

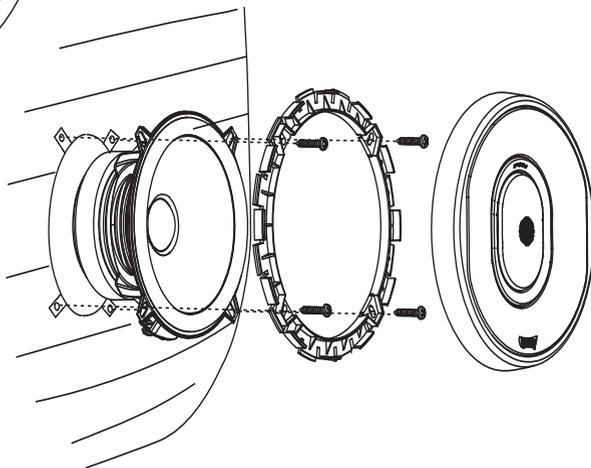
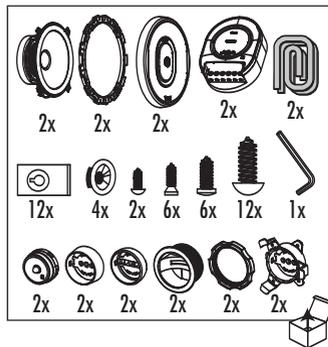
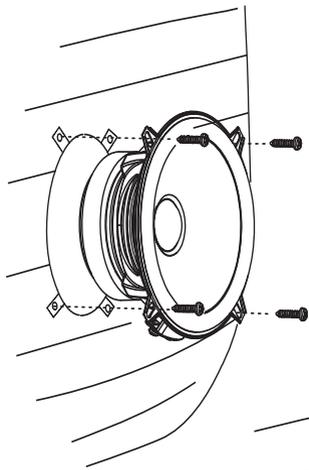
50.9cs, 60.9cs, 65.9cs,  
680.9cs, 10.9t



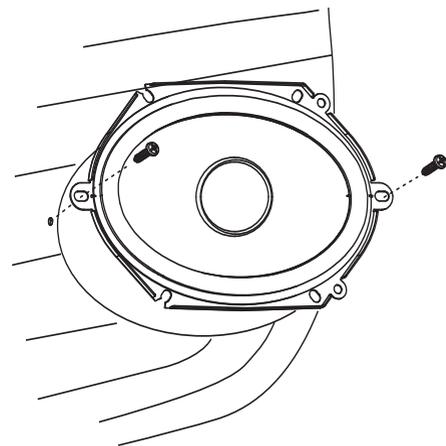
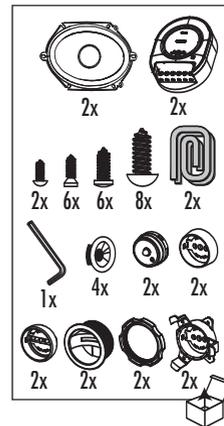
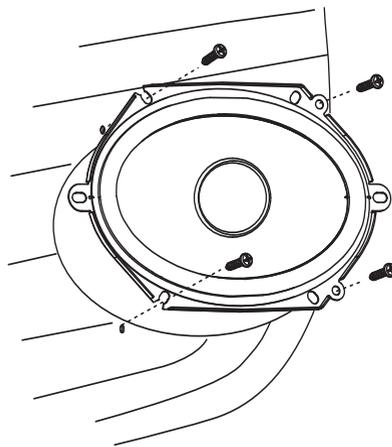
 **Infinity**<sup>®</sup>

