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ISOTRONIC 70628

ISOTRONIC Ultrasonic Bird Repellent

Model: 70628

1. Product Overview

The ISOTRONIC 70628 is a battery-operated ultrasonic repellent designed to deter birds such as pigeons and crows from specific areas. It emits ultrasonic waves at varying frequencies to prevent birds from becoming accustomed to the sound, creating an uncomfortable environment for them within its effective range.





Figure 1: The ISOTRONIC 70628 device, illustrating its ultrasonic emission capability to deter birds.

2. Safety Information

- This device emits ultrasonic frequencies that are generally inaudible to humans but can be irritating to some animals. Keep out of reach of small children and pets that may be sensitive to high-frequency sounds.
- Do not attempt to open or modify the device. Refer all servicing to qualified personnel.
- Ensure correct battery polarity when inserting batteries. Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries according to local regulations.
- While the device is IP54 waterproof, it is not designed for submersion in water or exposure to heavy, continuous rain or snow.

3. Package Contents

Please check the package for the following items:

- 1 x ISOTRONIC 70628 Ultrasonic Bird Repellent Unit
- 6 x AAA Batteries (pre-installed or included separately)

4. Setup and Installation

1. **Battery Installation:**

   Locate the battery compartment on the back of the device. Open the cover and insert 6 AAA batteries, ensuring correct polarity. Close the cover securely.





Figure 2: Illustration of battery installation into the device. The device is designed for portability and can operate for 6-12 months on a single set of batteries.

2. **Power On:**

   Locate the ON/OFF switch on the device and slide it to the "ON" position. A small indicator light may illuminate briefly.

3. **Placement:**

   The device is battery-operated and portable, allowing for flexible placement. Install it in areas where birds are a nuisance, such as verandas, balconies, gardens, or eaves. Ensure the ultrasonic emitter is facing the area you wish to protect. The device can be hung using the integrated loop or placed on a flat surface.



