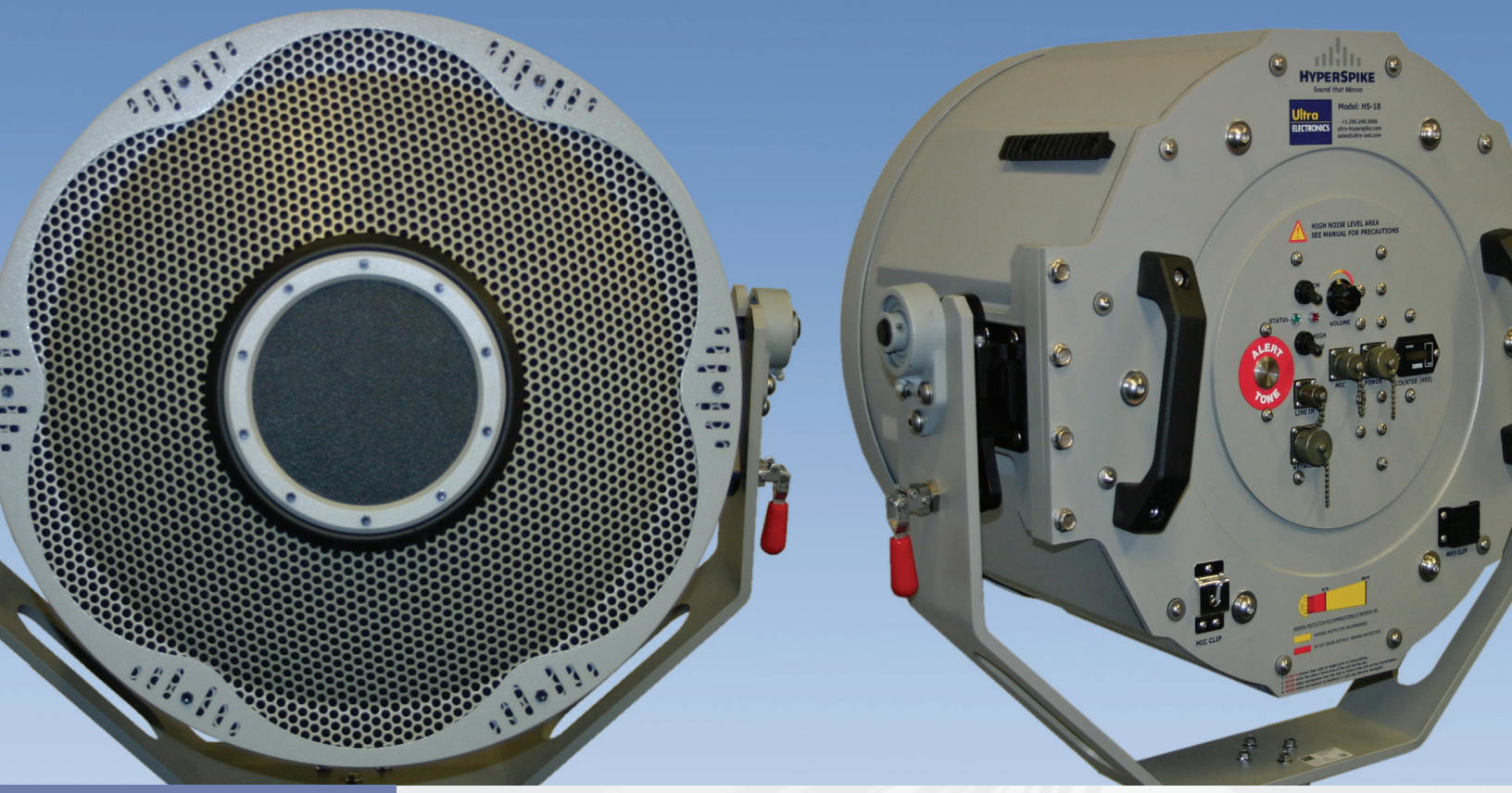


HS-18

HyperSpike® Acoustic Hailing Device with Opti-port

Features

- 156 dB SPL peak acoustic output
- Long range: 2000 m
- Narrow acoustic beam: +/-5°
- Wide Frequency Range: 245 Hz - 10 kHz, optimized for human voice
- STI 0.96 out of 1.0
- Pan & tilt capable
- Built in high frequency alert tone
- Self-contained electronics
- Compact carbon fiber construction

GSA Advantage!™

Combining Ultra's unique and proprietary HyperSpike® technology with 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, search light, or laser/dazzler, 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 2000 m, clear, intelligible and authoritative commands are broadcast to intended targets with industry leading clarity.

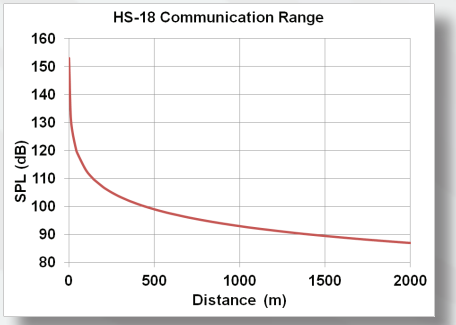
Applications

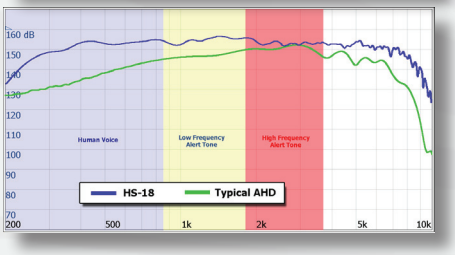
- Military Security
- Maritime & Port Security
- Perimeter Protection
- Law Enforcement
- Oil & Gas Platforms
- Airports & Runways
- Commercial Shipping
- Yacht & Cruiseline Security

HYPERSPIKE
Sound that Moves

Ultra ELECTRONICS

HS-18 specifications





Ordering information

Model No.

90096A-1111-XX

Included with the HS-18

- (1) Microphone
- (1) MP3 Player
- (1) Saddle Bracket
- (1) HS Audio Optimizer Software

Mission-critical accessories

- Remote Operations Controller
- Thermal Imager
- Sony Daylight Camera
- Programmable Search Light
- Laser Vision Interrupter
- Ship Rail Clamp (Stainless Steel)

Acoustic specifications:

Sound Pressure Level, Peak	156 dB A-weighted @ 1 m
Usable Range[A]	up to 2000 m (See Graph)
Beam Width	+/- 5° (10° conical @ 2 kHz /-3 dB)
Frequency Response	245 Hz - 10 kHz (See Graph)

Power requirements:

Power Input	100-250 VAC, 50/60 Hz
Current Draw (Voice)	2.4 Amps, 110V, typical
Current Draw (Alert Tone)	4.0 Amps, 110V, maximum

Physical specifications:

Dimensions - Emitter Head	20.0" diameter × 18.3" depth (50.8 cm diameter × 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	90 lbs (40.8 kg)
Housing Construction	Carbon fiber
Housing Color	Navy Gray (04), Dessert Tan (02) or custom color

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 *Sound that Moves*

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