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› SWZEC Sonic Barrier AllGuardX Ultrasonic Animal Repellent User Manual

## SWZEC CSB010

# SWZEC Sonic Barrier AllGuardX Ultrasonic Animal Repellent User Manual

Model: CSB010

## INTRODUCTION

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The SWZEC Sonic Barrier AllGuardX is a professional ultrasonic animal repellent designed to deter various animals from your garden, yard, or other outdoor areas. This device utilizes adjustable ultrasonic frequencies, alarm sounds, and flashing lights, combined with infrared sensing technology, to create an unwelcome environment for pests without causing harm. It is solar-powered with an option for AC charging, ensuring continuous operation.

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Sonic Barrier AllGuardX repellent.

## SAFETY INFORMATION

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- Read all instructions carefully before using the device.
- Keep the device out of reach of children.
- Do not immerse the device in water. While weather-resistant, prolonged submersion can cause damage.
- Do not attempt to open or modify the device. This will void the warranty and may cause damage or injury.
- Ensure the solar panel is clean and exposed to direct sunlight for optimal charging.
- When installing, avoid placing the device where it could be a tripping hazard.
- The ultrasonic sound may be audible to some pets. Observe your pets' reactions and adjust placement or mode if necessary.

## SETUP

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The Sonic Barrier AllGuardX is designed for easy installation in various outdoor environments.

## Charging the Device

Before first use, it is recommended to fully charge the device. The unit is primarily solar-powered, but can also be charged via an AC adapter (not always included, check package contents).

- **Solar Charging:** Place the device in an area where the solar panel receives direct sunlight for at least 8 hours. The device will charge during the day.
- **AC Charging:** If there are several cloudy or rainy days, or for faster initial charging, use a compatible AC adapter to charge the device. Locate the charging port, typically protected by a rubber cover, and connect the adapter.



Image: The Sonic Barrier AllGuardX unit highlighting its solar panel for daytime charging and a port for AC adapter charging, useful during prolonged cloudy weather.



Image: Comparison of solar charging during the day and AC adapter charging, indicating the device's dual power options.

### Placement and Installation

The device can be installed by planting it into the ground or mounting it on a wall, fence, or post. Consider the detection range and the types of animals you wish to deter when choosing a location.

- **Ground Installation:** Attach the included stake to the bottom of the repellant unit. Push the stake firmly into the ground in the desired area. Ensure the top of the unit, including the solar panel and sensors, is clear of obstructions.
- **Wall/Fence Mounting:** Use appropriate screws and anchors (not included) to secure the unit to a vertical surface. Ensure it is mounted at a height suitable for detecting the target animals.
- **Optimal Placement:** Position the device to cover the area you want to protect. The infrared sensor has a detection angle of approximately 110 degrees and a range of up to 8 meters.

# EXTENSIVE USE SCENARIOS



Image: Examples of extensive use scenarios for the repellent, including parks, orchards, gardens, and vegetable gardens, demonstrating versatile placement options.



Image: Illustration of the device's detection capabilities, showing an 8-meter range and a 110-degree detection angle, effective against various animals like foxes, cats, squirrels, wild boars, raccoons, and dogs.

## OPERATING INSTRUCTIONS

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The Sonic Barrier AllGuardX operates using infrared sensing technology, emitting sound waves, alarm sounds, and flashing lights when motion is detected.

### Understanding the Controls

The device features a dial for selecting operating modes based on the target animal and a sensitivity adjustment.

# 6 Adjustable Operating Modes



**Mode 1:** 18KHz, Small animals (mice, gophers, moles)

**Mode 4:** 13-19KHz, Small animals (mice, gophers, moles)



**Mode 2:** 25kHz, Medium- sized animals (cats, dogs, foxes, raccoons)

**Mode 5:** 19-23kHz, Medium- sized animals (cats, dogs, foxes, raccoons)



**Mode 3:** 45KHz, Large animals and birds(wild boars, deer,bats)

**Mode 6:** 23-45KHz, Large animals and birds (wild boars, deer,bats)



Image: Close-up of the control dial, illustrating the 6 adjustable operating modes and their corresponding ultrasonic frequency ranges and target animals.

