



Biamp Systems

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RoHS Materials Content Declaration

Date Issued: June 11th, 2007 (Updated to include AutoTWO)

Regarding the Following Biamp Products:

	Model	Part Number	Description and recognition of RoHS-compliant units
1.	D60EQ	911.0063.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
2.	CPA 130	911.0070.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
3.	CPA 650	911.0068.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
4.	MCA 8050	911.0075.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
5.	MCA 8150	911.0077.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
6.	MXA35	911.0191.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
7.	MXA75	911.0190.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
8.	MXA150	911.0189.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
9.	MXA300	911.0189.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
10.	A400	911.0192.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
11.	MPA 250	911.0174.900	Audio power amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
12.	autoONE	911.0145.900	Automatic mixer Units marked with the Biamp RoHS-Check-Mark icon shown below
13.	801	911.0151.900	Mixer Units marked with the Biamp RoHS-Check-Mark icon shown below
14.	DA28R	911.0152.900	Distribution Amplifier Units marked with the Biamp RoHS-Check-Mark icon shown below
15.	301	911.0161.900	Mixer Units marked with the Biamp RoHS-Check-Mark icon shown below
16.	601	911.0162.900	Mixer Units marked with the Biamp RoHS-Check-Mark icon shown below
17.	Solo 8X8	911.0200.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
18.	Solo12X4	911.0201.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
19.	Solo 4X12	911.0202.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
20.	Flex CM	911.0178.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
21.	Flex NC	911.0179.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
22.	IP-2	901.0176.900	2-channel analog audio input card for AudiaFLEX Red-colored circuit boards are RoHS-compliant. Non-RoHS-compliant

			units have green-colored circuit boards. All units sold pre-installed in AudiaFLEX main chassis marked with the Biamp RoHS-Check-Mark icon shown below are RoHS-compliant
23.	OP-2E	901.0206.900	2-channel analog audio output card for AudiaFLEX Red-colored circuit boards are RoHS-compliant. Non-RoHS-compliant units have green-colored circuit boards. All units sold pre-installed in AudiaFLEX main chassis marked with the Biamp RoHS-Check-Mark icon shown below are RoHS-compliant
24.	AEC-2W	901.0205.900	2-channel analog audio input card with wide-band acoustic echo cancellation for AudiaFLEX Red-colored circuit boards are RoHS-compliant. Non-RoHS-compliant units have green-colored circuit boards. All units sold pre-installed in AudiaFLEX main chassis marked with the Biamp RoHS-Check-Mark icon shown below are RoHS-compliant
25.	TI-2	901.0193.900	2-line telephone interface card for AudiaFLEX Red-colored circuit boards are RoHS-compliant. Non-RoHS-compliant units have green-colored circuit boards. All units sold pre-installed in AudiaFLEX main chassis marked with the Biamp RoHS-Check-Mark icon shown below are RoHS-compliant
26.	Nexia CS	911.0194.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
27.	Nexia PM	911.0195.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
28.	Nexia SP	911.0196.900	Audio Digital Signal Processing Platform Units marked with the Biamp RoHS-Check-Mark icon shown below
29.	Nexia TC	911.0225.900	Audio Digital Signal Processing Platform with Biamp-exclusive TrueSound™ wide-band acoustic echo cancellation All units are RoHS-compliant.
30.	Nexia VC	911.0221.900	Audio Digital Signal Processing Platform with Biamp-exclusive TrueSound™ wide-band acoustic echo cancellation All units are RoHS-compliant.
31.	EXPI	911.0185.900	Audio input device Units marked with the Biamp RoHS-Check-Mark icon shown below
32.	EXPO	911.0186.900	Audio output device Units marked with the Biamp RoHS-Check-Mark icon shown below
33.	MG2500	911.8173.900	Noise masking processor Units marked with the Biamp RoHS-Check-Mark icon shown below
34.	V8	909.0164.900	Volume 8 control Units with red-colored circuit boards. Non-compliant units have green-colored boards. Additionally, compliant units are marked with the Biamp RoHS-Check-Mark icon shown below.
35.	S8	909.0165.900	Select 8 control Units with red-colored circuit boards. Non-compliant units have green-colored boards. Additionally, compliant units are marked with the Biamp RoHS-Check-Mark icon shown below.
36.	VS8	909.0166.900	Volume/Select 8 control Units with red-colored circuit boards. Non-compliant units have green-colored boards. Additionally, compliant units are marked with the Biamp RoHS-Check-Mark icon shown below.
37.	LOGIC BOX	909.0167.900	Logic Box Units marked with the Biamp RoHS-Check-Mark icon shown below
38.	DT-1A	909.0026.900	Autoformer for use in CPA650 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant
39.	DT-2A	909.0025.900	Autoformer for use in CPA130 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant
40.	DT-3A	909.0029.900	Autoformer for use in CPA130 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant

