LRAD® 2000X
Extended Range Communication System

DIRECTIONALITY, POWER & RANGE
› Powerful, intelligible voice communications up to 5,500 meters
› Safely communicate beyond standoff distances to determine intent
› Variable beam width for extended coverage
› Clear, long-range, directional communication
› Creates instant acoustic standoff perimeter

FEATURES
› Rugged military tested construction
› Low power requirements
› All-weather use
› Scalable, lightweight & portable
› Simple to operate - Increased coverage with single operator
› Safer alternative to non-lethal deterrent measures

MARKETS SERVED
› Law Enforcement
› Defense
› Commercial Security
› Critical Infrastructure Security
› Maritime
› Homeland Security
› Port & Border Security
› Mass Communication
› Wildlife Preservation & Control

ORDERING INFORMATION
LRAD-2000X LRAD 2000X long range communications system with heavy duty tripod and remote amplifier

INCLUDED ACCESSORIES
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<th>Remote MP3 control module with 2 to 16GB onboard storage memory</th>
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COMMUNICATE OVER EXTENDED DISTANCES AND ESTABLISH LARGE STANDOFF ZONES

The superior voice intelligibility and clarity of the LRAD 2000X generates directional audio broadcasts far beyond normal standoff distances. Broadcasting attention-commanding warning and deterrent tones, and exceptionally clear voice messages, the LRAD 2000X enhances response capabilities and establishes substantial standoff zones.

The extended frequency range of the LRAD 2000X ensures voice communications are clearly heard and understood out to 5,500 meters – and beyond in certain environments.

AUSTRIC PERFORMANCE
- Maximum Peak Output: 168dB SPL @ 1 meter, C-weighted
- Maximum Continuous Output: 160db SPL @ 1 meter, A-weighted
- Sound Projection: +/- 15° @ 1kHz/-3dB
- Communication Ranges: Maximum range up to 5,500 meters in ideal conditions. Operational range up to 2000 meters over 88dB of background noise. Ranges based on continuous output.

ENVIRONMENTAL PERFORMANCE
- Hot Operating Temperature: MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C
- Cold Operating Temperature: MIL-STD-810G, Method 501.5, Procedure I, 70°C
- Operating Humidity: MIL-STD-810G, Method 507.5, Procedure II – Aggravated Cycle
- Rain: MIL-STD-810G, Method 506.5, Procedure I, Blowing rain
- Salt Fog: MIL-STD-810G, Method 509.5
- Shipboard Vibration: MIL-STD-167-1A
- Shipboard Shock: MIL-901D, Class I, Shock grade B
- Random Vibration: MIL-STD-810G, Method 514.6, Wheeled Vehicles

MECHANICAL
- Dimensions: 2x (25” W x 48” H x 10” D (64cm x 122cm x 25cm))
- Weight: 81 lbs. (37 kg) without accessories
- Electronics Housing: 22” W x 9” H x 15” D (56cm x 23cm x 38cm)

ELECTRICAL REQUIREMENTS
- Power Consumption: Typical high power warning tone: 1,440 Watts, Live or recorded voice messages: 380 Watts
- Power Input: 90-264VAC 50/60Hz

SAFETY
- MIL-STD-1474D

ELECTROMAGNETIC COMPATIBILITY (EMC)
- FCC Part 15 class A radiated emissions, CE

Genasys – A Critical Communications Company
Genasys Inc. is the global leader in Long Range Voice Broadcast systems and advanced Public Safety Notification and Emergency Warning solutions. The Company’s LRAD systems are in service in 72 countries and in more than 450 U.S. cities, counties, and states in diverse applications, including public safety mass notification, law enforcement defense, border and homeland security, critical infrastructure protection, fire rescue and emergency management, maritime and port security, and wildlife control and preservation.

For more information, please visit: genasys.com

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