ic audio GmbH

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

ic audio

N° 01T-15

1. Unique Product identification code:

SAA-TH01

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	
20205416	LTH 100 - FN54	Boundary horn speaker for Voice Alarm, 100W, black, ABS, certified EN 54-24, BS 5839 compliant, IP66, 1438-CPR-0481	
20205822	LTH- 100- WH	TH- 100 mounting brackets for Voice Alarm, 4 pieces, made of stainless steel (1.4401, AISI 316), 1438- CPR- 0481	
20194757	TH- 100- PH	TH- 100 premium mounting kit for Voice Alarm, made of stainless steel (1.4401, AISI 316), 1438- CPR- 0481	

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

30.08.2023

Heinz Pfannenschmidt

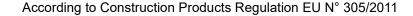
Managing Director

to make people listen...

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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-0481



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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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)		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
•	<u> </u>	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
(F	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
(-pg)	, , , , , , , , , , , , , , , , , , ,	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
2. j nout (chauranss)	passoa	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
	F	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
	F	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
	F	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Shock (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.14
(000.00.09)	passou	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Impact (operating)	passed	Loudspeakers; EN 54-24:2008, Section 5.15
1 (-F-:3/	1	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
Chiacona vibration (operating)	passed	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
violation, omasoidal (chadranoc)	passed	Fire detection and fire alarm systems –
		Part 24: Components of voice alarm systems –
Enclosure testing	passed	Loudspeakers; EN 54-24:2008, Section 5.18
	passea	

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.

30.08.2023

Heinz Pfannenschmidt Managing Director

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