

Certificate of Constancy of Performance

0359-CPR-00405



Appendix to Certificate of Constancy of Performance 0359-CPR-00405

The details and condition of use for the VXC Range of Ceiling Loudspeakers, placed on the market by:

Yamaha Corporation

10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka 430-8650, Japan

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
VXC4-VA	YAMAHAID.01	30 W, black, metal cased, ceiling loudspeaker with a 22uF capacitor
VXC4-VAW	YAMAHAID.01	30 W, white, metal cased, ceiling loudspeaker with a 22uF capacitor
VXC6-VA	YAMAHAID.01	60 W, black, metal cased, ceiling loudspeaker with a 3.3uF capacitor
VXC6-VAW	YAMAHAID.01	60 W, white, metal cased, ceiling loudspeaker with a 3.3uF capacitor
VXC8-VA	YAMAHAID.01	60 W, black, metal cased, ceiling loudspeaker with a 2.7uF capacitor
VXC8-VAW	YAMAHAID.01	60 W, white, metal cased, ceiling loudspeaker with a 2.7uF capacitor

Approved settings:

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

	Model VXC4-VA and Model VXC4-VAW	Model VXC6-VA, Model VXC6-VAW, Model VXC8-VA and Model VXC8-VAW
Line Voltage	Power Tap	Power Tap
70V	30W, 15W, 7.5W, 3.8W	60W, 30W, 15W, 7.5W
100V	30W, 15W, 7.5W	60W, 30W, 15W

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

	Model VXC4-VA, Model VXC4-VAW, Model VXC6-VA, Model VXC6-VAW, Model VXC8-VA and Model VXC8-VAW
Impedance	8Ω

Conditions of use:

Suitable for indoor (Type A) applications

General Notes:

1. Evaluated under Intertek project number 101440203.
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.

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-00405
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-00405



Appendix to Certificate of Constancy of Performance 0359-CPR-00405 (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, 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	d

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.*
- d. *Model VXC8-VA and Model VXC8-VAW exceed 4.75kg in weight; an assessment to Clause 5.14 was therefore not performed on these models.*

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-00405
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.