

Dash Mount Control Module (MP3 Player)

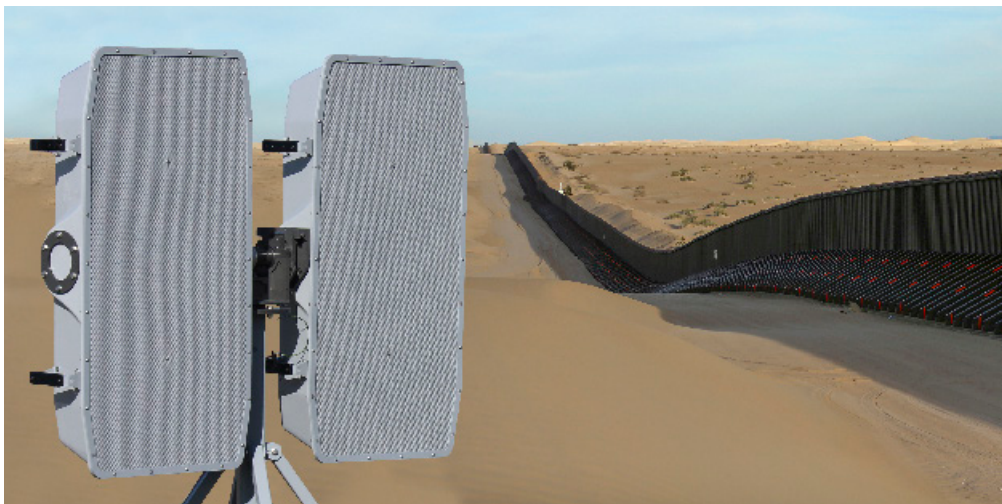


ORDERING INFORMATION

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

INCLUDED ACCESSORIES

Control Module	Remote MP3 control module with 2 to 16GB onboard storage memory
Record on the Fly Mic	Microphone with record and playback feature for immediate playback
USB Cable	USB cable for downloading files to the MP3 player
MP3 Auxiliary Cable	Allows connection to any audio device with a headphone jack
Normalizer Software	Audio Normalizer software for creating customized audio recordings on a PC
Tripod	Rugged aluminum tripod easily transports and quickly sets up for rapid deployment



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

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.

ACOUSTIC 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 PERFORMANCE¹



Hot Operating Temperature	MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C
Cold Operating Temperature	MIL-STD-810G, Method 502.5, Procedure II, Design type Basic Cold, -33°C
Hot Storage Temperature	MIL-STD-810G, Method 501.5, Procedure I, 70°C
Cold Storage Temperature	MIL-STD-810G, Method 502.5, Procedure I, -40°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-S-901D, Class I, Shock grade B
Random Vibration	MIL-STD-810G, Method 514.6, Wheeled Vehicles
SRS Shock	MIL-STD-810G, Method 516.6, Procedure I, (Functional shock)

¹TESTED BY NATIONAL TECHNICAL SYSTEMS (NTS) FOLLOWING MIL-STD-810G, MIL-STD-167-1A & MIL-S-901D.

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 REQUIREMENTS²

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

²TYPICAL POWER WITH WARNING TONE. NORMAL POWER CONSUMPTION WITH VOICE CONTENT, SOUND PROJECTION IS WIDE AND VOICE BOOST IS OFF.

SAFETY³

MIL-STD-1474D

³MIL-STD-1474D STANDARD ESTABLISHES ACOUSTICAL NOISE LIMITS AND PRESCRIBES TESTING REQUIREMENTS AND MEASUREMENT TECHNIQUES FOR DETERMINING CONFORMANCE TO THE NOISE LIMITS SPECIFIED THEREIN.

ELECTROMAGNETIC COMPATIBILITY (EMC)⁴

FCC Part 15 class A radiated emissions, CE



⁴REQUIREMENTS FOR THE CONTROL OF ELECTROMAGNETIC INTERFERENCE CHARACTERISTICS OF SUBSYSTEMS AND EQUIPMENT.



Genasys – The Critical Communications Company

Genasys is a global provider of critical communications systems and solutions to help keep people safe. Genasys systems are in service in 72 countries and in more than 450 U.S. cities in diverse applications, including public safety, emergency warning, mass notification, critical event management, defense, law enforcement, homeland security and many more.

For more information, visit genasys.com.