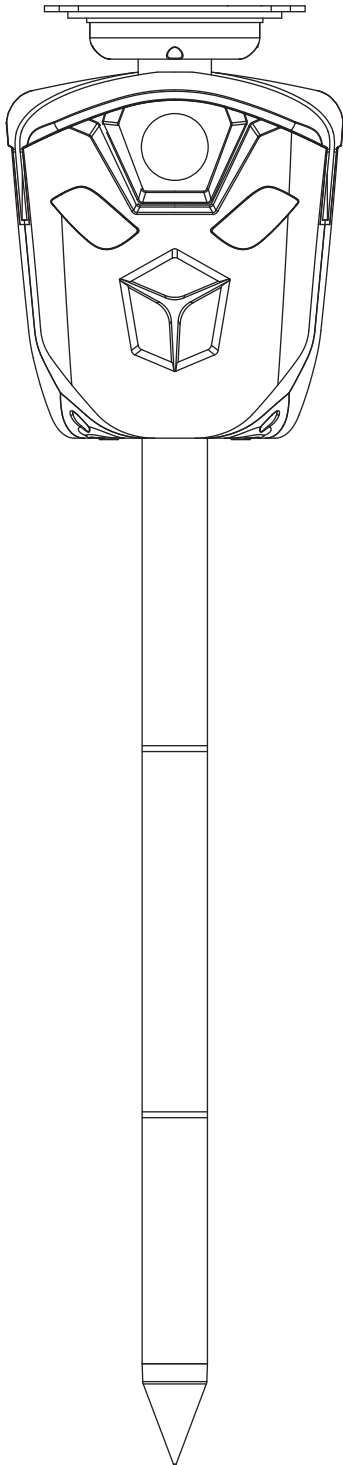
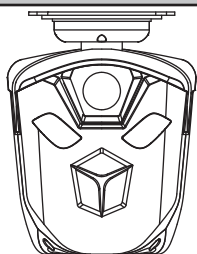
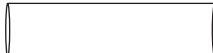







360° SOLAR ULTRASONIC ANIMAL REPELLER


XPT-0631


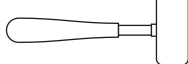
Review all information before using this product. Save this manual for future reference.



No.	PARTS	QTY.
A	 Repeller	1
B	 Tube	2
C	 Tube Connector	2
D	 Spike Tube	1
E	 USB Cable	1

 Inspect packaging to ensure all parts are accounted for before disposing of packing materials.
 Save the packing slip.

 **NOTE:**
 5V/1A USB wall power adapter not included

TOOLS REQUIRED (not included)	
	Wooden/Steel Spike
	Rubber Mallet



Do **NOT** place the solar panel in shaded areas



Clean the solar panel frequently



Do **NOT** charge the solar panel behind glass

HOW IT WORKS

The solar panel converts solar energy into electricity and stores it in the rechargeable battery. How long the unit operates depends upon the location of the unit, weather conditions, and how much direct sunlight the solar panel is exposed to. Ensure the unit is switched 'ON' when solar charging.

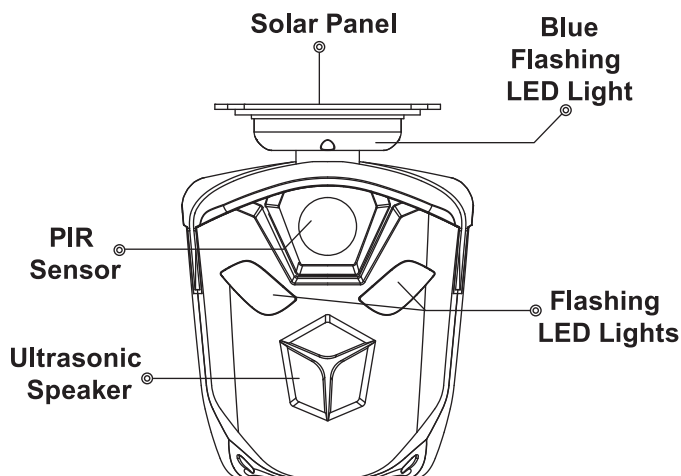
The product uses ultrasonic sounds and flashing lights to frighten unwanted animals.

CHOOSING A LOCATION

To rely on solar power charging, select an outdoor location where the solar panel will receive at least 6-8 hours of full, direct sunlight each day. Do your best to ensure the solar panel will not become shaded by trees, shrubs or buildings throughout the day. Shaded locations, as well as unfavorable weather conditions such as clouds or extended periods of inclement weather, reduce the charge of the battery and shortens operating time.

If using the device in a location that become shaded, the device will need to be charged via the USB charging port.

INTRODUCTION



HOW IT WORKS

This 3-sided repeller provides 360-degree protection against invading animals and birds. Each side is equipped with one PIR sensor, one ultrasonic speaker and two flashing LED lights. Each side senses motion independently.

When the PIR sensor is triggered, the LED lights flash and the speaker emits a 20-60kHz ultrasonic sound.

Two working modes can be chosen to repel different animals effectively.

The device will go into standby mode after motion is no longer detected to preserve battery life.

Power Supply	Solar or USB
Solar Panel	5V, 120mA
Input Voltage/Current	DC 5V/1A
Battery	3.7V 2200mAh 18650
Working Voltage/Current	3.7V/40-60mA
Ultrasound Frequency	20-60kHz
Decibel Value	90-120dB
Sensor Range	13-32 ft (4-10m)
Waterproof Rating	IP44
Operating Temperature	32°F to 113°F (0°C to 45°C)

ABOUT THE BATTERY

The battery, like all rechargeable batteries, has a limited life span and becomes less efficient with repeated charge/discharge cycles. As the capacity of the battery reduces, the hours of operation will lessen. The battery is not replaceable.

