

HS-10

PORTABLE ACOUSTIC HAILING DEVICE



FEATURES

- 144dB SPL PEAK ACOUSTIC OUTPUT
- LONG RANGE: 750+m
- NARROW ACOUSTIC BEAM: ± 15 DEGREES
- FREQUENCY RANGE: 400Hz-7kHz
- HIGHLY INTELLIGIBLE VOICE
- STI: 0.85 OUT OF 1.0
- BUILT-IN HIGH FREQUENCY ALERT TONE
- LIGHTWEIGHT
- RUGGED AEROSPACE COMPOSITE CONSTRUCTION
- INTEGRATED RECORD/PLAY FUNCTIONALITY
- ERGONOMIC CONTROLS

HS-10

With its unique and proprietary HyperSpike® technology, the HS-10, next generation of the HS-Micro, is a self-contained, portable acoustic hailing device. Weighing only 15lbs, the HS-10 packs a peak acoustic output of 144dB for a communication range of 750+m. Easily accessible, the built-in high frequency alert tone is readily activated with the push of a button.

The HS-10 easily penetrates high background noise environments to ensure that unmistakable commands and piercing alert tones are heard. Exceeding traditional megaphones and common hailing devices, the HS-10 brings clear and intelligible commands and authoritative messages to the intended target with an exceptional STI rating of 0.85 out of 1.0.

The HS-10 is equipped with internal rechargeable batteries. Optional accessories include mounting options, HyperSpike® phone app for remote control capability, and a transit case.

APPLICATIONS

- Crowd Control
- Search and Rescue
- First Responders
- Law Enforcement
- Campus and Public Safety
- Emergency and Event Control
- Maritime Communication
- Border and Port Protection

OPTIONAL ACCESSORIES

- Desktop Charger
- Vehicle Charger
- Auxiliary Battery
- Transit Case
- Bluetooth Accessory Accommodation
- Universal/Tripod Mount
- Magnetic Mount

INCLUDED WITH HS-10

- Battery Charger
- Microphone
- Line Input Cable
- HyperSpike® Mobile App
- Shoulder Strap (Model R only)
- Accessory Bag (Model R only)



HS-10 Portable Acoustic Hailing Device Model Comparison

	HS-10-C	HS-10-R
ACOUSTIC SPECIFICATIONS		
Sound Pressure Level (peak)	136dB A-weighted @ 1m	144dB A-weighted @ 1m
Usable Range	400+m	750+m
Beam Width	±15 degrees	±15 degrees
Frequency Range	400Hz-7kHz	400Hz-7kHz
STI (at range)	0.85	0.85
POWER REQUIREMENTS		
Power	Internal rechargeable battery pack	Internal rechargeable battery pack
Battery Life	15 hours @ duty cycle	8 hours @ duty cycle
Battery Charge Time	3 hours	3 hours
PHYSICAL SPECIFICATIONS		
Dimensions	12.5"H x 12.3"L x 10.0"W 31.8cm H x 31.2cm L x 25.4cm W	12.5"H x 12.3"L x 10.0"W 31.8cm H x 31.2cm L x 25.4cm W
Weight	12lbs	15lbs
Housing Material	Flame retardant UV stable composite	Flame retardant UV stable composite
Colors	Black (01)	Black (01), optional colors available
ENVIRONMENTAL^A		
Ingress Protection	IP65, NEMA3R	IP65, NEMA3R
Operating Temperature	-30°C to 60°C	-30°C to 60°C
Humidity Range	0-95% non-condensing	0-95% non-condensing
^A Designed to meet		
STANDARD FEATURES		
Auxiliary Input	Analog line input	Analog line input
Microphone Input	Live & Record/Play Mic	Live & Record/Play Mic
Status Indication LED	Status & Mode	Status & Mode
Controls	Power, Alert, Volume, Mode	Power, Alert, Volume
Remote Control	Phone app - wired	Phone app - wired
Digital Signal Processing	Optimized for human voice	Optimized for human voice
ORDERING INFORMATION		
Part Number	90199A-801-XX	90199A-802-XX



making a difference

Ultra Electronics
 USS1
 4868 East Park 30 Drive
 Columbia City
 Indiana, 46725-8861
 USA
 Tel: +1 260-248-3666
 Email: sales@ultra-ussi.com
 www.ultra-hyperspike.com
 www.ultra-electronics.com



Ultra Electronics reserves the right to vary these specifications without notice.
 © Ultra Electronics Limited 2016.
 Printed in USA
 P/N 90199A-PDS-HS10 Rev 5
 Engineering Release