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ISOTRONIC 92137

ISOTRONIC Solar-Powered Blue Light Animal Repeller (Model 92137)

Instruction Manual

1. Introduction and Overview

This manual provides detailed instructions for the ISOTRONIC Solar-Powered Blue Light Animal Repeller, Model 92137. This device is designed to effectively deter wild animals such as raccoons, deer, foxes, and wild boars from your property. It operates by emitting an automatic blue light sequence during night and twilight hours, which signals danger to animals and encourages them to avoid the area. The repeller is solar-powered, making it an energy-efficient and animal-friendly solution.

2. Safety Instructions

- Keep the device out of reach of children and pets.
- Do not attempt to open, modify, or repair the device. This may void the warranty and pose a safety risk.
- Ensure the device is securely mounted to prevent it from falling, especially in windy conditions.
- Although the device is water-resistant (IP44), avoid submerging it in water.
- Dispose of used batteries according to local regulations.

3. Package Contents

Your package should contain the following items:

- 2 x ISOTRONIC Solar-Powered Blue Light Animal Repeller units
- Mounting screws (if included)
- Cable ties (if included)
- Instruction Manual

4. Product Features

- **Effective Deterrence:** Protects against wild animals such as raccoons, deer, foxes, and wild boars.
- **Automatic Operation:** Emits a blue light sequence automatically during night and twilight.
- **Blue Light Technology:** Utilizes blue light, which is rarely found in nature, to signal danger to animals.
- **Solar Powered:** Equipped with a solar panel for energy-saving operation and charging of the built-in NiMH rechargeable battery.
- **Versatile Installation:** Can be mounted in various locations like fields, gardens, garages, or sheds using screws or cable ties.
- **Animal-Friendly:** Deters animals without causing harm, using no chemicals, frequencies, or sounds.
- **Water-Resistant:** IP44 rated for outdoor use.
- **On/Off Switch:** Simple button for activation and deactivation.

5. Setup and Installation

1. **Unpack the Device:** Carefully remove the repeller units from their packaging.
2. **Activate the Device:** Locate the ON/OFF switch on the back of the unit and press it to turn the device on.
3. **Choose a Location:** Select a location that receives direct sunlight for several hours a day to ensure optimal charging of the solar panel. The area should also be where wild animals frequently appear.
4. **Mount the Device:** Secure the repeller using the provided screws or cable ties (not always included). Ensure it is firmly attached to a post, fence, or wall.



Figure 1: Installation steps for the ISOTRONIC Animal Repeller.

Recommended Mounting Heights:

- **Flying Predators:** Approximately 2.4 meters (8 feet)
- **Deer/Foxes:** Approximately 1.2 meters (4 feet)
- **Large Animals:** Approximately 60 cm (2 feet)
- **Small Animals:** Approximately 30 cm (1 foot)

