



# PRESS RELEASE

To download a 300dpi print quality image, go to [www.parkfield.co.uk/e2s/d112-vds-print.jpg](http://www.parkfield.co.uk/e2s/d112-vds-print.jpg)

To download a Word file of the text, go to [www.parkfield.co.uk/e2s/d112-vds-uk.doc](http://www.parkfield.co.uk/e2s/d112-vds-uk.doc)

To view all E2S press information, go to [www.parkfield.co.uk/e2s](http://www.parkfield.co.uk/e2s)

## **VdS approval for rugged metal enclosure fire system horn sounders**

**Released 15 December 2014**

E2S Warning Signals has gained VdS approval and CPR compliance to directive 305/2011/EU for its AlertAlarm D112 alarm horn sounder by testing to EN54-3. It combines the field-proven electronics of its AlertAlarm A Series with a robust, corrosion resistant marine grade LM6 aluminium alloy enclosure, giving greater mechanical and UV protection. The D112 has a maximum SPL of 119 dB(A) @ 1m at the nominal 24VDC fire alarm system operating voltage; the CPR compliance is valid for operation from 18 – 30VDC. The 48VDC version is also compliant. The VdS approval covers the five most commonly used fire alarm warning tones and also confirms that the units operate to specification under conditions of dry and damp heat, cold, shock and vibration. The aluminium enclosure complies with Type B environmental category making it suitable for outdoor installation, and so supporting the extension of a fire detection system into areas beyond the relatively benign office environment, improving safety. Other tests include EMC, SO<sub>2</sub> corrosion resistance and dust and water ingress.

UL approved versions for general signalling use are also available. For this version, the aluminium enclosure is sealed to IP66, NEMA Type 4, 4X and 3R.

For use in a wide range of signalling applications, the AlertAlarm D112 offers a choice of 45 different alarm tones, and with the option of activating a second and third tone via additional control cables, it is a cost effective, sophisticated signalling solution providing the versatility of multiple tones from a single unit. It is also available as part of the DL112X, in which the horn sounder is integrated with a 5 Joule Xenon strobe, or as the DL112H combination unit, where the horn sounder is combined with a high output 24-unit LED array beacon.

E2S has more than 20 years experience in designing and manufacturing a comprehensive range of sounders, beacons, loudspeakers, voice alarms and disaster sirens for the oil & gas, hazardous area, industrial and marine markets.

\*\*\* Ends: body copy 322 words \*\*\*

**Notes to Editors.**

For all follow-up enquiries, please contact:

Nigel May  
Parkfield Communications Limited  
Parkfield House  
Damerham  
SP6 3HQ  
Great Britain  
Tel: + 44 (0)1725 518321  
Fax: + 44 (0)1725 518378  
[nigel.may@parkfield.co.uk](mailto:nigel.may@parkfield.co.uk)  
[www.parkfield.co.uk](http://www.parkfield.co.uk)

E2S is the world's leading independent signalling manufacturer. Based in West London, England the company designs and manufactures a comprehensive range of signalling 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.

E2S Warning Signals  
Impress House  
Mansell Road  
London  
W3 7QH  
Great Britain  
Tel: + 44 (0)20 8743 8880  
Fax: + 44 (0)20 8740 4200  
[sales@e2s.com](mailto:sales@e2s.com)  
[www.e2s.com](http://www.e2s.com)