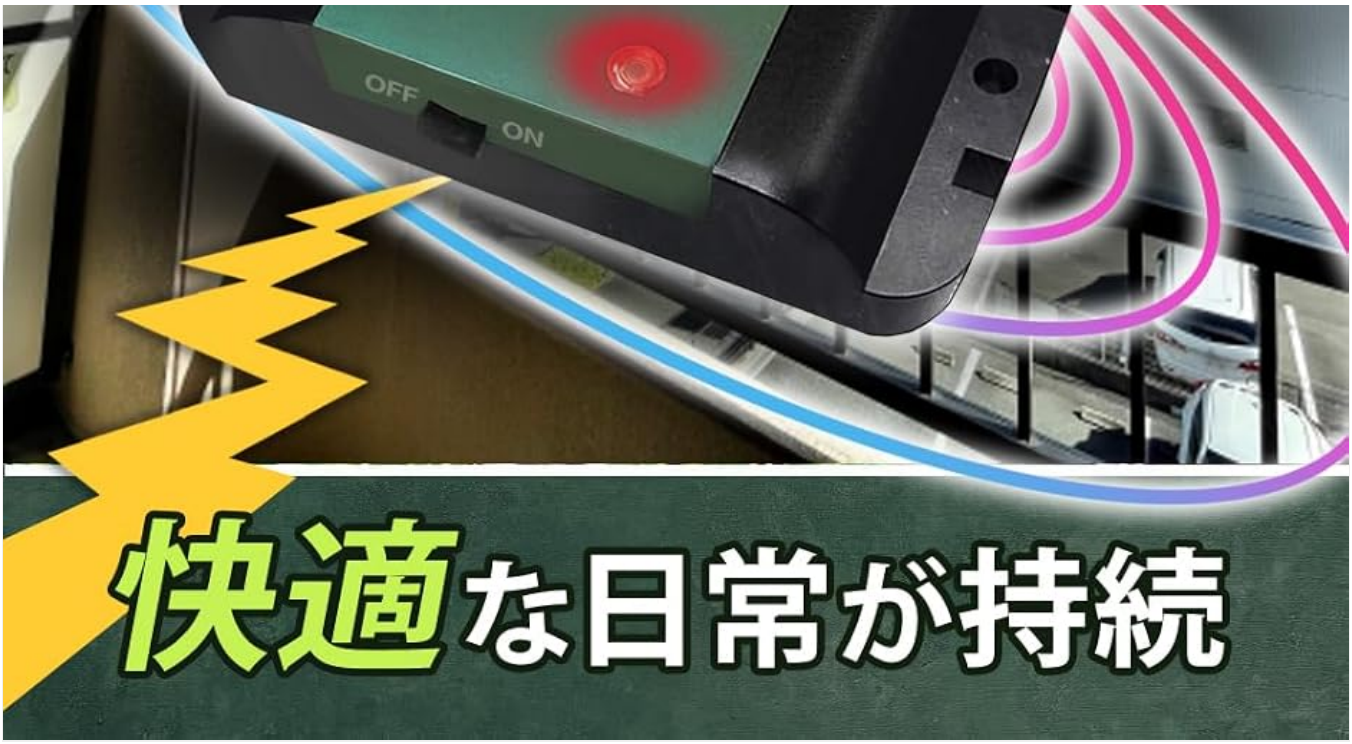


Figure 3: The device in an outdoor setting, demonstrating its ability to prevent birds from habituating to the ultrasonic sound by constantly changing frequencies.

5. Operation

Once powered on, the ISOTRONIC 70628 will begin emitting ultrasonic waves. The device operates in cycles: it will emit ultrasonic waves for 5 seconds, then pause for 25 seconds. This intermittent operation helps conserve battery life while maintaining effectiveness.
The device continuously varies the bandwidth of the ultrasonic frequency. This prevents birds from becoming accustomed to a single frequency, ensuring long-term effectiveness.

Expected Effectiveness Timeline:

- **Week 1:** Birds may begin to feel uncomfortable in the area.
- **Week 2:** Birds may start to relocate from the protected area.
- **Week 3 onwards:** The device helps prevent the return of birds, maintaining a bird-free environment.

