



Portable Loudspeaker System

MN-HSHHPS Series



Description

The MN-HSHHPS Series is a self-amplified, portable hand-held loudspeaker that uses patented HyperSpike® acoustic technology. With a Speech Transmission Index rating of up to 0.85, and sound pressure output of up to 140 dBA-fast peak, these units reproduce some of the clearest and loudest audio signals available for portable units.

Loudspeaker systems are available in 110 Volt (60 Hz) and 230 Volt (50 Hz) models, and have an effective communication range (which varies according to environmental conditions) of 1,600 feet (500 meters) with an acoustic beam pattern of +/- 15 degrees.

Units can be hand-held, tripod-mounted, or bracket-mounted on vehicles such as trucks and mobile carts. They operate on fully-rechargeable, snap-in/snap-out replaceable batteries that can run the unit for up to eight hours of intermittent use. A mounting bracket and one-hour battery charger is included.

Each unit comes with a unique *Say-Then-Play* (STP) microphone system. The user keys the microphone, speaks the message, and releases the microphone switch. The message is then played through the system clearly and without fear of feedback or disorienting echoes. Live paging mode is also available. Messages can be up to 60 seconds long.

A portable MP3 player with an audio library comes with MN-HSHHPS110 units. This can be used with supplied recording optimization software to store and retrieve pre-recorded messages. External audio sources may also be connected to the system.

The MN-HSHHPS is 11.3 inches (28.7 cm) wide, 12.5 inches (31.8 cm) tall and 16.3 inches (41.3 cm) long. It weighs 18 pounds (8.1 kg) with battery.

Standard Features

- Completely portable
- Easy-to-use controls
- Rechargeable
- 250 Hz to 12 kHz frequency response
- Military-grade rugged black carbon-fiber construction
- Built-in high frequency alert tones
- Optimization software included
- 110 Volt (60 Hz) and 230 Volt (50 Hz) versions available



Contact us...

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Typical Applications

The MN-HSHHPS110 units are ideal for 1st responders, crowd control, law enforcement and safety teams for outdoor or large indoor applications including...

- Universities, Colleges & High Schools
- Air fields
- Parking lots
- Stadiums
- Military bases
- Golf Courses
- Large ships
- Camp Grounds
- Industrial complexes
- Amusement parks
- Refineries
- Open mines
- Power plants
- Civil defense

US Military Specifications

| | |
|---------------------|----------------------------|
| Random vibration | MIL-STD 810F, Method 514.4 |
| Shipboard vibration | MIL-STD 167-1A |
| Shipboard shock | MIL-STD-910D, Class 1 |
| SRS shock | MIL-STD-810F, Method 516.5 |
| Rain | MIL-STD-810F, Method 506.4 |
| Operating Humidity | MIL-STD-810F, Method 507.4 |
| Salt fog | MIL-STD-810F, Method 509.4 |
| Safety standard | MIL-STD-1474D |
| EMC Standard | FCC Class A |

Operational Environmental

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|--------------|------------------------------|
| Temperature: | -27F to +122F (-33C to +50C) |
| Humidity: | 0% to 95% (non-condensing) |

Ordering Information

| Catalog Number | Description |
|----------------|---|
| MN-HSHHPS110 | HS Series Hand-held portable amplified loudspeaker system. Comes with rechargeable battery, 110 VAC charger, MP3 player, Record/Play microphone, Carrying Strap, Optimizer Software, Operations Manual. |
| MN-HSHHPS230 | HS Series Hand-held portable amplified loudspeaker system. Comes with rechargeable battery, 230 VAC charger, MP3 player, Record/Play microphone, Carrying Strap, Optimizer Software, Operations Manual. |