TIPS

When the device is being charged by USB or solar power, an indicator light will flash. When the unit is fully charged, the indicator light will stop flashing.

For optimal performance, ensure the unit is fully charged before its first use.

Ultrasonic products do not provide instant results. It takes time for the full deterrent effect to be achieved. To help prevent animals from adapting to the ultrasonic environment, adjust frequency mode every few days.

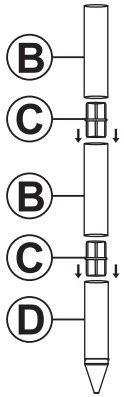
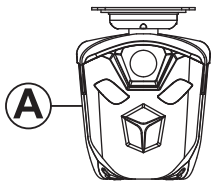
Do not install the device in high-traffic locations such as areas where children and pets play.

WARNING:

Manufacturer and seller expressly disclaim any and all liability from personal injury, property damage or loss, whether direct or indirect, or incidental, resulting from the incorrect attachment, improper use, inadequate maintenance, or neglect of this product.

ASSEMBLY

1. Connect two Tubes (B) and one Spike Tube (D) using two Tube Connectors (C), as shown.
2. After the assembled tube is installed into the ground, place Repeller (A) on the top of the tube.



INSTALLATION

The product can be installed in the ground with the tube or placed on a flat surface.

Before installation, it is important to ensure the battery is fully charged. Charge the product via solar for 12 hours or via USB for 6 hours prior to use.

IMPORTANT: Do not press on the top of the unit during installation as doing so may permanently damage the solar panel and/or internal components. Always remove unit from the ground when mowing grass.

1. Push the spike into the ground. The mounting stake should be far enough into the ground so it cannot be easily knocked over or tip over.
2. For optimum results keep the head of the repeller 8 inches (20cm) above the ground.

WORKING PRINCIPLE

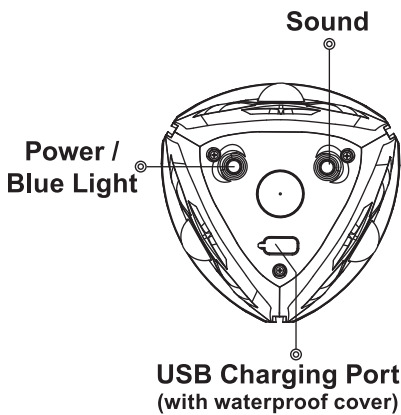
To turn the unit on, hold the power/blue light button for 2s, an alarm will sound to indicate the device is switched ON.

The PIR motion detectors, alarm sound, and blue flashing LED lights are on by default.

The repeller will activate when the PIR motion sensor detects movement. Otherwise, the unit remains in standby mode.

The repeller will start to work automatically by flashing LED lights, emitting ultrasonic sound (20-60kHz frequency) and an alarm sound (5s). (The alarm sound can be turned off as required).

Note, the repeller does not operate while charging via USB.



HOW TO TURN OFF THE BLUE LIGHT

Short-press the power/blue light button once to turn the blue light off. Short-press the button again to turn the light back on.

Note, when the blue light function is turned on:

- The blue light is ALWAYS off during the daytime.
- The blue light will ONLY flash in the evening or at nighttime when the light detecting sensors no longer sense sunlight or too much ambient light.

HOW TO TURN OFF THE ALARM SOUND

Press the sound button once to turn the alarm sound off in the next cycle (green indicator light is off). Press the sound button again to turn it back on (green indicator light is on).

MODES

Ultrasonic+LED Lights+Alarm Sound – This mode will deter all animals and birds (green indicator light is on).

Ultrasonic+LED Lights – This mode will deter mainly animals but birds can also be deterred by the bright, flashing LED lights (green indicator light off).

CARE & MAINTENANCE

CLEANING: Regularly clean the solar panel using a damp, lint-free cloth. Dry any water spots.

EXPOSURE: Over time, sunlight and weather elements will degrade and change the color of this product. Manufacturer is not liable for damage caused by exposure to weather elements.

WINTER CARE & STORAGE: Fully charge the battery and turn the unit 'OFF' before storing. Store in a warm, dry, indoor location. Do not allow the unit to freeze.

IMPORTANT INFORMATION

- For outdoor use only.
- Do not disassemble, repair or alter this unit in any way. No user serviceable parts.
- Do not drop, as doing so can permanently damage internal components.
- Clean solar panels absorb more sunlight. Keep the solar panel clean by gently wiping it with a soft, damp cloth.
- Never use chemicals or abrasive materials to clean the unit.
- Store in a dry, warm, indoor location during freezing temperatures.
- Do not allow the unit to freeze. Freezing temperatures will damage the internal components.
- Turn the unit off before storing it.



This product contains electrical components and a rechargeable battery. When the unit can no longer be used, all components should be recycled in accordance with local laws and regulations. Do not dispose of this product with other household waste.

Any modification to the product or failure to follow recommended care will void the product warranty.

If you experience issues with operation or the product was damaged during shipping, please contact our customer service team through one of the methods mentioned at the top of page 1. Please have the item number and order information ready to expedite response time.

WARNING:

Manufacturer and seller expressly disclaim any and all liability from personal injury, property damage or loss, whether direct or indirect, or incidental, resulting from the incorrect attachment, improper use, inadequate maintenance, or neglect of this product.