

MAGIC CAT AR17

MAGIC CAT Solar Animal Repeller Outdoor (Model AR17) Instruction Manual

Model: AR17

1. PRODUCT OVERVIEW

The MAGIC CAT Solar Animal Repeller (Model AR17) is designed to deter nocturnal animals from protected areas using flashing red LED lights. This device operates on solar power, charging during the day and activating automatically at dusk. Its waterproof design allows for outdoor use in various weather conditions.

Key features include:

- **Advanced Red Light Deterrent:** Emits rapid, flickering red lights to mimic predator eyes or security cameras, discouraging animals.
- **Solar-Powered & Energy-Saving:** Equipped with a rechargeable battery that charges via sunlight. Lights activate at dusk and turn off at dawn automatically.
- **Humane & Effective:** Deters various wild animals such as skunks, deer, foxes, coyotes, raccoons, squirrels, and cats without harm.
- **Easy Installation:** Simple setup with a power button and hanging hole for flexible placement.
- **Waterproof Design:** IP44 rated for outdoor use in rainy conditions.



Image 1.1: The MAGIC CAT Solar Animal Repeller charges during the day and activates its red lights at night to deter animals.

2. PACKAGE CONTENTS

The package typically includes:

- MAGIC CAT Solar Animal Repeller units (quantity as purchased, e.g., 4-pack)
- Instruction Manual (this document)

3. COMPONENTS

The logo for MAGIC CAT, featuring the words "MAGIC CAT" in a serif font with a registered trademark symbol (®) to the right.

Image 3.1: Key components of the repeller unit, including the LED lights, solar panel, hanging hole, and on/off button.

- **Solar Panel:** Located on the top, converts sunlight into electrical energy to charge the internal battery.
- **Red LED Lights:** Two lights on the front that flash to deter animals.
- **On/Off Button:** Activates or deactivates the device.
- **Hanging Hole:** For mounting the device on posts, fences, or walls.
- **Light Sensor:** Detects ambient light to automatically turn the device on at dusk and off at dawn.

4. SETUP AND INSTALLATION

1. **Unpack:** Carefully remove the repeller units from their packaging.
2. **Activate:** Locate the power button (refer to Image 3.1) and press it to turn on the unit.
3. **Choose Location:** Select an installation location that receives direct sunlight for optimal charging of the solar panel.
4. **Mounting Height:** Mount the unit 1 to 8 feet above the ground on a post, fence, or exterior wall. The ideal height depends on the eye level of the specific animal you intend to deter.

