**ISOTRONIC 92136**

# ISOTRONIC Solar Wild Animal Repeller Instruction Manual

Model: 92136

## Introduction

The ISOTRONIC Solar Wild Animal Repeller is designed to deter various wild animals such as raccoons, deer, foxes, and wild boars from your garden, orchards, and terraces. It operates by emitting an irritating red LED light during the night, providing a humane and effective solution to protect your property.

## Safety Information

- Ensure the device is placed securely to prevent it from falling.
- Keep out of reach of small children and pets to prevent accidental damage or misuse.
- Do not attempt to open or modify the device, as this will void the warranty and may cause malfunction.
- This device is designed for outdoor use and is IP44 waterproof. However, avoid submerging it in water.
- Remove any potential food sources (e.g., pet food) from the area to be protected, as this can attract animals unnecessarily.

## Product Overview

The ISOTRONIC Solar Wild Animal Repeller features a compact design with integrated solar charging and red LED lights.




*Image: The ISOTRONIC Solar Wild Animal Repeller, its packaging, and the included instruction manual.*

## Components:

- **Solar Panel:** Located on top, for charging the internal battery.
- **LED Lights:** Two red LED lights on the front, designed to mimic predator eyes.
- **On/Off Button:** Located on the back for easy operation.
- **Mounting Hole:** For easy installation on fences, trees, or wooden stakes.
- **Internal Battery:** Rechargeable NiMH battery (1 AA included).




*Image: Detailed diagram illustrating the dimensions (8.79cm x 8.48cm x 3cm) and key components including the solar panel, built-in battery, LED lighting, and on/off button.*

## Setup

1. **Initial Charge:** Before first use, ensure the device is placed in direct sunlight for at least 8 hours to fully charge the internal battery. The solar panel is made of polycrystalline silicon.
2. **Power On:** Locate the On/Off button on the back of the device and press it to turn the unit on.
3. **Placement:** Select an appropriate location for installation. The device should be placed as close as possible to the eye level of the animals you wish to deter.




*Image: Visual guide on how to install the repeller, showing the on/off button, proper placement, and solar charging during the day.*

## Operating Instructions

The ISOTRONIC Solar Wild Animal Repeller operates automatically once turned on and sufficiently charged.

- **Daytime Operation:** During the day, the integrated solar panel absorbs sunlight to recharge the internal battery. The LED lights will not be active.
- **Nighttime Operation:** As darkness falls, the device automatically activates its red LED lights. These lights will flash intermittently, mimicking the eyes of predators, which serves as a deterrent to wild animals.
- **Effective Range:** The direct effective range of the device is approximately 3-4 meters (10-13 feet). For optimal coverage, it is recommended to place a device every 6 to 8 meters (20-26 feet) along fences, trees, or wooden stakes. The device can cover an area of approximately 50 square meters (538 sq ft) with a broader detection range of up to 15 meters (49 feet).




*Image: The repeller charging via solar energy during the day and automatically flashing red lights at night. It is IP44 waterproof.*




*Image: A close-up view of the device showing its flashing red lights, which are designed to deter animals by simulating predator eyes.*

## Placement and Usage Recommendations

Proper placement is crucial for the effectiveness of the repeller.

- **Height:** Position the device at a height that aligns with the eye level of the target animals.
- **Direction:** If necessary, point the device outwards in all directions to cover the desired area.
- **Coverage:** For larger areas, multiple units may be required to create an effective barrier.

### Recommended Mounting Heights:

- **Flying Predators (e.g., birds of prey):** 2.4 meters (approx. 7.9 feet)
- **Deer/Moose:** 1.2 meters (approx. 3.9 feet)
- **Large Animals (e.g., wolves, wild boars):** 60 cm (approx. 2 feet)
- **Small Animals (e.g., raccoons, foxes, martens):** 30 cm (approx. 1 foot)

