



# LRAD<sup>®</sup> 1000X<sup>™</sup>

## LONG RANGE ACOUSTIC DEVICE<sup>®</sup>



### Long Range Focused Beam Acoustic Wildlife Deterrent Keeps Birds And Animals Out Of Critical Control Zones

#### What is it?

The 1000X is a powerful acoustic wildlife deterrent that uses a focused beam of sound to deliver distress calls, predator calls, alert tones and voice commands with pinpoint accuracy over long distances without loss of clarity or intensity. Originally designed for military applications, LRAD technology has been effective in long range wildlife dispersal and behavior modification.



Use LRAD to disperse pest birds and nuisance animals

#### How Does It Work?

1000X uses patented and proprietary technology to generate and focus sound waves into an acoustic beam that can be aimed at distant targets. Using the appropriate distress calls, predator calls or alert tones, the 1000X consistently deters pest birds and nuisance animals up to 1-3/4 miles from the operator



1000X operational accessories available.

See back page for more information or contact Nixalite

#### LRAD Applications

Use 1000X to keep birds and animals away from these critical areas

- Airports, Airport Facilities
- Wind Farms, Wind Turbines
- Solar Farms, Solar Arrays
- Oil Fields, Tank Farms
- Nuclear Plants, Cooling Ponds
- Mining Facilities, Collection Ponds
- Vineyards, Agricultural Protection
- Landfills, Recycling Centers

Any facility that has wildlife preservation concerns and can benefit from LRAD's unique capabilities.

#### Why Use LRAD 1000X?

This is NOT a loudspeaker. It is advanced sound wave generation and focusing technology. It produces an acoustic beam that is clearly audible over 88 decibels (dB) of background noise at a distance of 3/4 of a mile. It provides a non-lethal and humane deterrent that is effective where other means would be costly, impractical or impossible.

#### Standard Equipment

- 1000X assembly w/connectors
- Remote MP3 player, download cable
- Hand held microphone from Shure
- DC power cable, 12ft long, 4x14 ga.
- Heavy duty tripod for 1000X
- Yoke assembly w/tilt and lock
- Laminated operation manual
- Soft cover for made for 1000X
- Hearing protection

#### LRAD X Advantage:

- Focused acoustic beam deters wildlife that are nearly 2 miles away
- Overcomes 88 dB of background noise at 3/4 of a mile
- Easy to use controls in rugged, weatherproof packaging
- 1000Xi weighs 75 lbs
- MP3 player for pre-recorded calls or alert tones
- Microphone for voice communications over long distances

**Hearing protection is REQUIRED when operating or working around an active LRAD Device**

See the back page for Performance and Technical specifications.  
For more information call 800.624.1189 or visit [www.nixalite.com](http://www.nixalite.com)



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Front



Back



## 1000X Product and Performance Data

### Acoustic Performance

Max. Continuous Output	153 dB SPL at 1 meter, A-weighted
Acoustic Beam Width	+/- 15° at 1.0kHz/- 3 dB
Frequency Range	128 to 153 dB within 7km
Communications Range	Highly intelligible speech at 1-3/4 miles. Max range of 3/4 mile with 88 dB background noise

### Environmental Performance

Operating Temperatures	60° C to -33° C
Storage Temperatures	70° C to -40° C
Built to operate in;	Driving rain, snow, fog, salt fog, sea spray, high and low humidity, shock and vibration resistant

### Mechanical

Dimensions	36"W x 40"H x 13"D (91 x 102 x 33 cm)
Weight	85 lbs (39.5 kg) without accessories
Construction	Molded low smoke composite, 6061 aluminum 316 stainless steel hardware

### Electrical Requirements

Power Consumption	Typical power consumption 720 watts (warning tone) Normal power consumption is 190 watts (voice content, audio out at max, voice boost off)
Power Input	100 to 240VAC

### Options & Accessories

Unit Color Options	White #LRAD-1000X-W-SYS Gray #LRAD-1000X-G-SYS
Maxabeam Light Kit	General LRAD Searchlight Kit #105575-00
Trailer Hitch Receiver Mount	Mobile Receiver Mounting #LRAD-MNT-REC-2
Tripod Mount	Tripod Mount # LRAD-TRIPD-1000X
Tripod Carrying Bag	Durable bag w/shoulder strap #LRAD-CARYBG-GREY
Ship Rail Mount	Ship/Vehicle Rail Mount Assembly #LRAD-MNT-SHIP-SS
Extended Warranty	PER YEAR # LRAD-X-EXT-WAR

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**If you have any questions on the LRAD Acoustic Deterrents, please contact  
Nixalite at 800.624.1189 or visit [www.nixalite.com](http://www.nixalite.com)**



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