

HIGH POWERED E-Class



We challenge you to compare our sirens & control systems with any manufacturer's!

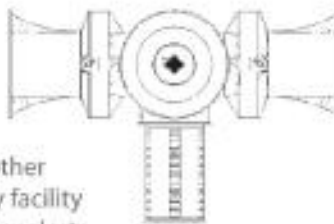
The latest in innovative emergency notification products from ASC. Developed with over 25 years of alerting and voice notification experience, the E-Class is a high powered configurable speaker array.

The E-Class high powered speaker array is fully configurable for a wide range of alert signal tones as well as highly intelligible pre-recorded or live voice directions for community, industry, education or DOD Mass Notification applications.

ASC can also provide all electronic control components such as the Siren Control, (Telephonic - or - Radio - or Satellite) Decoder (optional), and Power Service Disconnect pre-wired at the factory. This factory wiring maximizes efficiency and accuracy, resulting in reduced installation time and cost.

Siren Design Characteristics

The E-Class series of Emergency alerting products are used for the notification of the public or staff/personnel during severe weather situations, hazardous material incidents, and other disaster scenarios including military facility attack, terrorism incidents and amber alerts.



The E-Class has been designed based on requirements of the DOD's UFC for Mass Notification Systems.

Customize our systems to your specifications

The E-Class can be connected to your personal computer and monitored from anywhere with the addition of one of our CompuLert™ graphic user interface options. Our expert team can custom create an Early Warning or Mass Notification System to suit your specific needs and maximize life saving potential.



Learn more at:

www.psecollc.com

FEATURES

- Pre-recorded messages Mass Notification, Music, Bugle Calls, Live PA
- Highly configurable for directional or Omni-directional sound propagation
- 400 Watts per Horn Spun Aluminum Speaker Horns with high-tech powder coating to resist harsh environments
- Stackable Speaker Array
- Standard or custom tone selection
- Silent Test feature facilitates regular testing while minimizing disruption to the community
- Battery Operated with Solar Option available
- Fully integrated wired and wireless control and status monitoring
- Maintenance free siren array



**AMERICAN
SIGNAL CORPORATION**

HIGH POWERED E-CLASS

SYSTEM SPECIFICATIONS

Acoustical Characteristics	Rating
EC-1 400W horn (90°) (1) direction	121dB (c)
EC-2 800W horn (180°) (1) level	121dB (c)
EC-3 1200W horns (270°) (1) level	121dB (c)
EC-4 1600W horns (360°) (1) level	121dB (c)
EC-5 2000W horns (multiple config.)	121-126 dB (c)
EC-6 2400W horns (multiple config.)	121-126 dB (c)
EC-7 3000W horns (multiple config.)	121-126 dB (c)
EC-8 3200W horns (360°) (2) levels	126 dB (c)

Electrical	
Duty Cycle	30min
Battery Standby Duration	21 days
Operating Voltage	24 VDC
Input Current (Utility)	10 amp
Battery Charger Voltage (Input)	120 VAC

Environmental	
Operation Temperature	-40°C to 60°C
Storage Temperature	-60°C to 125°C
Humidity	0%-100% (non-condensing)
Wind Speed	140 Mph

Size and Weight	EC 1-4	EC 5-8
Control Cabinet with Battery	48"x24"x8"	60"x24"x8"
Siren Dimensions (HxDia)	22"Hx53"Dia	44"Hx53"Dia
Siren Weight	225lbs	370lbs
Control Weight	200lbs	220lbs

SIGNAL FORMATS

FREQUENCY OF OPERATION

SWEEP RATE

ALERT	steady tone	3 minutes
ATTACK	tone ramping up & down, 05 up & 05 down	6 sec. up 5 sec. down for 3 min.
HI/LO	tone alternating with a 740 Hz tone	0.75 sec duration per tone for 3 min.
AIR-HORN	on/off tone	2 sec. on, 2 sec. off for 3 min.
FIRE	tone ramping up & down, minimum during down ramp	16 sec. up, 8 sec. down for 1.3 min.
HAZARD	tone ramping up	1 sec. repeating for 3 min.
CHIME	tone bursts	2 sec. intervals of 6 cycles
WAIL	tone ramping down, then back up	0.8 sec. down, 0.2 sec. up, for 3 min.



E-Class 1600 Watt Control System



E-Class 3200 Watt Control System

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.

PROGRAMMING

The 6 custom programmable tones can be software programmed to generate almost any tone or tone sequence. MACROs, customized tones and pre-recorded messages in repeat play cycles, and new tones, can be programmed as your needs change.