

**0359-CPR-00456**

**Intertek**

**Product(s):** **Horn Loudspeaker**  
(refer to attached appendix for details and conditions)

**Produced by or for:** **Honeywell Fire Safety**  
12 Clintonville Road, Northford, CT 06472, United States of America

**Produced in the manufacturing plant(s):** Life Safety A/V (Guangzhou) Co., Ltd (LIFSAFCN.01)  
No. 257 (Building 3, Floors 1-2) Jun Ye Road, Guangzhou GETDD East, 510530, 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):

**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 **31<sup>st</sup> March 2015** 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and the product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.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**

Gordon

Date 31/03/2015  
Issue 1

Re-Issue 31/03/2020

**www.intertek.com**

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

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# Certificate of Constancy of Performance

## 0359-CPR-00456



### Appendix to Certificate of Constancy of Performance 0359-CPR-00456

The details and conditions of use for the Horn Loudspeaker, placed on the market by:

#### Honeywell Fire Safety

12 Clintonville Road, Northford, CT 06472, United States of America

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
L-VHP15A/EN&582479 *	LIFSAFCN.01	15 W, Horn Loudspeaker

- \* Requires an equaliser setting of +2.5 dB at 630 Hz, +2.5 dB at 800 Hz, -2.5 dB at 1250 Hz, -2.5 dB at 2500 Hz and +8 dB at 8000 Hz

#### Conditions of use:

Suitable for outdoor (Type B) applications

#### Approved settings:

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

L-VHP15A/EN&582479	
Line Voltage	Power Tap
70 V	7.5 W, 5 W, 2.5 W
100 V	15 W, 10 W, 5 W

The following impedance (transformer bypass) setting has been approved:-

L-VHP15A/EN&582479	
Impedance	8 $\Omega$

#### General Notes:

1. Evaluated under Intertek project number 101842720.
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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# Certificate of Constancy of Performance

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00456 (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	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	
<b>Notes:</b>			
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 B conditioning was applied.			

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