



MA-1 High Power Speaker Array

Features

- 138 dB SPL peak acoustic output
- 1.5 mile radius communication range
- Wide frequency range: 125 Hz - 7 kHz, optimized for human voice
- STI rating of 0.91
- 1400 W peak power
- Remote operation capable
- Rapid deployment
- Intelligible live & pre-recorded voice announcements and warning tones

HyperSpike® products are available from Nixalite® of America Inc
www.nixalite.com
P 800.624.1189

With the constant need to alert and inform, the HyperSpike® MA-1 is a battle-tested and battle-proven, 360° Mass Notification System. With an acoustic output of 138 dB, the lightweight MA-1 high power speaker broadcasts live and pre-recorded voice commands and tones to a 7 sq mile area; saving lives, mitigating casualties and minimizing chaos.

Leading the industry in voice intelligibility, the MA-1 speaker design achieves an exceptional STI rating of .91 out of 1.0, ensuring commands are clearly transmitted and heard, even in high noise environments.

Housed in an all-composite, waterproof UV-resistant enclosure, the battle-tested MA-1 has become the trusted mass notification system for the US military's forward operating bases in Afghanistan, and Iraq.

Ideal for rapid deployment, the MA-1 system can go from its road case to fully operational in under five minutes.

The MA-1 is the "clear" choice for alerting and facilitating a response before, during and after an event!

Applications

- Emergency Notification
- Force Protection
- Disaster Relief Alerting
- Temporary Alerting
- Pier-side Alerting
- Military Security
- Campus Security

MA-1 Specifications



Acoustic Specifications:

Sound Pressure Level	138 dB A-weighted @ 1 m
Usable Range ^A	1.0 mile (1.6 km) radius @ 25' (7.6 m) 1.5 mile (2.4 km) radius @ 50' (15.2 m)
Beam Width	360°
Frequency Response	125 Hz - 7 kHz

Power Requirements:

Input Power	100-240 VAC, 50/60 Hz
Power Consumption	1400 W, max., continuous alert tone 700 W, typical, voice message

Physical Specifications

Dimensions - Emitter	13.20" Dia x 25.25" H (33.52 cm Dia x 64.13 cm H)
Weight - Emitter	48 lbs (21.8 kg)
Housing Construction	Composite
Housing Color	Gray (801) Desert Tan (802)

Ordering Information

Model No.

90078A-801

90078A-802

Included with the MA-1

- External amplifier
- Microphone
- MP3 Player
- HS Audio Optimizer software

Mission-Critical Accessories

- Tripod
- Extended Audio cables
- 50' Mast
- MA-1 Emitter protective cover

Environmental^B:

High Temperature Operation	+50°C MIL-STD-810F, Method 501.4
Low Temperature Operation	-33°C MIL-STD-810F, Method 502.4
Random Vibration	MIL-STD 810F, Method 514.4
Shipboard Vibration	MIL-STD-167-1A
Shipboard Shock	MIL-STD-910D, Class I
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

^A Ambient environmental conditions

^B Designed to meet harsh, maritime environmental conditions



Ultra Electronics HyperSpike® products are available from:



Nixalite® of America Inc

1025 16th Ave, E. Moline, IL 61244

www.nixalite.com sales@nixalite.com

P 800.624.1189 F 309.755.0077