DECLARATION OF PERFORMANCE

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Manufacturer:	European Safety Systems Ltd. Impress House, Mansell Road, Acto London, W3 7QH, UK	n VIIII Signals	
Equipment Type:		A112NDC024, A121DC024 Electronic Sounder	
Intended Use:		Fire Safety (Fire Detection and Fire Alarm Systems – Alarm Devices – Sounders, buildings)	
System of Assessment and Verification of Constancy of	Performance:	1	
Notified Body for EC type Ex Production Control:	amination and Factory	UL International (Netherlands) B.V. Notified Body No.: 2821 Westervoortsedijk 60 6827 AT ARNHEM Netherlands	
EC-type Examination Certificate:		2821-CPR-0108	
Notified Body for UKCA Examination and Factory Production Control:		UL International (UK) Ltd. Notified Body No.: 0843 Unit 1-3 Horizon Kingsland Business Park, Wade Road, Basingstoke, Hampshire RG24 8AH UK	
UKCA Examination Certifica	te:	0842-CPR-1006	
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		EN 54-3:2001 / A1:2002 / A2:2006
- Sound level	Pass	Clause 4.2
 Frequencies and sound pattern 	Pass	Clause 4.3
- Reproducibility	Pass	Clause 5.2
- Operational Performance	Pass	Clause 5.3
 Attention drawing signal and message broadcast sequences 	Not applicable	Clause C.3.1
- Synchronisation	Not applicable	Clause C.3.2
- Broadcast message performance	Not applicable	Clause C.5.1
 Attention drawing signal/silence/message sequence timing 	Not applicable	Clause C.5.2
 Message synchronisation testing 	Not applicable	Clause C.5.3
Operational reliability		EN 54-3:2001 / A1:2002 / A2:2006
- Durability	Pass	Clause 4.4
- Construction	Pass	Clause 4.5
 Marking and data 	Pass	Clause 4.6
- Durability	Pass	Clause 5.4
- General testing	Not applicable	Clause C.4
Durability of operational reliability, temperature resistance		EN 54-3:2001 / A1:2002 / A2:2006
- Dry heat (operational)	Pass	Clause 5.5
- Dry heat (endurance)	Pass	Clause 5.6
- Cold (operational)	Pass	Clause 5.7
- Damp heat. Cyclic (operational)	Pass	Clause 5.8
Damp heat, steady state (endurance) Durability of operational reliability, humidity resistance	Pass	Clause 5.9
- Damp heat, cyclic (operational)	Pass	Clause 5.8
- Damp heat, steady state (endurance)	Pass	Clause 5.9
- Damp heat, cyclic (endurance)	Pass	Clause 5.10
Durability of operational reliability, corrosion resistance		
- Sulphur dioxide (SO2) corrosion (endurance) Durability of operational reliability, shock and vibration resistance	Pass	Clause 5.11
- Shock (operational)	Pass	Clause 5.12
- Impact (operational)	Pass	Clause 5.13
- Vibration, sinusoidal (operational)	Pass	Clause 5.14
- Vibration, sinusoidal (endurance)	Pass	Clause 5.15
Durability of operational reliability, electrical stability		
 Electromagnetic compatibility (EMC), immunity (operational) 	Pass	Clause 5.16
Durability of operational reliability, resistance to ingress		
- Enclosure protection	Pass	Clause 5.17

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Manufacturer:

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

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Martin Streetz Quality Assurance Manager

Date and Place of Issue: Document No: Issue: London, 22/06/2021 2821-CPR-0108 C