

AR28-Single

X-Pest Under Hood Rodent Repeller

Model: AR28-Single

PRODUCT OVERVIEW

The X-Pest Under Hood Rodent Repeller is an advanced ultrasonic device designed to protect vehicles and other areas from rodent infestation. It utilizes a combination of high-frequency ultrasonic waves and blinding LED lights to create an inhospitable environment for rats, mice, and other pests, deterring them from nesting or causing damage. This battery-operated unit is ideal for use in car engine bays, garages, warehouses, and other enclosed spaces.

Rodents can cause significant damage to vehicle wiring and components. The X-Pest repeller provides a non-toxic, humane, and effective solution to prevent such issues, ensuring the longevity and safety of your property.

KEY FEATURES

- **Effective Rodent Deterrence:** Emits ultrasonic waves (18kHz - 36kHz) and blinding LED lights to disrupt rodent auditory and visual systems.
- **Multiple Power Options:** Supports 4*AA dry batteries, rechargeable batteries, or direct connection to DC 5-12V power (e.g., USB adapter or vehicle power).
- **Low Power Consumption:** Operates efficiently with only 0.1W power consumption when ultrasonic and white light functions are active.
- **Automatic Operation:** Features a vibrating sensor that automatically activates when the vehicle stops and deactivates when the vehicle starts moving.
- **Overcurrent Protection:** Includes a fuse in the red power line to protect the unit from electrical surges.
- **Safe for Use:** Designed to be safe for use around children and pets when installed and operated as directed.

PRODUCT COMPONENTS

Familiarize yourself with the different parts of your X-Pest Rodent Repeller:



Image: Detailed diagram showing the X-Pest Rodent Repeller with labeled components including Power On/Off switch, Red/Green indicators, Blinding lights, Ultrasonic speaker, Power input (DC5-12V), and 4*AA Battery compartment.

- 1. Power On/Off Switch:** Controls the device's power.
- 2. Red/Green Indicator:** Indicates operational status.
- 3. Blinding Lights:** Two bright LED lights that flash to deter rodents.
- 4. Ultrasonic Speaker:** Emits high-frequency sound waves.
- 5. Power Input (DC5-12V):** Port for external power supply.
- 6. 4*AA Batteries Compartment:** For battery power option.

SETUP AND INSTALLATION

The X-Pest Rodent Repeller offers flexible power options and is designed for easy installation.

Power Supply Options

The device supports three modes of power supply:

1. **Dry Batteries:** Install 4*AA batteries into the designated compartment. Ensure correct polarity.
2. **Rechargeable Batteries:** Use 4*AA rechargeable batteries.
3. **DC Power / Vehicle Power:** Connect the device to a DC 5-12V power source using a compatible adapter or directly to your vehicle's power system. A fuse is integrated into the red power line for protection.

