ISOTRONIC 70048-C

ISOTRONIC Ultrasonic Mole, Vole, and Pest Repellent

Model: 70048-C

1. Product Overview

The ISOTRONIC Ultrasonic Mole, Vole, and Pest Repellent is designed to deter various garden pests, including moles, voles, ants, and snakes, from your property. It operates by emitting ultrasonic oscillations and vibrations through the ground, creating an uncomfortable environment for these animals without causing them harm. This device is animal-friendly, avoiding the use of poisons or live traps, and is safe for humans, beneficial garden animals, soil, and plants.

The repellent features a powerful vibration motor that provides an effective coverage area of up to 1250 square meters, making it suitable for gardens and larger fields. Its multi-frequency design transmits quartz oscillations between 400 and 1000 Hz at irregular intervals to prevent pests from becoming accustomed to the sound, ensuring continuous and effective displacement.



Figure 1: The ISOTRONIC Ultrasonic Mole, Vole, and Pest Repellent device.

2. Setup and Installation

Follow these steps to properly set up and install your ISOTRONIC pest repellent:

1. **Battery Installation:** The device requires 4 x 1.5V D-cell batteries (not included). Unscrew the green cap from the top of the device. Insert the batteries into the compartment, ensuring correct polarity. Replace the green cap securely to ensure the device remains waterproof.
2. **Placement:** Choose a location in your garden or field where pest activity is observed. For optimal effectiveness, place the device in the center of the affected area.
3. **Ground Insertion:** Dig a pilot hole in the ground to avoid damaging the device during insertion. Carefully push the device into the ground until the green cap is just above the surface. Ensure the device is firmly planted to allow vibrations to transmit effectively through the soil.
4. **Activation:** Locate the ON/OFF switch, typically found under the green cap or on the top surface. Press the switch to turn on the device. A subtle vibration or sound may indicate it is operating.



Figure 2: Components and installation details.



Figure 3: Proper ground insertion and effective range indication.

Important Note: After approximately 5-6 weeks, it is recommended to move the device(s) about 4-5 meters in the direction of the pests' escape route to encourage them to leave the area permanently and prevent them from becoming accustomed to the repellent.

3. Operating Instructions

Once installed and activated, the ISOTRONIC repellent operates continuously. The device emits ultrasonic vibrations and sounds at varying frequencies to effectively deter pests. There are no further operational steps required after initial setup.

- **Continuous Operation:** The device is designed for continuous operation to maintain a pest-free environment.
- **Battery Life:** A set of 4 D-cell batteries typically provides approximately 6 months of continuous operation.
- **Weather Resistance:** The device is 100% weather-resistant and designed for outdoor use, functioning effectively in rain and snow.