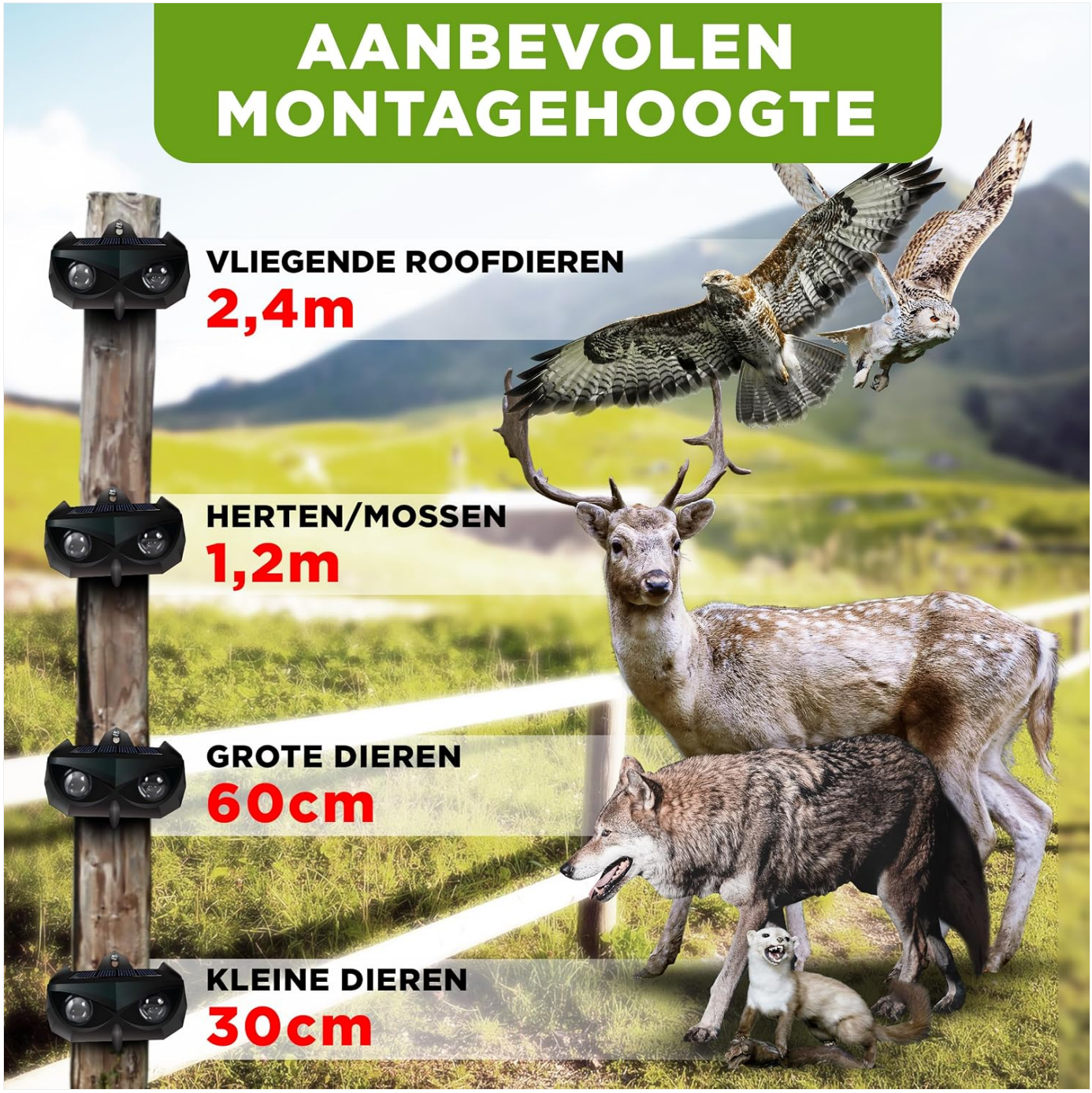


Figure 2: Recommended mounting heights for optimal deterrence.

6. Operating Instructions

The ISOTRONIC Animal Repeller is designed for automatic, hassle-free operation:

- Once activated and installed, the device will automatically charge its internal NiMH battery during daylight hours via the solar panel.
- As dusk approaches and light levels decrease, the device will automatically begin emitting its blue light sequence.
- The flashing blue lights mimic the eyes of predators, creating a deterrent effect that encourages wild animals to avoid the protected area.
- The device will continue to operate throughout the night and switch off automatically at dawn to conserve power and recharge.



Figure 3: Day and night operation of the repeller.



Figure 4: Effective coverage and deterrence of the device.

7. Maintenance

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Check Mounting:** Regularly inspect the mounting to ensure the device remains securely attached and has not become loose due to weather conditions.
- **Battery Life:** The built-in NiMH rechargeable battery is designed for long-term use. If you notice a significant decrease in performance or the lights no longer flash, ensure the solar panel is clean and receiving adequate sunlight.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not light up at night.	Device is switched off. Insufficient sunlight for charging. Solar panel is dirty.	Ensure the ON/OFF switch is in the 'ON' position. Relocate the device to an area with more direct sunlight. Clean the solar panel.
Animals are not being deterred.	Incorrect placement or mounting height. Device not functioning correctly.	Adjust the device's position and mounting height according to the target animal (refer to Section 5). Ensure the device is fully charged and operating.
Lights are dim or flash intermittently.	Low battery charge.	Ensure the solar panel receives maximum direct sunlight for several days to fully charge the battery. Clean the solar panel.

9. Specifications

- **Model Number:** 92137
- **Brand:** ISOTRONIC
- **Power Source:** Solar-powered
- **Battery:** 1 x AA NiMH rechargeable battery (included)
- **Product Dimensions (L x W x H):**9 x 3 x 6 cm (approximately 3.54 x 1.18 x 2.36 inches)
- **Item Weight:** 68 grams (approximately 2.4 ounces)
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Water Resistance:** IP44
- **Color:** Black
- **Effective Coverage:** Up to 50 m² (approximately 538 sq ft) with a range of 15 meters (approximately 49 feet)



Figure 5: Product dimensions and key components.

10. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official ISOTRONIC website. If you encounter any issues that cannot be resolved using the troubleshooting guide, please contact ISOTRONIC customer service for further assistance.

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