41.	DT-4	909.0031.900	Autoformer for use in CPA650 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant
42.	TDT50	909.0156.900	Transformer for use in MCA8050 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant
43.	TDT100	909.0157.900	Transformer for use in MCA8050 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant
44.	TDT150	909.0158.900	Transformer for use in MCA8150 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant
45.	TDT300	909.0159.900	Transformer for use in MCA8150 Units marked with the Biamp RoHS-Circle icon shown below are RoHS-compliant. All units sold pre-installed in amplifiers marked with the Biamp RoHS-Check Mark icon shown below are RoHS-compliant
46.	RP-L1	909.0131.900	Single-knob control panel Units marked with the Biamp RoHS-Check-Mark icon shown below
47.	RP-L2	909.0132.900	Dual-knob control panel Units marked with the Biamp RoHS-Check-Mark icon shown below
48.	RP-S4	909.0134.900	Four-button control panel Units marked with the Biamp RoHS-Check-Mark icon shown below
49.	MAII	909.0147.900	Bose® AmPlus EQ device Units marked with the Biamp RoHS-Check-Mark icon shown below
50.	PA2	909.0231.900	2-channel, 50W audio power output card for AudiaFLEX All units are RoHS-compliant.
51.	AEC-2HD	909.0227.900	2-channel analog audio input card with Biamp-exclusive TrueSound™ wide-band acoustic echo cancellation for AudiaFLEX All units are RoHS-compliant
52.	AutoTWO	911.0236.900	8-Channel automatic audio mixer All units are RoHS-compliant

RoHS-compliant Biamp products have ten-digit part numbers with the seventh digit being nine. Non-compliant products had nine-digit part numbers. Ordering a Biamp product using a ten-digit part number with the seventh digit being nine specifies the RoHS-compliant version.

Some non-compliant finished goods may persist in inventory after the RoHS deadline. As a precaution against accidentally-commingled inventory, all RoHS-compliant Biamp products have an externally-visible mark to differentiate them from non-compliant units. The table above specifies the marking method used for each product. For some products, the mark will be the color of externally-visible circuit board; red colored boards are RoHS-compliant and green boards are not. For most products, the mark will be the Biamp RoHS-Check-Mark Icon shown on the left in the figure below. In cases where space or material limitations do not permit the Biamp RoHS-Check-Mark Icon, the Biamp RoHS-Circle Icon shown on the right in the figure below will be used.



Declarations:

Per EU Directives 2002/95/EC of January 27, 2003, and 2005/618/EC of August 18, 2005, the RoHS Directive, Biamp Corporation of Beaverton, Oregon, USA hereby declares whether or not the following materials or substances are contained in the aforementioned Biamp products -- including all supplied cables and accessories-- above the threshold levels listed below. A "YES" response indicates that the material/substance is found in the aforementioned Biamp products above the threshold level. A "NO" response indicates that, to the best of Biamp's knowledge at the time of this declaration, the material/substance is not found in the aforementioned Biamp products above the threshold level.

	Material/Substance	Thresh. Lvl.*	Yes	No	Notes, exceptions, etc.
1.	Cadmium (Cd)	0.01%		✓	Exception: Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC amending Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations.
2.	Hexavalent Chromium (Cr+6)	0.1%		✓	
3.	Lead (Pb)	0.1%		✓	Exceptions: 1) Lead in glass of electronic components 6a. Lead as an alloying element in steel containing up to 0.35% lead by weight. 2) Lead as an alloying element in aluminum containing up to 0.4% lead by weight. 3) Lead as an alloying element in copper containing up to 4% lead by weight. 4) Lead in high melting temperature type solders (i.e. ® lead based solder alloys containing 85% by weight or more lead). 5) Lead in electronic ceramic parts. 6) Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content of more than 80% and less than 85% by weight. 7) Lead used in compliant pin connector systems. 8) Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages.
4.	Mercury (Hg)	0.1%		✓	
5.	Polybrominated Biphenyls (PBBs)	0.1%		✓	
6.	Polybrominated Diphenylethers (PBDEs)	0.1%		✓	

* Threshold Level, maximum concentration by weight in homogenous materials

Biamp Corporation of Beaverton, Oregon, USA further declares that it has gathered the information provided in this declaration using appropriate and diligent methods to help ensure accuracy. Biamp declares that this information is true and correct to the best of Biamp's knowledge and belief as of the date of this declaration. Biamp acknowledges that its customers will rely on this declaration to determine the compliance of the aforementioned Biamp products with European Union member state laws that implement the RoHS Directive. Biamp acknowledges that, in completing this declaration, it has relied on information provided to Biamp by its suppliers and that it may not have independently verified all of that information.

Biamp Corporation of Beaverton, Oregon, USA further declares that the aforementioned Biamp products comply with the requirements of China RoHS. Additional information regarding China RoHS compliance is included with each unit.

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