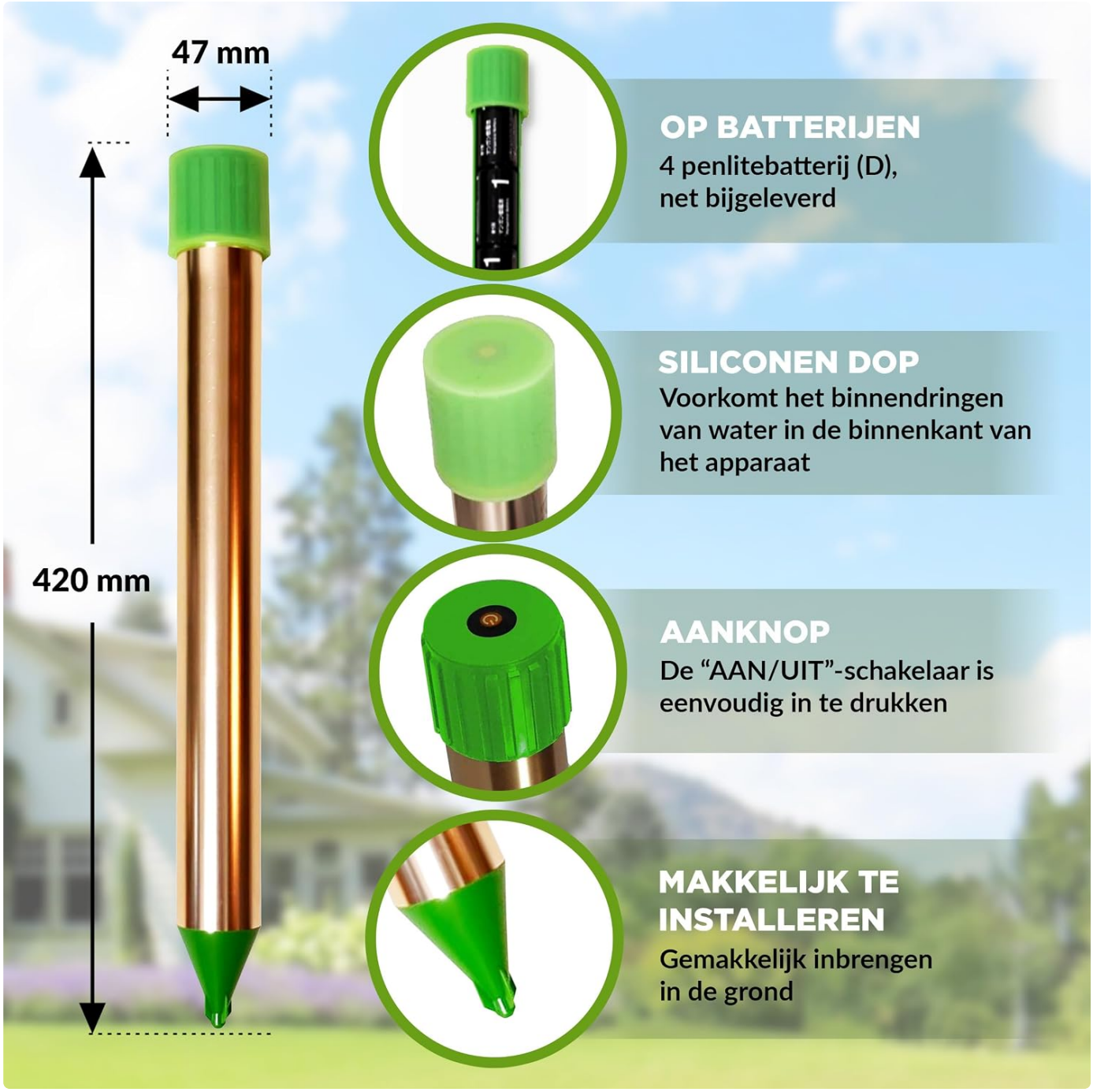


Figure 4: Device operating effectively in various weather conditions.

4. Maintenance

Minimal maintenance is required for your ISOTRONIC pest repellent:

- **Battery Replacement:** When the device stops vibrating or the effectiveness decreases, it is time to replace the batteries. Unscrew the green cap, remove the old batteries, insert new 4 x 1.5V D-cell batteries, and securely reattach the cap. This can be done without removing the device from the ground.
- **Cleaning:** Periodically wipe the exposed part of the device with a damp cloth to remove any dirt or debris. Do not use harsh chemicals.
- **Inspection:** Regularly check the device for any physical damage. Ensure the cap is always tightly sealed to maintain its waterproof integrity.

5. Troubleshooting

If your ISOTRONIC repellent is not performing as expected, consider the following:

- **Device Not Vibrating:**
  - Check if the batteries are correctly installed with the proper polarity.
  - Replace the batteries with new 4 x 1.5V D-cell batteries.
  - Ensure the ON/OFF switch is in the 'ON' position.
- **Reduced Effectiveness:**
  - Pests may become accustomed to the vibrations over time. Relocate the device 4-5 meters from its original position.
  - Ensure the device is firmly inserted into the ground. Loose placement can reduce vibration transmission.
  - Verify that the coverage area (1250 m^2) is not exceeded. For larger areas, multiple units may be required.
  - Check for any obstructions in the ground (e.g., large rocks, concrete) that might impede vibration spread.
- **Water Inside Device:**
  - Ensure the green cap is screwed on tightly and the silicone seal is intact.
  - If water has entered, remove batteries, allow the device to dry completely, and then re-evaluate.



Figure 5: Visual representation of effective pest deterrence.



Figure 6: Target pests and underground operation.

6. Specifications

Model Number	70048-C
Brand	ISOTRONIC
Power Source	4 x 1.5V D-cell batteries (not included)
Battery Life	Approximately 6 months
Effective Range	Up to 1250 m² (depending on soil conditions)
Frequency Range	400 - 1000 Hz (cyclic oscillations)

Dimensions (L x W x H)	46.5 x 4.2 x 4.2 cm
Item Weight	210 Grams
Material	Aluminum
Color	Green
Target Species	Moles, Voles, Ants, Snakes
Country of Origin	China

7. Safety Information

- Keep out of reach of children and pets. While the device is animal-friendly, it is not a toy.
- Do not immerse the entire device in water; only the lower part is designed for ground insertion.
- Do not attempt to open or modify the device beyond battery replacement. This may void the warranty and cause malfunction.
- Dispose of used batteries according to local regulations.
- Avoid placing the device near sensitive electronic equipment.

8. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official ISOTRONIC website. Please have your model number (70048-C) and purchase date ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question