Nuvetra 001

Nuvetra Osmo Repelmax Ultrasonic Pest Repeller

Model: 001

Brand: Nuvetra

1. Introduction

The Nuvetra Osmo Repelmax is an advanced ultrasonic pest repeller designed to provide comprehensive indoor protection. This modern, plug-in device utilizes an intelligent sonic array and high-intensity lighting to create an environment unsuitable for pests, offering a clean and humane solution for homes, offices, and warehouses. It features three distinct smart modes to adapt to various environmental needs and is engineered for energy efficiency and safety around families and pets.



Image 1.1: The Osmo Repelmax device, highlighting its ultra-wide 360-degree dispersion and variable frequency harmonics for effective coverage.

2. Safety Information

- Read all instructions before using the device.
- This device is for indoor use only. Do not expose to water or high humidity.
- Do not attempt to open or modify the device. Refer all servicing to qualified personnel.
- Keep out of reach of children and pets to prevent accidental damage or misuse, although the device is designed to be safe for them.
- Ensure the power outlet meets the device's specifications (AC power).
- Unplug the device before cleaning.

3. Package Contents

Verify that all items are present in your package:

- 1 x Nuvetra Osmo Repelmax Unit
- 1 x Power Adapter (integrated or separate, implied by "plug the included power adapter")
- 1 x User Manual (this document)

4. Product Features

The Osmo Repelmax incorporates several advanced technologies for effective pest deterrence:

- **Triple-Layer Operation Technology:**
  - **Ultrasonic Wave:** Emits multiple variable frequencies to disrupt pest communication and habits.
  - **Pressure Wave:** Generates pulsing sonic signals to discourage nesting.
  - **Electromagnetic Field:** Produces intermittent electromagnetic signals to affect pests within walls and wiring.
- **Three Smart Modes:** Allows customization of the device's operation based on specific needs and area size.
- **Energy-Efficient Design:** Consumes minimal power, comparable to a night light, for continuous 24/7 operation.
- **Safe for Family & Pets:** Designed with a clean and humane approach, safe for use in households with children, dogs, and cats.
- **Comprehensive Coverage:** Effective in large, open areas, with recommendations for one unit per enclosed room for maximum effectiveness.



Image 4.1: Illustration of the device's triple-layer operation technology, including ultrasonic, pressure wave, and electromagnetic field functions, alongside a chart indicating its effectiveness against various pests.



Image 4.2: Detailed view of the Osmo Repelmax's internal components, showcasing its multi-core wave processor, high-fidelity harmonic transducers, and multi-mode output selection for precision environmental wave conditioning.

5. Setup

1. **Unpack the Device:** Carefully remove the Osmo Repelmax from its packaging.
2. **Choose a Location:** Select a central location in the room where pest activity is observed. For optimal results, place one unit in each separate, enclosed room. Ensure the device is not obstructed by furniture, curtains, or other objects that could block the ultrasonic waves.
3. **Plug In:** Insert the power adapter into a standard wall outlet. The device will power on automatically.
4. **Initial Self-Check:** The device will perform a comprehensive system self-check upon initial power-up.



Image 5.1: Examples of optimal placement for the Osmo Repelmax in different environments, including a bedroom, warehouse, restaurant, and office, demonstrating its versatility.

6. Operating Instructions

The Osmo Repelmax features three smart modes, allowing you to tailor its operation to your specific needs. Use the control panel on the device to select your desired mode.

6.1. Smart Modes

- **Mode 1: Silent Operation (Eco-Conscious)**
  This mode is ideal for bedrooms, nurseries, or any area where minimal sound is preferred. It operates with gentle wave interactions for atmospheric balance and energy efficiency.
- **Mode 2: Automatic Frequency Adjustment**
  In this mode, the device self-adjusts its frequency conversion to optimize performance for various conditions. It provides a balanced approach for general pest deterrence.

- **Mode 3: Enhanced Protection (High-Intensity)**
  This mode utilizes a more aggressive frequency output and potentially higher intensity lighting for areas with significant pest concerns or larger spaces. It aims for maximum range and performance output.

Observe the device's performance progression over time. Full, comprehensive results typically take 3 to 4 weeks to become apparent.



Image 6.1: A chart illustrating the four operational phases of the Osmo Repelmax: Initialization, Active Tweaking, Core Synergy, and Long-Term Maintenance, indicating the progression of device performance.

7. Maintenance

- **Cleaning:** Unplug the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Obstruction Check:** Periodically ensure that the device's emitters are not blocked by dust, debris, or nearby objects.

- **Storage:** If storing the device for an extended period, unplug it and keep it in a cool, dry place.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	No power to the outlet; device not properly plugged in; faulty outlet.	Check if the outlet is working by plugging in another device. Ensure the Repelmax is securely plugged in. Try a different outlet.
Pest activity persists after initial setup.	Insufficient time for full effect; device placement issues; incorrect mode selection.	Allow 3-4 weeks for full results. Ensure the device is not obstructed and is placed centrally. Consider adding more units for larger or multi-room areas. Try a different smart mode.
Device emits audible chirping sound.	This can occur in certain modes or for some individuals.	Try switching to a different smart mode, particularly the "Silent Operation" mode, which is designed for minimal sound.
Device appears broken or damaged.	Manufacturing defect or physical damage.	Do not attempt to repair. Contact customer support for assistance.

9. Specifications

Model Number	001
Brand	Nuvetra
Product Dimensions	5.31 x 4.33 x 3.53 inches (D x W x H)
Power Source	AC
Control Method	Touch Control
Coverage Area	Up to 300m² (3,229 sq ft) per unit (recommended one unit per enclosed room)
Material	Flame-retardant ABS Construction
UPC	733612153566

10. Warranty and Support

Nuvetra stands behind the quality of its products. For warranty information, technical support, or any questions regarding your Osmo Repelmax, please refer to the contact information provided on the product packaging or visit the official Nuvetra website.
Please retain your proof of purchase for warranty claims.

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