Portable Loudspeaker System
MN-HSPB

Overview

The MN-HSPB is a self-contained, portable loudspeaker system that weighs a mere 15 lbs. Despite its light weight, the MN-HSPB packs a peak acoustic output of 144dB for an intelligible communication range of more than 2,450 feet (750 m).

The MN-HSPB penetrates high background noise environments to ensure that unmistakable commands and piercing alert tones are heard. Exceeding traditional megaphones and common loudspeakers, the MN-HSPB brings clear and intelligible messages to the intended recipients with an exceptional STI rating of 0.85 out of 1.0.
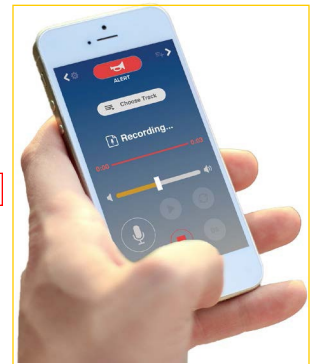
The MN-HSPB is equipped with internal rechargeable batteries and includes a built-in high frequency alert tone that is activated with an easily-accessible on-board pushbutton. Accessories include mounting options, a phone app for remote control capability, and a transit case.

Standard Features

- 144 dB SPL Peak Acoustic Output
- Long Range: 750+ m
- Narrow Acoustic Beam: ±15 Degrees
- Frequency Range: 400Hz-7Khz
- Highly Intelligible Voice Output
- STI: 0.85 out of 1.0
- Built-in High Frequency Alert Tone
- Lightweight Design
- Rugged Composite Construction
- Integrated Record/Play Functionality

Application

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

Specifications

Portable Loudspeaker System	MN-HSPB-S Standard Output	MN-HSPB-H High Output
Acoustic		
Sound Pressure Level (peak)	136dB A-weighted @ 1m	144dB A-weighted @ 1m
Usable Range	400+m	750+m
Beam Width	±15 degrees	
Frequency Range	400Hz-7kHz	
STI (at range)	0.85	
Power Requirements		
Power	Internal rechargeable battery pack	
Battery Life	15 hours @ duty cycle	8 hours @ duty cycle
Battery Charge Time	4.5 hours	
Physical Specifications		
Dimensions	13.5 in H x 12.5 in L x 10.0 in W (34.3 cm H x 31.8 cm L x 25.4 cm W)	
Weight	12lbs	15lbs
Housing Material	Flame retardant UV stable composite	
Color	Black	
Environmental		
Ingress Protection	IP65, NEMA3R	
Operating Temperature	-20 to 60 °C (-4 to 140 °F)	
Humidity Range	0-75% non-condensing	

Ordering Information

MN-HSPB-S	HS Hand Held Portable speaker
MN-HSPB-H	HS Hand Held Port speaker HO (high output)

Accessories

MN-HSPMIC-S	Model S Microphone (replacement)
MN-HSPMIC-H	Model H Microphone (replacement)
MN-HSPMICHS	Wired Boom (Headset) Microphone
MN-HSPSS	Shoulder Strap (Comes with Model H. Use if you want to add to Model S.)
MN-HSPWALL	Wall Charger
MN-HSPLIC	Replacement Line In Cable
MN-HSPACCBAG	Accessory Bag (Comes with Model H. Use if you want to add to Model S.)
MN-HSPCHARGEKIT	Charger Adapter Kits, please specify country when ordering
MN-HSPMP3	MP3 Player
MN-HSPACCPOUCH	Accessory Pocket
MN-HSPSOFTCASE	Soft Case
MN-HSPPHTC	Hard Transit Case
MN-HSPUMMT	Magnetic mount with tripod adaptor
MN-HSPTRIPOD	Tripod for Model S or H