# 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

ACOUSTIC SPECIFICATIONS         I36dB 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         Black (01)           Standard Color         Black (01)         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		115 10 €	115 10 11
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 Battery Life 15 hours @ duty cycle 4.5 hours @ duty cycle 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) (34.3cm H x 31.8cm L x 25.4cm W) Weight 12lbs 15lbs Flame retardant UV stable composite Flame retardant UV stable composite Standard Color Black (01) 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  Available LIPD Status & Mode Status & Mode Controls Power, Alert, Volume, Mode Power, Alert, Volume Phone app - wired Optimized for human voice  ORDERING INFORMATION	ACOUSTIC SPECIFICATIONS		
Beam Width #15 degrees #15 degrees Frequency Range 400Hz-7kHz 400Hz-7kHz 5TI PA (intelligibility) 0.85 0.85  POWER REQUIREMENTS  Power Internal rechargeable battery pack 8 hours @ duty cycle 8 hours @ duty cycle 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) (34.3cm H x 31.8cm L x 25.4cm W)  Weight 12lbs 15lbs 15lbs 15lbs 16lack (01) 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 -20"C to 60"C -75% non-condensing  STANDARD FEATURES  Auxiliary Input Analog line input Live & Record/Play Mic Status Indication LED Status & Mode Power, Alert, Volume Phone app - wired ORDERING INFORMATION  ORDERING INFORMATION  ENDIRONMENTAL IV 5 degrees #15 degrees #15 deutery 400Hz-7kHz double battery 400Hz-7kHz double battery pack 8 hours @ duty cycle 4.5 hours @ duty c	Sound Pressure Level (peak)	136dB A-weighted @ 1m	144dB A-weighted @ 1m
Frequency Range 400Hz-7kHz 400Hz-7kHz 5TI PA (intelligibility) 0.85 0.85  POWER REQUIREMENTS  Power Internal rechargeable battery pack 8 hours @ duty cycle 8 thours @ duty cycle 4.5 hours 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) (34.3cm H x 31.8cm L x 25.4	Usable Range	400+m	750+m
STI PA (intelligibility)  POWER REQUIREMENTS  Power  Internal rechargeable battery pack Battery Life Battery Life Battery Charge Time  4.5 hours  Use internal rechargeable battery pack Battery Charge Time  4.5 hours  13.5"H x 12.5"L x 10.0"W (34.3cm H x 31.8cm L x 25.4cm W)  Weight  12lbs  Flame retardant UV stable composite Standard Color Black (01) Available Upgrade Colors  ENVIRONMENTAL  Ingress Protection Operating Temperature -20"C to 60"C  Humidity Range  0-75% non-condensing  STANDARD FEATURES  Auxiliary Input Microphone Input Live & Record/Play Mic Status Indication LED Status & Mode Controls Remote Control Phone app - wired Optimized for human voice  ORDERING INFORMATION	Beam Width	±15 degrees	±15 degrees
POWER REQUIREMENTS  Power  Internal rechargeable battery pack  Battery Life  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)  Weight  12lbs  15lbs  Flame retardant UV stable composite Standard Color  Available Upgrade Colors  Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  ENVIRONMENTAL  Ingress Protection  Operating Temperature  -20°C to 60°C  Humidity Range  O-75% non-condensing  STANDARD FEATURES  Auxiliary Input  Analog line input  Live & Record/Play Mic  Status & Mode  Controls  Power, Alert, Volume, Mode  Power, Alert, Volume  Phone app - wired  Optimized for human voice  ORDERING INFORMATION	Frequency Range	400Hz-7kHz	400Hz-7kHz
Power   Internal rechargeable battery pack   Battery Life   15 hours @ duty cycle   8 hours @ duty cycle   4.5 hours   4.5 hours   4.5 hours   4.5 hours   4.5 hours	STI PA (intelligibility)	0.85	0.85
Battery Life 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)  Weight 12lbs 15lbs Housing Material Flame retardant UV stable composite Standard Color Black (01) Available Upgrade Colors  ENVIRONMENTAL  Ingress Protection Operating Temperature -20°C to 60°C Humidity Range O-75% non-condensing  STANDARD FEATURES  Auxiliary Input Microphone Input Live & Record/Play Mic Status Indication LED Status & Mode Controls Remote Control Phone app - wired Optimized for human voice  ORDERING INFORMATION	POWER REQUIREMENTS		
