PRESS RELEASE

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**E2S introduces new versions and upgraded electronics for its hazardous area alarm sounders**

The GRP corrosion resistant GNEx and the stainless steel STEx alarm sounder families from E2S have been further extended with the addition of new ultra-high output versions. In addition, all models in both families now feature upgraded electronics, which uses high efficiency Class D amplifier technology to deliver a higher sound output at lower current than the previous generation.

The new [GNExS2H](https://www.e2s.com/product/13478-gnexs2h-alarm-horn-sounder) and [STExS2H](https://www.e2s.com/product/13479-stexs2h-alarm-horn-sounder) generate an industry-leading maximum sound output level of 127dB(A) at 1 metre, offering a unique solution for harsh and hazardous environments with high ambient noise levels, or in quieter environments, generating an effective audible warning over larger areas.

The other main variants in the GNEx and STEx families are the [GNExS1F](https://www.e2s.com/product/13117-gnexs1f-alarm-horn-sounder) and [STExS1F](https://www.e2s.com/product/13314-stexs1f-alarm-horn-sounder) short flare horn versions producing up to 115dB(A) SPL with a maximum current consumption of only 221mA and the [GNExS1R](https://www.e2s.com/product/13119-gnexs1r-alarm-horn-sounder) and [STExS1R](https://www.e2s.com/product/13346-stexs1r-alarm-horn-sounder) compact omnidirectional radial horn versions with a SPL of up to 113dB(A). The [GNExS2F](https://www.e2s.com/product/13118-gnexs2f-alarm-horn-sounder) and [STExS2F](https://www.e2s.com/product/13343-stexs2f-alarm-horn-sounder) long flare versions now feature two user-selectable power modes, enabling a choice between the standard 120dB(A) SPL or the high output 123dB(A) SPL.

All versions feature 64 alarm tones and four alarm stages/channels that can be remotely activated via common positive or negative switching. New cabling configurations permit both reverse and standard polarity line monitoring across multiple alarm stages. All versions are now tropicalised, enabling them to be installed in up to 99% humidity, and all mounting brackets are now A4 316 stainless steel as standard.

The GNEx range is approved to IECEx, ATEX, Ex EAC and INMETRO for all Zone 1 applications and the STEx range is IECEx, ATEX, Ex EAC, INMETRO and DNV approved for Zone 1, 2, 21 and 22 applications.

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**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

[nigel.may@parkfield.co.uk](mailto:nigel.may@parkfield.co.uk)

[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)

[e2s.com](http://www.e2s.com)