**kappa**<sup>®</sup> **series**

# 509cs, 659cs

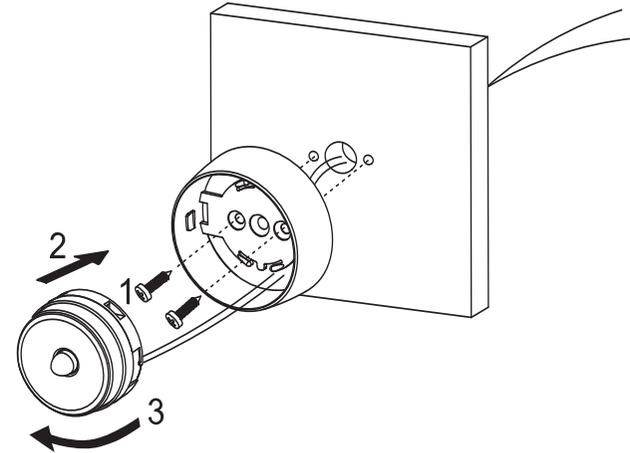
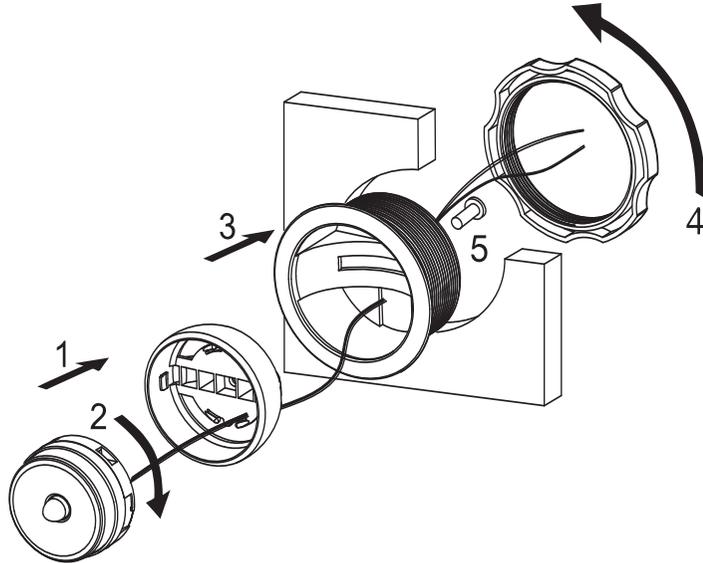
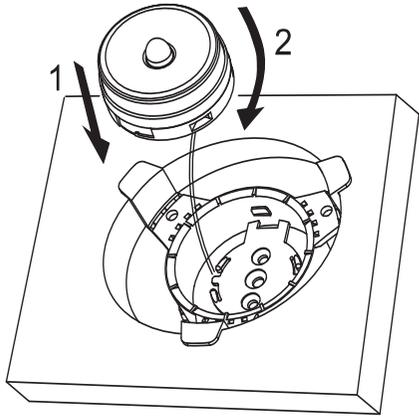
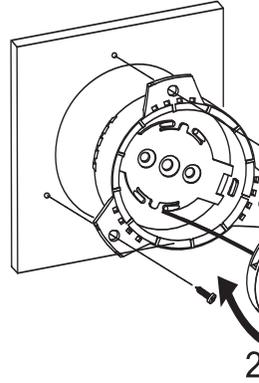
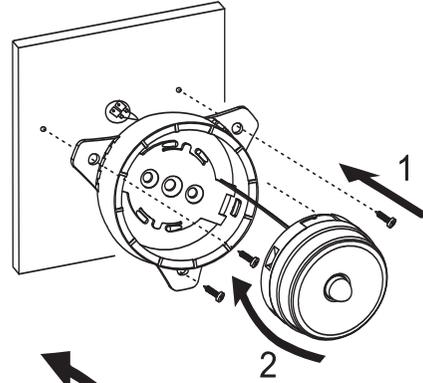
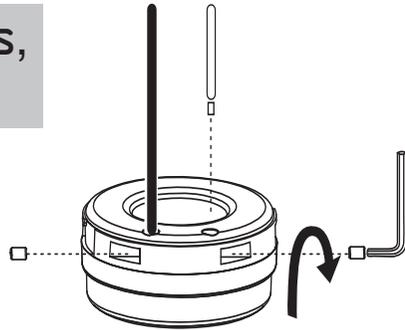