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) (34.3cm H x 31.8cm L x 25.4cm W)  Weight 12lbs 15lbs Flame retardant UV stable composite Standard Color Black (01) 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 -20°C to 60°C United National PEATURES  Auxiliary Input Analog line input Live & Record/Play Mic Status Indication LED Status & Mode Power, Alert, Volume, Mode Power, Alert, Volume Phone app - wired Optimized for human voice ORDERING INFORMATION  Batter 12.5" L x 10.0"W (34.3cm H x 21.5" L x 10.0" W (34.5cm H x 21.5" L x 10.0" W (34.5cm H x 21.5" L x 10.0" W (34.5cm H x 21.5" L x 10.0" W (3	Power	Internal rechargeable battery pack	Internal rechargeable battery pack
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)  Weight  12lbs  Housing Material  Standard Color  Available Upgrade Colors  Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  ENVIRONMENTAL  Ingress Protection  Operating Temperature  -20°C to 60°C  Humidity Range  O-75% non-condensing  Flame input  Analog line input  Live & Record/Play Mic  Status Indication LED  Status & Mode  Controls  Phone app - wired  Optimized for human voice  ORDERING IIFORMATION	Battery Life	15 hours @ duty cycle	8 hours @ duty cycle
Dimensions    13.5"H x 12.5"L x 10.0"W (34.3cm H x 31.8cm L x 25.4cm W) (34.3cm H x 31.8cm L x 25.4cm W) (34.3cm H x 31.8cm L x 25.4cm W)   Weight	Battery Charge Time	4.5 hours	4.5 hours
(34.3cm H x 31.8cm L x 25.4cm W)  Weight  12lbs  15lbs  Flame retardant UV stable composite  Standard Color  Available Upgrade Colors  ENVIRONMENTAL  Ingress Protection  Operating Temperature  -20°C to 60°C  Humidity Range  0-75% non-condensing  STANDARD FEATURES  Auxiliary Input  Microphone Input  Live & Record/Play Mic  Status Indication LED  Status & Mode  Controls  Remote Control  Phone app - wired  Optimized for human voice  (34.3cm H x 31.8cm L x 25.4cm W)  (54.5cm H x 31.8cm L x 25.4cm W)  Flame retardant UV stable composite  Flame retardant UV stable conposite  Flame retardant UV stable conposite  Flame retardant U	PHYSICAL SPECIFICATIONS		
Housing Material Standard Color Black (01) Available Upgrade Colors Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  ENVIRONMENTAL Ingress Protection Operating Temperature Humidity Range O-75% non-condensing O-75% non-condensing  STANDARD FEATURES  Auxiliary Input Microphone Input Live & Record/Play Mic Status Indication LED Status & Mode Controls Power, Alert, Volume, Mode Remote Control Digital Signal Processing ORDERING INFORMATION  Flame retardant UV stable composite Black (01) Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  Red (05), White (06), Gray (04), Red (05), White (06), Gray (06) Red (05), White (06), Gray (06	Dimensions		
Standard Color Available Upgrade Colors Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  ENVIRONMENTAL Ingress Protection IP65, NEMA3R Operating Temperature -20°C to 60°C -20°C to 60°C Humidity Range O-75% non-condensing  STANDARD FEATURES  Auxiliary Input Analog line input Live & Record/Play Mic Status Indication LED Status & Mode Controls Power, Alert, Volume, Mode Remote Control Digital Signal Processing DENVIRONMENTAL  Black (01) Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  -20°C to 60°C -20°C to	Weight	12lbs	15lbs
Available Upgrade Colors  Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  ENVIRONMENTAL  Ingress Protection  Operating Temperature  -20°C to 60°C  Humidity Range  O-75% non-condensing  TANDARD FEATURES  Auxiliary Input  Microphone Input  Live & Record/Play Mic  Status Indication LED  Status & Mode  Controls  Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  Red (05), White (06), Gray (04), Camouflage (07), Prestige (00)  ENVIRONMENTAL  IP65, NEMA3R  -20°C to 60°C  -20°C to 60°C  0-75% non-condensing  Analog line input  Live & Record/Play Mic  Status Record/Play Mic  Status & Mode  Power, Alert, Volume, Mode  Power, Alert, Volume  Phone app - wired  Optimized for human voice  ORDERING INFORMATION	Housing Material	Flame retardant UV stable composite	Flame retardant UV stable composite
