

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00431

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

Product(s): LDA Audio Tech Projection Loudspeakers

Placed on the market

under the name or trade mark of:

(refer to attached appendix for details and conditions)

LDA AUDIO TECH (LDA AUDIO Y VIDEO PROFESIONAL S.L.)

Parque Tecnológico Andalucía, C/Severo Ochoa 31
29590 Malaga, Spain

and produced in the manufacturing plant(s):

Life Safety A/V (Guangzhou) Co., Ltd. (SG- 15578)

No. 257 (Building 3, Floors 1-2) Jun Ye Road
Guangzhou GETDD East, 510530, P. R. China

Intended use:

Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 54-24:2008

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued under **0359-CPR-00431** on **2014-12-09** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Notified Body

0905

Certification Manager: Dipl.-Ing. Roland Heine

Date Issue: 2019-10-15

Issue: 1

Signature:



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00431

The details and conditions of use for the LDA Audio Tech Projection Loudspeakers , placed on the market under the name or trade mark of:

LDA AUDIO TECH (LDA AUDIO Y VIDEO PROFESIONAL S.L.)

Parque Tecnológico Andalucía, C/Severo Ochoa 31, 29590 Málaga, Spain

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Products compliant with EN54-24:2008

Model	Manufacturing Location	Description
LDAPCM220TNS01	SG-15578	20W Bidirectional Projection Loudspeaker
LDAPCM10TNS01	SG-15578	10W Unidirectional Projection Loudspeaker
LDAPCM20TNS01	SG-15578	20W Unidirectional Projection Loudspeaker

Conditions of use:

Suitable for outdoor (Type B) applications

Approved settings:

The following line voltage and power tap settings have been approved:

	LDAPCM220TNS01 and LDAPCM20TNS01	LDAPCM10TNS01
Line Voltage	Power Tap	Power Tap
70V	10W, 5W, 2.5W, 1.25W	5W, 2.5W, 1.25W, 0.625W
100V	20W, 10W, 5W, 2.5W	10W, 5W, 2.5W, 1.25W

General Notes:

1. Evaluated under Intertek project number 101726256, 12057984.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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Table of performance for EN54-24:2008 Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance under fire condition.	Pass	4.2, 5.2, 5.3, 5.4, 5.5	a
Operational reliability	Pass	4.3, 4.4, 4.5, 5.6, 5.18	b
Durability of operational reliability: temperature resistance	Pass	5.7, 5.8, 5.9	b
Durability of operational reliability: humidity resistance	Pass	5.10, 5.11, 5.12	b
Durability of operational reliability: corrosion resistance	Pass	5.13	
Durability of operational reliability: impact and vibration resistance	Pass	5.14, 5.15, 5.16, 5.17	
<i>Notes:</i>			
<p>a. <i>The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</i></p> <p>b. <i>For Clauses 5.7, 5.9, 5.10 and 5.18, Type B conditioning was applied.</i></p>			