## **DECLARATION OF PERFORMANCE**

Manufacturer: European Safety Systems Ltd.
Impress House, Mansell Road, Acton

London, W3 7QH, UK



Equipment Type: D1xS1FDC024\*\*\*A1R & D1xS1FDC024\*\*\*A1G

Electronic Sounder

Intended Use: Fire Safety (Fire Detection and Fire Alarm Systems – Alarm

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Devices – Sounders, installed in and around buildings)

System of Assessment and

Verification of Constancy of Performance:

Notified Body for EC type Examination and Factory BRE Global Assurance (Ireland) Ltd

Production Control: Notified Body No.: 2831

DCU Alpha, Old Finglas Road, Glasnevin

Dublin 11 D11 KXN4 Ireland

EC-type Examination Certificate: 2831-CPR-F4858

Notified Body for UKCA Examination and Factory Production

Control:

BRE Global Ltd

Notified Body No.: 0832

Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX

UKCA Examination Certificate: 0832-UKCA-CPR-F1782

**Standards:** EN 54-3:2001 / A1:2002 / A2:2006 Units tested to EN 54-3:2014 / A1:2019

## **Declared Performance:**

Essential Characteristics	Performance	Standard
Performance parameters under fire conditions - Sound level - Frequencies and sound pattern - Reproducibility - Operational Performance - Attention drawing signal and message broadcast sequences - Synchronisation - Broadcast message performance - Attention drawing signal/silence/message sequence timing - Message synchronisation testing	Pass Pass Pass Pass Not applicable Not applicable Not applicable Not applicable Not applicable	EN 54-3:2001 / A1:2002 / A2:2006 Clause 4.2 Clause 4.3 Clause 5.2 Clause 5.3 Clause C.3.1 Clause C.3.2 Clause C.5.1 Clause C.5.2
Operational reliability - Durability - Construction - Marking and data - Durability - General testing	Pass Pass Pass Pass Not applicable	EN 54-3:2001 / A1:2002 / A2:2006 Clause 4.4 Clause 4.5 Clause 4.6 Clause 5.4 Clause C.4
Durability of operational reliability, temperature resistance  - Dry heat (operational)  - Dry heat (endurance)  - Cold (operational)  - Damp heat. Cyclic (operational)  Damp heat, steady state (endurance) Durability of operational reliability, humidity resistance  - Damp heat, cyclic (operational)  - Damp heat, steady state (endurance)  - Damp heat, cyclic (endurance)  Durability of operational reliability, corrosion resistance  - Sulphur dioxide (SO2) corrosion (endurance)  Durability of operational reliability, shock and vibration resistance  - Shock (operational)  - Impact (operational)  - Vibration, sinusoidal (operational)  - Vibration, sinusoidal (endurance)  Durability of operational reliability, electrical stability  - Electromagnetic compatibility (EMC), immunity	Pass Pass Pass Pass Pass Pass Pass Pass	EN 54-3:2001 / A1:2002 / A2:2006 Clause 5.5 Clause 5.6 Clause 5.7 Clause 5.8 Clause 5.9 Clause 5.9 Clause 5.10 Clause 5.11 Clause 5.12 Clause 5.13 Clause 5.14 Clause 5.15 Clause 5.16
Electromagnetic compatibility (EMC), immunity (operational)  Durability of operational reliability, resistance to ingress     Enclosure protection	Pass	Clause 5.16 Clause 5.17

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## **DECLARATION OF PERFORMANCE**

European Safety Systems Ltd. Impress House, Mansell Road, Acton Manufacturer:

London, W3 7QH, UK



The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

**Martin Streetz** 

Quality Assurance Manager

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