

# Certificate of Constancy of Performance

## 0359-CPR-00290



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 Range of GB15T and GB20T 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  
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.

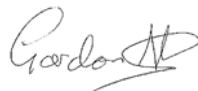
This certificate was first issued on **21 July 2014** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.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  
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Gordon Ash  
Certification Manager



Date 21/07/2014  
Issue 1

Re-Issue 21/07/2019

[www.intertek.com](http://www.intertek.com)

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

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00290

The details and condition of use for Penton UK Limited's Range of GB15T and GB20T 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**

<b>Variant</b>	<b>Description</b>
GB15T/EN	15W, Type B, Plastic Moulded, Spherical Loudspeaker
GB15T/ENC	15W, Type B, Plastic Moulded, Spherical Loudspeaker with Capacitor
GB20T/EN	20W, Type B, Plastic Moulded, Spherical Loudspeaker
GB20T/ENC	20W, Type B, Plastic Moulded, Spherical Loudspeaker with Capacitor

#### **Conditions of use:**

Suitable for indoor and outdoor applications

#### **General Notes:**

1. Evaluated under Intertek project number 10049484.
2. The Model GB15T/EN and Model GB15T/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 GB20T/EN and Model GB20T/ENC did not require equalisation.
4. 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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### Appendix to Certificate of Constancy of Performance 0359-CPR-00290 (continued)

<i>Table of performance for EN54-24:2008</i>			
<b>Harmonised technical specification</b>			
<b>Essential characteristics</b>	<b>Performance</b>	<b>Clauses</b>	<b>Notes</b>
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>			
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 B conditioning was applied.</i>			

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