HYPERSPIKE ® HS-18

ACOUSTIC HAILING DEVICE

156 dB SPL PEAK ACOUSTIC OUTPUT

COMMUNICATION RANGE: 2000m

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 2000m, 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

Ultra ELECTRONICS | HYPERSPIKE *Sound that Moves*

HS-18 Specifications

ORDERING INFORMATION

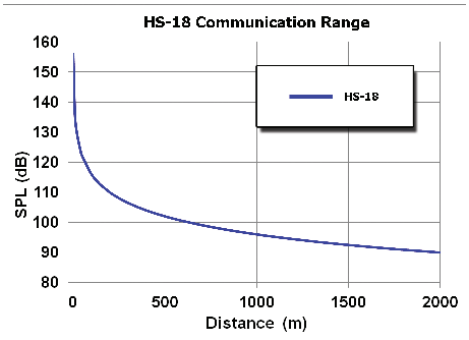
Model No. 90096A
(see price sheet for selectable options)

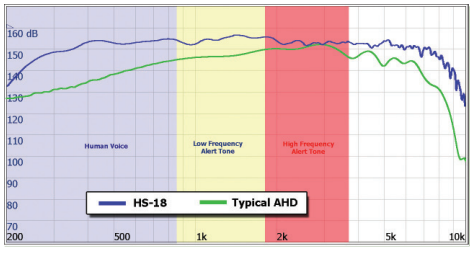
INCLUDED WITH THE HS-18

- Record/Play Microphone
- Integrated MP3 Player
- HS Audio Optimizer Software
- Saddle Bracket

OPTIONAL ACCESSORIES

- Thermal Imager
- Remote Operations Controller
- Ship Rail Clamp (Stainless Steel)
- Daylight Camera
- Programmable Search Light
- Transit Case





ACOUSTIC SPECIFICATIONS

Sound Pressure Level, Peak	156 dB A-weighted @ 1m
Usable Range[A]	Up to 2000m (see graph)
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 Electronics
USSI
4868 East Park 30 Drive
Columbia City, IN 46725-8869
USA

Tel: +1.260.248.3666
www.ultra-hyperspike.com

02/12/2019

Ultra ELECTRONICS | HYPERSPIKE *Sound that Moves*