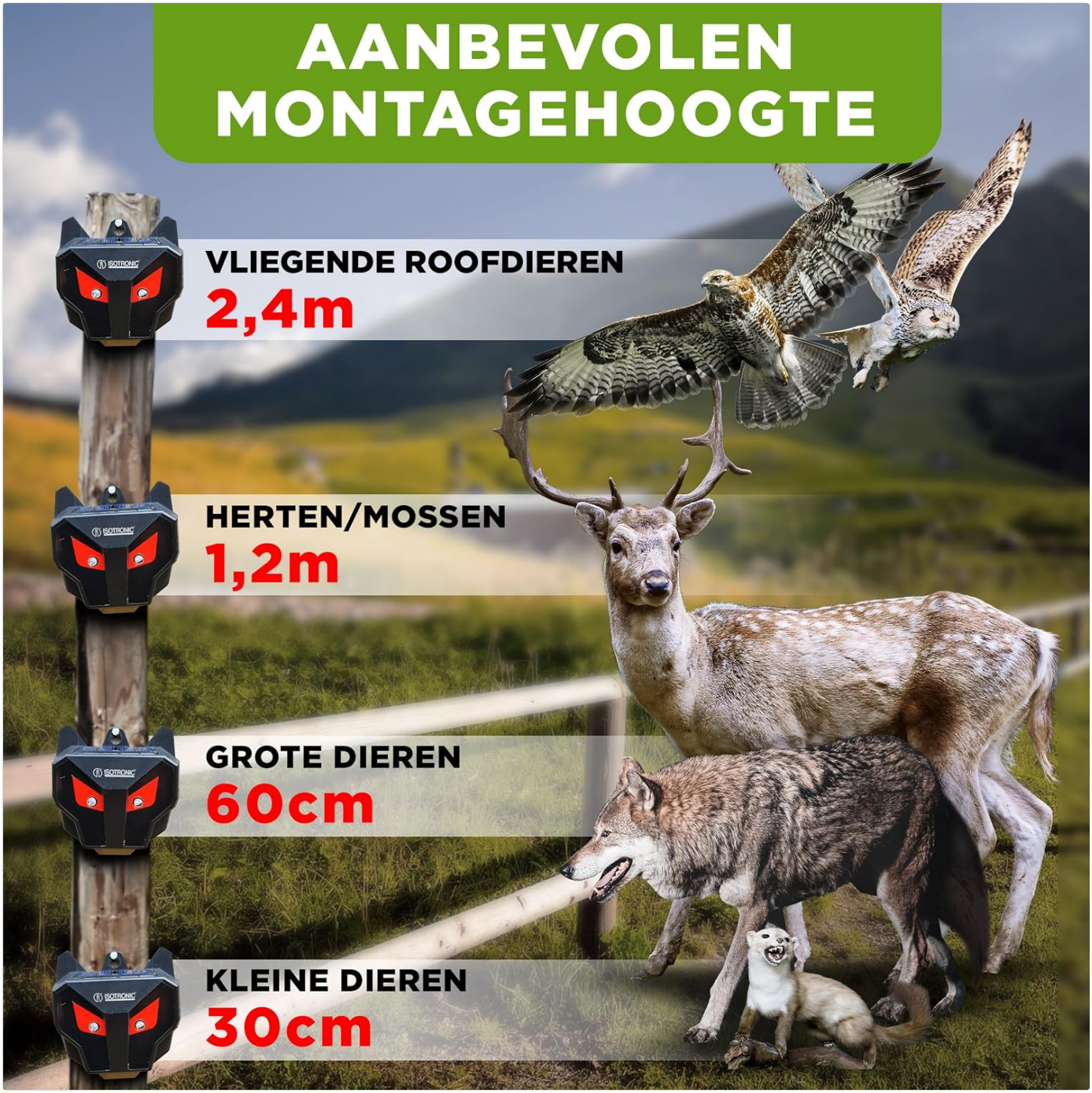



*Image: Recommended mounting heights for the repeller based on the type of animal to be deterred, ranging from flying predators to small ground animals.*




*Image: A visual comparison demonstrating the effectiveness of the repeller, showing a wolf preying on a chicken before installation, and a protected chicken coop with two repellers installed afterwards.*




*Image: The repeller acting as a 'Night Watchman', automatically flashing at night to deter foxes, deer, wolves, and wild boars within a 50 square meter area and a 15-meter range.*

## Versatile Application:

The repeller can be used in various outdoor settings:

- **Farm:** Protect livestock and poultry.
- **Field:** Safeguard crops from wild animals.
- **Orchard:** Prevent damage to fruit trees.
- **Outdoor/Camping:** Keep unwanted animals away from campsites.




*Image: Examples of wide application, including use on a farm, in a field, in an orchard, and during outdoor activities like camping.*

## Maintenance

- **Cleaning:** Periodically wipe the solar panel with a soft, damp cloth to ensure maximum sunlight absorption.
- **Battery:** The integrated NiMH battery is designed for long-term use. If the device's performance significantly degrades over time, the battery may need replacement. (Note: Battery type is AA).
- **Storage:** If storing the device for an extended period, ensure it is fully charged and stored in a cool, dry place.

## Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
|---|---|---|
| Device not lighting up at night. | ◦ Not enough sunlight for charging.<br>◦ On/Off button is in the 'Off' position.<br>◦ Battery is depleted or faulty. | ◦ Relocate the device to an area with more direct sunlight.<br>◦ Ensure the On/Off button is pressed to the 'On' position.<br>◦ Allow several days of full sunlight charging. If problem persists, consider replacing the AA battery. |
| Animals are not deterred. | ◦ Incorrect placement height.<br>◦ Device range is insufficient for the area.<br>◦ Strong attractants (e.g., food sources) are present. | ◦ Adjust the mounting height according to the target animal (refer to "Placement and Usage Recommendations").<br>◦ Install additional units to cover a larger area.<br>◦ Remove all potential food sources from the protected area. |

## Specifications

| Feature | Detail |
|---|---|
| Model Number | 92136 |
| Brand | ISOTRONIC |
| Dimensions (L x W x H) | 9 x 8 x 3 cm (approx. 3.54 x 3.15 x 1.18 inches) |
| Weight | 90 grams (approx. 0.2 lbs) |
| Power Source | Solar-powered with integrated rechargeable battery |
| Battery Type | 1 AA NiMH (included) |
| Light Type | Red LED, flashing |
| Material | Plastic |
| Color | Black/Red |
| Waterproof Rating | IP44 (suitable for outdoor use) |
| Effective Range (Direct) | Approx. 3-4 meters (10-13 feet) |
| Coverage Area (Broader) | Approx. 50 square meters (538 sq ft) with a range of 15 meters (49 feet) |
| Recommended Spacing (Multiple Units) | One device every 6-8 meters (20-26 feet) |

| Feature | Detail |
| --- | --- |
| Country of Origin | China |

## Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact ISOTRONIC customer service directly. Contact details are typically provided on the manufacturer's official website or within the product documentation.

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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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