

Press information

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Marine/harsh environment combined sounder and beacon

Released 7 May 2003

Sealed to IP66 or IP67 to give total protection against the entry of dust and protection against immersion in one metre of water for 30 minutes, the new MCA112-05 combined sounder and beacon unit from European Safety Systems, E2S, produces a maximum 119dB(A) audible warning reinforced with a 5 Joule flashing visual alarm for use in outdoor, marine and other demanding ambient conditions. The sounder and beacon can be operated independently or in unison; the sounders provide a user-selectable choice of 45 different tones, each of which can be assigned to any one of three stages, giving more than four million potential combinations. On two-wire multiple unit systems, the devices are automatically synchronised to avoid interference problems between adjacent units. Beacons on the same wiring loop are synchronised to flash together to provide the clearest possible warning; alternatively, two beacons can be made to "flip-flop", flashing alternately. Six different lens colours are available.

The units operate from 12, 24 or 48VDC for use in fire, security and telecoms systems; mains-powered devices operate from either 115 or 230VAC; both the sounder and the beacon are highly efficient, minimising current consumption. The horn and body are manufactured from UL94-5VA rated high impact ABS and the ratcheted mounting 'U' bracket from stainless steel.

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Notes to Editors.

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European Safety Systems specialise in the design and manufacture of a wide range of Intrinsically Safe and Explosion Proof high performance sounders, strobes and beacons, including unique intelligent annunciation and audio messaging devices employing direct analogue signal storage on silicon technology.