

## Operation Manual

# Tool Solutions® Solar Powered Rodent Repeller™

TSSRR1224

It is important that the operation manual is thoroughly read before use to ensure the product operates properly.

Using state-of-the-art technology, the Solar Powered Rodent Repeller chases away gophers, moles, shrews, voles, and many other burrowing rodents by generating a sonic pulse that penetrates the soil. Powered by the strongest and least expensive power available...the sun.

This device is environmentally friendly as it eliminates the necessity for deadly poisons and dangerous traps, keeping your family safe. No need to worry about unfavorable weather since one full charge will last up to 4 days of power. The solar panel is protected in a waterproof ABS plastic housing with an ingenious mow-over design.

The Solar Powered Rodent Repeller produces a sonic pulse of approximately 400Hz every 30 seconds and provides up to 7,500 square feet of coverage. Hiding will prove ineffective as the irritating noise will drive the pests away to quieter surroundings while your pets remain unaffected.

## **WARNING**

**DO NOT** use indoors. Outdoors use only.

**DO NOT** leave the unit outdoors in extreme weather conditions. Extremely low temperatures can damage the unit.

**DO NOT** hammer the unit when installing it. Damage may occur.

**DO NOT** install the unit where it will cause a tripping hazard. Injury may occur.

**DO NOT** install the unit in a flood area or where water collects. Damage to the unit may occur.

**DO NOT** use if the housing becomes damaged or cracked, or if the sealant becomes loose. Stop use immediately!

### How to install:

- Press the ON/OFF button to turn on.
- Insert the unit into the ground at least 8" deep. You can fully insert the unit so that the base of the housing is against the ground. Do not hammer the unit. You may need to dig a hole first in hard-packed earth.
- Do not install the unit where it can be a tripping hazard. Consider marking the units with a post or flag if they are installed in a pedestrian area.
- Install the unit in the center of pest activity. It operates in a circular pattern, in an area of approx. 7500 sq. ft. (1/6 Acre) and 96 ft. in diameter (depending on the condition of the soil). This must be an unobstructed 96 ft. Minor obstructions like lamp posts are acceptable. The signal will be blocked by large obstructions such as foundations.
- Install the unit where it will receive maximum sunlight. Do not install the unit where it will be shaded by buildings, trees, or plants. If the unit is shaded it will not perform properly.
- The battery will store energy generated by the solar panel when it is exposed to the sun. The battery will power the unit during the night and during cloudy days.
- Remove the unit from the soil if the ground freezes or when flooding occurs.

### What to Expect:

- It may take a week or two to have full effect on unwanted pests. You may notice increased pest activity during first use.
- When turning it on, you may hear intermittent buzzing, and feel a vibration - this is the normal operation of the unit.

### Replacing the Battery:

The LFP 14430 3.2V 250mAh rechargeable battery will provide hundreds of charging cycles and years of service. In the unlikely event the battery needs replacing, please see the following:

- Grasp the unit firmly to unscrew the top in a counter-clockwise motion.
- Once the top is off, make sure the device is turned off, and use a small Phillips head screwdriver to unscrew the solar panel from the unit.
- Tip the unit down and with a small shake, GENTLY remove the solar panel and insert the battery in the battery holder.
- Line up the screw holes with their respective holder and replace the solar panel using the screwdriver to tighten the screws.
- Replace the top and turn it clockwise until firmly tightened. Do not over tighten. Turn on device.

### Specifications:

Model:	TSSRR1224
Solar Panel:	4.3V 20mAh
Battery Type:	LFP 14430 3.2V 250mAh Rechargeable Battery
Frequency:	400 Hz ± 100
Duty cycle:	≈ 30 sec.
Weight:	3.1 oz.
Dimensions:	1 1/3" x 2 1/2"

