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## JahyElec NO.139

# JahyElec Solar Ultrasonic Animal Repellent

MODEL: NO.139

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## Introduction

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This manual provides comprehensive instructions for the setup, operation, and maintenance of your JahyElec Solar Ultrasonic Animal Repellent, Model NO.139. This device is designed to humanely deter various animals from your outdoor spaces using ultrasonic sound and LED light, ensuring a safe and protected environment.

The repellent is solar-powered, motion-activated, and built to withstand outdoor conditions, offering an eco-friendly and low-maintenance solution for animal deterrence.

## Safety Information

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- The ultrasonic sound emitted by this device is generally harmless to humans and household pets like cats and dogs. However, prolonged direct exposure to the ultrasonic speaker is not recommended.
- Ensure the device is installed securely to prevent it from falling or being dislodged, which could cause injury or damage.
- Keep out of reach of small children.
- Do not attempt to open or modify the device, as this may void the warranty and pose a safety risk.

## Product Overview

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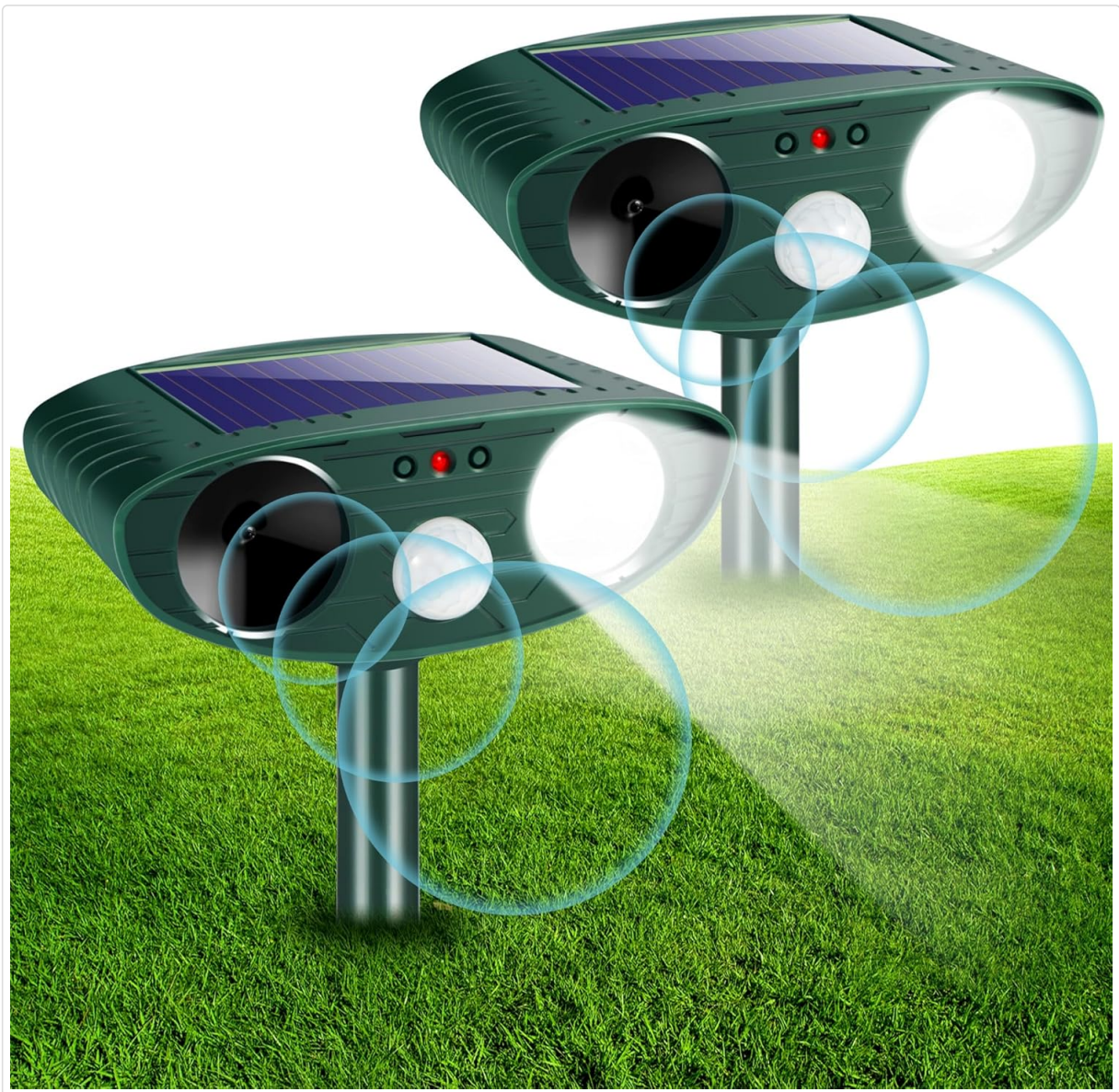
The JahyElec Solar Ultrasonic Animal Repeller integrates several key components to effectively deter animals:

- **Solar Panel:** Converts sunlight into energy to power the device and recharge its internal battery.
- **PIR Motion Sensor:** Detects movement within a 110-degree wide range and up to 30 feet, triggering the deterrent functions.
- **Ultrasonic Speaker:** Emits high-frequency sound waves that are unpleasant to animals but generally inaudible to humans.

- **LED Flash Light:** Provides visual deterrence with bright, flashing lights, especially effective at night.
- **LED Red Light:** Indicates activation and operational status.



