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Certificate of Constancy of Performance 0359-CPR-00280



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

Product(s): Penton Communications Incorporated APC Range of Loudspeakers

(refer to attached appendix for details and conditions)

Produced by or for: Penton Communications Incorporated

No. 28-2, Ya-Tan Road, Ta-Ya, Taichung, Taiwan

Produced in the Penton Communications Incorporated

manufacturing plant(s): No. 28-2, Ya-Tan Road, Ta-Ya, Taichung, Taiwan

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):

EN54-24:2008

Fire detection and fire alarm systems. Components of Voice Alarm

Systems - Loudspeakers

Under system 1 are applied and that the product(s) fulfils all the prescribed

requirements set out above.

This certificate was first issued on 19th March 2014 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions

in the plant are not modified significantly.

Notified Body 0359

Intertek Testing & Certification Limited

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Certification Manager

5-85

Date 19/3/2014

Issue 1

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Appendix to Certificate of Constancy of Performance 0359-CPR-00280

The details and condition of use for the Penton Communications Incorporated APC Range of Loudspeakers, placed on the market by:

Penton Communications Incorporated

No. 28-2, Ya-Tan Road, Ta-Ya, Taichung, Taiwan

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

escription
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APC4T/EN 4W Plastic moulded cabinet loudspeaker

APC4T/ENC 4W Plastic moulded cabinet loudspeaker with capacitor APC6BT/EN 6W Plastic moulded bi-directional, cabinet loudspeaker

APC6BT/ENC 6W Plastic moulded bi-directional, cabinet loudspeaker with capacitor

Conditions of use:

Suitable for indoor (Type A) applications

General Notes:

- 1. Tested under Intertek project number 10049484.
- The Model APC4T/EN and Model APC4T/ENC had the following equaliser settings applied during test:
 - +3.5dB at 630 Hz
 - +3.5dB at 800 Hz
 - -3.5dB at 1250 Hz
 - -3.5dB at 1600 Hz
 - -2.5dB at 4000 Hz
- 3. The Model APC6BT/EN and Model APC6BT/ENC did not require equalisation.
- 4. <u>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.</u>

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Appendix to Certificate of Constancy of Performance 0359-CPR-00280 (continued)

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	а
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, c
Durability of operational reliability: humidity resistance	Pass	5.10, 5.11, 5.12	b, c
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	

Notes:

- a. 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.
- b. For Clauses 5.7, 5.9, 5.10 and 5.18, Type A conditioning was applied.
- c. Clauses 5.8 and 5.12 are not applicable to Type A loudspeakers.

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