

Fire, Disaster Warning, Industrial Alarm Sirens and Military Base Systems

The control cabinet EOWS[®]C/B contains a diagnostic testing circuit that allows system checkout without alarming the public, a command verification digital counter, signal length timer adjustable from two to five minutes, signal generators, amplifiers, automatic battery charger, speaker position control circuitry, and manual siren controls in a NEMA 4 enclosure. It will operate in a temperature range from -35°C to +75°C.

The maintenance-free battery cabinet contains two lead-calcium deep-cycle, rechargeable batteries within a NEMA 3R enclosure. The batteries have a reserve capacity to operate even the largest system a minimum of 30 minutes.

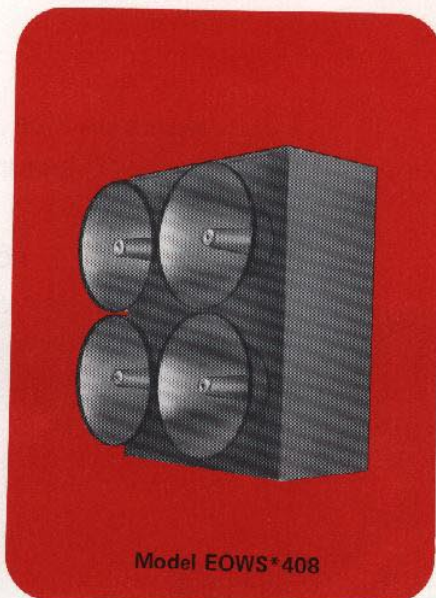
Rotating high-power speaker models use highly-reliable freeze- and rust-resistant mechanisms developed for rotating signs, designed to eliminate rotator damage, and to provide smooth, continuous stall-free rotation and automatic incremental speaker positioning for PA announcements. They have no dangling interconnect cables. Re-entrant speakers provide maximum protection from the elements for the high-power speaker drivers.

The entire SiraTone system complies with tough 10 CFR 50 quality standards. It is preassembled, prewired and pretested at the plant, shipped ready for installation. Mean time to repair is estimated at 20 minutes. Hardware is provided for either universal pole-mounting or for flat-surface mounting.

Note: Dispersion angles are important when considering rotating sirens. Too narrow a pattern with a high rotational speed may not provide a recognizable outdoor warning signal; listening time is drastically reduced. Greater horizontal dispersion angles give those alerted more time to hear, interpret, and react to the warning signal.

EOWS Control Equipment

Models EOWS[®]*115 and 812 use the EOWS[®]*C/B control unit; Model EOWS[®]*408 uses the EOWS[®]*C/B4 control unit. SiraTone radio-activated control with either two-tone sequential or dual-tone multiple-frequency tone scheme is optional, as are the TRC[®]*1020 telephone relay and PS power supply for leased lines on all models.

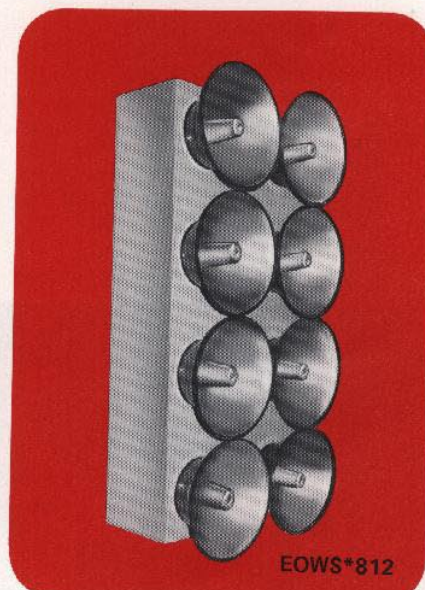


Model EOWS*408

SiraTone Model EOWS[®]*408 provides 128 dB(c) at 100 feet. A rotating four-speaker array concentrates total signal output in one direction for long-throw wide-area coverage, sweeping through approximately four times the area that Model EOWS[®]*115 would cover. A dual-tone signal provides a 60° horizontal angle of dispersion at 700 hz; a single-tone signal provides a 40° horizontal angle of dispersion.

Mobile SiraTone[®]

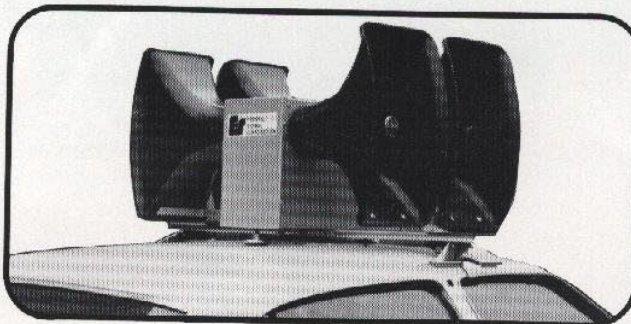
SiraTone Model EOWS[®]*M12 is designed for mounting on a vehicle so that siren warning signals and public address announcements may be made from multiple locations, even while the vehicle is in motion. The siren produces a maximum sound pressure level of 123 dB at a dis-



EOWS*812

SiraTone Model EOWS[®]*812 provides 132 dB(c) at 100 feet. A rotating eight-speaker array has the same horizontal directional capabilities of Model EOWS[®]*408 but increases the area of coverage.

tance of ten feet. Produces six different dual-tone warning signals, plus one auxiliary tone of your choice. The EOWS[®]*C/M12 control console, situated within the driver's reach, contains the microphone provided, speaker cable and connector, and quick-connect power cable.



EOWS*M12