

ProtectG AR39

ProtectG Solar Ultrasonic Animal Repellent AR39 User Manual

Comprehensive guide for the setup, operation, and maintenance of your ProtectG Solar Ultrasonic Animal Repellent AR39.

1. PRODUCT OVERVIEW

The ProtectG Solar Ultrasonic Animal Repellent AR39 is an outdoor device designed to humanely deter various animals from your property. It utilizes a motion-activated system that triggers ultrasonic sound waves and flashing LED lights to create an uncomfortable environment for unwanted visitors, encouraging them to leave. Powered by solar energy with a rechargeable battery, this device offers an eco-friendly and low-maintenance solution for protecting your yard and garden.

- **Automatic Protection:** Features a 110° PIR motion sensor detecting animals up to 26 feet away.
- **Customizable Deterrence:** Five operating modes with adjustable ultrasonic frequencies (18kHz-45kHz) and sensitivity settings.
- **Eco-Friendly:** Solar-powered with a built-in 600mAh rechargeable battery, reducing electricity costs.
- **All-Weather Reliability:** Constructed from durable, IP65 waterproof and heat-resistant ABS plastic.
- **Easy Installation:** Can be staked into the ground or wall-mounted.



The ProtectG Solar Ultrasonic Animal Repellent, shown here with various animals it is designed to deter, features a solar panel, motion sensor, ultrasonic speaker, and LED lights.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- ProtectG Solar Ultrasonic Animal Repellent Unit (Model AR39)
- Ground Stake Sections (3 pieces)
- USB Charging Cable
- User Manual

3. SETUP AND INSTALLATION

Follow these steps to set up and install your animal repellent:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Assemble Ground Stake:** Connect the three ground stake sections together by twisting them clockwise until secure.

- Attach Repellent Unit:** Securely attach the main repellent unit to the assembled ground stake.
- Placement:** Choose a location in your yard or garden that receives ample direct sunlight for the solar panel. Ensure the motion sensor has a clear line of sight to the area you wish to protect. Avoid placing it behind dense foliage or large objects that could obstruct the sensor or solar panel.
- Install:** Insert the assembled unit into the ground. Alternatively, use the integrated mounting holes on the back of the unit to attach it to a wall or fence using appropriate screws (not included).
- Initial Charge:** For optimal performance, it is recommended to fully charge the device via the included USB cable before first use. The USB charging port is located at the bottom of the unit, protected by a rubber cover.

This video provides a step-by-step guide on unboxing the ProtectG Solar Ultrasonic Animal Repellent AR39 and assembling its components, including attaching the ground stake.

Smart Operation



Solar Charging
Up 20%
(Solar Energy Conversion Rate)

Motion Sensor
(PIR - Passive Infrared Sensor)

Sensitivity
(Adjust Detecting Distance)



5 Working Modes

1	Ultrasonic (18-25.5kHz)	+	Flashing
2	Ultrasonic (20-35kHz)	+	Flashing
3	Ultrasonic (30-45kHz)	+	Flashing
4	Flashing (15s Quick & 5s Slow Flashing)		
5	1	➔	2 ➔ 3



USB Charging



Solar Animal Repeller
User Manual - AR39



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Language: Eng. & Esp.



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Total Length: 16 inch



Length: 50 inch

#USB Adapter is not Included



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The image demonstrates the flexible installation options for the repellent, either staked into the ground or wall-mounted, emphasizing its solar power, IP65 waterproof design, and robust ABS construction suitable for outdoor use.



This visual guide showcases the diverse environments where the ProtectG animal repellent can be effectively deployed, including residential yards, cultivated gardens, agricultural farms, and temporary camping locations.

4. OPERATING INSTRUCTIONS

The ProtectG AR39 features a PIR motion sensor that detects animals up to 26 feet away within a 110° angle. Upon detection, it activates ultrasonic sounds and/or flashing LED lights based on the selected mode.

