ic audio GmbH

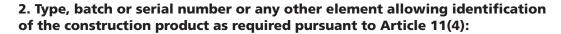
DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

N° 004-13

1. Unique Product identification code:

SAA-LS04



Art.No.	Туре	Description
20102195	DL-A 10-165/T-EN54	Metal ceiling speaker, surface-mounted version, RAL 9010, with thermal fuse, ceramic block and waterproofed speaker, certified EN 54-24
20102196	DL-A 10-200/T-EN54	Metal ceiling speaker, surface-mounted version, RAL 9010, with thermal fuse, ceramic block and waterproofed speaker, certified EN 54-24

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

Fire detection and fire alarm systems – Part 24: Components of voice alarm systems – Loudspeakers; EN 54-24:2008

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

ic audio GmbH Boehringerstraße 14a D-68307 Mannheim

Germany

Fon: + 49 (0) 6 21 / 77 09 6 - 0 Fax: + 49 (0) 6 21 / 77 09 6 - 26

E-Mail: info@ic-audio.com

www.ic-audio.com

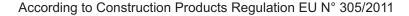
ic audio GmbH Boehringerstraße 14a D-68307 Mannheim Germany Fon: + 49 (0) 6 21 / 77 09 6 - 0 Fax: + 49 (0) 6 21 / 77 09 6 - 26 E-Mail: info@ic-audio.com www.ic-audio.com 10.06.2013

Heinz Pfannenschmidt Managing Director

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DECLARATION OF PERFORMANCE





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

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product:

System 1

7. Declaration of performance concerning a construction product covered by the harmonized standard:

Jednostka Certyfikująca | Certification Department Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej Państwowy Instytut Badawczy (CNBOP-PIB) ul. Nadwiślańska 213, 05-420 Józefów, Poland tel: (+48) 22 76 93 319, (+48) 22 76 93 345 fax: (+48) 22 76 93 356

performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control and issued the EC certificates of conformity:

EC Certificate of Conformity 1438/CPD/0232



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

Not applicable, see item 7

9. Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

10.06.2013

Heinz Pfannenschmidt

Managing Director

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ic audio GmbH

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011



Essential characteristics	Performance	Harmonized technical specification
		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Scattering (frequency range / sensitivity)	passed	Loudspeakers; EN 54-24:2008, Section 5.2
3 1 3 3 37		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Nominal impedance	passed	Loudspeakers; EN 54-24:2008, Section 5.3
'		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Horizontal and vertical dispersion angle	passed	Loudspeakers; EN 54-24:2008, Section 5.4
·	<u> </u>	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Maximum sound pressure level	passed	Loudspeakers; EN 54-24:2008, Section 5.5
		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Nominal noise performance (durability)	passed	Loudspeakers; EN 54-24:2008, Section 5.6
, , , , , , , , , , , , , , , , , , ,		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Dry heat (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.7
	passes	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Dry heat (endurance)	passed	Loudspeakers; EN 54-24:2008, Section 5.8
		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Cold (in operation)	passed	Loudspeakers; EN 54-24:2008, Section 5.9
(passes	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Damp heat, cyclic (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.10
		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Damp heat, steady state (endurance)	passed	Loudspeakers; EN 54-24:2008, Section 5.11
		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Damp heat, cyclic (fatigue test)	passed	Loudspeakers; EN 54-24:2008, Section 5.12
, , , , , , , , , , , , , , , , , , ,		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Sulfur dioxide (SO2) corrosion (endurance)	passed	Loudspeakers; EN 54-24:2008, Section 5.13
	<u> </u>	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Shock (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.14
1: 2/	·	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Impact (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.15
<u> </u>	<u> </u>	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Sinusoidal vibration (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.16
\	<u>'</u>	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Vibration, sinusoidal (endurance)	passed	Loudspeakers; EN 54-24:2008, Section 5.17
()		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Enclosure testing	passed	Loudspeakers; EN 54-24:2008, Section 5.18
<u> </u>		, ,

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

10.06.2013

Heinz Pfannenschmidt Managing Director

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