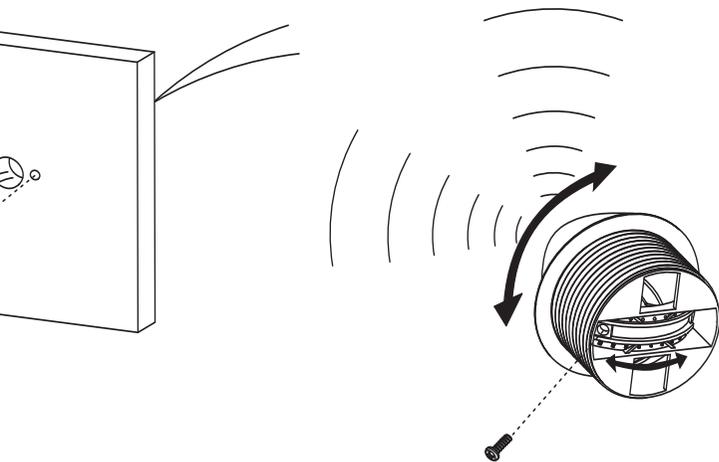
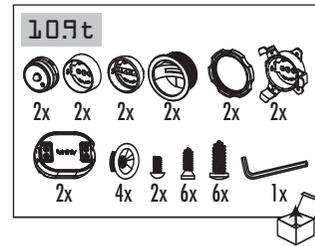
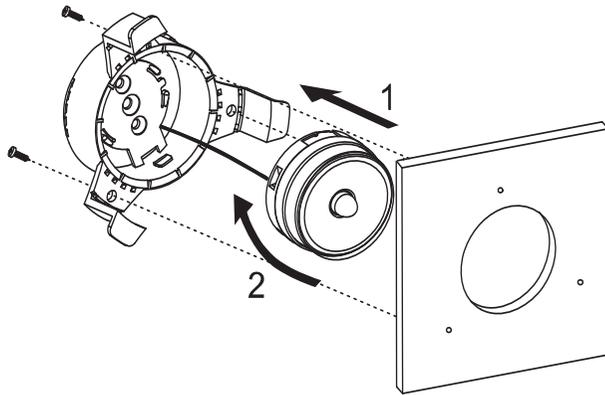
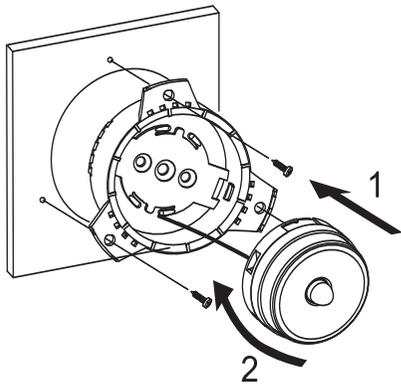
# 6809cs



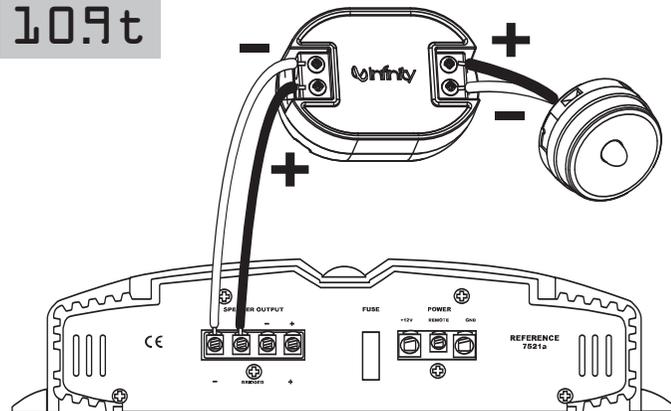


109t (509cs, 609cs,  
659cs, 6809cs)