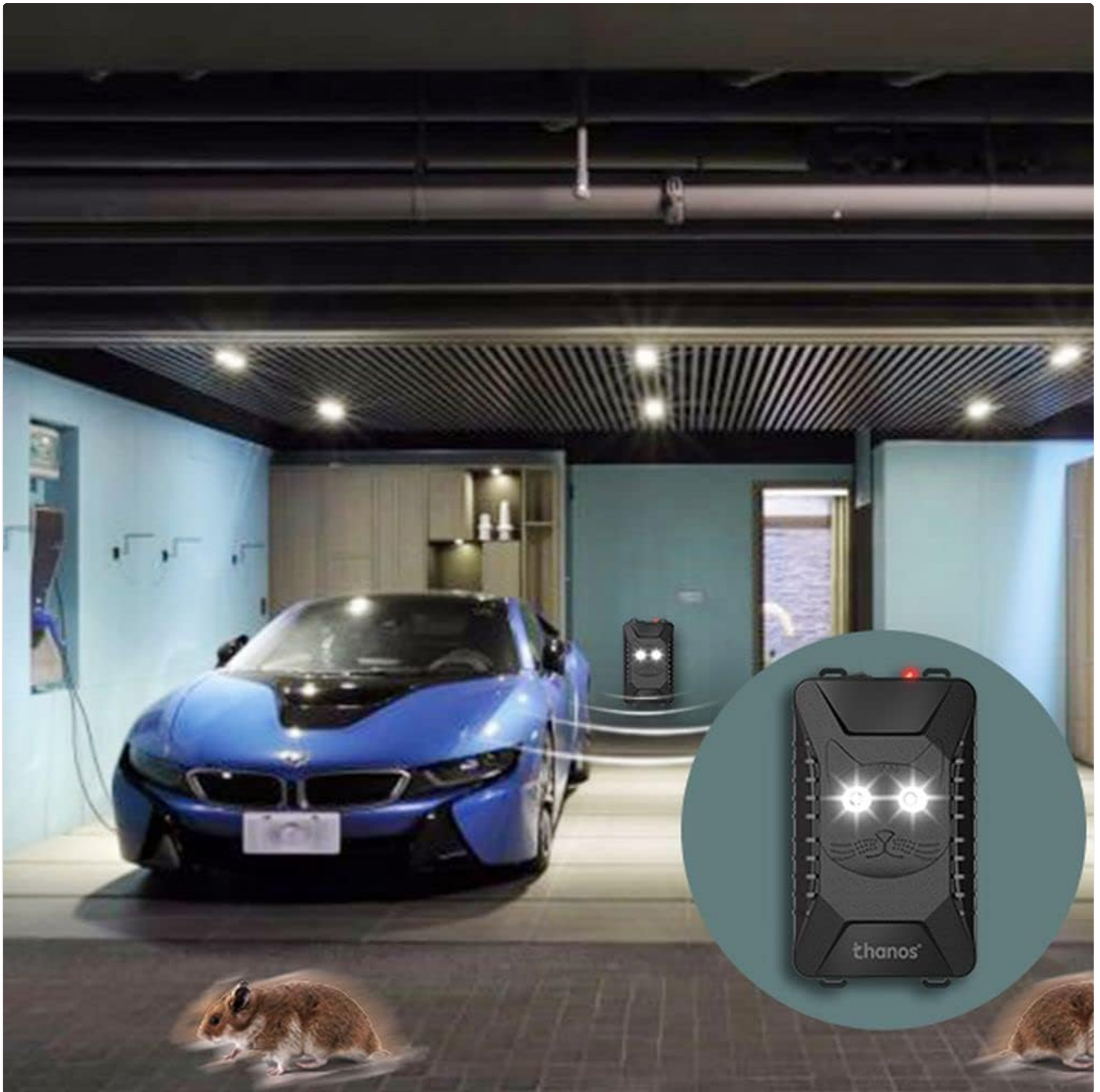


Image: Visual guide demonstrating the three power supply options: installing 4*AA batteries, connecting via a USB adapter (DC 5-12V), and connecting to vehicle power.

Installation Steps (Under Hood)

For optimal performance in a vehicle engine bay:

1. **Choose Location:** Select a flat, stable surface under the hood where the device can be securely mounted and its ultrasonic waves are not obstructed. Ensure it is away from extreme heat or moving parts.
2. **Secure Device:** Use zip ties or screws (not included) through the mounting tabs on the device to secure it firmly.
3. **Connect Power:**
 - If using batteries, ensure they are correctly installed.

- If connecting to vehicle power, connect the red wire (with fuse) to the positive (+) terminal of the car battery or a suitable 12V power source, and the black wire to the negative (-) terminal or chassis ground. Ensure connections are secure and insulated.

4. **Activate:** Turn the Power On/Off switch to the "On" position. The indicator light will illuminate.

