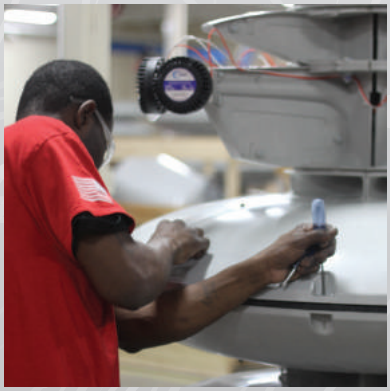
ASC
MASS NOTIFICATION SOLUTIONS

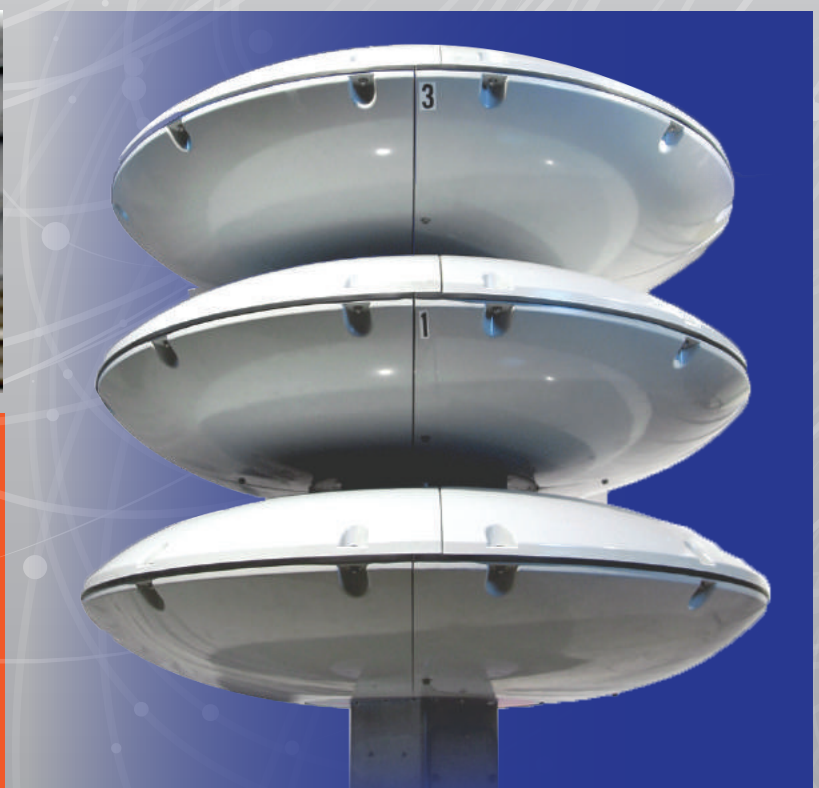
Global Manufacturer and Integrator
of Mass Notification Solutions

i-FORCE | ELECTRONIC SIREN SERIES

The i-FORCE by ASC is designed for community, DOD applications, colleges, universities, industrial, nuclear, petrochemical, or other applications that require high levels of sound pressure level output with superb acoustical performance and brilliant voice notification broadcasting.

The i-FORCE sirens can be activated individually or in dynamic groups from a central point using Ethernet, satellite, radio, cellular or landline. “Locally stored” messages at the sirens greatly enhance intelligibility tones or pre-recorded voice messages. The electronic control decoders are programmable for various tone out protocols. Any of 10 standard or optional customized tones can be activated.





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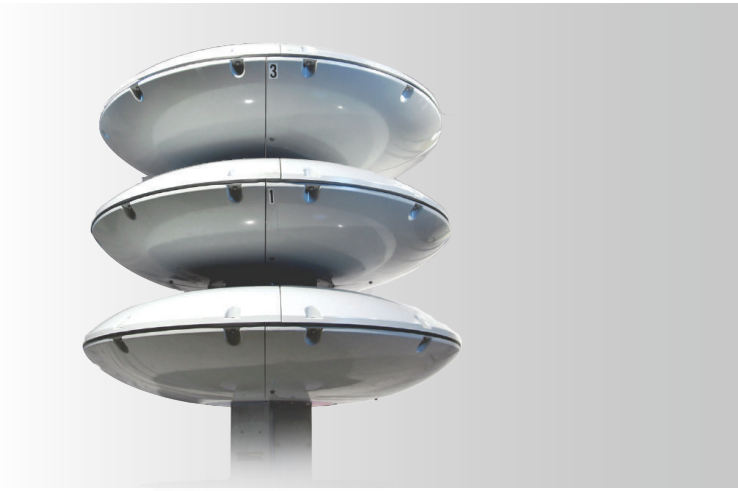
SIREN DESIGN CHARACTERISTICS

Models i-FORCE 1600 & 3200 produce 118 and 126 decibels respectively, tested in free field non-reflective measurement environments with repeatable results. The color-impregnated fiberglass siren horns endure severe weather conditions and will not rust or require painting. The electronic controls have a self-contained, regulated battery charging system that assures full siren operation during AC outages.

The i-FORCE 3200 siren provides a sound pressure level of 70 dB for approximately 1 radial mile, subject to weather conditions.



FEATURES

- Omni-directional HPSA with 360° sound coverage pattern.
- Unmatched Speech Intelligibility designed to target the Dept. of Defense requirements for Mass Notification Systems (UFC4-021-01)
- Pre-recorded and live voice broadcasting / adjustable audio output.
- Silent Testing
- MACROs: Custom tones & prerecorded messages with repeat play.
- Over 35 years of excellence in community alerting and voice notification.

INSTALLATION

For maximum sound dispersion, sirens should be mounted 45' – 55' on a wooden, steel, or concrete pole. A pole mount is available for a standard wooden utility pole. The center mount, low silhouette siren design eliminates the need for support wires. The siren can also be mounted on proper structures such as roofs, towers, etc. Mounting brackets for these applications and additional installation accessories are available from American Signal.

We challenge you to compare our speakers and control systems with any manufacturer's!

ACOUSTICAL CHARACTERISTICS*

Model	Rating
i-FORCE 800	113dB @ 100 ft.
i-FORCE 1600	118dB @ 100 ft.
i-FORCE 2400	121dB @ 100 ft.
i-FORCE 3200	126dB @ 100 ft.
Frequency Response	240-5000Hz
Distortion at 1KHz Max. Output	Less than 1.0%

*Acoustical Characteristics given for omni-directional configurations; will vary for other coverage options

ELECTRICAL

Operating Voltage	24 VDC
Input Current (utility)	10 amp
Battery Charger Voltage (input)	120 VAC

SIZE AND WEIGHT

	i-FORCE 800	i-FORCE 1600	i-FORCE 2400	i-FORCE 3200
Control Cabinet (HxWxD)	24"x24"x8"	24"x24"x8"	36"x24"x8"	36"x24"x8"
Battery Cabinet (HxWxD)	24"x24"x8"	24"x24"x8"	24"x24"x8"	24"x24"x8"
Siren Dimensions (HxDia)	40"x52"	56"x52"	72"x52"	88"x52"
HPSA Head	340 lbs	480 lbs	640 lbs	790 lbs

All information and specifications are subject to change without notice, and may contain typographical or other errors.