

HS-18 RAHD™ REMOTE ACOUSTIC HAILING DEVICE



FEATURES

- 156dB SPL PEAK ACOUSTIC OUTPUT
- COMMUNICATION RANGE: 2000m
- FREQUENCY RESPONSE: 245Hz - 10kHz, OPTIMIZED FOR HUMAN VOICE
- ETHERNET ADDRESSABLE FOR REMOTE CAPABILITY
- COMPACT DESIGN
- COMMAND & CONTROL FROM DESKTOP OR HANDHELD DEVICE



HS-18 RAHD™

Combining the HyperSpike® HS-18 high-powered acoustic technology with a remote control pan tilt system makes the HS-18 RAHD™ ideal for perimeter security and sound reinforcement applications. With an acoustic footprint of up to 2000m, clear and authoritative voice commands are broadcast to intended targets with industry leading intelligibility.

The HS-18 RAHD™ comes standard with the HyperSpike® Command & Control Center, providing operators with a simplified, modern control panel, allowing the user to focus on the job at hand. The Command & Control Center can be accessed from behind a desk or mobile on a wireless network while on the move, providing full functionality regardless of device size or operating system.

Adding an HD camera and high power search light to the HS-18 RAHD™ is as simple as plug and play. The Command & Control Center is aware of attached devices and populates or omits control panels on the graphical user interface as required. Optional specialized sensors, such as thermal imagers and laser dazzlers, can also be easily added to the product to enhance security features.

The acoustic punch of the HS-18 speaker, combined with the HD camera and a high-powered search light, makes HS-18 RAHD™ the most robust perimeter security and sound reinforcement product on the market.

APPLICATIONS

- Military Security
- Maritime & Port Security
- Perimeter Protection
- Law Enforcement
- Oil & Gas Platforms
- Wildlife Avoidance
- Commercial Shipping





ORDERING INFORMATION

90207A-801-04

INCLUDED WITH HS-18 RAHD™

- Command & Control Center Software
- Ruggedized Pan Tilt System
- High Power Acoustic Element

PLUG & PLAY ACCESSORIES

- HD Camera
- High Power Search Light

OPTIONAL ACCESSORIES

- Thermal Imager
- Laser Dazzler
- Push To Talk Microphone
- Joystick
- Input Power Transformer

HS-18 RAHD™ may be customized to meet specific security requirements. Contact USSI for details.

ACOUSTIC SPECIFICATIONS:

Sound Pressure Level, Peak

156dB @ 1m

Usable Range

Up to 2000m

Beam Width

±5° (10° conical @ 2kHz/-3dB)

Frequency Response

345Hz - 10kHz

POSITIONING SPECIFICATIONS:

Slew Rate

Tilt: 6°/sec

Pan: 25.7°/sec

Range of Motion

Tilt: ±45°

Pan: 360° continuous

POWER REQUIREMENTS:

Power Input

100-250VAC, 50/60Hz

PHYSICAL SPECIFICATIONS:

Communication Interface

T10/100 based ethernet

Dimensions, System

23.2"W x 36.8"H x 24.5"D

(58.9cm W x 93.5cm H x 62.2cm D)

Weight, System

170lbs (77.1kg)

Emitter Construction

Carbon fiber

Color

Gray (04), other colors available

ENVIRONMENTAL¹:

High/Low Operating Temperature

MIL-STD-810G, +60°C, -20°C Procedure II

Vehicle Vibration

MIL-STD-810G, Method 514.6 Procedure I

Shipboard Vibration

MIL-STD-167-1A Type I

Shipboard Shock

MIL-STD-901D, Grade B Type A

Rain (Blowing)

MIL-STD-810G, Method 506.5 Procedure I

Dust (Blowing)

MIL-STD-810G, Method 510.5 Procedure I

Humidity

MIL-STD-810G, Method 507.5 Procedure II

Salt Fog

MIL-STD-810G, Method 509.5

Safety Standard

MIL-STD-1474D

EMC Standard

FCC Part 15 Class A Radiated and Conducted



BALKAN Teknoloji Servisleri Ltd. Şti.

Cumhuriyet Mahallesi, Çimen Sokak, No: 9/A,
Üsküdar, İstanbul, 34699 TÜRKİYE

Telefon : +90 533 243 55 07

E-mail : info@balkanteknoloji.com.tr

Web : www.balkanteknoloji.com.tr

¹ Designed to meet stated specifications

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