



ELECTRONIC REPELLER WITH ULTRASONIC WAVES AND LED FLASH

Altadex S.A. wants to thank you very much for your purchase and recommends reading these instructions carefully to avoid errors or incorrect use of the product.

TECHNICAL DATA

- Action area: 65 m²
- Power supply: solar energy battery, or long-lasting Ni-Mh or Ni-Cd battery recharged with solar energy
- Ultrasound frequency: 413,5 - 23,5 KHz
- Waterproof protection: IP44

HOW IT WORKS

This product is an electronic device that repels several kinds of animals and it works in two ways: with variable ultrasonic waves (you can select the frequency depending the animal you need to repel) and led flash; these two effects are able to send several kind of animals away from the area where the device is installed. The animals on which the device has effect are for example: dogs and cats. The device is activated by a movement sensor that works up to 8 meters distance and covers around 100 square meters area (the sensor sensibility is 90° vertical angle and 110° horizontal angle). The frequency selector allow you to select different frequency intervals depending the animal target and the led flash, separately and together the ultrasonic waves. There is even the special function that allow all frequencies and led flash work together to get the best effect on several kinds of animals. The ultrasonic frequencies have a range from 13500 Hz up to 23500 Hz (see details of frequencies intervals below) and led flash works with short intervals. The device can be fixed in the ground by the special aluminum pole included and it can be fixed on a wall or a pole by the special hang hole on the rear side of the device. The device works by rechargeable batteries (3 x 1,2 V model LR20) included. The batteries are charged by the solar panel on the top of the device. In the box a special USB cable is included to charge the batteries before the first use. The power adapter is not included but you can use an universal power adapter or an USB port of a computer to charge the batteries (important: it could be necessary to charge the batteries during winter periods or long rainy or cloudy periods when the solar light is not enough to charge the batteries). When the power charge level of batteries is low a special led light is on. The charge of batteries is affected even by the times when the device works. The movement sensor activate the device any time there is something that is moving in the covered area. The device is harmful from human beings and animals. The ultrasonic waves can be heard sometimes even by humans beings. The device is certificated IP44 and that means the it can be used both in inside and outside areas. It is necessary the device is places in areas where it can be exposed to sun light to charge the batteries. If not you have to charge batteries regularly, depending how many times the device works; for this reason it is necessary you check the batteries charge status regularly.

WARNINGS

The device should not be used by people (children included) with impaired physical, sensory or mental abilities, or lacking experience and knowledge, unless they are supervised or, through the assistance of a person responsible for their safety, provided with instructions on how to use the device. Children must be supervised to make sure they do not play with the device. Do not use the device for purposes other than the intended ones. Keep out of the reach of children. Do not open or modify the device. This animal repeller is an electronic device, consequently it should be used with the due precautions. Do not open or disassemble the device. Do not handle the device while it is plugged in and turned on. Before moving or handling it, unplug it from the outlet and remove the connector from the slot.

DIRECTIONS OF USE

Insert the batteries inside the device, opening the rear dock of the device using a proper screw (not provided); respect carefully the polarity of the batteries. Close carefully the device. Charge the batteries using the USB cable; use an universal USB charger (not provided) or use an USB port of a computer. After charged, you can place the device in the area affected by the animals you need to repel. If you place the device in the ground, keep the aluminum pole at least 10 cm out of the ground level to avoid any heavy rain can submerge the device and the grass can disturb the movement sensor. If possible place the device in a sunny area to charge batteries in the proper way. Important: between the device and the area you want to protect there must not be any solid object (i.e. wall, trees, plants, fences etc) because the movement sensor cannot works properly.

Regulations and frequencies

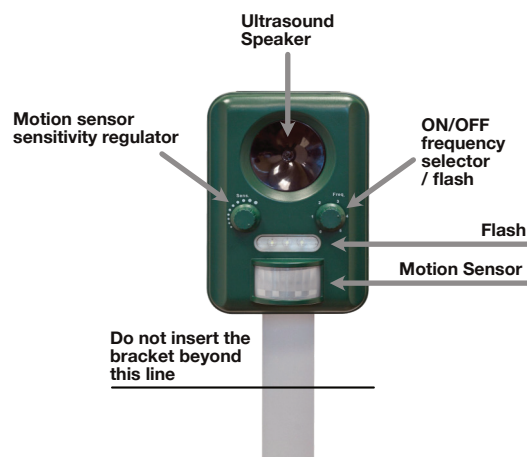
Position 1 - FREQ. var. 13,5 kHz - 17,5 kHz for small animals like dormouses and other rodents.

Position 2 - FREQ. var. 15,5 kHz - 19,5 kHz for dogs, foxes, and big animals.

Position 3 - FREQ. var. 19,5 kHz - 23,5 kHz for cats, birds and small animals.

Position 4 - Only Flash.

Position 5 - All frequencies together + flash.



HANDLING OF ELECTRICAL AND ELECTRONIC EQUIPMENT WASTE

At the end of its lifecycle, the product must be disposed of in accordance with regulations in force on the subject of differentiated disposal, and cannot be disposed of as regular urban waste. The product must be taken to a special collection center or returned to the dealer in case it needs to be replaced with a new device of identical characteristics. The manufacturer will take care of costs incurred to dispose of the product in accordance with the provisions of the law. The product consists of non-biodegradable parts and substances that can pollute the surrounding environment if not properly disposed of. In addition, these materials can be recycled in order to avoid any environmental pollution. It is our duty, as well as yours, to contribute to safeguarding the health of the environment. The symbol on the device indicates that the product meets the requirements of new environmental protection regulations (2002/96/EC, 2003/108/EC, 2002/95/EC), and that it must be disposed of properly at the end of its lifecycle. If necessary, request information from local authorities with regards to areas set aside for waste disposal. Whoever does not dispose of the device according to the instructions provided in this paragraph shall be liable pursuant to the laws in force.

IP44 This symbol warns the reader that the device has passed the tests for protection class IP44 — Protection against the penetration of solid bodies larger than 1 mm — Protection against the penetration of liquids from drops, vapour or sprays in any direction — Penetration of solid bodies smaller than 1mm and liquids should not cause any damage to the device.

CE RoHS IP44