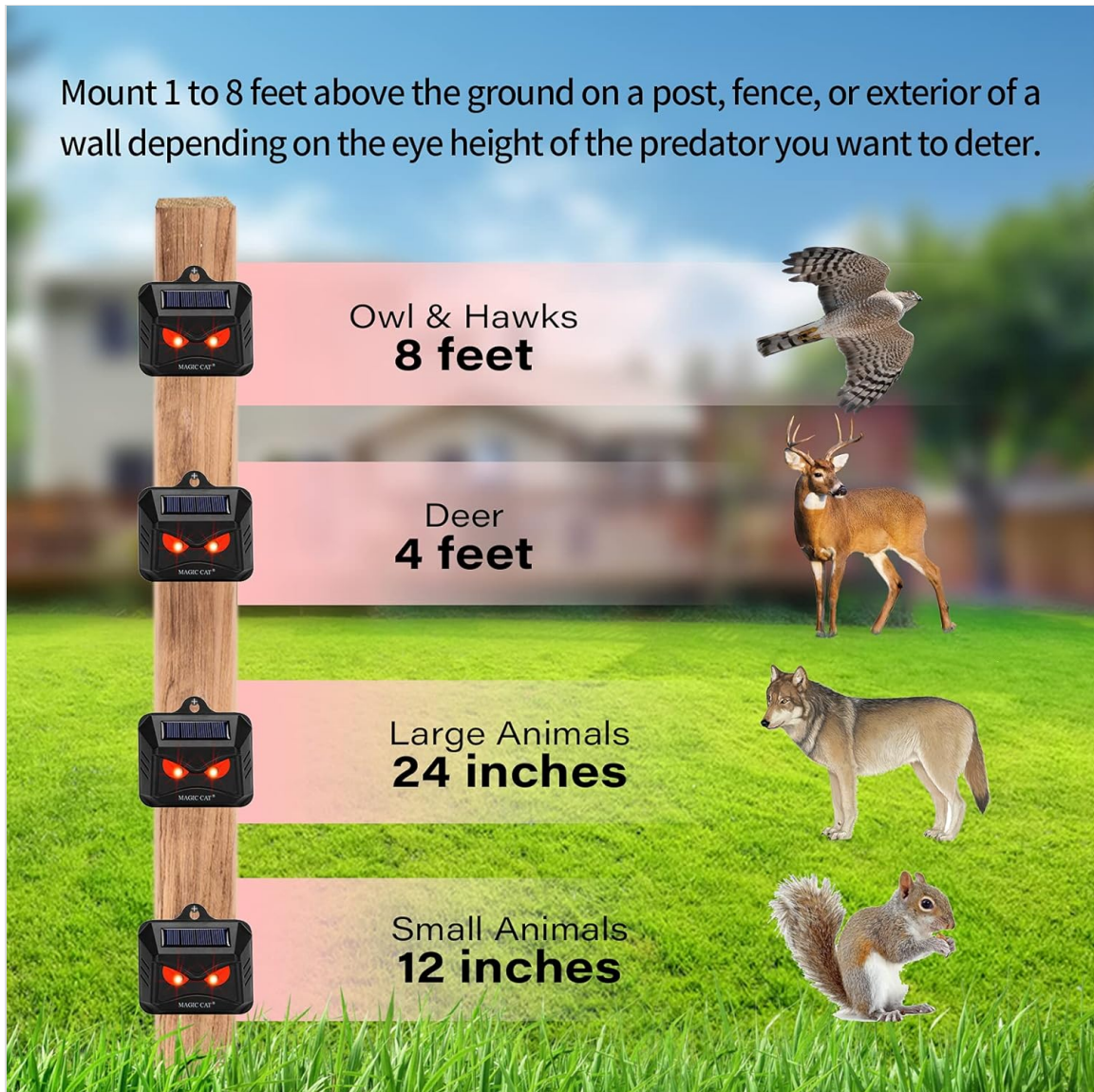


Image 4.1: Recommended mounting heights for effective deterrence of various animals.

5. **Orientation:** For best results, especially in larger areas, mount multiple units (e.g., 4 units) facing outwards in each direction to create a wider deterrent zone.



Image 4.2: Example of multiple units installed on a fence for comprehensive coverage.

The repeller is suitable for various locations:



Image 4.3: The repeller can be used in diverse outdoor environments.

5. OPERATING INSTRUCTIONS

Once installed and activated, the MAGIC CAT Solar Animal Repeller operates automatically:

- During daylight hours, the solar panel charges the internal battery.
- At dusk, the built-in light sensor detects the decrease in light and automatically turns on the red LED lights.
- The red LED lights will flash continuously throughout the night to deter nocturnal predators.
- At dawn, the light sensor detects increasing light and automatically turns off the LED lights, resuming charging.

The device is designed for high efficiency and low power consumption, capable of operating for approximately 7 days on a full charge.



Image 5.1: The repeller aims to protect property from nocturnal animals.

6. MAINTENANCE

- **Solar Panel Cleaning:** Periodically clean the solar panel with a soft, damp cloth to ensure maximum sunlight absorption and charging efficiency.
- **Battery Charging:** While the device is waterproof (IP44 rated), prolonged periods of rainy or cloudy weather (lasting approximately one week) may reduce battery charge. If the device stops working under such conditions, turn it off and place it in direct sunlight for 48 hours to fully recharge.

IP44 Waterproof Level

Note: When rainy or cloudy weather last for almost one week, the device may stop working, we suggest that turn it off and charge it under sunlight for 48 hours.



Image 6.1: The device is designed to withstand rain with its IP44 waterproof rating.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on at night.	Battery is not charged or is low.	Ensure the device is placed in direct sunlight for at least 8 hours. If prolonged cloudy weather, turn off the unit and charge for 48 hours in direct sunlight.
Red lights are dim or flicker inconsistently.	Insufficient battery charge.	Relocate the device to an area with more direct sunlight. Clean the solar panel.
Animals are still present in the protected area.	Incorrect mounting height or insufficient coverage.	Adjust mounting height according to the target animal (refer to Section 4). Consider adding more units for broader coverage. Ensure units are facing outwards.
Device is not charging.	Solar panel is dirty or obstructed.	Clean the solar panel. Remove any obstructions (leaves, dirt) that might block sunlight.

8. SPECIFICATIONS

Feature	Detail
Brand	MAGIC CAT
Model Number	AR17
Product Dimensions (L x W x H)	3.35" x 1" x 2.76"
Item Weight	10.6 Ounces (for 4 units)
Power Source	Solar-powered, rechargeable battery
Waterproof Level	IP44
Target Species	Birds, Cat, Chicken, Coyote, Fox, Raccoon, Skunk, Squirrel, Deer
Light Type	Red LED
Operation	Automatic dusk-to-dawn

9. WARRANTY INFORMATION

Specific warranty details for the MAGIC CAT Solar Animal Repeller (Model AR17) are not provided in this manual. For information regarding product warranty, please contact the manufacturer or your point of purchase directly.

10. CUSTOMER SUPPORT

If you have any questions, require assistance with setup, or encounter issues not covered in this manual, please contact MAGIC CAT customer support. Refer to the product packaging or the official MAGIC CAT website for contact information.