

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, is a self-contained, portable acoustic hailing device. Weighing as little as 12 lbs, the HS-10 packs a peak acoustic output of up to 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 magnetic and tripod mounts,

HyperSpike® phone app for remote control capability, and a transit case. For wireless applications, the HS-10 is compatible with several bluetooth adapter kits. Contact us for suggestions.

OPTIONAL ACCESSORIES

- Vehicle Charger
- 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)

APPLICATIONS

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



HS-10 Portable Acoustic Hailing Device Model Comparison

	HS-10C	HS-10R
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 PA (intelligibility)	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	4.5 hours	4.5 hours
PHYSICAL SPECIFICATIONS		
Dimensions	13.5"H x 12.5"L x 10.0"W (34.3cm H x 31.8cm L x 25.4cm W)	13.5"H x 12.5"L x 10.0"W (34.3cm H x 31.8cm L x 25.4cm W)
Weight	12lbs	15lbs
Housing Material	Flame retardant UV stable composite	Flame retardant UV stable composite
Standard Color	Black (01)	Black (01)
Available Upgrade Colors	Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)	Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)
ENVIRONMENTAL		
Ingress Protection	IP65, NEMA3R	IP65, NEMA3R
Operating Temperature	-20°C to 60°C	-20°C to 60°C
Humidity Range	0-75% non-condensing	0-75% non-condensing
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, Mode
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



Ultra Electronics
 USSI
 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 2019.
 Printed in USA
 P/N 90199A-PDS-HS10 Rev B