

Clients

Our products have solved the rat problem in various industries. The following are the few well known organizations that use our Ultrasonic Rodent Repellent System.

Software Companies

IBM, Chennai
Yahoo, Bangalore
xChanging, Bangalore
NDS, Cisco, Bangalore
Dreamart Interactive Pvt. Ltd., Bangalore
Genpact India Unitech, Haryana
CIBER Sites India Pvt Ltd, Bangalore
xChanging Technology Services India (P) LTD, Bangalore
HCL Technologies Ltd, Bangalore
Vodafone Essar East Limited, Kolkatta
Soni India Pvt Ltd, Mangalore
New Global India Pvt Ltd, Chennai
24/7 Customer Pvt Ltd, Bangalore
Symbios Soft Tech Pvt Ltd, Bangalore
India Infoline, Bangalore
Acheiva Technologies, Assam

Banking & Finance

Reserve Bank of India, Patna
Deutsche Bank, Bangalore
State Bank of Hyderabad, Bangalore

Infrastructure Developers & Interior Decorators

Larsen & Toubro Ltd., Nagpur
CA DataCard Industries, Chennai
Brawn Globus Turnkey Solutions, Gurgoan
Dreamz Infra Pvt Ltd, Bangalore
Sugan Mega Power Project, Gujarat
Shree Nakoda Ispat Limited, Chattisgarh
Menzies Aviation Bobba, Bangalore

Food & Hospitality

MORE' Super Market, Maharashtra
M/s Indo Nissin Foods Limited, Bangalore
M/s Farm Feast Foods, Mysore

Security Agencies

Secure Access Solutions, Chennai
Swathy Smart Cards Hi Tech Pvt Ltd., Salem

Government Offices

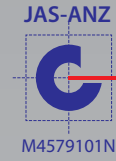
The Consulate General Of France (EMBASSY), Bangalore
Commanding Officer INAS 333, Vizag
Commando Hospital Air Force, Bangalore
Commanding Officer AMLA, MP
Central Research Lab, Lucknow
University of Pune

Drugs, Medical Equipment & Pharmaceuticals

Himalaya Drug Company, Bangalore
Dr.Reddy's Laboratories Ltd., Hyderabad
Pharma Lab India Pvt. Ltd.
Bluefish Pharmaceuticals, Bangalore
Cipla Ltd., Bangalore
Auctus Pharma Ltd.,
Electro Medical Systems, Bangalore
Pam-Glatt Pharma Tech Pvt Ltd., Satara
Shalina Laboratories P Ltd, Mumbai
M/s Trinity Hospital & Heart Foundation, Bangalore

Manufacturing Industries

Hyundai Motor India Ltd, Chennai
Hemavathy Power and Light Pvt. Ltd., Karnataka
Bramhani Industries Limited, Kadappa
Exide Industries, Hosur
Marthrubhumi Printing, Kerala
NTPC, Mouda, Nagpur
Jacobs Engineering India Pvt Ltd, Ahmedabad
Sugan Mega Power Project, Gujarat
Shree Nakoda Ispat Limited, Chattisgarh
SM Engineering Services, Bangalore
Hitech Engineers & Consultants P Ltd., Hyderabad
Airworks India Engg Pvt Ltd., Bangalore
Torrent Energy Ltd (TEL), Gujarat
Uttam Galva Metallics Limited, Bhugaon
Hemavathy Power & Light Pvt Ltd., Karnataka
Bill Forge Private Limited., Bangalore
Sai Spurthi Power Pvt Ltd., Karnataka
Eastman Exports, Tirupur



An ISO 9001:2008 Certified Company



SURAKSHA

ULTRASONIC RAT REPELLENT SYSTEM

Models :

VARNA SURAKSHA LXi 12
VARNA SURAKSHA ZX 20



Varna Enterprises

An ISO 9001:2008 Certified Company

No.82, 2nd Floor, Church Compound,
Veerannapalya, Arabic College Post,
Bangalore 560045, Karnataka, INDIA
www.varnacrafts.com
+91-80-49536872
+91-80-49536873



Varna Suraksha LXi 12 and ZX 20 models



An Innovative Technology Varna Ultrasonic (Electronic) Rodent Repellent System

- Protects IT infrastructure, server rooms, and cables against rats
- Protects food and consumable products against rat contamination
- Safeguards human health against spread of rat borne diseases
- Protects commercial buildings from structural damages due to rats
- Our ultrasonic products are safe for humans, kids and pets.

Varna Suraksha Rodent Repellers - LXi12 and ZX 20 Master Consoles are high frequency signal generators. These signals are fed to the transducers which in turn convert them into high frequency ultrasonic sound waves (well above the 20 KHz frequency which is the upper limit of the hearing range of humans). The transducers emit intensive sound waves at high decibels (sound pressure) that are audible and painful to rodents but are inaudible (complete silence to humans) and harmless to humans. The rodents usually leave the area being protected by the ultrasound waves immediately and at other times it may take as long as 4 to 6 weeks before there is significant reduction in rodent infestation.

The System Consists of

Varna Suraksha LXi12: 1 Master Console + 12 Transducers + Connecting Cable

Varna Suraksha ZX 20: 1 Master Console + 20 Transducers + Connecting Cable

The Master Controller to be installed in the electrical room or UPS room and transducers to be fixed in the rat problematic area. The Master console and transducers should be connected using cables. Stands and Brackets will be provided to install and fix the Main Master Console.

Master Console

An electronic System equipped with 3-pin power cord to be connected to 5 Amp electrical plug point and SWITCHED ON round the clock. The Master console should be installed in safe room and fixed to the stand and brackets provided.



Technical Features

Configuration	LXi 12 Model – 1 Master Console Driving 12 Transducers ZX 20 Model – 1 Master Console Driving 20 Transducers
Operating Frequency	Above 20 KHz (Continuously Variable)
Sound Output (Sound Pressure)	80 dB to 110dB
Power output	800 mW per Transducer
Power Consumption	LXi 12 Model - 15W approximately ZX 20 Model – 20W approximately
Power Supply	230 V AC 50 Hz
Master Console Dimension	39.5 X 20.3 X 9.5 (in cm)
Weight	5.5 Kg Approx.
Mounting Master Console	Wall or Table Mounting

Transducers

Each Transducer can protect upto 300 Sq Ft. in a normal floor, 150 Sq Ft. in false ceiling and false flooring against rats. If there are any obstructions, partitions, sound absorbing material within the room, the area covered will be considerably less, additional transducers has to be installed.

- Does not require power supply, they are connected to Master console
- Can be installed in sensitive areas also, since there are no electricity hazards
- Can withstand high and low temperature



Effects of Ultrasound Repeller on Rats

- The high sound pressure and multiple frequencies create painful effect on rat's ear drums and make them unbearable.
- Damages their nervous system if they try to resist, and become slow-moving.
- Creates adverse effect on their reproduction activities and helps to control their population.
- Their eating appetite totally gets affected with continuous irritation of ultrasonic waves.
- Finally, they leave the area after some initial resistance.

Final Result

Rats will move out of the ultrasonic protected area in search of new location where there is no ultrasonic sound. It may take 1 week to 4 weeks to see complete results. And also, other territory rats will not enter to your ultrasonic protected areas since they will find this place hostile.