ISOTRONIC 70625

ISOTRONIC Ultrasonic Bird Repeller (Model 70625) User Manual

Effective deterrence for birds and other pests

1. Introduction

The ISOTRONIC Ultrasonic Bird Repeller (Model 70625) is an advanced device designed to deter various birds, including pigeons, seagulls, sparrows, and crows, as well as cats, from your property. Utilizing multi-frequency ultrasonic technology, this repeller creates an uncomfortable environment for pests without causing them harm, offering an animal-friendly and environmentally conscious solution. It is ideal for use in a variety of outdoor settings to protect your gardens, balconies, windows, and other areas.

2. Product Overview

The ISOTRONIC Ultrasonic Bird Repeller is a compact, battery-operated device engineered for mobile and versatile use. Its key features include:

- **Battery-Operated:** Powered by 6 x AAA Micro batteries (included), providing approximately 8 months of operation.
- **Effective Range:** Offers approximately 4 meters of radial protection per device, covering an area of about 40 m².
- **Multi-Frequency Technology:** Employs varying ultrasonic frequencies (12-24 kHz) to prevent pests from becoming accustomed to the sound, ensuring continuous effectiveness.
- **Discreet Operation:** The ultrasonic frequency is designed for bird deterrence and may be audible to sensitive individuals, but it is generally inconspicuous.
- **Versatile Application:** Suitable for gardens, orchards, vineyards, fields, facades, balconies, gutters, windows, fruit trees, vehicles, carports, boats, and ships.
- **Water-Resistant:** Designed to withstand outdoor conditions.

Important Note: This device is intended for preventative use. It is not suitable for displacing nesting birds or existing bird nests.



Figure 2.1: ISOTRONIC Ultrasonic Bird Repeller with dimensions (6.8 cm width, 11.5 cm height, 3.8 cm depth). Highlights include battery operation (6x AAA), no more bird problems, barely audible and inconspicuous, and quick and easy installation.



Figure 2.2: The device is water-resistant, mobile, easy to control, and has an effective range of approximately 40 m².

3. Setup

3.1. Battery Installation

1. Locate the screws on the bottom of the device. Use a suitable screwdriver to loosen these screws and carefully remove the housing cover.
2. If replacing batteries, remove the old batteries from the battery holder.
3. Insert 6 new AAA Micro batteries into the battery holder. Ensure correct polarity (+/-) as indicated on the bottom of the battery holder.
4. Replace the housing cover and secure it by tightening the screws.



Figure 3.1: Step-by-step guide for replacing batteries: 1. Remove the housing cover. 2. Remove old batteries from the holder. 3. Insert 6 new AAA batteries with correct polarity. 4. Replace the housing cover.

3.2. Placement and Alignment

Optimal placement is crucial for the device's effectiveness. Consider the following:

- **Target Area:** Align the device so that the frequency waves can propagate unhindered towards the usual landing or resting places of the animals you wish to deter.
- **Avoid Obstructions:** Ensure there are no large objects, walls, or dense foliage directly in front of the device that could block the ultrasonic waves. Incorrect alignment can create 'blind spots' where animals remain undisturbed.
- **Mounting Options:** The device features an integrated holder, allowing it to be easily hung in a tree or on a balcony railing. It can also be placed on flat surfaces.



Figure 3.2: The bird repeller in use, shown hanging in a vineyard and placed on a balcony table, demonstrating its effectiveness in keeping birds away.



Figure 3.3: Various application scenarios for the bird repeller, including balconies, bird feeders, boats, gardens, benches, and carports.

4. Operating Instructions

4.1. Powering On/Off

Once the batteries are correctly installed, use the ON/OFF slide switch located on the side of the device to activate or deactivate it.

4.2. Operation Cycle

When activated, the device will emit high-frequency sounds for 5 seconds, followed by an interval of 30 seconds. This intermittent operation helps prevent habituation and ensures continuous deterrence.

4.3. Expected Results

For optimal results, continuous operation is recommended. If animals are already accustomed to staying in your area, it may take some time for the repeller to be fully effective:

- **1 Week:** Birds will begin to notice a change in their environment.
- **2 Weeks:** Environmentally friendly deterrence without traps or poison will be established.
- **3 Weeks:** Most birds will have found a new, undisturbed place to stay.

The device works by creating an unpleasant, though not necessarily painful, environment for pests. Patience is key to achieving long-term deterrence.



Figure 4.1: Operational mode and expected results over time: After 1 week, birds need a change of environment. After 2 weeks, environmentally friendly deterrence without traps or poison. After 3 weeks, birds will find a new place to stay. The device emits high-frequency sounds for 5 seconds with 30-second intervals.



Figure 4.2: Before and after comparison showing pigeons on a balcony railing and furniture, and then the same area clear of pigeons after the repeller is in use.



Figure 4.3: The device emits high-frequency sounds for 5 seconds with 30-second intervals, covering an effective range of approximately 40 m². It deters sparrows, pigeons, seagulls, crows, and grackles.

5. Maintenance

To ensure the longevity and optimal performance of your ISOTRONIC Ultrasonic Bird Repeller, follow these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the device with a soft, dry cloth to remove dust and dirt. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the electronics.
- **Battery Check:** Replace batteries approximately every 8 months, or sooner if you notice a decrease in performance. Refer to Section 3.1 for battery replacement instructions.
- **Inspection:** Periodically inspect the device for any signs of physical damage. Ensure the housing is intact and the ON/OFF switch operates smoothly.
- **Storage:** If storing the device for an extended period, remove the batteries to prevent leakage and store it in a cool, dry place.



Figure 5.1: The bird repeller is safe, non-toxic, chemical-free, animal-friendly, water-resistant, and environmentally friendly.

6. Troubleshooting

If you encounter issues with your ISOTRONIC Ultrasonic Bird Repeller, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Device does not turn on or operate.	Batteries are incorrectly installed or depleted.	Check battery polarity and ensure they are fresh. Replace all 6 AAA batteries if necessary (refer to Section 3.1).
Device is not effectively deterring pests.	Incorrect placement or insufficient time for deterrence. Pests are accustomed to the area.	Ensure the device is aligned towards the target area without obstructions (refer to Section 3.2). Allow 7 to 14 days, up to 3 weeks, for full effectiveness as pests habituate to the sound. Ensure continuous operation.

Problem	Possible Cause	Solution
Pests are still present, especially nesting birds.	The device is not designed to displace existing nests.	The repeller is for preventative use. It will not remove existing nests. Consider alternative, humane methods for existing nests.
Audible sound from the device.	Sensitive hearing.	The multi-frequency sound is designed for bird deterrence and may be audible to sensitive individuals. This is normal operation.

7. Specifications

Feature	Specification
Brand	ISOTRONIC
Model Number	70625
Product Dimensions (L x W x H)	6.8 x 3.8 x 11.5 cm
Weight	158 g
Power Source	6 x AAA Micro batteries (included)
Battery Life	Approx. 8 months
Effective Range	Approx. 40 m² (4 m radial protection)
Operating Frequency	12 - 24 kHz (alternating frequency)
Material	Plastic
Color	Green/Black
Target Species	Birds (pigeons, seagulls, sparrows, crows, grackles), cats
Country of Origin	China

8. Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the documentation included with your purchase or visit the official ISOTRONIC brand store. You can find the ISOTRONIC store at ISOTRONIC Store.
ISOTRONIC is committed to providing quality products and customer satisfaction. Please contact their support channels for any further assistance.

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