency.
 - Position the device to face the area where animal activity is observed. Ensure the PIR motion sensor has a clear line of sight without obstructions.
 - The device detects motion within a 110-degree angle and up to 26 feet (8m). Adjust the placement to cover the desired area effectively.

Detective Angel:110°

Make Intrusive Animals "Listen" and Leave



This image demonstrates the 110-degree detection angle of the PIR motion sensor, crucial for effective placement.



This image illustrates various suitable application areas for the repellent, including gardens, yards, chicken coops, orchards, and farms.

4. Mounting:

- **Ground Installation:** Gently push the ground stake into soft soil until the unit is stable and at the desired height.
- **Wall/Fence Mounting:** The unit can also be mounted on a wall or fence using appropriate hardware (not included) through the mounting hole on the back.
- **Flat Surface Placement:** The device can be placed on any flat, stable surface if ground staking is not suitable.

Operating Modes

The CrysGuard repellent features five operating modes, selectable via the Working Mode Knob. When motion is detected in sensing modes, the green indicator light will stay on.

FIVE WORKING MODES

(When triggered by sensing mode, the green light stays on)



This diagram outlines the five distinct operating modes, specifying the ultrasonic frequency ranges and flashing light behavior for each.

1. **Mode 1:** The ultrasonic sound (18-25.5kHz) sweeps slowly with a flashing light.
2. **Mode 2:** The ultrasonic sound (20-35kHz) sweeps quickly with a flashing light.
3. **Mode 3:** The ultrasonic sound (30-45kHz) works with a flashing light.
4. **Mode 4:** LED flashing light works for 15 seconds, flashes quickly for 5 seconds, then rests for 10 seconds. This mode is particularly effective for nocturnal animals.
5. **Mode 5:** Cycles through Modes 1, 2, and 3 with the flashing light mode. This provides varied deterrence to prevent animals from becoming accustomed to a single pattern.

Sensitivity Knob: Rotate this knob to adjust the detection range of the PIR motion sensor. A higher sensitivity setting will detect motion from a greater distance.

Charging

- **Solar Charging:** The integrated solar panel charges the internal battery during daylight hours. Ensure the panel is

clean and exposed to direct sunlight for efficient charging.

- **USB Charging:** For initial setup, during prolonged cloudy weather, or in winter months when solar charging may be insufficient, use the provided USB cable to charge the device via the charging port.



This image illustrates the device's IP65 waterproof rating and its ability to charge via solar power during the day.

Maintenance

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Clear Sensor:** Ensure the PIR motion sensor is free from obstructions like leaves, branches, or snow to maintain optimal detection.
- **Check Placement:** Periodically verify that the device is securely mounted and positioned correctly for the target area.
- **Battery Health:** If the device's performance diminishes, consider a full USB charge to rejuvenate the battery.

Troubleshooting

Problem	Possible Cause	Solution
Device not activating or no sound/light	Low battery charge PIR sensor obstructed Device turned off or in incorrect mode	Charge via USB for 4-6 hours Clear obstructions from sensor Ensure Working Mode Knob is set to an active mode (1-5)
Ineffective animal deterrence	Incorrect placement/angle Sensitivity too low Animals accustomed to frequency	Adjust device angle and height Increase Sensitivity Knob setting Try a different operating mode (1, 2, 3, or 5) to vary frequencies
Short activation time	Low battery charge	Ensure sufficient solar charging or charge via USB
Solar panel not charging	Panel is dirty or obstructed Insufficient sunlight	Clean solar panel Relocate device to an area with more direct sunlight

Specifications

- **Model Number:** AR39
- **Product Dimensions:** 5.7"L x 2.24"W x 14"H
- **Waterproof Rating:** IP65
- **PIR Sensor Detection Angle:** 110 degrees
- **Maximum Detection Range:** 26 feet (8m)
- **Ultrasonic Frequency Range:** 18-45kHz (variable)
- **Power Source:** Solar panel with USB charging backup
- **Target Species:** Raccoon, Deer, Cat, Squirrel, Skunk, Rabbit, Fox, Dog, Rodent, Bird, Coyote
- **UPC:** 850076158132

Safety Information

- Keep the device out of reach of small children.
- Do not immerse the device in water. While it is IP65 waterproof, it is not designed for submersion.
- Do not attempt to open or modify the device, as this may void the warranty and cause damage.
- The ultrasonic sound is generally harmless to humans and most household pets. However, avoid placing the device directly next to pet resting areas to prevent potential discomfort.
- Dispose of the battery and device according to local regulations.

Warranty and Support

Specific warranty details are not provided in this manual. For warranty information, technical support, or assistance with your CrysGuard Solar Ultrasonic Animal Repellent, please refer to the product packaging or contact the manufacturer directly through their official website or customer service channels.

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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