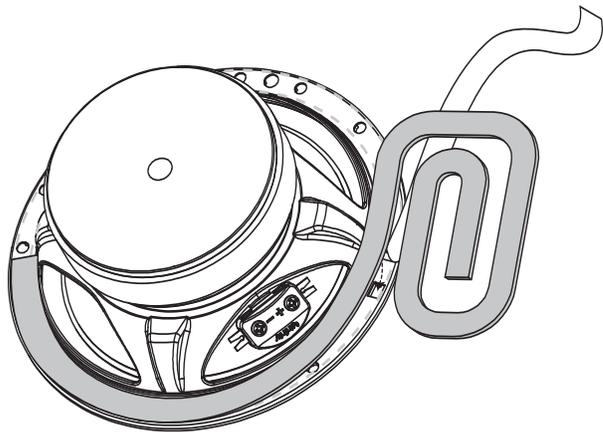




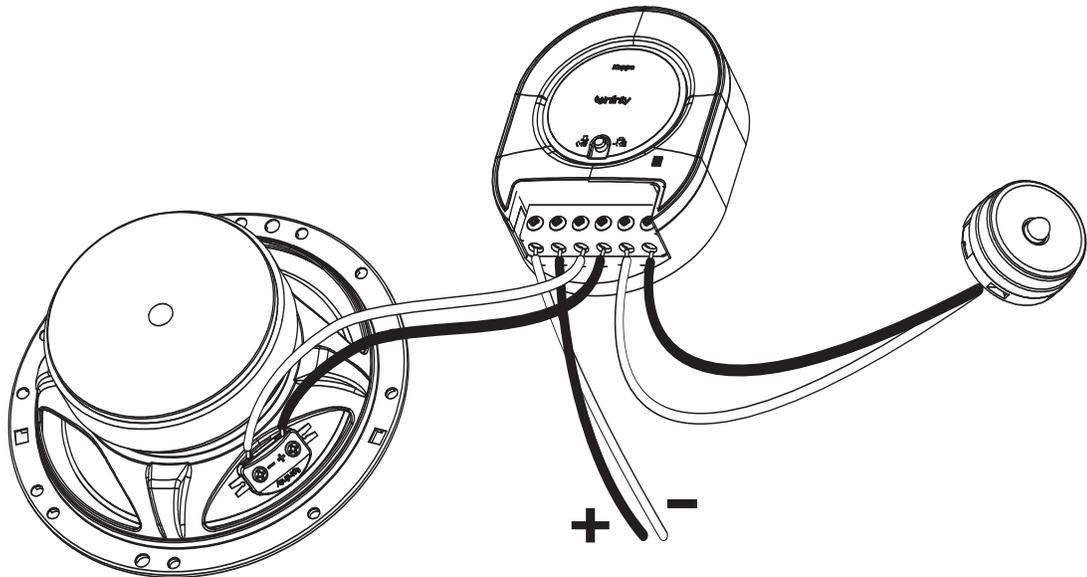
**109t**



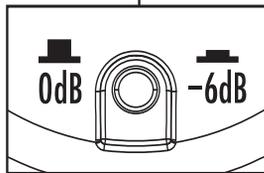
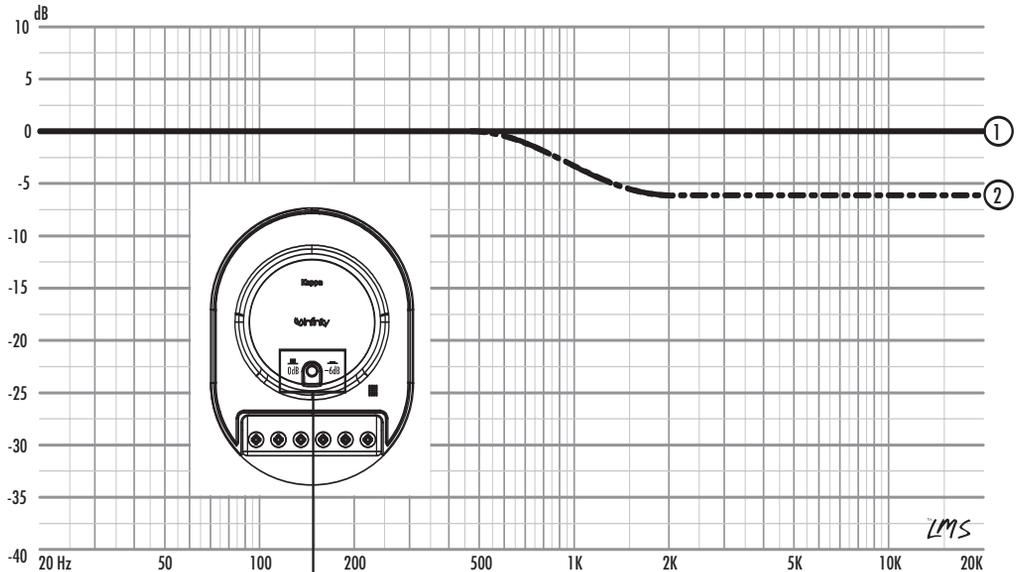
50.9cs, 60.9cs,  
65.9cs, 680.9cs



50.9cs, 60.9cs, 65.9cs, 680.9cs



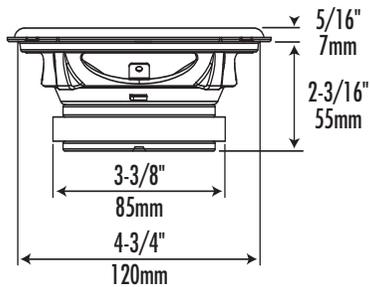
