ISOTRONIC 78640

ISOTRONIC Animal Repeller Ultrasonic + Blue Flash Battery Operated (Model 78640)

Instruction Manual

Introduction

This manual provides essential information for the safe and effective use of your ISOTRONIC Animal Repeller, Model 78640. Please read these instructions carefully before use and retain them for future reference. This device is designed to deter various wild animals and pests from specific areas using a combination of ultrasonic waves and blue LED flashes.



Image: The ISOTRONIC Animal Repeller main unit, showcasing its compact design.

Product Features

- **Ultrasonic and Blue Flash Deterrence:** Emits ultrasonic waves (12-24kHz) and blue LED flashes that activate at night to create an unpleasant environment for wild animals and pests.
- **Vehicle-Compatible with Vibration Sensor:** Equipped with a vibration sensor for vehicle use. When installed in a car, it automatically turns off when engine vibration is detected, operating only when the vehicle is parked. This is suitable for deterring pests around parked vehicles.
- **Battery-Operated and Easy Installation:** Powered by 6 AAA batteries, requiring no wiring or external power. Can be installed in various locations such as gardens, parking lots, barns, or around vehicles using cable ties or screws.
- **Habituation Prevention:** Features changing frequencies to prevent animals from becoming accustomed to the ultrasonic sound.
- **IP54 Water Resistance:** Designed to withstand normal rain conditions.



Image: The repeller emitting blue light and sound waves, illustrating its dual deterrence method against various animals.

