

Declaration of Performance Reference

XE-230-DOP-UK

1. Unique Product Identification Code

10-230

2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11 (4) of the CPR

**10-230 Wi-Fyre Xenos Wireless Sounder VAD Base, Black, White Flash
Operating Frequency Band: 868 MHz**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer

For use in compatible fire detection and alarm system

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11 (5)

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5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in article 12 (2)

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V

System 1

7. In case of the declaration of performance concerning a construction product covered by harmonized standard

**EN54-3:2001 + A1:2002 + A2:2006
EN54-23:2010
EN54-25:2008 + AC:2012**

IMQ S.p.A., N.B. No. 0051, performed the necessary initial inspection of the manufacturing plant and the factory production control together with ongoing continuous surveillance and issued the certificate confirming constancy of the conformity of the factory production control

10-230 0051-CPR-3067

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued

N/A

9. Declared Performance

ESSENTIAL CHARACTERISTICS	CLAUSES	PERFORMANCE	HARMONISED STANDARD
Performance parameters under fire conditions	4.2, 4.3, 5.2, 5.3	PASS	EN54-3:2001 + A1:2002 + A2:2006
Operational reliability	4.4, 4.5, 4.6, 5.4	PASS	
Durability of operational reliability, temperature resistance	5.5, 5.7, 5.8, 5.9	PASS	
Durability of operational reliability, humidity resistance	5.8, 5.9	PASS	
Durability of operational reliability, corrosion resistance	5.11	PASS	
Durability of operational reliability, shock and vibration resistance	5.12 to 5.15	PASS	
Durability of operational reliability, electrical stability	5.16	PASS	
Durability of operational reliability, resistance to ingress	5.17	PASS	

ESSENTIAL CHARACTERISTICS	CLAUSES	PERFORMANCE	HARMONISED STANDARD
Performance parameters under fire conditions	4.1, 4.2.2, 5.2, 8.3.7	PASS	EN54-25:2008 + AC:2012
Response delay (response time to fire)	8.2.3, 8.2.6	PASS	
Operational reliability	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6	PASS	
Durability of operational reliability, temperature resistance	8.3.9, 8.3.10, 8.3.11	PASS	
Durability of operational reliability, vibration resistance	8.3.16, 8.3.17 to 8.3.19	PASS	
Durability of operational reliability, humidity resistance	8.3.13, 8.3.14	PASS	
Durability of operational reliability, corrosion resistance	8.3.15	PASS	
Durability of operational reliability, electrical stability	8.3.20	PASS	

ESSENTIAL CHARACTERISTICS	CLAUSES	PERFORMANCE	HARMONISED STANDARD
Operational reliability: Duration of operation Provision for external conductors Flammability of materials Enclosure protection Access Manufacturer's adjustments On-site adjustment of behaviour Requirements for software controlled devices	4.2.1 4.2.2 4.2.3 4.2.4 4.2.5 4.2.6 4.2.7 4.2.8	PASS	EN54-3:2010
Performance parameters under fire condition: Coverage volume Variation of light output Minimum and maximum light intensity Light colour Light temporal pattern and frequency of flashing Marking and data Synchronization (option with requirements)	4.3.1 4.3.2 4.3.3 4.3.4 4.3.5 4.3.6 4.3.7	PASS	
Durability: Temperature resistance: Dry heat (operational) Dry heat (endurance) Cold (operational) Humidity resistance: Damp heat, cyclic (operational) Damp heat, steady state (endurance) Damp heat, cyclic (endurance) Shock and vibration resistance: Shock (operational) Impact (operational) Vibration (operational) Vibration (endurance) Corrosion resistance: SO2 corrosion (endurance) Electrical stability: EMC, immunity (operational)	4.4.11 4.4.12 4.4.13 4.4.2.1 4.4.2.2 4.4.2.3 4.4.3.1 4.4.3.2 4.4.3.3 4.4.3.4 4.4.4 4.4.5	PASS	

10. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in the point 9. This declaration is issued under the sole responsibility of the manufacturer identified in point 4

Signed on behalf of Eurofyre Limited

Mark Redfearn | General Manager