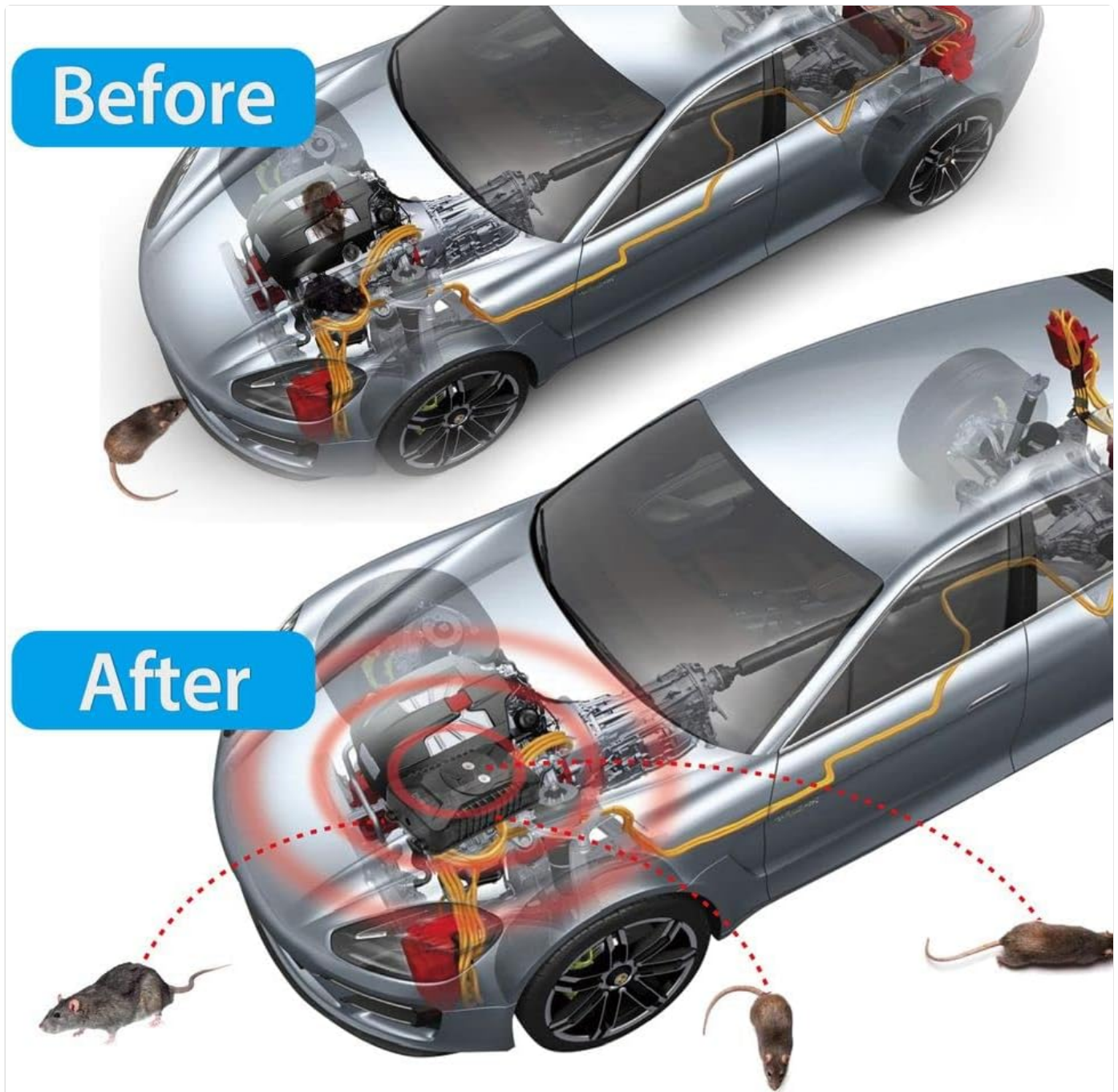


Image: Illustration depicting a "Before" scenario with rodents present in a car engine bay and an "After" scenario showing the X-Pest repeller installed, emitting deterrent signals, and the absence of rodents.