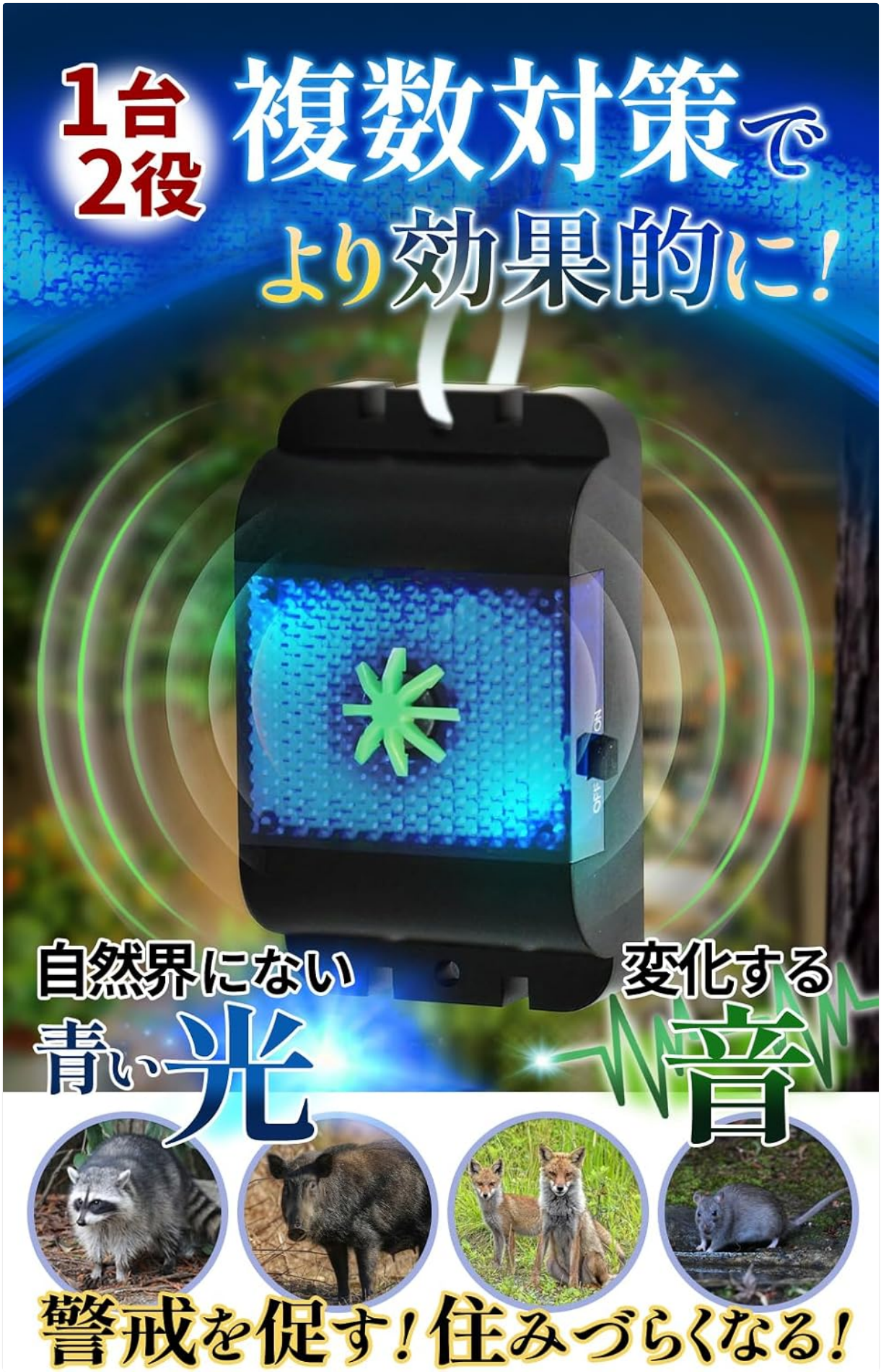


Image: The repeller demonstrating its changing frequency feature to prevent animal habituation.

Package Contents

- ISOTRONIC Animal Repeller Main Unit
- Instruction Manual
- AAA Batteries (6 pieces)
- Screwdriver
- Cable Ties

Setup and Installation

1. **Battery Installation:** Open the battery compartment and insert 6 AAA alkaline batteries, ensuring correct polarity.
2. **Power On/Off:** Locate the ON/OFF switch on the device and set it to the "ON" position to activate the repeller.
3. **Placement Considerations:**
    - Direct the speaker towards the area where animals are to be deterred.
    - Ensure there are no obstructions (e.g., thick walls, dense foliage, glass) directly in front of the speaker, as these can reduce the effective range.
    - For outdoor use, the effective linear distance is approximately 4-5 meters. Indoors, the effective area is up to 40m².
    - Avoid submerging the device in water, especially during heavy rain or snow, despite its IP54 water resistance.
4. **Mounting:** Use the provided cable ties or screws to secure the device in the desired location. The device has hanging holes for easy mounting.



Image: An overview diagram showing battery type, compact size, dual deterrence, water resistance, changing frequencies, and battery operation.



Image: Examples of suitable installation locations, including gardens, trash areas, attics, and near fields or fruit trees.

Operating Instructions

1. Once powered on, the device will begin emitting ultrasonic waves.
2. The blue LED flash will activate automatically during nighttime hours.
3. **Vehicle Mode:** If installed in a vehicle, the built-in vibration sensor will detect engine operation and temporarily pause the repeller. It will resume operation once the engine is turned off and no vibration is detected.
4. **Effectiveness Period:** It may take 2 to 3 weeks to observe the full effectiveness of the repeller, as animals need time to find the environment uncomfortable and relocate. Consistent placement is key.

