HyperSpike® Acoustic Hailing Device

HS-24

With unique and proprietary HyperSpike® technology, the HS-24 is the ideal sound reinforcement solution for communicating long distances and penetrating high background noise environments. With an acoustic footprint up to 1500 m+, clear, intelligible commands and authoritative messages are broadcast to intended targets with industry leading clarity. The HS-24 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.

Equipped with a pan & tilt capability, the HS-24 enables communication, at range, in either real-time or pre-recorded, multiple language messages.

Applications

- Military Security
- Pirate Deterrence
- Small Craft & Vehicles
- Perimeter Protection
- Law Enforcement
- Riot & Crowd Control
- Fire Services
- Wildlife Management
- Border & Port Protection
- Industrial, Nuclear, Refinery
- Airports & Runways
- Bird and wildlife dispersal
- Keep people, animals and birds out of high security locations
HS-24 Specifications

Acoustic Specifications:
- Sound Pressure Level, Peak: 153 dB A-weighted @ 1 m
- Usable Range\(^A\): Up to 1500 m (see graph)
- Beam Width: +/- 5° (10° conical at 2 kHz /-3 dB)
- Frequency Response: 375 Hz - 18 kHz (see graph)

Power Requirements:
- Power Input: 100-250 VAC / 50-60 Hz
- Current Draw (Normal Voice): 1.5 Amps, 110-120V, typical
- Current Draw (Alert Tone): 2.5 Amps, 110-120V, typical

Physical Specifications
- Dimensions - Emitter Head: 25.4" Diameter x 7.3" Depth (64.5 cm Diameter x 18.5 cm Depth)
- Weight - Emitter Head: 74 lbs (33.6 kg)
- Surface Area (Wind Loading): 506.5 in\(^2\) (0.33 m\(^2\))
- Housing Construction: Composite
- Housing Color: Desert Tan (02) Navy Gray (04), or custom

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 508.4
- Operating Humidity: MIL-STD-810F, Method 507.4
- Salt Fog: MIL-STD-810F, Method 509.4
- Drop Survivability: 36 inches
- Shock (Functional): MIL-STD-1474D
- Conduction Emissions

Included with the HS-24
- (1) Microphone
- (1) MP3 Player
- (1) Pan & Tilt Bracket
- (1) Hearing Protection
- (1) HS Audio Optimizer Software

Mission-Critical Accessories
- Tripod - p/n 92010A-801
- Transit Case - p/n 92017A-1
- Ship Rail Clamp - p/n 92011A-6 (Stainless Steel)

Ordering Information
Model No.
90062A-1111-04
90062A-1111-02

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A Ambient environmental conditions
B Designed to meet harsh, maritime environmental conditions

Ultra Electronics HyperSpike® products are available from:

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