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Defendy 360° Ultrasonic Animal Repeller

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Model: 360° Ultrasonic Animal Repeller

Brand: Defendy

1. PRODUCT OVERVIEW

The Defendy 360° Ultrasonic Animal Repeller is an advanced outdoor device designed to deter various unwanted animals from your garden, yard, or property. Utilizing state-of-the-art ultrasonic technology, motion sensing, and flashing lights, it provides comprehensive protection without harming animals or humans. Its solar-powered design ensures continuous operation, making it an eco-friendly and effective solution for pest control.



Image: The Defendy 360° Ultrasonic Animal Repeller actively deterring various animals in a typical garden environment.

2. KEY FEATURES

- **360° Full Protection:** Equipped with infrared sensors on three sides, detecting animal movement up to 30 feet (10m) within a 360° range.
- **Multiple Repellent Modes:** Features 5 adjustable modes combining ultrasonic sounds, alarm sounds, bird calls, wolf deterrents, owl calls, and blue-white strobe lights to repel different animals effectively.
- **Portable & Easy Installation:** Can be easily placed in the ground using pegs or hung on objects like trees, fences, and walls.
- **Harmless & Wide Coverage:** Deters animals using physical waves, ensuring no harm to animals, humans, or children. Covers a wide area without blind spots.
- **Solar & USB Powered:** Features a solar panel for continuous charging and a USB port for charging during cloudy weather or initial setup.
- **Waterproof Design:** IP44 rated, designed to withstand normal rain, snow, and harsh sun conditions.



Image: Visual representation of the repeller's key features including infrared sensing, solar and USB charging capabilities, waterproof construction, and flashing light function.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present and in good condition:

- 1 x Defendy 360° Ultrasonic Animal Repeller Main Unit
- 2 x Ground Stakes (for adjustable height)
- 1 x USB Charging Cable
- 1 x User Manual (this document)

4. SETUP AND INSTALLATION

4.1 Assembly

1. Carefully unpack all components from the box.
2. Attach the desired number of ground stakes to the bottom of the main repeller unit. You can use one or two stakes depending on the desired height.

3. Ensure the connections are secure.

4.2 Placement

For optimal performance, consider the following:

- **Location:** Place the repeller in an area frequently disturbed by animals. Ensure the solar panel on top receives direct sunlight for most of the day.
- **Height:** Insert the assembled unit into the ground, keeping the repeller approximately 5 inches (12.7 cm) above the ground. Adjust the height based on the eye level of the animals you intend to deter.
- **Coverage:** For larger areas or irregular shapes, consider placing multiple units in different locations to ensure 360° coverage and improve repellency in all directions.



Image: A detailed view of the repeller's components and dimensions, aiding in proper assembly and understanding of its parts.



Yard



Camping



Kaleyard



Garden



Farmyard



Orchard

Image: Examples of suitable placement locations for the repeller, including yards, gardens, camping areas, and orchards.

4.3 Charging

The repeller can be charged via solar power or USB:

- **Solar Charging:** The integrated solar panel on top of the unit will automatically charge the internal battery when exposed to sunlight.
- **USB Charging:** For initial charge or during prolonged periods of low sunlight, connect the provided USB cable to the USB charge port on the unit and to a standard USB power adapter (not included).

5. OPERATING INSTRUCTIONS

The Defendy repeller features a knob switch for selecting different operating modes. Each mode utilizes a combination of ultrasonic sounds, audible alarms, and flashing lights to deter specific types of animals.

5.1 Mode Selection

Rotate the 'Gear Adjustment' knob switch to select one of the five operating modes:

Mode	Description	Primary Deterrent
Level 1	Ultrasonic horn alarm sound drive	Alarm sound + Blue-White flash lights
Level 2	Ultrasonic horn emits bird calls and wolf deterrent sounds	Bird/Wolf calls + Blue-White flash lights
Level 3	Harsh ultrasonic frequencies (15KHz-50KHz)	Ultrasonic + Blue-White flash lights
Level 4	Ultrasonic horn emits owl calls	Owl sounds + Blue-White flash lights
Level 5	Cycle mode with all functions from Level 1-5, including infrared blue and white LED light night mode	Cycle through all functions (1-5) + Infrared Blue-White LED light night mode

Note: Each gear is set to day-night mode. Daytime mode saves energy. Night mode activates alarm and burst lights.



Five Operation Modes

effectively keep animals & pets away from your place



Mode 1
Ultrasonic alarm sound
Blue-white flash lights



Mode 2
Birds & Wolves calls
Blue-white flash lights



Mode 3
Ultrasonic, 15KHz-50KH
Blue-white flash lights



Mode 4
Harsh owls sounds
Blue-white flash lights



Mode 5
Cycle mode 1-5 gears
Infrared blue-white LED lights

NOTE:
Each gear is set to day-night mode
Daytime mode: alarm (save energy)
Night mode: alarm + burst lights

Image: A visual guide to the five distinct operation modes and their intended animal targets.

5.2 Volume Adjustment

Use the 'Size Adjustment' knob switch to control the volume of the audible sounds (alarm, bird calls, wolf calls, owl calls). Adjust according to your preference and local regulations.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Defendy Animal Repeller, follow these maintenance guidelines:

- **Cleaning:** Periodically wipe the unit with a soft, damp cloth to remove dirt, dust, or debris, especially from the solar panel and sensors. Do not use harsh chemicals or abrasive cleaners.
- **Solar Panel:** Ensure the solar panel is kept clean and free from obstructions (e.g., leaves, snow) to maximize charging efficiency.
- **Placement Check:** Regularly check the placement of the repeller to ensure it remains upright and at the optimal height.
- **Winter Storage:** If storing the unit for extended periods during winter, ensure it is fully charged and stored in a dry place.

7. TROUBLESHOOTING

If you encounter issues with your Defendy Animal Repeller, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Unit not turning on or low power	Insufficient charge; solar panel obstructed; battery issue.	Ensure solar panel is clean and exposed to direct sunlight. Charge via USB for several hours. If problem persists, contact support.
No sound or light output	Mode not selected; volume too low; sensor not triggered; unit off.	Check mode selection knob. Increase volume. Ensure motion sensor is clear and an animal is within range. Verify unit is powered on.
Animals not deterred	Incorrect mode for animal; unit placement; animal habituation.	Try different modes (especially Level 5 cycle mode). Adjust placement for better coverage. Move unit to a new location periodically to prevent habituation.
Motion sensor not detecting	Sensor obstructed; unit too high/low; animal too small/far.	Clear any debris from sensors. Adjust unit height. Ensure animals are within the 30-foot range.

8. SPECIFICATIONS

Feature	Detail
Product Name	360° Ultrasonic Animal Repeller
Brand	Defendy
Detection Range	Up to 30 feet (10 meters)
Detection Angle	360 degrees (3-sided infrared sensor)
Power Source	Solar Powered, USB Rechargeable
Waterproof Rating	IP44
Operating Modes	5 adjustable modes (ultrasonic, alarm, bird/wolf/owl calls, flashing lights)
Dimensions (approx.)	5.67 x 4.57 x 4.41 inches (main unit)
Material Feature	Solar Ultrasonic Animal Repeller

9. WARRANTY AND SUPPORT

Defendy is committed to providing high-quality products. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty details, please refer to the product packaging or contact Defendy customer support.

If you have any questions, require technical assistance, or need to report an issue, please contact our customer support team. Contact information can typically be found on the product packaging or the official Defendy website.

Please have your product model and purchase date ready when contacting support to ensure efficient service.