Hyperspike® 24 Specifications

- Diameter: 24”
- Depth: 7.5”
- Weight: 43 lbs (emitter) external controller 45 lbs

- Maximum continuous rated SPL: 150db
- Maximum peak rated SPL: 153db

- Useable Frequency range: 485Hz-7Khz (-10db limits)
- Focused beam width: 3.0 degrees (A-field full angle)
- Focused beam width: 40 degrees (B-field full angle)

- SPL at user position at full rated power: 88db A-weighted

- A-field Coherence Length: 235 meters

- Maximum SPL at distance voice or alert modes

<table>
<thead>
<tr>
<th>Distance</th>
<th>A-field</th>
<th>B-field</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Meter</td>
<td>-150db</td>
<td>-130db</td>
</tr>
<tr>
<td>10 Meter</td>
<td>-139db</td>
<td>-107db</td>
</tr>
<tr>
<td>100 Meter</td>
<td>-124db</td>
<td>-85db</td>
</tr>
<tr>
<td>200 Meter</td>
<td>-119db</td>
<td>-78db</td>
</tr>
<tr>
<td>300 Meter</td>
<td>-117db</td>
<td>-73db</td>
</tr>
<tr>
<td>600 Meter</td>
<td>-110db</td>
<td>-65db</td>
</tr>
</tbody>
</table>

- Power 120-240v 50-60hz1 ph 12 amps (120v) maximum draw
  Typical draw is 5amps (120v)

Available Accessories

- Wireless headset microphone system
- Tactical rail mount for external spotlight or IR emitter
- Hyperspike® Tracker Pan-Tilt motion tracking video system

Field Data

This picture shows the performance of the Hyperspike® Family. Notice the very narrow beam width allows for very controlled field of communication, even at great distances.