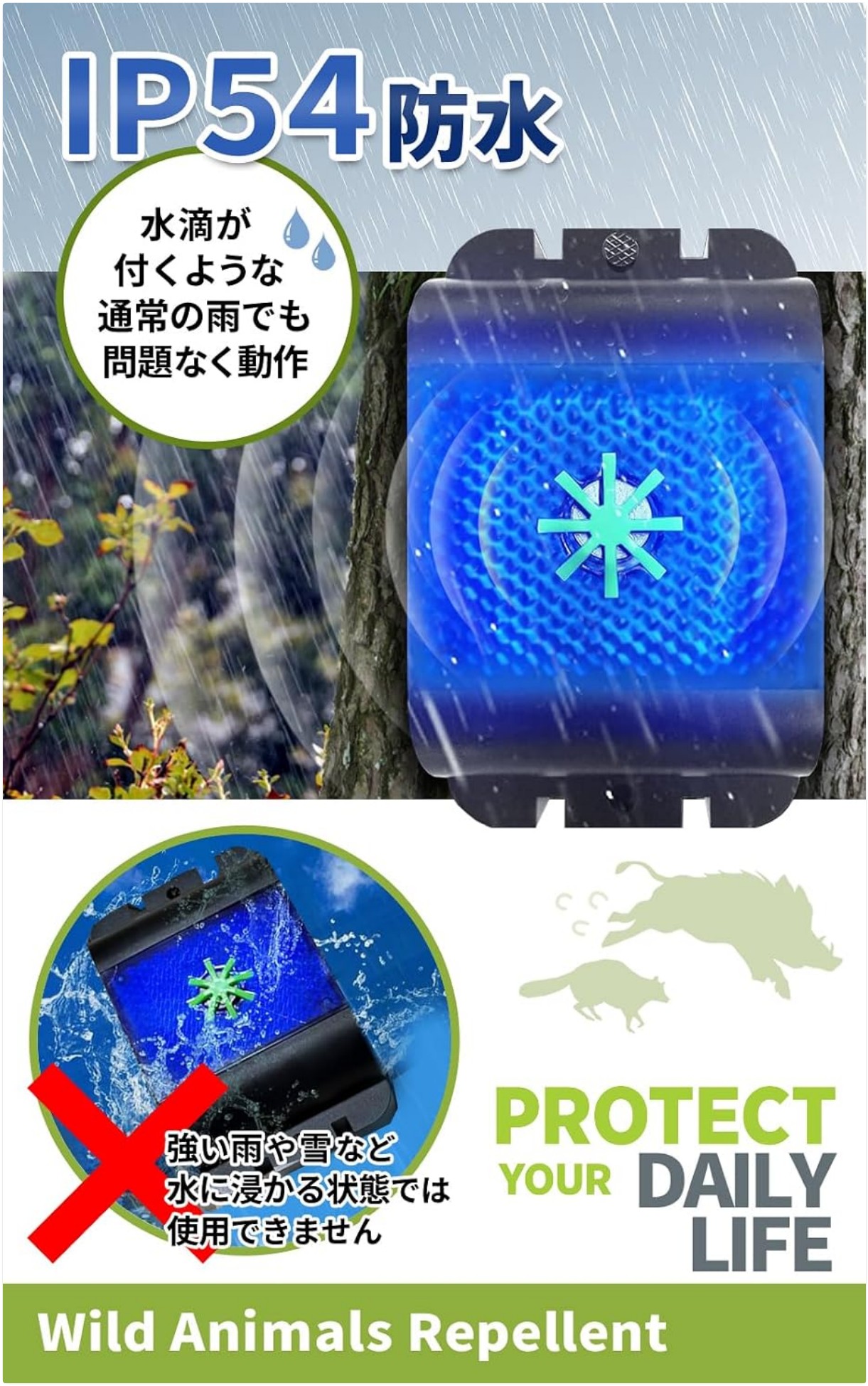


Image: A visual guide indicating the expected timeline for the repeller's effectiveness, showing initial discomfort, relocation, and long-term prevention over several weeks.

Maintenance

- **Battery Replacement:** Replace all 6 AAA batteries when the device's performance diminishes or stops. Battery life is approximately 6-12 months depending on usage.
- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use abrasive cleaners or immerse in water.
- **Inspection:** Periodically check the device for any physical damage or obstructions to the speaker.

Troubleshooting

Problem	Possible Cause	Solution
Device not turning on	Batteries are dead or incorrectly inserted.	Replace batteries with new ones, ensuring correct polarity. Check if the ON/OFF switch is in the "ON" position.
Reduced effectiveness	Obstructions blocking the ultrasonic waves; animals have become habituated; incorrect placement.	Reposition the device to an unobstructed area, directing the speaker towards the target area. Allow 2-3 weeks for full effect.
Blue LED not flashing at night	Insufficient darkness; device malfunction.	Ensure the device is in a sufficiently dark environment. If the issue persists after checking batteries, contact customer support.
Device stops in car	Engine vibration detected.	This is normal operation. The device is designed to pause when the engine is running and resume when parked.

Specifications

Brand: ISOTRONIC

Model Number: 78640

Dimensions: 18.5 x 8.1 x 6.3 cm

Weight: 250 g

Material: Plastic

Power Source: 6 x AAA Alkaline Batteries

Ultrasonic Frequency: 12-24 kHz

Effective Range (Indoor): Up to 40 m^2

Effective Range (Outdoor): 4-5 m (linear distance)

Water Resistance: IP54

Warranty and Support

Your ISOTRONIC Animal Repeller comes with the following assurances:

- **6-Month Manufacturer Warranty:** Covers defects in materials and workmanship under normal use.
- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.

- **Customer Support:** For any questions, concerns, or technical assistance, please contact our customer support team.



Image: A customer support representative ready to assist with product inquiries.

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