OPERATING INSTRUCTIONS

Once installed and powered on, the X-Pest Rodent Repeller operates automatically.

Automatic Operation

The device features an intelligent vibrating sensor for vehicle applications:

- When the vehicle is **stationary** (no vibration detected), the repeller will automatically activate its ultrasonic and blinding light functions to deter rodents.

- When the vehicle is **in motion** (vibration detected), the repeller will automatically pause its operation to conserve power and avoid interference during driving.

This auto-switch off sensor ensures the device is active only when needed, maximizing battery life and effectiveness.

Ultrasonic and Light Emission

The repeller emits a combination of deterrents:

- **Ultrasonic Waves:** The device sweeps ultrasonic waves quickly and slowly by turns, with varying time durations, at frequencies between 18kHz and 36kHz. These frequencies are generally inaudible to humans but highly irritating to rodents.
- **Blinding Lights:** Two bright LED lights flash intermittently, creating a disorienting visual deterrent for pests.



Three Modes of Power Supply



Image: Graphic illustrating the combined effect of blinding light and ultrasonic waves emanating from the repeller, impacting a rat's nervous system.

For indoor use (e.g., garage, warehouse), ensure the device is placed where its signals are not obstructed. Avoid using it in bedrooms due to the flashing lights.



Image: Collage showing various locations where the repeller can be used, such as a garage, warehouse, and office. It also includes a warning against using it in a bedroom due to the strobe light emission.

MAINTENANCE

To ensure the longevity and effective operation of your X-Pest Rodent Repeller, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the exterior of the device with a soft, dry cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Battery Replacement:** If using dry batteries, replace all four AA batteries when the indicator light dims or the device stops functioning. Ensure to replace with fresh batteries of the same type.
- **Obstruction Check:** Regularly check that the ultrasonic speaker and LED lights are not obstructed by dirt, leaves, or other materials, especially if installed in a vehicle engine bay.
- **Connection Check:** If connected to vehicle power, periodically inspect the wiring and connections for any signs of wear or corrosion.

TROUBLESHOOTING

If you encounter issues with your X-Pest Rodent Repeller, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not turning on / No indicator light.	- Power switch is off. - Batteries are dead or incorrectly installed. - External power connection is loose or faulty. - Fuse blown (for vehicle power).	- Ensure the Power On/Off switch is in the "On" position. - Replace batteries with fresh ones, ensuring correct polarity. - Check external power cable and connection points. - Inspect and replace the fuse in the red power line if necessary.
Device not deterring rodents effectively.	- Ultrasonic speaker or lights are obstructed. - Device placement is not optimal. - Rodents may be accustomed to ultrasonic sounds (rare).	- Clear any obstructions from the front of the device. - Relocate the device to an area with better line of sight to potential rodent entry points. - Ensure the device is operating continuously when the vehicle is parked.
Device not turning off when vehicle starts.	Vibration sensor malfunction.	- Ensure the device is securely mounted and can detect vehicle vibrations. - If the issue persists, contact customer support.

SPECIFICATIONS

Brand	Generic
Model	AR28-Single
Ultrasonic Frequency	18kHz - 36kHz (sweeping)
Power Consumption	0.1W (when active)
Power Supply Options	4*AA Batteries (Dry/Rechargeable), DC 5-12V (USB adapter/Vehicle power)
Dimensions	14 x 7 x 10 cm
Item Weight	200 Grams
Special Features	Vibrating sensor for auto On/Off, Blinding LED lights, Overcurrent protection fuse.

WARRANTY AND SUPPORT

This product is covered by the standard return policy of the retailer from whom it was purchased. For specific warranty details or technical support, please refer to the documentation provided at the time of purchase or contact the seller directly.

For assistance with installation, operation, or troubleshooting, please reach out to the manufacturer or authorized distributor. Keep your purchase receipt as proof of purchase for any warranty claims.

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