



HS-24

HyperSpike® Acoustic Hailing Device

Features

- 153 dB SPL peak acoustic output
- Long range: 1500 m+
Narrow acoustic beam: +/-5° n
- Wide frequency range: 375 Hz - 18 kHz
- Optimized for human voice
- STI 0.85 out of 1.0
- Pan & Tilt capability
- Built-in high frequency alert tone

With unique and proprietary HyperSpike® technology, the HS-24 is the ideal sound reinforcement solution for communicating long distances and penetrating high background noise environments. With an acoustic footprint up to 1500 m+, clear, intelligible commands and authoritative messages are broadcast to intended targets with industry leading clarity. The HS-24 is used for long range notification, animal control, bird dispersal and more.

Powerful deterrent tones, which enhance military and security personnel's response capabilities, are easily accessible with the built-in high frequency alert tone.

Equipped with a pan & tilt capability, the HS-24 enables communication, at range, in either real-time or pre-recorded, multiple language messages.

Applications

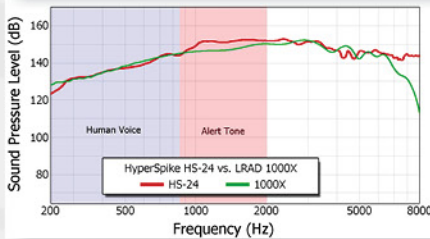
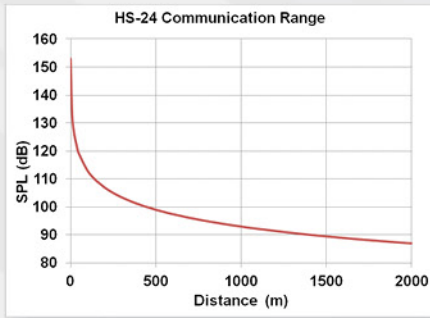
- Military Security
- Pirate Deterrence
- Small Craft & Vehicles
- Perimeter Protection
- Law Enforcement
- Riot & Crowd Control
- Fire Services
- Wildlife Management
- Border & Port Protection
- Industrial, Nuclear, Refinery
- Airports & Runways
- Bird and wildlife dispersal
- Keep people, animals and birds out of high security locations

HyperSpike® products are available from Nixalite® of America Inc

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P 800.624.1189
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E sales@nixalite.com



HS-24 Specifications



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

Ordering Information

Model No.

90062A-1111-04

90062A-1111-02

Included with the HS-24

- (1) Microphone
- (1) MP3 Player
- (1) Pan & Tilt Bracket
- (1) Hearing Protection
- (1) HS Audio Optimizer Software

Mission-Critical Accessories

- Tripod - p/n 92010A-801
- Transit Case - p/n 92017A-1
- Ship Rail Clamp - p/n 92011A-6 (Stainless Steel)

Acoustic Specifications:

Sound Pressure Level, Peak	153 dB A-weighted @ 1 m
Usable Range ^A	Up to 1500 m (see graph)
Beam Width	+/- 5° (10° conical @ 2 kHz +/- 3 dB)
Frequency Response	375 Hz - 18 kHz (see graph)

Power Requirements:

Power Input	100-250 VAC / 50-60 Hz
Current Draw (Normal Voice)	1.5 Amps, 110-120V, typical
Current Draw (Alert Tone)	2.5 Amps, 110-120V, typical

Physical Specifications

Dimensions - Emitter Head	25.4" Diameter × 7.3" Depth (64.5 cm Diameter × 18.5 cm Depth)
Weight - Emitter Head	74 lbs (33.6 kg)
Surface Area (Wind Loading)	506.5 in ² (0.33 m ²)
Housing Construction	Composite
Housing Color	Desert Tan (02) Navy Gray (04), or custom

Environmental^B:

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-STD-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
EMC Standard	FCC Part 15 class a Radiated and Conducted Emissions

^A Ambient environmental conditions

^B Designed to meet harsh, maritime environmental conditions



Ultra Electronics HyperSpike® products are available from:



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