**THE LRAD® ADVANTAGE**

- Clear, long-range directional communication, overcomes background noise to further increase the audible range in almost any environment
- Scalable, portable and easily mounts with existing weapons and shields
- Rugged military tested construction; tested and approved by ARDEC and Aberdeen Test Center
- Simple to operate, allowing immediate response and process initiation
- Single operator use reduces required manpower
- Safe alternative to non-lethal deterrent options such as pepper spray or rubber bullets
- Increased standoff distance enhances operator safety by keeping civilian populations at extended ranges, and providing additional time to assess threat situations and respond appropriately
- Full military support and sustainment programs

Integrating LRAD systems with remote weapons systems, soldiers remain protected inside HMMWV (as shown above), MRAPs, Strykers, and other up armored vehicles and adds the capability to limit the use of force through clear communication and non lethal deterrence.

**Only acoustic hailing device to meet stringent US Navy/US Army requirements**

<table>
<thead>
<tr>
<th></th>
<th>LRAD 100X</th>
<th>LRAD 300X</th>
<th>LRAD 500X</th>
<th>LRAD 1000Xi</th>
<th>LRAD RX</th>
<th>LRAD 2000X</th>
<th><em>LRAD 360Xm</em></th>
<th><em>LRAD 360X</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX DB</td>
<td>137 dB</td>
<td>143 dB</td>
<td>149 dB</td>
<td>153 dB</td>
<td>153 dB</td>
<td>162 dB</td>
<td>124 dB - 129 dB</td>
<td>131 dB - 141 dB</td>
</tr>
<tr>
<td>MAX RANGE</td>
<td>600+ Meters</td>
<td>1,000+ Meters</td>
<td>2,000+ Meters</td>
<td>3,000+ Meters</td>
<td>3,000+ Meters</td>
<td>3,500+ Meters</td>
<td>250m - 450 Meters</td>
<td>560 - 1,300 Meter radius at 70dB</td>
</tr>
<tr>
<td>POWER</td>
<td>Self-Contained Rechargeable Battery</td>
<td>12-28 VDC</td>
<td>12-28 VDC</td>
<td>90-260 VAC</td>
<td>90-260 VAC</td>
<td>Taps for 20W-120W input power</td>
<td>24 VDC or 90 - 260 VAC</td>
<td></td>
</tr>
<tr>
<td>OPERATING ENVIRONMENT</td>
<td>250 Meters</td>
<td>350 Meters</td>
<td>650 Meters</td>
<td>1,250 Meters</td>
<td>1,250 Meters</td>
<td>2,000 Meters</td>
<td>0.6 sq km</td>
<td>5.3 sq km</td>
</tr>
</tbody>
</table>

Products not to scale.

*LRAD 360X specs vary based on number of emitter heads.*

LRAD products are available for purchase through multiple channels including: GSA Advantage, Federal and State grants, FEMA RKB Standardized Equipment List (SEL), and others. More information: info@LRADX.com
REMOTE OPTION
LRAD can be integrated into sensor networks that locate and track potential threats from remotely controlled security network’s command and control centers. The coordinates are transmitted to the UGV/UAV-mounted LRAD providing operators precise targeting of LRAD’s unique directed sound capability to communicate and appropriately respond to potential threats from a safe location. LRAD can assist security forces at control points to enforce standoff distances and allow more time to accurately assess and respond appropriately to threat situations. By remotely-operating the IP-addressable system, LRAD operators minimize their exposure to arms fire while deploying powerful directed sound broadcasts.

UNMANNED OPERATIONS
Evolving UGV and UAV technology is transforming the way we protect military personnel, civilians, and physical assets. Unmanned systems cannot communicate with and appropriately respond to persons of interest nor do they have the ability to deter a targeted threat upon identification. Additionally, large power requirements for UGV/UAVs have long been a major issue limiting the performance of extended missions making low power integrated system enhancements imperative. LRAD Corporation understands these challenges and has developed a solution that complements and strengthens critical UGV/UAV missions. The LRAD family of products can be operated remotely across an IP network giving UGV/UAV operators the important capability of communicating to targets from a safe location.

Force protection tools must be easily accessible and rapidly deployable for any operational scenario and allow for near instantaneous escalation across the force protection spectrum.

SAFELY RESOLVE UNCERTAIN SITUATIONS
› Entry Control Points
› Convoy Protection
› PSYOP
› Perimeter Protection

LRAD transmits messages with exceptional voice intelligibility and tonal clarity in a highly directional beam, even over significant ambient noise. LRAD’s directionality reduces the risk of exposing nearby personnel or peripheral bystanders to elevated audio levels.

The ability to clearly communicate provides soldiers with critical information when making decisions on EOF. Increasingly blurred distinctions between acts of harassment and acts of warfare require extraordinary efforts by soldiers to conduct graduated response and precise target discrimination with restrictive ROE.

Current tools limit options for soldiers dealing with and communicating to indigenous people. LRAD removes these limitations by giving soldiers the ability to clearly broadcast instructions or warnings over long distances in host nation languages. If necessary, operators can employ LRAD’s warning tone ensuring maximum effectiveness in gaining attention and compliance.