



HS-Micro

Award Winning HyperSpike™ Technology

Features

- Loud, peak acoustic output, 141 dB SPL
- Long range, 500 m+
- Narrow acoustic beam +/-15°
- Wide frequency range, 250 Hz - 12 kHz, easily spans human voice
- Lightweight human voice
- Rugged carbon fiber construction
- Built-in high frequency alert tone
- Crystal clear intelligibility, 0.85 out of 1.0 STI

With its unique and proprietary HyperSpike™ technology, the HS-Micro is a self-contained, portable acoustic hailing device. Weighing only 22 lbs, the Micro packs a peak acoustic output of 141 dB for a communication range of 547 yards (500 m). Easily accessible, the built-in high frequency alert tone is readily activated with a push of the button.

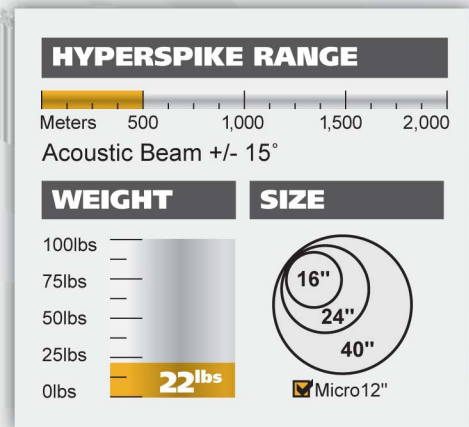
Say good-bye to garbled messages from traditional megaphones and common hailing devices. The HS-Micro brings clear and intelligible commands and authoritative messages to the intended target with an exceptional STI rating of 0.85 out of 1.0.

The rugged, lightweight carbon fiber housing was designed to withstand the harsh marine environment yet provides up to eight hours of battery operation.

Applications

- Crowd Control
- Fire Services
- Search & Rescue
- First Responders
- Law Enforcement
- Public Safety
- Traffic Control
- Emergency & Event Control
- Industrial
- Maritime
- Border & Port Protection

HS-Micro Specifications



Ordering Information

Model No. 90077A-801

Included with HS-Micro

- Rechargeable battery
- Battery charger, DC9000
- Microphone
- MP3 player
- Transit storage case



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Acoustic Specifications:

Sound pressure level max	141 dB A-weighted @ 1 m, 138 dB RMS
Sound pressure level typical	96 dB@ 128 meters*
Backplane rear lobe SPL*	97 dB @ 1 kHz
Usable range**	Up to 500 m (547 yds.)
Beam width, primary (coherent) acoustic field	+/- 15° (30° conical @ 2 kHz)
Frequency range	250 Hz - 12 kHz

*At Maximum Rated Output Power **Ambient Conditions Dependant

Power Requirements:

Power input	18-36 Vdc battery, optional AC/DC external power supply
Compatible batteries	Dewalt LiFePo4 36Vdc p/n DC9360 or Ultralife 24Vdc p/n UBBL09
Battery life	8 hours intermittent use, 2.5 hours continuous use
Battery charging time	1 hour, charger included

Environmental:

High/low operating temperature	MIL-STD-810F, Method 501.4 & 502.4, +50°C, -33°C
Random vibration	MIL-STD-810F, Method 514.4
Shipboard vibration	MIL-STD-167-1A
Shipboard shock	MIL-S-910D, Class I
SRS shock (functional)	MIL-STD-810F, Method 516.5
Rain (blowing)	MIL-STD-810F, Method 506.4
Operating humidity	MIL-STD-810F, Method 507.4
Salt fog	MIL-STD-810F, Method 509.4
Drop survivability	36 inches

Safety:

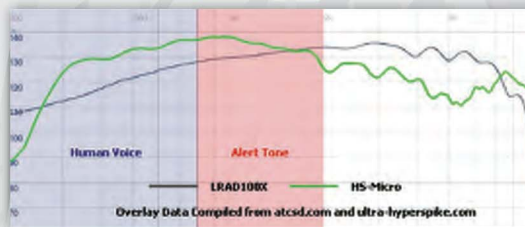
Standard	MIL-STD-1474D
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Electromagnetic Compatibility:

Standard	FCC Part 15 class a Radiated and Conducted Emissions
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Physical Specifications

Dimensions	11.3" W x 12.5" H x 16.3" L (28.7 cm W x 31.8 cm H x 41.3 cm L)
Weight	22lbs (9.9 kg) with battery
Color	Black
Housing material	Carbon fiber



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