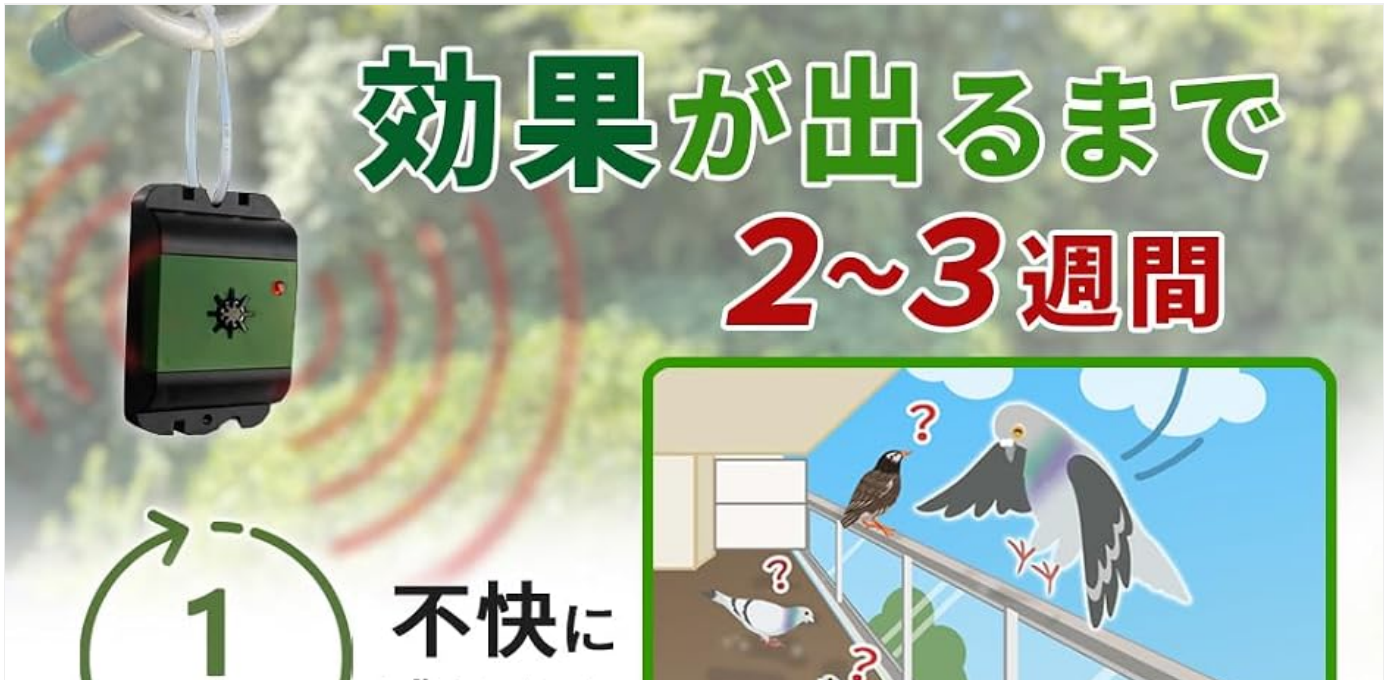




Figure 4: Visual representation of the device's effectiveness over a 2-3 week period. Consistent operation is key for optimal results.

6. Maintenance

- **Battery Replacement:** Replace all 6 AAA batteries when the device's performance diminishes or if the indicator light no longer functions. Battery life is approximately 6-12 months depending on usage and battery quality.
- **Cleaning:** Wipe the device periodically with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners or immerse the device in water.
- **Water Resistance:** The device has an IP54 rating, meaning it is protected from dust and splashing water from any direction. It is suitable for outdoor use in normal weather conditions. However, it is not designed to withstand heavy rainfall, snow, or submersion.

IP54防水

水滴が
付くような
通常の雨でも
問題なく動作





強い雨や雪など
水に浸かる状態では
使用できません

PROTECT
YOUR DAILY
LIFE

Pigeons & Bird Repellent

Figure 5: The device's IP54 waterproof rating, indicating protection against splashes and light rain, but not heavy downpours or submersion.

7. Troubleshooting

Problem	Possible Cause	Solution
Device does not turn on or emit sound.	Batteries are dead or incorrectly inserted. Device is switched off.	Check battery polarity and replace batteries if necessary. Ensure the ON/OFF switch is in the "ON" position.
Birds are still present after installation.	Insufficient time for effectiveness. Incorrect placement. Existing nests.	Allow 2-3 weeks for the device to take full effect. Ensure the device is positioned to cover the affected area. If existing nests are present, consider removing them (if safe and legal) before installation, as this can reduce effectiveness.
Battery life is shorter than expected.	Low-quality batteries. Extreme temperatures.	Use high-quality alkaline AAA batteries. Avoid exposing the device to extreme hot or cold temperatures for prolonged periods.

8. Specifications

Brand	ISOTRONIC
Model Number	70628
Dimensions	6.8 x 3.8 x 11.5 cm
Weight	240 g
Power Source	6 x AAA Batteries (included)
Effective Range	Up to 40 m² (166.9 sq ft)
Waterproof Rating	IP54
Color	Green

9. Warranty and Customer Support

This ISOTRONIC product comes with a**6-month warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.
For technical assistance, troubleshooting, or warranty inquiries, please contact ISOTRONIC customer support. As a Japanese company, ISOTRONIC is committed to providing reliable support for its products.





Figure 6: Information regarding the 6-month warranty and available customer support for ISOTRONIC products.

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