**Figure 1:** A detailed diagram illustrating the key components and dimensions of the JahyElec Solar Ultrasonic Animal Repeller. It highlights the solar panel, LED red light, ultrasonic speaker, PIR motion sensor, and LED flash light, along with the device's approximate dimensions of 6 inches wide and 15 inches tall when staked.



**Figure 2:** This image shows two JahyElec Solar Ultrasonic Animal Repellers installed in a lush green lawn. The devices are depicted with visual representations of ultrasonic waves emanating from them, along with bright light flashes, indicating their active state in deterring animals from the area.

## Setup

Follow these steps to set up your animal repellent device:

1. **Assembly:** The device comes with a multi-part stake. Connect the stake sections firmly together.
2. **Attachment:** Attach the main repellent unit to the top of the assembled stake.
3. **Placement:** Insert the pointed end of the stake into the ground in the desired area. For optimal results, ensure the unit is positioned approximately 9-10 inches above ground.
4. **Initial Charge:** Before first use, allow the device to charge in direct sunlight for 4-6 hours. This ensures the internal battery is sufficiently powered for continuous operation.
5. **Power On:** Locate the power switch, typically on the underside or back of the unit, and switch it to the 'ON' position.

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**Video 1:** This video demonstrates the assembly and basic features of the Solar Ultrasonic Animal Repellent, including its solar charging capability and motion sensor. It shows how to connect the stake parts and attach the main unit, then place it in the ground.

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**Video 2:** This video provides an unboxing and assembly guide for a similar solar animal repeller. It details the components included and the simple steps to put the device together for outdoor use.

## Operating Instructions

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The JahyElec Solar Ultrasonic Animal Repellent operates automatically once activated:

1. **Motion Detection:** When the PIR sensor detects movement within its range (25-30 ft) and angle (150 degrees), the device activates.
2. **Deterrent Activation:** Upon detection, the red light and ultrasonic signal are activated for approximately 15 seconds. This includes 2.5 seconds of sound and flashing white LED light.
3. **Standby Mode:** After the activation cycle, the device returns to standby mode, conserving power until the next motion detection.
4. **Frequency/Sensitivity Adjustment:** The device may feature dials to adjust the ultrasonic frequency and motion sensor sensitivity. Refer to the markings on the device for specific settings to target different animals or adjust detection range.



**Figure 3:** An illustration of the JahyElec Solar Ultrasonic Animal Repeller positioned in a garden, demonstrating its wide coverage area (110 degrees, up to 33 feet). Various animals such as raccoons, deer, rabbits, squirrels, foxes, and dogs are shown outside the protected zone, indicating the device's effectiveness in keeping them away.

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**Video 3:** This short video demonstrates the activation of the animal repellent, showing the flashing lights and audible sound when motion is detected, effectively driving animals away.

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**Video 4:** This video provides a detailed overview of the solar ultrasonic animal repellent, including its features, assembly, and how to adjust settings for different animals. It also demonstrates the device's sound and light functions.

## Maintenance

The JahyElec Solar Ultrasonic Animal Repellent is designed for low maintenance:

- **Solar Charging:** Ensure the solar panel is kept clean and free from debris (leaves, dirt, snow) to maximize sunlight absorption and maintain optimal battery charge.
- **Waterproof Design:** The device has an IP44 waterproof rating, allowing it to withstand rain and snow. No special weather protection is typically required.
- **Cleaning:** Periodically wipe the device with a soft, damp cloth to remove any accumulated dirt or dust.

Do not use harsh chemicals or abrasive materials.



**Figure 4:** The JahyElec Solar Ultrasonic Animal Repeller is shown outdoors during rainfall, with water droplets visible on its surface. An 'IP44 Waterproof' icon is prominently displayed, indicating its durability and ability to function effectively in various weather conditions.

## Placement and Application

The versatile design allows for installation in various outdoor locations:

- **Gardens and Lawns:** Ideal for protecting flower beds, vegetable gardens, and grassy areas from common pests.
- **Orchards and Farms:** Can be used to deter larger animals like deer and raccoons from crops.
- **Patios and Outdoor Spaces:** Helps keep unwanted animals away from recreational areas.
- **Camping Sites:** Provides a portable solution for deterring wildlife during outdoor excursions.

Ensure the device is placed in an area that receives ample direct sunlight for effective solar charging.



**Figure 5:** A collage showcasing the versatility of the JahyElec Solar Ultrasonic Animal Repeller across different outdoor environments. It illustrates the device's use in an orchard, a home garden, a camping site, and a farm, highlighting its adaptability for various pest control needs.

## Troubleshooting

- **Device Not Activating:**

- Ensure the power switch is in the 'ON' position.
- Verify the device receives sufficient direct sunlight for charging. Relocate if necessary.
- Check if the motion sensor is obstructed or dirty. Clean gently if needed.

- **Animals Not Deterred:**

- Adjust the frequency setting to target different types of animals.
- Increase the sensitivity of the motion sensor.
- Ensure the device is placed at the recommended height (9-10 inches above ground) for optimal coverage.
- Consider installing multiple units for larger areas or persistent pest issues.

- **Short Operating Time:**

- Ensure the solar panel is clean and exposed to direct sunlight for at least 4-6 hours daily.
- The battery may require replacement after extended use.

## Specifications

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Feature	Detail
Product Dimensions	5 x 3 x 16 inches (5"L x 3"W x 16"H)
Item Weight	1.34 pounds
Manufacturer	JahyElec
Item Model Number	NO.139
ASIN	B0F5FZSFB9
Color	Green
Number of Pieces	2
Is Electric	No
Unit Count	2.0 Count

## Warranty and Support

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For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official JahyElec website. Keep your proof of purchase for any warranty claims.