



LRAD[®] 500X[™]

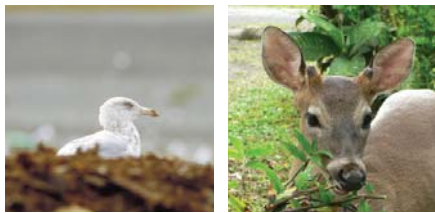
LONG RANGE ACOUSTIC DEVICE[®]



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

What is it?

The 500X 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 animals

How Does It Work?

500X 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 LRAD-500X consistently deters pest birds and nuisance animals up to 1-1/4 miles from the operator.



Operational accessories are available - see back page for details

LRAD Applications

Use 500X 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 500X?

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 1/2 mile. It provides a non-lethal and humane deterrent that is effective where other means would be costly, impractical or impossible.

What Comes With It...

- X500 assembly w/connectors
- Remote MP3 player, download cable
- Hand held microphone from Shure
- DC power cable, 12ft long, 4x14 ga.
- Heavy duty tripod for 500X
- Yoke assembly w/tilt and lock
- Laminated operation manual
- Soft cover for made for 500X
- Foam ear plugs

LRAD X Advantage:

- Focused acoustic beam deters wildlife that are over a mile away
- Overcomes 88 dB of background noise at 1/2 mile
- Easy to use controls in rugged, weatherproof packaging
- 500X weighs 44 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



Nixalite[®] of America Inc.
1025 16th Avenue East Moline, IL 61244
Experts In Architectural Bird Control Since 1950

Ph: 800.624.1189 or 309.755.8771
Fax: 800.624.1196 or 309.755.0077
Email: birdcontrol@nixalite.com
Website: www.nixalite.com

LRAD[®] 500X[™]

LONG RANGE ACOUSTIC DEVICE[®]

500X Product and Performance Data

Acoustic Performance

Max. Continuous Output	148 dB SPL at 1 meter, A-weighted
Acoustic Beam Width	+/- 15° at 1 kHz/- 3 dB
Frequency Range	121 to 148 dB within 5km
Communications Range	Highly intelligible speech at 1-1/4 miles. Max range of 1/2 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	25"W x 25"H x 12"D (63.5 x 63.5 x 30.5 cm)
Weight	44 lbs (20 kg) without accessories
Construction	Molded cross linked polyethylene, 6061 aluminum Stainless steel connectors available as an option

Electrical Requirements

Power Consumption	Typical power consumption 265 watts Normal power consumption is 60 watts Power Input 12 to 28VDC
-------------------	--

Options & Accessories

Unit Color Options	Gray #LRAD-500X-G-SYS Tan #LRAD-500X-T-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



Front



Back



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

If you have any questions on the LRAD Acoustic Deterrents, please contact Nixalite at 800.624.1189 or visit www.nixalite.com



Nixalite[®] of America Inc.
1025 16th Avenue East Moline, IL 61244
Experts In Architectural Bird Control Since 1950

Ph: 800.624.1189 or 309.755.8771
Fax: 800.624.1196 or 309.755.0077
Email: birdcontrol@nixalite.com
Website: www.nixalite.com