# 50.9cs, 60.9cs, 65.9cs, 680.9cs



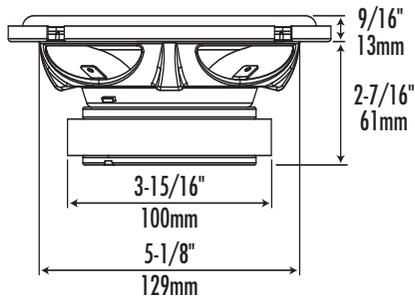
① 0dB

② -6dB

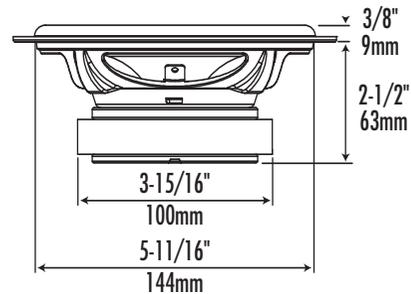
LMS



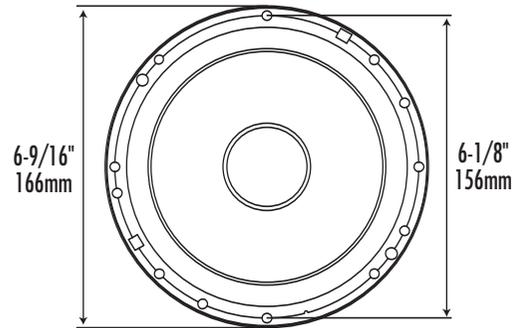
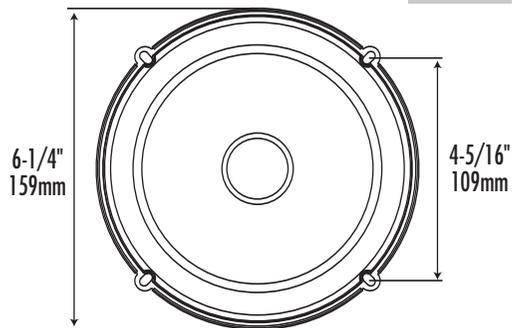
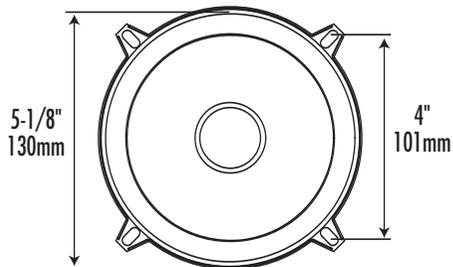
509cs

