



By appointment to
Her Majesty the Queen
Manufacturers of Fertilisers
and Insecticides
Vitax Limited



STAY OFF

Dual Action Animal Deterrent

USE AND MAINTENANCE:

Please read this manual carefully. Keep these instructions for future use.

OPERATION

Vitax Stay Off Solar Powered Animal Deterrent is a dual action animal deterrent that detects animal movement by emitting a powerful ultrasonic signal and a bright flashing light.

Strong ultrasonic signals frighten animals. The sound is activated when an animal enters the range of the built in detector. The animals avoid the area because of the unpleasant ultrasonic sound. Animals will not get used to the sound because of the intermittent nature of the signal.

Secondly a strong flashing light is used to bolster the Ultrasonic signal and scare the animals. This is activated when an animal enters the range of the detector, scaring the animals from the area.

WHERE TO PLACE THE DEVICE

1. Ultrasonic waves travel in straight lines so install this device to face the direction from which the animals enter.
2. Choose a place where the solar panel at the top will receive as much sunshine as possible, and avoid obstacles that will block the sunlight. Wipe the solar panel clean regularly to ensure the high efficiency of photoelectric cells.
3. Fix the spike/stake onto the unit and plant the unit into the ground in the most favourable position described above. The spike may be stiff and a little hard to connect initially, but after a few uses, it will become easy to install. Do not use external force to hammer the top of product. Choose a suitable location to ensure water won't splash into the USB interface (see picture) in bad weather conditions, and damage the product.
4. Alternatively, you can hang up the device using the aperture on the back of the unit.

SETTINGS

- Button "SENS" (Left): adjusts sensitivity and distance. By turning the knob clockwise, you increase the range of protection. To repel small animals, turn the knob up to the right.

- Button "FREQ" (Right): adjusts frequency. By turning the knob clockwise, you increase the frequency.

Button "FREQ" Position:

- 0: OFF

- 1: (13.5KHz-17.5 kHz) to repel mice and small rodents.

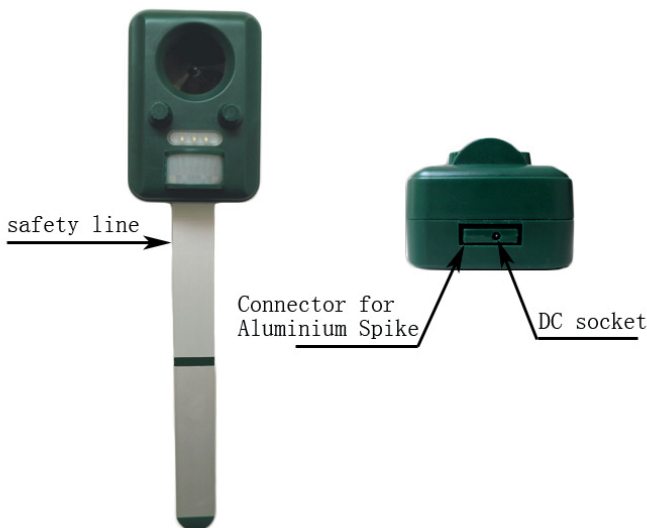
- 2: (15.5KHz -19,5 KHz) to repel large dogs, foxes.

- 3: (19.5 KHz -23.5KHz) to repel small dogs, cats, birds

- 4: Strong flashing signal

- 5: All functions working. Frequency sweeps from mode 1 -- mode 2 -- mode 3 and turns on the strong flashing light. For maximum initial impact use setting 5 as it will cover all the functions of the device. Use other settings when initial control has been achieved to reduce power usage and extend battery life.

Important: When changing a setting, always start from OFF position and then go directly to the function you need. If you want to change the setting, always restart from Off position (for example, if you go from 5 to 3 directly, the frequency will be different from that emitted when selecting position 3 correctly).



Battery protection

1. When using the product for the first time, please use up the power of battery (included in the device or bought by yourself). When the power runs down the red light will flash to indicate a low voltage. Connect the device to a USB output interface (computer, cell phone charger, MP3, etc) via the USB line supplied with the device. After fully charging, the red indicator will stay on. Re-charge the unit as necessary.

Due to variations in transportation, warehousing, and distribution times, when it is used initially, the rechargeable battery power will soon be used up and require a full re-charge. This is normal and the performance of the battery will improve after recharging 2 or 3 times.

2. If a new rechargeable battery or the battery in the product has been stored for a long time (more than one month), it is normal for it to require recharging after a short period of use. The battery needs re-charging 3-5 times to achieve maximum performance. If the batteries which have been used for a long time require frequent re-charging, replace the batteries.

3. If the battery cannot be used for a long period, remove the 3 1.2V AA rechargeable batteries (Ni-Cad or Ni-MH) from the battery compartment. The better the quality and the bigger the capacity of the batteries, the better will be the performance of the product.

4. Please dispose of batteries according to the local laws and regulations. Do not dispose as household waste.

TECHNICAL DATA

Power supply: 3 rechargeable batteries (recharged by solar panel or USB line)

Infrared sensor angle: 110 degrees

Detection range: 8 to 9 metres depending on animal size (for largest animal, increase the range).

ADDITIONAL INFORMATION:

The ultrasonic signal is designed to be powerful to scare pests efficiently. It is possible that young people and children may hear part of its range. Position the device away from areas used by children and young people to avoid disturbance. Do not install this device in children's play areas.

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