Camouflage (07), Prestige (00)  ENVIRONMENTAL  Ingress Protection  IP65, NEMA3R  Operating Temperature  -20°C to 60°C  Humidity Range  O-75% non-condensing  O-75% non-condensing  STANDARD FEATURES  Auxiliary Input  Microphone Input  Live & Record/Play Mic  Status Indication LED  Status & Mode  Controls  Remote Control  Phone app - wired  Optimized for human voice  ORDERING INFORMATION	Standard Color	Black (01)	Black (01)
Ingress Protection Operating Temperature -20°C to 60°C -20°C to 60°C O-75% non-condensing O-75% non-condensing  STANDARD FEATURES  Auxiliary Input Analog line input Live & Record/Play Mic Status Indication LED Status & Mode Controls Remote Control Digital Signal Processing O-75% non-condensing  U-75% non-condensing O-75% non-condensing  Live & Record/Play Mic Live & Record/Play Mic Status & Mode Status & Mode Power, Alert, Volume, Mode Power, Alert, Volume Phone app - wired Optimized for human voice  ORDERING INFORMATION	Available Upgrade Colors		
Operating Temperature  -20°C to 60°C  Humidity Range  0-75% non-condensing  0-75% non-condensing  STANDARD FEATURES  Auxiliary Input  Analog line input  Live & Record/Play Mic  Status Indication LED  Controls  Power, Alert, Volume, Mode  Remote Control  Phone app - wired  Digital Signal Processing  Optimized for human voice  -20°C to 60°C  -20°C to	ENVIRONMENTAL		
Humidity Range 0-75% non-condensing 0-75% non-condensing  STANDARD FEATURES  Auxiliary Input Analog line input Analog line input Live & Record/Play Mic Live & Record/Play Mic Status Indication LED Status & Mode Status & Mode  Controls Power, Alert, Volume, Mode Power, Alert, Volume Phone app - wired Phone app - wired  Digital Signal Processing Optimized for human voice ORDERING INFORMATION	Ingress Protection	IP65, NEMA3R	IP65, NEMA3R
Auxiliary Input Analog line input Analog line input Live & Record/Play Mic Status Indication LED Status & Mode Controls Power, Alert, Volume, Mode Remote Control Phone app - wired Digital Signal Processing Optimized for human voice ORDERING INFORMATION  Analog line input Live & Record/Play Mic Status & Mode Status & Mode Power, Alert, Volume Phone app - wired Optimized for human voice Optimized for human voice	Operating Temperature	-20°C to 60°C	-20°C to 60°C
Auxiliary Input  Microphone Input  Live & Record/Play Mic  Status Indication LED  Status & Mode  Controls  Remote Control  Digital Signal Processing  Analog line input  Live & Record/Play Mic  Status & Mode  Status & Mode  Power, Alert, Volume, Mode  Power, Alert, Volume  Phone app - wired  Optimized for human voice  ORDERING INFORMATION	Humidity Range	0-75% non-condensing	0-75% non-condensing
Microphone Input Live & Record/Play Mic Status Indication LED Status & Mode Controls Power, Alert, Volume, Mode Power, Alert, Volume Phone app - wired Digital Signal Processing Optimized for human voice  ORDERING INFORMATION  Live & Record/Play Mic Status & Mode Power, Alert, Volume Phone app - wired Optimized for human voice Optimized for human voice	STANDARD FEATURES		
Status Indication LED  Status & Mode  Controls  Power, Alert, Volume, Mode  Remote Control  Phone app - wired  Optimized for human voice  ORDERING INFORMATION  Status & Mode  Power, Alert, Volume  Phone app - wired  Optimized for human voice  Optimized for human voice	Auxiliary Input	Analog line input	Analog line input
Controls Power, Alert, Volume, Mode Power, Alert, Volume Remote Control Phone app - wired Phone app - wired Digital Signal Processing Optimized for human voice ORDERING INFORMATION ORDERING INFORMATION	Microphone Input	Live & Record/Play Mic	Live & Record/Play Mic
Remote Control Digital Signal Processing Optimized for human voice ORDERING INFORMATION Phone app - wired Optimized for human voice Optimized for human voice	Status Indication LED	Status & Mode	Status & Mode
Digital Signal Processing Optimized for human voice OPTIMIZED OPTI	Controls	Power, Alert, Volume, Mode	Power, Alert, Volume
ORDERING INFORMATION	Remote Control	Phone app - wired	Phone app - wired
	Digital Signal Processing	Optimized for human voice	Optimized for human voice
Part Number 90199A-801-XX 90199A-802-XX	ORDERING INFORMATION		
	Part Number	90199A-801-XX	90199A-802-XX



## making a difference

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