

Meilen B0BPLQK7RC

Meilen Solar Animal Repeller Instruction Manual

Model: B0BPLQK7RC

1. INTRODUCTION

The Meilen Solar Animal Repeller is designed to deter various pests from your garden, yard, and outdoor areas using ultrasonic sound, alarm sounds, and flashing lights. It features a 360-degree detection range and is powered by solar energy, offering an environmentally friendly solution for animal control.

Single / Double-sided Induction Mode

Press for 2 seconds, the white flashing light flashes twice, and switch the single / double-sided induction mode.



Image 1.1: The Meilen Solar Animal Repeller effectively covers a 360-degree area, deterring animals like foxes, cats, squirrels, raccoons, and dogs from entering your property.

2. PRODUCT FEATURES

- **360° Protection:** Equipped with two infrared sensors for comprehensive motion detection up to 5000 square feet.
- **Multiple Deterrent Methods:** Emits ultrasound, alarm sounds, and flashing lights upon detection.
- **7 Operation Modes:** Customizable settings to target different types of animals and situations.
- **Underground Rodent Repellent:** Includes a buzzer mode to deter subterranean pests like moles and gophers.
- **Solar Powered:** Integrated solar panel for continuous charging, reducing energy consumption.
- **Durable and Weatherproof:** Constructed with high-quality, UV-resistant material, rated IP66 for water resistance against rain and snow.
- **Flexible Induction Modes:** Easily switch between single-sided and double-sided induction.

3. PACKAGE CONTENTS AND COMPONENTS

Before installation, ensure all components are present:

- Meilen Solar Animal Repeller Unit (with integrated solar panel, PIR sensor, ultrasonic speakers, LED flash light, Type-C charging port)
- Connecting Rod
- Mounting Rod (Ground Stake)
- Buzzer (for underground rodent repellent)



Image 3.1: Detailed view of the Meilen Solar Animal Repeller's main components and their functions.

4. SETUP INSTRUCTIONS

1. **Assembly:** Connect the connecting rod to the main repeller unit. Then, attach the mounting rod (ground stake) to the bottom of the connecting rod.
2. **Placement:** Choose an outdoor location that receives ample direct sunlight for the solar panel to charge effectively. Ensure the area to be protected is within the device's 360-degree detection range. Avoid placing it behind large obstructions that could block the sensor or sunlight.
3. **Installation:** Firmly insert the assembled repeller into the ground using the mounting rod. Ensure it is

stable and upright.

4. **Initial Charge:** For optimal performance, allow the device to charge under direct sunlight for at least 8 hours before first use, or use the Type-C charging port for a quicker initial charge if needed.

5. OPERATING INSTRUCTIONS

5.1. Mode Selection

Use the "*Mode Adjustment*" button on the device to cycle through the 7 available operation modes. Each press will switch to the next mode. The first 6 modes are for ground animals, and the 7th mode (Buzzer Mode) is for underground animals.

5.2. Sensitivity/Volume Adjustment

The "*Sensor Sensitivity/Sonic Volume*" knob controls both the detection range and the volume of the sonic deterrent. Turn the knob to adjust:

- **Turn Right (Increase Sensitivity):** Increases the detection distance (up to 12 meters) and the volume of the sound.
- **Turn Left (Decrease Sensitivity):** Decreases the detection distance and the volume of the sound.

Sensitivity/Volume Adjustment

The higher the sensitivity, the louder the sound.

240° Infrared Sensor Angle



Turn it right (increase sensitivity) to detect objects at a further distance (up to 12 meters), the volume will increase accordingly.



Turn it left (decrease sensitivity) to detect objects at a closer distance, the volume will decrease accordingly.



Image 5.1: Adjusting the sensitivity and sonic volume for optimal performance.

5.3. Single/Double-sided Induction Mode

To switch between single-sided and double-sided induction, press the designated button for 2 seconds. The white flashing light will flash twice to indicate the change in mode. Double-sided induction provides broader coverage.

6. MODES OF OPERATION

The repeller offers 7 distinct modes to address various pest issues:

- **Mode 1:** Ultrasound (15kHz-65kHz).
- **Mode 2:** SOS Alarm sound.
- **Mode 3:** Red and white LED flashing light.
- **Mode 4:** Animal sounds.
- **Mode 5:** Ultrasound (15kHz-65kHz) + Red and white LED flashing light + SOS Alarm sound.
- **Mode 6:** Ultrasound (15kHz-65kHz) + Red and white LED flashing light + SOS Alarm sound + Animal

sounds.

