

LRAD 1000 MILITARY



STRONG, LOUD AND CLEAR WITH THE LRAD® 1000

Security measures that enhance force protection initiatives are of critical priority in today's increased threat environment. In any operational scenario, force protection tools must be easily accessible and deployable.

American Technology Corporation meets these requirements with a highly directional hailing, warning, and deterrent system, the Long Range Acoustic Device (LRAD). The LRAD 1000 uses its directionality and high acoustic output to clearly transmit critical information, instructions, and warnings well beyond 500 meters. The system can also transmit powerful deterrent tones (151 dB at one meter) to influence behavior or determine intent of a threat. The multi-lingual capability of the LRAD 1000 also guarantees voice commands will be understood in any part of the world.

Whether used for PYSOP personnel notification, TCPs/ACPs, interdiction operations, checkpoint operations, or detainee operations, this portable unit enhances force protection measures without exposing nearby personnel or peripheral bystanders to excessive audio levels. For long-range high intensity acoustics, low power consumption, high intelligibility, and superior operator safety; the LRAD 1000 is the premiere choice.

For a free demo and more information, please contact an ATC representative.

THE LRAD ADVANTAGE:

HIGH DIRECTIONALITY

- REDUCES THE RISK OF EXPOSING NEARBY PERSONNEL TO EXCESSIVE AUDIO LEVELS

HIGH DECIBEL OUTPUT

- CLEAR COMMUNICATION AND UNMISTAKABLE WARNING AT EXTENDED RANGES

COST EFFICIENT





- INCREASED SECURITY COVERAGE
- REDUCED MANPOWER
- INCREASED OPERATIONAL EFFICIENCY
- INCREASED RESPONSE CAPABILITIES

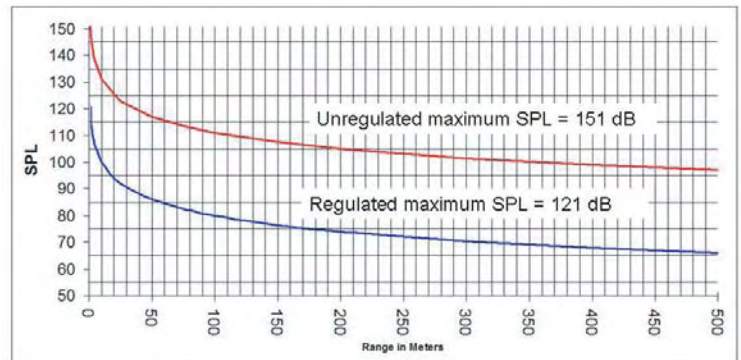
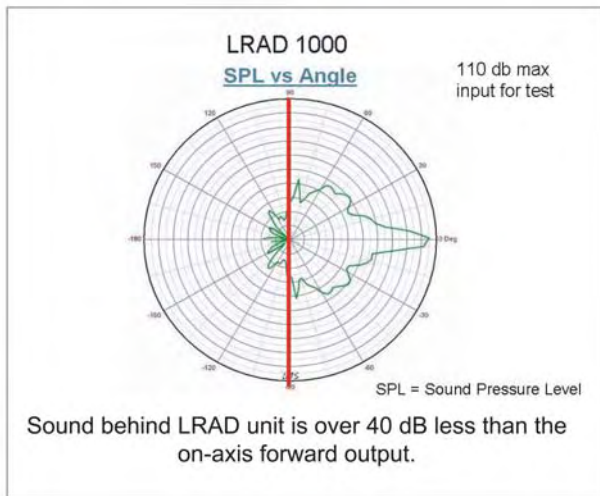
EASE OF INSTALLATION

- LOW POWER REQUIREMENTS
- WEATHERPROOF
- LIGHTWEIGHT
- FLEXIBLE MOUNTING

PROVEN TECHNOLOGY SOLUTION

- IN COMBAT SINCE DECEMBER 2003
- AT SEA SINCE MAY 2004
- MARITIME SECURITY SINCE AUGUST 2004
- PUBLIC SAFETY SINCE AUGUST 2004

UNIT WEIGHT Emitter Array Weight	65 pounds
UNIT COLORS White  Gray  Tan 	Catalog No. LRAD-1000-150-W-SYS Catalog No. LRAD-1000-150-G-SYS Catalog No. LRAD-1000-150-T-SYS
MECHANICAL Emitter Array Dimension	33" O.D. x 6" thick (84 cm O.D. x 15.5 cm)
ENVIRONMENTAL Random Vibration SRS Shock High/Low Temp, Non-Operational High/Low Temp Operational Rain	MIL-STD-810F, Method 514-4, Category 20, US Highway MIL-STD-810F, Method 516.5, Procedure 1 (Functional Shock) MIL-STD-810F, Method 501.4 & 502.4, Procedure 1 MIL-STD-810F, Method 501.4 & 502.4, Procedure 2 MIL-STD-810F, Method 506.4, Procedure 2
TECHNICAL PERFORMANCE Maximum SPL Maximum SPL Regulated Power Mode Emitter Harmonic Distortion Power Requirements Nominal Beam Width Power Input	151dB instantaneous max @ 1 Meter 121dB @ 1 Meter <2.2% THD @ 2 kHz Normal Power Consumption 240 Watts Peak Power Consumption 480 Watt +/- 15° at 2kHz 90 - 240 VAC 50 - 60 Hz
CERTIFICATIONS 	LRAD 1000 IS ATEX CERTIFIED ATEX refers to European Directive 94/9/EC, which covers equipment and protective systems for use in areas endangered by potentially explosive atmospheres created by the presence of flammable gases, vapors, mists or dusts.



American Technology Corporation is "Shaping the Future of Sound®" by providing commercial, government and military markets revolutionary directed acoustic systems featuring next generation communications intelligibility.

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