



EC-DECLARATION OF CONFORMITY

Brand: Crown
Equipment Type: Commercial Audio Power Amplifiers
Family Name: XLS Series
Model Names: XLS 1000, XLS 1500, XLS 2000, XLS 2500

We, **Harman International**, declare under our sole responsibility that the product, to which this declaration relates, is in conformity with the following standards.

| Report No. | Description |
|--|---|
| EN 55103-1:1997 | EMC Compatibility – Product Family Standard for Audio, Video, Audio-Visual and Entertainment Lighting Control Apparatus for Professional Use, Part 1: Emissions |
| EN 55103-1:1997 | Magnetic Field Emissions – Annex A @ 10cm and 20cm |
| EN 61000-3-2:2005 & AMD1:2008 | Limits for Harmonic Current Emissions (equipment input current less than or equal to 16A) |
| EN 61000-3-3:2008 | Limitation of Voltage Fluctuations and Flicker in Low-Voltage Supply systems Rated Current less than or equal to 16A |
| EN 55022:2006 | Limits and Methods of Measurement of Radio Disturbance Characteristics of ITE: Radiated, Class B Limits; Conducted, Class A |
| EN 55103-2:1997 | EMC Compatibility – Product Family Standard for Audio, Video, Audio-Visual and Entertainment Lighting Control Apparatus for Professional Use, Part 2: Immunity |
| EN 61000-4-2:2001 | Electrostatic Discharge Immunity (Environment E2-Criteria B, 4k V Contact, 8k V Air Discharge) |
| EN 61000-4-3:2006 | Radiated, Radio-Frequency, EMC Immunity (Environment E2, Criteria A) |
| EN 61000-4-4:2007 | Electrical Fast Transient/Burst Immunity (Criteria B) |
| EN 61000-4-5:2006 | Surge Immunity (Criteria B) |
| EN 61000-4-6:2006 | Immunity to Conducted Disturbances Induced by Radio-Frequency Fields (Criteria A) |
| EN 61000-4-11:2001 | Voltage Dips, Short Interruptions and Voltage Variation |
| Safety Standard: | |
| IEC 60065:2001 – 7 th Ed. & AMD1:2005 | Safety Requirements – Audio, Video, and Similar Electronic Apparatus |
| CAN/CSA 60065-03 incl. AM1 | Safety Requirements – Audio, Video, and Similar Electronic Apparatus |
| UL Std No. 60065-2007 | Safety Requirements – Audio, Video, and Similar Electronic Apparatus |

Copies of all Safety and EMC reports can be obtained by contacting Sue Whitfield at sue.whitfield@harman.com.

Due to line current harmonics, we recommend that you contact your supply authority before connection.

I certify that the product identified above conforms to the requirements of the EMC Council Directive 89/336/EEC as amended by 92/31/EEC, and the Low Voltage Directive 73/23/EES as amended by 93/68/EEC.

Crown, part of the Harman International group of companies, declares that the products produced under the aforementioned brand names are designed and produced as professional audio products and therefore outside of the intended scope of the European Commission Regulation (EC) 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment.



Harman International expects our suppliers and business partners to be aware of their obligations under REACH and expects any substances or products within the scope of REACH to be pre-registered before December 1, 2008. Given those conditions, our current products are exempt from REACH pre-registration and later registration activities. We provide separate E.U. Reduction of Hazardous Substances documentation for our RoHS compliant products.

Harman International confirms that, from the 1st July 2006 all Crown branded products placed on the European market have been manufactured in compliance with the EU Directive 2002/95/EC and its subsequent amendments.

The WEEE directive (2002/96/EC) places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life. Harman International accepts its responsibility to finance the cost of treatment and recovery of redundant WEEE in accordance with the specific WEEE recycling requirements. All of our products are marked with the WEEE symbol; this indicates that this product must NOT be disposed of with other waste. Instead it is the user's responsibility to dispose of their waste electrical and electronic equipment by handing it over to an approved re-processor, or by returning it to Harman International for reprocessing. For more information about where you can send your waste equipment for recycling, please contact Harman International or one of your local distributors.

Documentation for the above mentioned Directives can be located at:
<http://www.crownaudio.com/support.htm>

April 17, 2010
Elkhart, Indiana, USA

Andy Stump,
Director of Manufacturing Operations

.....
(Place and Date of issue)

.....
(Name, signature and function of authorized person)

European Representative's Name and Address:

David Budge
10 Harvest Close
Yateley, GU46 6YS
United Kingdom

Responsible for the technical documentation is:

Sue Whitfield
sue.whitfield@harman.com

Explanation to preprinted EC declaration of conformity

Electrical products placed on the European market must generally conform to various EU directives. Directives that require an EC declaration of conformity and product CE marking:

- 2006/95/EC Low-voltage directive
- 2004/108/EC Electromagnetic compatibility directive
- 2009/125/EC Ecodesign directive

Directives to additionally be complied with:

- 2001/95/EC General product safety directive
- 2002/95/EC Restriction of the use of certain hazardous substances (RoHS)
- 2002/96/EC Waste electrical and electronic equipment directive (WEEE)
- 1999/45/EC Registration, evaluation and authorization of chemicals (REACH)