

Certificate of Constancy of Performance

0359-CPR-00286

Intertek

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 UK Limited's APC and PMC Range of Loudspeakers
(refer to attached appendix for details and conditions)

Produced by or for: Penton UK Limited
Unit 2, Teville Industrials, Dominion Way, West Sussex, BN14 8NW

Produced in the manufacturing plant(s): Penton Communications Incorporated (PENTONTW.01)
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 6th June 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and the product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body. A review of the product(s) and compliant standard(s) will be carried out after 5 years to ensure continued compliance.

Notified Body

0359

Intertek Testing & Certification Limited
Cleeve Road, Leatherhead
Surrey, KT22 7SB
Tel: +44 (0)1372 370900
Fax: +44 (0)1372 370977
E-mail: cpd.uk@intertek.com

Gordon Ash
Certification Manager



Date 10/10/2014
Issue 2

Re-Issue 06/06/2019

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom

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.

Certificate of Constancy of Performance



0359-CPR-00286

Appendix to Certificate of Constancy of Performance 0359-CPR-00286

The details and condition of use for Penton UK Limited's APC and PMC Range of Loudspeakers, placed on the market by:

Penton UK Limited

Unit 2, Teville Industrials, Dominion Way, West Sussex, BN14 8NW

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

Variant	Manufacturing Location	Description
APC4T/EN	PENTONTW.01	4W Plastic moulded cabinet loudspeaker
APC4T/ENC	PENTONTW.01	4W Plastic moulded cabinet loudspeaker with capacitor
APC6BT/EN	PENTONTW.01	6W Plastic moulded bi-directional, cabinet loudspeaker
APC6BT/ENC	PENTONTW.01	6W Plastic moulded bi-directional, cabinet loudspeaker with capacitor
PMC4T/EN	PENTONTW.01	4W Plastic moulded wall mounted loudspeaker
PMC4T/ENC	PENTONTW.01	4W Plastic moulded wall mounted loudspeaker with capacitor

Conditions of use:

The Model APC4T/EN, Model APC4T/ENC, Model APC6BT/EN and Model APC6BT/ENC are suitable for indoor (Type A) applications.

The Model PMC4T/EN and Model PMC4T/ENC are suitable for outdoor (Type B) applications.

General Notes:

1. Evaluated under Intertek project number 10049484.
2. 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. The Model PMC4T/EN and Model PMC4T/ENC had the following equaliser settings applied during test: +6.0dB at 630 Hz, +3.5dB at 800 Hz, -3.5dB at 1250 Hz, -3.5dB at 1600 Hz, -2.5dB at 4000 Hz.
5. 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.

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00286
Issue 2

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom

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.

Certificate of Constancy of Performance

0359-CPR-00286



Appendix to Certificate of Constancy of Performance 0359-CPR-00286 (continued)

<i>Table of performance for EN54-24:2008</i>			
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, 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	
<i>Notes:</i>			
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>			
b. <i>For Clauses 5.7, 5.9, 5.10 and 5.18, Type A conditioning was applied to the Model APC4T/EN, Model APC4T/ENC, Model APC6BT/EN and Model APC6BT/ENC; Type B conditioning was applied to the Model PMC4T/EN and Model PMC4T/ENC.</i>			
c. <i>Clauses 5.8 and 5.12 were only applicable to the Model PMC4T/EN and Model PMC4T/ENC.</i>			

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00286
Issue 2

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

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.