



HS-40 HyperSpike® Acoustic Hailing Device

Features

- World's first +160 dB directed voice projection system
- Long range: 2000 m+ Narrow acoustic beam: +/-5°
- Wide frequency range: 225 Hz - 12 kHz, optimized for human voice
- STI 0.91 out of 1.0
- Pan & Tilt capability

HyperSpike® products are available from
Nixalite® of America Inc

www.nixalite.com
P 800.624.1189
F 800.624.1196
E sales@nixalite.com

HyperSpike® HS-40, the loudest Acoustic Hailing Device in production, is the ideal sound solution for communicating extremely long distances and penetrating high background noise environments.

With an acoustic footprint in excess of 2 km, clear, intelligible messages and authoritative commands are broadcast to intended targets. Determining intent and influencing behavior, the HS-40 can produce a warning tone of 135 dB at 100 meters!

Its breakthrough HyperSpike® technology enables the HS-40 to faithfully reproduce sound with less than 1% distortion across the entire wide frequency range. With a Speech Transmission Index (STI) of .91 (out of 1.0), the HS-40 produces clear and authoritative voice output at range.

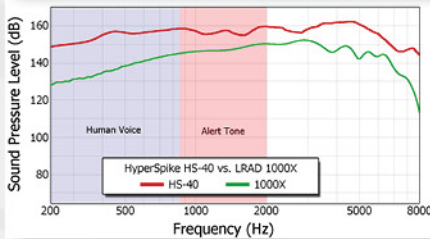
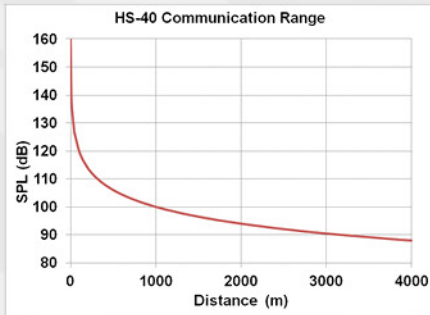
The HS-40 is the clear choice for large scale ships and platforms and the longest range requirements. The HS-40 can also be used for long range animal dispersal, bird control and much more.

Applications

- Military Security
- Maritime & Port Security
- Perimeter Protection
- Law Enforcement
- Oil & Gas Platforms
- Airports & Runways
- Commercial Shipping
- Yacht & Cruise Line Security
- Bird and wildlife dispersal
- Large scale ships
- High value facilities
- Keep people, animals and birds out of high security locations



HS-40 Specifications



Overlay data compiled by Irad.com and ultra-hyperspike.com

Ordering Information

Model No.

90076A-801

90076A-802

Included with the HS-40

- (1) Microphone
- (1) MP3 Player
- (1) Hearing Protection
- (1) HS Audio Optimizer Software
- (1) External Amplifier

Mission-Critical Accessories

- Ship Rail Clamp - p/n 92011A-6 (Stainless Steel)
- Remote Operations Controller
- Tripod
- Weather Cover
- Extended Speaker Cables

Acoustic Specifications:

Sound Pressure Level (SPL), peak	160+ dB A-weighted @ 1 m
Usable Range ^A	Exceeds 2000m (See Graph)
Beam Width	+/-5° (10° conical @ 2 kHz)
Frequency Response	225 Hz - 12 kHz (See Graph)

Power Requirements:

Power Input	100-250 VAC, 50/60 Hz
Current Draw, Typical	5 amps, 110-120v
Current Draw, Max.	8 amps, 110-120v

Physical Specifications

Dimensions - Emitter Head	39.1" diameter x 15.9" depth (99.3 cm diameter x 40.4 cm depth)
Weight - Emitter Head	190 lbs (68.03 kg) - w/o Accessories
Housing Construction	Advanced Composites
Housing Color	Tan (802) or Gray (801)

Environmental^B:

Random Vibration	MIL-STD 810F, Method 514.4
Shipboard Vibration	MIL-STD-167-1A
Shipboard Shock	MIL-STD-910D, Class I
SRS Shock	MIL-STD-810F, Method 516.5
High Temperature Operation	MIL-STD-810F, Method 501.4
Low Temperature Operation	MIL-STD-810F, Method 502.4
Rain	MIL-STD-810F, Method 506.4
Operating Humidity	MIL-STD-810F, Method 507.4
Salt Fog	MIL-STD-810F, Method 509.4
Safety Standard	MIL-STD-1474D
EMC Standard	FCC Part 15 Class A Radiated & Conducted Emissions

A Ambient environmental conditions

B Designed to meet harsh, maritime environmental conditions



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Nixalite® of America Inc

1025 16th Ave, E. Moline, IL 61244
 www.nixalite.com sales@nixalite.com
 P 800.624.1189 F 309.755.0077