PRESS RELEASE

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**E2S majors on UL464 and UL1638 approved warning signals at NFPA 2022**

On Booth 543, E2S will be exhibiting their new UL464 and UL1638 approved warning signals for use in fire and gas detection systems suitable for hazardous areas, industrial, marine and harsh environments.

The [D1xS2H](https://www.e2s.com/product/13482) is housed in a Type 4/4X, IP66 marine grade, corrosion proof aluminum enclosure. Featuring sound output levels up to 127 dB(A) and 64 alarm tones, each of the 4 stage/channels can be remotely activated. Auto-synchronized on multi-alarm horn systems, the Class D amplification provides the highest sound pressure level available for Class I Division 1 notification with a choice of two power modes. The threaded flameproof joint, multiple cable entries and duplicated, pluggable termination simplifies both installation and routine maintenance. The 24Vdc version is approved to UL464 for public mode fire alarm use and the 100-240Vac version for general signaling use. They are SIL1 compliant to IEC 61508 (2010). The D1xS2H also carries global approvals: UL, cUL and ULC for Class I Div 1, Zone 1, IECEx and ATEX Zone 1, 2, 21 and 22 for use in hazardous area explosion proof signaling applications.

The [AlertAlarm horn sounder](https://www.e2s.com/products/fire-and-industrial/family/rn060) range is globally approved for fire, marine and general signaling applications. Featuring 64 alarm tone frequencies and 4 remotely activated stages/channels, it is approved to UL464 and EN54-3. The associated combined audible and visual signals from the [AlertAlight range](https://www.e2s.com/products/fire-and-industrial/family/rn070) are approved to UL464, UL1638, EN54-3 and EN54-23. The AlertAlarm and AlertAlight family are available in four physical sizes with outputs from 110 to 124dB(A). Their flame-retardant ABS and PC enclosures are lightweight and impact resistant. Low current consumption and high SPL in an outdoor rated enclosure ensure suitability for all applications including fire, security and process control. The AlertAlight beacons are available with Xenon or LED light sources.

Details of the conference and exhibition can be found at: [www.nfpa.org/conference](file:///C%3A%5CUsers%5CUser%5CDocuments%5CWords%5CE2S%5Cwww.nfpa.org%5Cconference)

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**Notes to Editors.**

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E2S is the world’s leading independent signaling manufacturer. Based in West London, England the company designs and manufactures a comprehensive range of signaling products for industrial, marine and hazardous area environments. E2S products are available globally via their distribution network, details of distributors are available on the company’s website. Additionally, E2S has a dedicated distribution hub in Houston, Texas for local product distribution and technical support.

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