



HS-14

Award Winning HyperSpike™ Technology

Features

- 151 dB SPL peak acoustic output
- Long range, 1500 m+
- +/-12° narrow acoustic beam
- Wide frequency range, 280 Hz - 8 kHz, easily spans human voice
- Lightweight at 35lbs
- Rugged carbon fiber construction
- Built-in high frequency alert tone
- STI 0.85 out of 1.0
- Crystal clear intelligibility

With unique and 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 1500 meters, the HS-14 packs a peak acoustic output of 151 dB to ensure clear and authoritative voice commands are clearly understood.

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 35 lbs., the rugged, lightweight carbon fiber housing is easily transported and withstands extreme maritime and desert environments.

With an exceptional STI rating of 0.85 / 1.0 combined with an extended frequency range ensures authoritative voice commands are clearly delivered to the intended target.

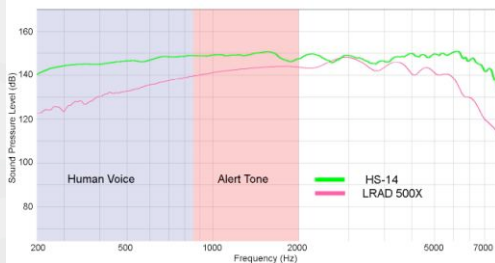
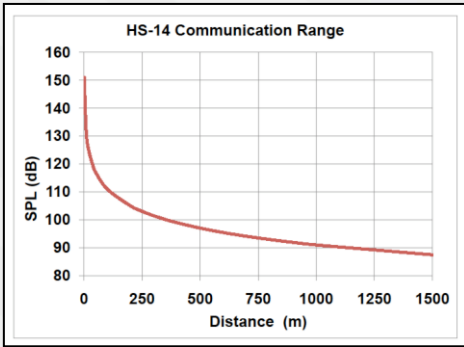
Applications

- Military Security
- Small Craft & Vehicles
- Perimeter Protection
- Law Enforcement
- Crowd Control
- Fire Services
- Wildlife Preservation
- Maritime
- Border & Port Protection

Check Us Out On:



HS-14 Specifications



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

Ordering Information

Model No. 90110A

Included with HS-14

- Microphone
- MP3 player
- HS Audio Optimizer Software
- Hearing Protection



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Acoustic Specifications:

Sound pressure level, peak
 Usable range¹
 Beam width
 Frequency response

151 dB C-weighted @ 1 m
 Up to 1500 m (see graph)
 +/- 12° (24° conical @ 2 kHz +/-3 dB)
 280 Hz - 8 kHz (see graph)

Power Requirements:

Power input
 Power Consumption

12-28 Vdc
 220 W typical, 350 W peak

Environmental:²

High/low operating temperature
 Random vibration
 Shipboard vibration
 Shipboard shock
 SRS shock (functional)
 Rain (blowing)
 Operating humidity
 Salt fog
 Drop survivability
 Safety Standard
 EMC Standard

MIL-STD-810F, Method 501.4 & 502.4, +50°C, -33°C
 MIL-STD-810F, Method 514.4
 MIL-STD-167-1A
 MIL-STD-910D, Class I
 MIL-STD-810F, Method 516.5
 MIL-STD-810F, Method 506.4
 MIL-STD-810F, Method 507.4
 MIL-STD-810F, Method 509.4
 36 inches
 MIL-STD-1474D
 FCC Part 15 class a Radiated and Conducted Emissions

Physical Specifications

Dimensions
 Weight
 Housing material

14.5" Diameter x 15.5" Depth
 (36.8 cm Diameter x 39.4 cm Depth)
 35 lbs (15.9 kg)
 Carbon fiber, Black

Mission-Critical Accessories

- Tripod p/n 92010A-801
- Saddle Bracket p/n TBD
- Transit Case p/n TBD
- Remote Controller p/n 72607A-801

¹ Ambient Environmental Conditions
² Designed to meet harsh, maritime environmental conditions

Ultra Electronics reserves the right to vary these specifications without notice.
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