## Selecting an Operating Mode

Turn the dial to select one of the 6 available modes. Each mode is designed to deter specific types of animals by emitting different ultrasonic frequencies and/or combining them with alarm sounds and flashing lights.

### Operating Modes and Target Animals

Mode	Frequency Range	Target Animals	Description
Mode 1	18 KHz	Small animals (mice, gophers, moles)	Emits a specific ultrasonic frequency for small rodents.
Mode 2	25 KHz	Medium-sized animals (cats, dogs, foxes, raccoons)	Emits a specific ultrasonic frequency for medium-sized animals.
Mode 3	45 KHz	Large animals and birds (wild boars, deer, bats)	Emits a specific ultrasonic frequency for larger animals and birds.

Mode	Frequency Range	Target Animals	Description
Mode 4	13-19 KHz	Small animals (mice, gophers, moles)	Sweeps through a range of frequencies targeting small rodents.
Mode 5	19-23 KHz	Medium-sized animals (cats, dogs, foxes, raccoons)	Sweeps through a range of frequencies targeting medium-sized animals.
Mode 6	23-45 KHz	Large animals and birds (wild boars, deer, bats)	Sweeps through a broad range of frequencies targeting larger animals and birds.

**Note:** The effectiveness of ultrasonic repellents can vary depending on the animal, environment, and other factors. It may take several days or weeks to see optimal results.

### How it Works

When an animal enters the detection zone of the infrared sensor, the device activates. Depending on the selected mode, it will emit high-frequency ultrasonic sounds, an audible alarm, and/or flash bright LED lights to startle and deter the animal.



Image: Diagram illustrating the operational principle of the solar-powered animal repellent, showing how it uses infrared

sensing, sound waves, alarm sounds, and flashing lights to deter various animals like dogs, rats, rabbits, snakes, cats, and wolves.



Image: The repellent shown operating effectively both during the day and at night, deterring nocturnal animals like raccoons, mice, and bats with its integrated lights and sounds.

## MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your Sonic Barrier AllGuardX repellent.

- **Cleaning:** Periodically wipe the solar panel and sensor lens with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures efficient charging.
- **Battery:** The internal rechargeable battery is designed for long-term use. If the device's performance significantly degrades, ensure it is receiving adequate sunlight or try charging it via AC adapter.
- **Weather Resistance:** The device is designed to be weather-resistant (frost, heat, rain). However, during extreme weather conditions (e.g., heavy storms, prolonged freezing temperatures), it is advisable to bring the unit indoors if possible to extend its lifespan. The plastic cover enhances its waterproof effectiveness.



Image: The device highlighting its durability and resistance to various weather conditions including frost, heat, and rain, with a note on the plastic cover enhancing its waterproof effectiveness.

## TROUBLESHOOTING

### Common Issues and Solutions

Problem	Possible Cause	Solution
Device not turning on or activating.	Low battery charge.	Ensure the solar panel is exposed to direct sunlight for several hours, or charge the device using an AC adapter.
Device not detecting animals.	Sensor obstructed or incorrect placement.	Clear any obstructions from the sensor lens. Adjust the device's height and angle to ensure the sensor covers the desired area. Check the detection range (up to 8 meters, 110 degrees).
Animals are not deterred.	Incorrect mode selected or animals are accustomed to the sound.	Try a different operating mode, especially those with sweeping frequencies (Modes 4, 5, 6). Animals may take time to be deterred; consistent exposure is key. Ensure the device is placed optimally.

Problem	Possible Cause	Solution
Audible sound is too loud or disturbing.	Some modes include audible alarms.	Select a mode that primarily uses ultrasonic frequencies (e.g., Modes 1, 2, 3) if audible sounds are a concern. Adjust placement further away from living areas.

## SPECIFICATIONS

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Feature	Detail
Brand	SWZEC
Model Number	CSB010
Product Dimensions (L x W x H)	11 x 6 x 15 centimeters
Power Source	Solar (rechargeable battery) / AC Adapter (optional)
Detection Angle	110 degrees
Detection Range	Up to 8 meters (26 feet)
Ultrasonic Frequency	Adjustable (13 KHz - 45 KHz across 6 modes)
Weather Resistance	Frost, Heat, Rain resistant
Country of Origin	China

## WARRANTY AND SUPPORT

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