- **Buzzer Mode (Mode 7):** Seismic waves (works at night only). This mode is triggered every five minutes to deter underground rodents.



7 Operation Modes

Mode 1:

Ultrasound 15kHz-65kHz.

Mode 2:

SOS Alarm sound.

Mode 3:

Red and white LED flashing light.

Mode 4:

Animal sounds.

Mode 5:

Ultrasound 15kHz-65kHz+Red and white LED flashing light+SOS Alarm sound.

Mode 6:

Ultrasound 15kHz-65kHz+Red and white LED flashing light+SOS Alarm sound+Animal sounds.

Buzzer Mode : Seismic waves (work at night only).

Working frequency: Triggered every five minutes.

Image 6.1: Overview of the 7 distinct operation modes.

7. UNDERGROUND RODENT REPELLENT (BUZZER MODE)

To activate the underground rodent repellent feature:

1. Connect the provided buzzer to the device's buzzer interface.
2. Insert the buzzer into the ground in the area where underground rodents (moles, gophers, shrews) are present.
3. Switch the device to "*Buzzer Mode*" (Mode 7) using the mode adjustment button.

The buzzer simulates seismic waves to drive away subterranean pests. Consistent use for 2 to 4 weeks is typically required for effective deterrence of moles and gophers from crops and lawns.

Upgraded Buzzer

It can prevent animals such as moles from entering the garden and yard.



Image 7.1: Utilizing the upgraded buzzer for underground pest control.

8. POWER AND CHARGING

The Meilen Solar Animal Repeller is designed for energy efficiency and durability:

- **Solar Charging:** The integrated solar panel continuously absorbs sunlight to charge the internal lithium battery, ensuring daily operation without external power.
- **Type-C Charging:** A Type-C charging port is available for supplementary charging, especially during periods of low sunlight or for a quick initial charge.
- **Weatherproof Design:** The device has an IP66 waterproof rating, making it resistant to rain, snow, and harsh sunlight. Its high-quality material is also resistant to drops and UV exposure.



Image 8.1: Solar power design and IP66 waterproof capabilities.

9. MAINTENANCE

To ensure the longevity and optimal performance of your Meilen Solar Animal Repeller:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Clear Sensors:** Ensure the PIR sensors are free from obstructions like leaves or tall grass to maintain accurate motion detection.
- **Check Placement:** Periodically verify that the device remains securely installed and positioned for maximum sun exposure and coverage.
- **Winter Storage:** In areas with prolonged periods of extreme cold or heavy snow, consider storing the device indoors to protect the battery and electronics.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device is not activating or making sound.	Low battery charge; Sensor obstructed; Sensitivity set too low.	Ensure solar panel receives direct sunlight or charge via Type-C. Clear any obstructions from the sensor. Increase sensor sensitivity.
Animals are not being deterred.	Incorrect mode selected; Sensitivity/volume too low; Animals accustomed to deterrent.	Try a different operation mode. Increase sensitivity and volume. Reposition the device. Consider using multiple units for larger areas.
Buzzer mode is ineffective for underground rodents.	Insufficient time for deterrence; Buzzer not properly inserted.	Allow 2-4 weeks for full effectiveness. Ensure buzzer is firmly inserted into the ground.
Device activates too frequently or for non-animal movement (e.g., leaves).	Sensitivity set too high; Device placed too close to moving objects.	Decrease sensor sensitivity. Reposition the device away from foliage or other moving objects.

11. SPECIFICATIONS

- **Brand:** Meilen
- **Model:** B0BPLQK7RC
- **Color:** Green
- **Style:** Modern
- **Target Species:** Raccoon, Rat, Mouse (also deters deer, cats, rabbits, skunks, squirrels, moles, gophers, shrews)
- **Unit Count:** 1.0 unit
- **Detection Range:** Up to 5000 square feet, 360° sector (with two infrared sensors)
- **Sensor Sensitivity:** Adjustable, up to 12 meters detection distance
- **Water Resistance:** IP66
- **Power Source:** Solar powered with Type-C charging option

12. WARRANTY AND SUPPORT

For any questions or concerns regarding your Meilen Solar Animal Repeller, please contact customer support through the Amazon platform. Our team is committed to providing a prompt resolution within 24 hours.