

## Company Profile

Magnor Electronic Pest Control Ltd. is Israel's leading manufacturer, supplier and installer of pest control systems. We specialize in urban pest control solutions, such as bats mice and pigeons that are both humane and effective.

Operating since 2001, Magnor Electronic Pest Control Ltd. has led the way with innovative ideas, technologies and designs with the intention of changing the perspective on pest control by introducing a new approach, and offering new green methods of pest control products, which are harmless and scaring the pests away.

Magnor Electronic Pest Control Ltd. is the first Israeli company to work in the field of electronic pest control. We cooperate with governmental and civil institutions such as: military industries, food industries, telecommunications, computer industries, electrical infrastructure and the private sector.

Magnor Electronic Pest Control Ltd. is not only a manufacturer of pest control systems, but also have extensive field experience in successfully installing pest control systems with great success from satisfied customers.

Our web site provides a wealth of information regarding new technologies, designs & ideas to solve your pest problem humanly & effectively.



# RAT SHIELD - RS 1800

Our products have been successfully installed in military and civil facilities for a number of years. These include:



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## Rat Shield - RS 1800

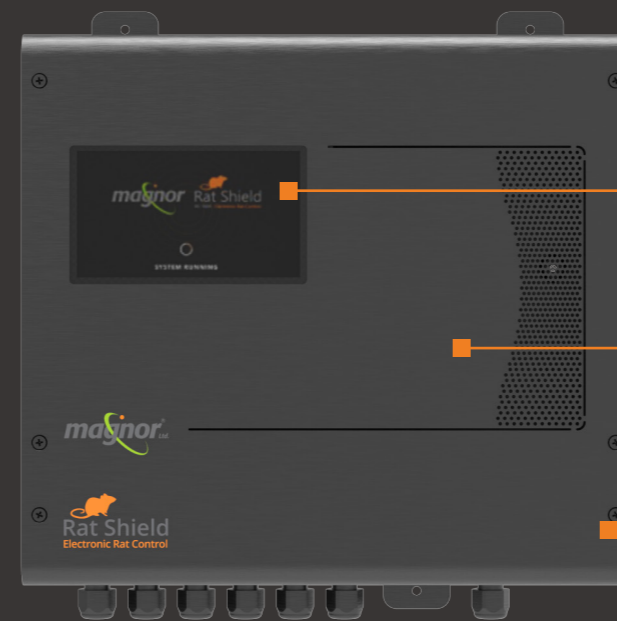
Rat Shield RS 1800 is a revolutionary electronic rodent control system that prevents damage caused by rats and other rodents, especially designed to work in data center areas, electrical and telecommunication centers or other areas with a large volume of wiring.

The RS 1800 system is one of the only systems in the world that offers complete protection against the damage caused by rodents giving complete protection within the designated area.



## Switchboard RS1800 Rat Control - Technological advantages:

- Capable of driving up to 180 ultrasonic speakers.
- Equipped with touch screen for user friendly activation.
- Error indication output for structure control system.
- Test mode for all speakers from the main panel.
- Easy installation, plug n play.
- Suitable for any sites.
- Reliable and cost effective.
- Exclusively manufactured by Magnor Pest Control Ltd in Israel.
- 100% rodent free area.



Equipped with touch screen for user friendly activation

Designed to be installed in data centers and telecommunication centers

Six zone output

## How does it work?

The RS 1800 broadcasts high frequency sound pulses and in specific patterns.

Rat Shield is made up of a main control system and a ultrasonic speakers . The main control system transmits information to the ultrasonic speakers via the secondary (local) control unit and receives back evidence of any fault whether local or regional, in the ultrasonic speakers or in the cable system.

The system transmits sounds that effect the rodent's nervous system and causes them intense feelings of anxiety, fear and imminent danger, this at the high frequency of 21-35 kHz beyond the range of human hearing, ultrasound

The constantly transmitted "unfinished symphony" causes the rodents to experience anxiety and fear in those areas where the sound is heard by them. The rodent's first instinct is to urinate, (with animals, urine serves as a type of communication) this has a strong smell of fear and anxiety, this odor in turn deters other rodents therefore establishing symbiosis. The rodents memories the connection between the high frequency sound and the odor of the urine which communicates fear. In this way the system is constantly providing a defense barrier against the rodents by keeping them away from the protected area and returning them to nature.

## RS1800 Ultrasonic Speakers - Technological advantages:

- Perfect design and small footprint.
- Each speaker can send an error alert to the switchboard.
- Easy to install and mount flat on the wall or with an adjustable bracket.
- Wide broadcast cover.
- Each speaker includes proprietary technology to help produce high quality sound despite its small size.

Each speaker offers a wide broadcast angle of 180° sound output

Equipped with two high quality ultrasonic speakers

Equipped with LED indicator in the front speaker panel

