## ic audio GmbH

#### **DECLARATION OF PERFORMANCE**

According to Construction Products Regulation EU N° 305/2011

### According to Construction Froducts (regulation Ed IV 303/20

1. Unique Product identification code:

SAA-LS33

N° 20-33

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):



Art.No.	Type	Description	
20205426		Hemi-sphere speaker, 2-way-system, bassreflex, 20 watts (100V & 80hms), RAL 9016, ABS,	
		with thermal fuse, ceramic block, certified EN 54-24, BS 5839 compliant, IP65,1438-CPR-0766	

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):

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Germany

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E-Mail: info@ic-audio.com

www.ic-audio.com

17.04.2021

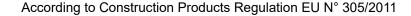
Heinz Pfannenschmidt Managing Director

to make people listen...

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@io-audio.com www.ic-audio.com

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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

Certificate of constancy of performance: 1438-CPR-0766



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.

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Managing Director

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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
		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
		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
	no	Fire detection and fire alarm systems –
	performance	Part 24: Components of voice alarm systems –
Dry heat (endurance)	determined	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
		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
	no	Fire detection and fire alarm systems –
	performance	Part 24: Components of voice alarm systems –
Damp heat, cyclic (fatigue test)	determined	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
, , , , , , , , , , , , , , , , , , , ,		Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Shock (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.14
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u>'</u>	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Impact (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.15
		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
(	F	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
ribidion, omdorida (ondaranoo)	paoooa	Fire detection and fire alarm systems –
	1	Part 24: Components of voice alarm systems –
Enclosure testing	passed	Loudspeakers; EN 54-24:2008, Section 5.18
	paooca	

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.

17.04.2021

Heinz Pfannenschmidt Managing Director

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