

# 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
- Bird Control

### 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
<b>ACOUSTIC SPECIFICATIONS</b>		
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 (intangibility)	0.85	0.85
<b>POWER REQUIREMENTS</b>		
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
<b>PHYSICAL SPECIFICATIONS</b>		
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)
<b>ENVIRONMENTAL</b>		
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
<b>STANDARD FEATURES</b>		
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
<b>ORDERING INFORMATION</b>		
Part Number	90199A-801-XX	90199A-802-XX



making a difference

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 2016.  
 Printed in USA  
 P/N 90199A-PDS-HS10 Rev A