

HS-14

HyperSpike® Acoustic Hailing Device

Features

- 151 dB SPL peak acoustic output
- Long range: 1500 m+
- Narrow acoustic beam: +/- 12°
- Wide frequency range: 300 Hz - 8 kHz, optimized for human voice
- STI 0.81 out of 1.0
- Built-in high frequency alert tone
- Internal 16 GB file player
- Built-In thermal management system to prevent thermal shutdown

With the proprietary HyperSpike® technology, the HS-14 is a self-contained, lightweight, portable acoustic hailer for communicating long distances and penetrating high background noise environments. With an acoustic footprint up to 1,500 meters, the HS-14 packs a peak acoustic output of 151 dB to ensure clear and authoritative voice commands are clearly understood. The HS-14 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.

Weighing only 37 lbs., the rugged, lightweight carbon fiber reinforced housing is easily transported and withstands extreme maritime and desert environments.

An exceptional STI rating of 0.81 / 1.0 combined with an extended frequency range ensures authoritative voice commands are clearly delivered to the intended target.

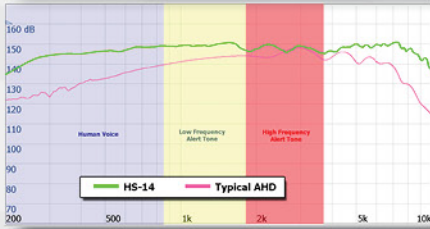
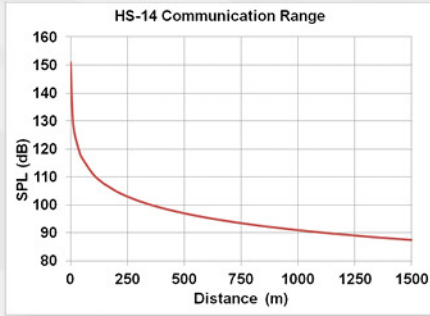
Applications

- Crowd Control
- Fire Services
- Search & Rescue
- First Responders
- Law Enforcement
- Public Safety
- Emergency/Event Control
- Maritime – RHIB
- Border & Port Protection
- Bird and wildlife dispersal
- Colleges, Universities
- High value facilities
- Keep people, animals and birds out of high security locations

HyperSpike® products are available from Nixalite® of America Inc

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Acoustic Specifications:

Sound Pressure Level, Peak^A 151 dB @ 1 m (LL Peak Max)
 Usable Range^B Up to 1500 m (See graph)
 Beam Width +/- 12° (24° conical @ 2 kHz /-3 dB)
 Frequency Response 300 Hz - 8 kHz (See graph)

Physical Specifications

Dimensions - Emitter Head 14.5" Diameter x 16.6" Depth
 (36.8 cm Diameter x 42.2 cm Depth)
 Cross-Sectional Area 165 in²
 Weight - Emitter Head 37 lbs (16.8 kg)
 Housing Material Carbon Fiber Reinforced

Power Requirements:

Power Input 10-34 Vdc
 Power Consumption 315 W typical voice
 940 W peak (Alert Tone)

Ordering Information

- Model No.
- 90110A-1111-02 (Desert Tan)
- 90110A-1111-04 (Navy Gray)

Included with the HS-14

- (1) Record/Play Microphone
- (1) MP3 Player
- (1) Hearing Protection
- (1) HS Audio Optimizer Software
- (1) Saddle Bracket

Mission-Critical Accessories

- Tripod - p/n 92010A-801
- Remote Controller - p/n 72607A-801
- Ship Rail Clamp - p/n 92011A-6 (Stainless Steel)

Environmental^C:

High/low Operating Temperature MIL-STD-810G, Method 501.5 & 502.5, +60°C, -20 °C
 Random Vibration MIL-STD-810G, Method 514.6
 Shipboard Vibration MIL-STD-167-1A
 Shipboard Shock MIL-STD-910D, Class I
 Rain (Blowing) MIL-STD-810G, Method 506.5
 Operating Humidity MIL-STD-810G, Method 507.5
 Salt Fog MIL-STD-810F/G, Method 509.5
 Safety Standard MIL-STD-1474D
 EMC Standard FCC Part 15 class A Radiated and Conducted Emissions

A) Using built-in alert tone
 B) Ambient environmental conditions
 C) Designed to meet stated specifications



Ultra Electronics HyperSpike® products are available from:



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