

HYPERSPIKE® HS-18

ACOUSTIC HAILING DEVICE



156 dB SPL PEAK ACOUSTIC OUTPUT

COMMUNICATION RANGE:
3000m

NARROW ACOUSTIC BEAM:
+/- 5° @ 2kHz

FREQUENCY RESPONSE:
245 Hz - 10kHz, OPTIMIZED
FOR HUMAN VOICE

STI 0.96 OUT OF 1.0

BUILT-IN HIGH FREQUENCY
ALERT TONE

PAN & TILT CAPABLE

SELF-CONTAINED
ELECTRONICS

COMPACT CARBON FIBER
CONSTRUCTION

INDUSTRY LEADING TECHNOLOGY

Engineered with proprietary HyperSpike® technology, and the innovative Opti-Port equipment bay, the customizable HS-18 is an ideal sound reinforcement solution. With 156 dB of forceful acoustics, operators have the ability to issue clear, authoritative verbal commands and cut through high background noise.

Security operations are enhanced with the HS-18's first-to-market, Opti-Port equipment bay. Easily configured with an optional video camera, or search light, mission-critical sensors give security personnel additional time and valuable information to evaluate a potential threat.

With the Opti-Port equipment bay located in the center of the HS-18, optional sensors are inherently centered in the middle of the acoustic wave, minimizing calibration and maintenance time.

With an acoustic footprint of 3000m, clear, intelligible and authoritative commands are broadcast to intended targets with industry leading clarity.

APPLICATIONS

- Military Security
- Maritime & Port Security
- Perimeter Protection
- Law Enforcement
- Oil & Gas Platforms
- Airports & Runways
- Commercial Shipping
- Yacht & Cruise line Security

ULTRA-HYPERSPIKE.COM

HS-18 Specifications

ORDERING INFORMATION

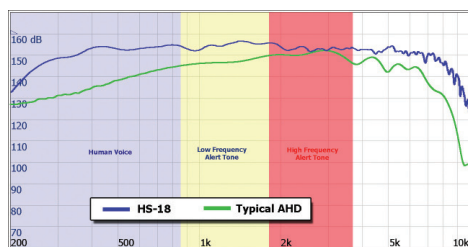
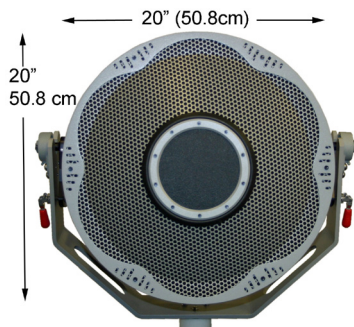
Model No. 90096A-80X
(see price sheet for selectable options)

INCLUDED WITH THE HS-18

- Integrated Record/Play Microphone
- HS Audio App (Google Play/Apple Store)
- Saddle Bracket and Required Cables

OPTIONAL ACCESSORIES

- Ship Rail Clamp (Stainless Steel)
- Protective Covers
- See Sales Representative for complete list



ACOUSTIC SPECIFICATIONS

Sound Pressure Level, Peak

156 dB A-weighted @ 1m

Usable Range^A

Up to 3000m

Beam Width

+/- 5° (10° conical @ 2 kHz/-3 dB)

Frequency Response

245 Hz - 10 kHz (see graph)

PHYSICAL SPECIFICATIONS

Dimensions - Emitter Head

20" Diameter x 18.3" Depth
(50.8 cm Diameter x 46.5 cm Depth)

Dimensions - Opti-Port Bay

5.75" Diameter x 5.5" Depth
(14.6 cm Diameter x 14.0 cm Depth)

Weight - Emitter Head

90 lbs (40.8 kg)

Housing Construction

Carbon Fiber

Housing Color

Navy Gray (04), Desert Tan (02) or custom

POWER REQUIREMENTS

Power Input

100-250 VAC, 50/60 Hz

Current Draw

2.4 Amps, 110V, typical (voice)
4.0 Amps, 110V, maximum (tone)

ENVIRONMENTAL^B

High/low Operating Temperature^C

MIL-STD-810F, Method 501.4 & 502.4,
+50°C, -33°C

Random Vibration^C

MIL-STD-810F, Method 514.4

Shipboard Vibration^C

MIL-STD-167-1A

Shipboard Shock^C

MIL-STD-901D, Class I

SRS Shock (Functional)^C

MIL-STD-810F, Method 516.5

Rain (Blowing)^C

MIL-STD-810F, Method 506.4

Operating Humidity^C

MIL-STD-810F, Method 507.4

Salt Fog^C

MIL-STD-810F, Method 509.4

Drop Survivability^C

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

C) Verified by independent third party test lab

ULTRA

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