

**0359-CPR-00485**

**Intertek**

**Product(s):** **Control 10C-VA Series of Loudspeakers**  
(refer to attached appendix for details and conditions)

**placed on the market** **JBL Professional**  
**under the name or** 8500 Balboa Blvd, Northridge, California, 91329, United States of America  
**trade mark of:**

and produced in the  
manufacturing plant(s):

**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**

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 on **30<sup>th</sup> October 2015** 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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**  
**0359**

Intertek Testing & Certification Limited  
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Gordon Ash  
Certification Manager

Cardo

Date 30/10/2015  
Issue 1

[www.intertek.com](http://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-00485



### Appendix to Certificate of Constancy of Performance 0359-CPR-00485

The details and conditions of use for the Control 10C-VA Series of Loudspeakers, placed on the market under the name or trade mark of:

#### JBL Professional

8500 Balboa Blvd, Northridge, California, 91329, 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
Control 16C-VA	HERTZCN.01	6.5" Co-axial Ceiling Loudspeaker, White
Control 14C-VA	HERTZCN.01	4" Co-axial Ceiling Loudspeaker, White
Control 12C-VA	HERTZCN.01	3" Compact Ceiling Loudspeaker, White

#### Conditions of use:

Suitable for indoor (Type A) applications

#### Approved settings:

The following transformer power settings and direct-coupled rated impedance settings have been approved:-

	Transformer Power Settings		Direct-coupled Rated Impedance Settings
	70 V	100 V	
Control 16C-VA	3.8 W, 7.5 W, 15 W, 30 W	7.5 W, 15 W, 30 W	8 $\Omega$
Control 14C-VA	3.2 W, 6.3 W, 12.5 W, 25 W	6.3 W, 12.5 W, 25 W	8 $\Omega$
Control 12C-VA	1.9 W, 3.8 W, 7.5 W, 15 W	3.8 W, 7.5 W, 15 W	8 $\Omega$

#### General Notes:

1. Evaluated under Intertek project number 102207004.
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-00485 (continued)

Table of performance for EN54-24:2008		
Harmonised technical specification		
Essential characteristics	Performance	Clauses
Performance under fire condition.	Pass	4.2, 5.2, 5.3, 5.4, 5.5
Operational reliability	Pass	4.3, 4.4, 4.5, 5.6, 5.18
Durability of operational reliability: temperature resistance	Pass	5.7, 5.8, 5.9
Durability of operational reliability: humidity resistance	Pass	5.10, 5.11, 5.12
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>Note:</i>  <i>For details relating to performance conditions and associated clauses which are applicable to the product(s) under test, refer to Intertek test report 102207004LHD-011.</i>		

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