4.1 Mode Selection

Use the 'Frequency' dial (labeled I-V) on the unit to select the desired operating mode:

Mode	Description	Target Animals
0 (OFF)	Device is turned off.	N/A
I	18-25.5kHz ultrasonic sound + flashing LED lights.	Small animals (e.g., mice, rats, martens)
II	20-35kHz ultrasonic sound + flashing LED lights.	Medium animals (e.g., cats, dogs, foxes)
III	30-45kHz ultrasonic sound + flashing LED lights.	Large animals (e.g., deer, raccoons, birds)
IV	Strong flashing LED lights (15s quick flash, 5s slow flash).	Nocturnal animals
V	All functions working, cycling through Modes I, II, III, and IV.	Comprehensive deterrence

4.2 Sensitivity Adjustment

Use the 'Sensitivity' dial (labeled MIN-MAX) to adjust the detection range of the PIR motion sensor:

- **MIN:** Shorter detection range.
- **MAX:** Longer detection range (up to 26 feet).



This diagram illustrates the key operational features of the repellent, including its solar charging capability, motion sensor, sensitivity adjustment, five distinct operating modes, and the USB charging option.

5. MAINTENANCE AND CHARGING

- **Solar Charging:** The integrated solar panel charges the internal 600mAh rechargeable battery during daylight hours. Ensure the solar panel is clean and free from obstructions (e.g., leaves, dirt) for efficient charging.
- **USB Charging:** If sunlight is insufficient or for a quicker charge, use the provided USB cable to charge the device. Connect the cable to the charging port at the bottom of the unit (under the rubber cover) and to a standard USB power adapter (not included). A full charge typically takes several hours.
- **Cleaning:** Wipe the device periodically with a soft, damp cloth to remove dirt and debris, especially from the solar panel and motion sensor. Do not use harsh chemicals or abrasive cleaners.
- **Weather Resistance:** The device is IP65 waterproof and heat-resistant, designed for year-round

outdoor use. However, prolonged exposure to extreme weather conditions may affect battery performance.

6. TROUBLESHOOTING

If you encounter issues with your ProtectG Solar Ultrasonic Animal Repellent, please refer to the following common solutions:

- **Device not activating:**
 - Ensure the device is turned on (Mode I-V selected).
 - Verify the solar panel is receiving direct sunlight or charge the device via USB.
 - Check that the motion sensor is not obstructed by plants or other objects.
 - Adjust the sensitivity dial to 'MAX' to increase detection range.
- **Animals not deterred:**
 - Try different operating modes (I-V) to find the most effective frequency for the specific target animal.
 - Adjust the device's placement to ensure optimal coverage of the protected area.
 - Ensure the device is not obstructed by dense foliage or objects that could block the ultrasonic waves.
 - Consider using multiple units for larger or irregularly shaped areas.
- **Short battery life:**
 - Ensure the solar panel is clean and exposed to direct sunlight for at least 6-8 hours daily.
 - Fully charge the device via USB if solar charging is insufficient.
 - Battery performance may be reduced in cold weather conditions.

7. SPECIFICATIONS

Feature	Detail
Model Number	AR39
Product Dimensions	4 x 2.2 x 6 inches
Item Weight	12.31 ounces
Power Source	Solar panel, 1 Lithium Ion battery (included), USB charging
Battery Capacity	600mAh (rechargeable)
Motion Sensor	PIR (Passive Infrared Sensor)
Detection Angle	110°
Detection Distance	Up to 26 feet (8 meters)
Ultrasonic Frequencies	18kHz-45kHz (adjustable)
LED Lights	Flashing (white)
Material	Durable ABS Plastic

Feature	Detail
Waterproof Rating	IP65
Manufacturer	ProtectG

8. IMPORTANT SAFETY INFORMATION

- Keep the device out of reach of children.
- Do not immerse the unit in water. The IP65 rating protects against water jets, but not submersion.
- Do not attempt to open, disassemble, or modify the device. This may void the warranty and pose safety risks.
- Dispose of batteries and electronic components according to local environmental regulations.
- Avoid pointing the ultrasonic speaker directly at pets or domestic animals for extended periods.

9. WARRANTY AND SUPPORT

ProtectG is committed to providing quality products and customer satisfaction. This product is covered by a manufacturer's warranty against defects in materials and workmanship under normal use.

For any questions, technical assistance, or warranty claims, please contact ProtectG customer service. Refer to the product packaging or the official ProtectG website for the most current contact details.

ProtectG Customer Service: [Visit the ProtectG Store on Amazon](#)