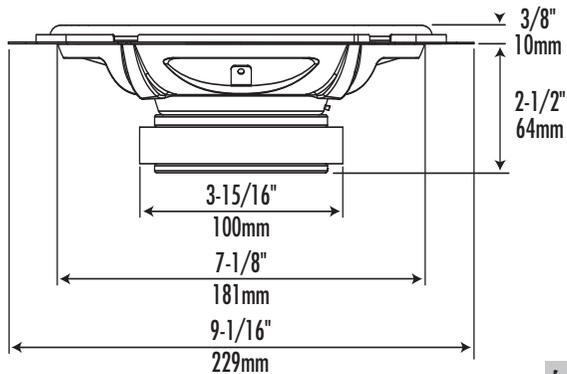


609cs

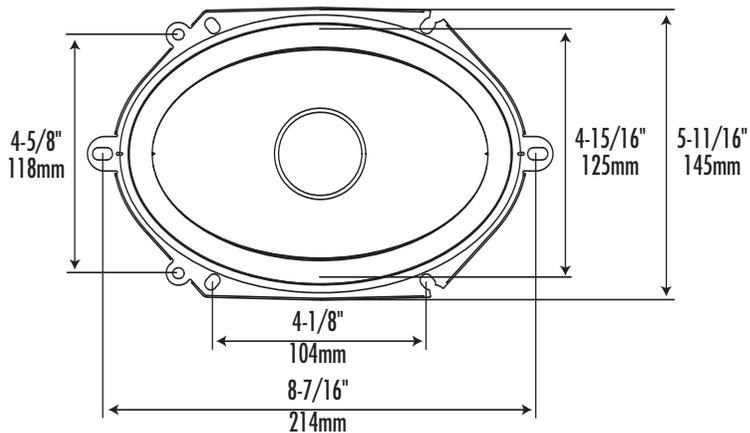


659cs

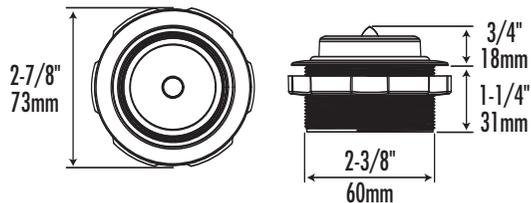




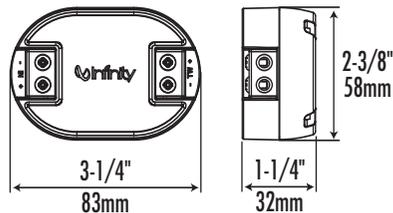
6809cs



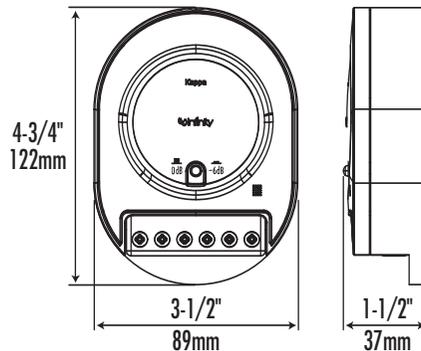
109t (509cs, 609cs, 659cs, 6809cs)



109t



509cs, 609cs, 659cs, 6809cs



	<b>50.9cs</b>	<b>60.9cs</b>	<b>65.9cs</b>	<b>680.9cs</b>	<b>10.9t</b>
BL (T-m)	3.69	4.41	4.27	4.28	
DCR (ohms)	2.35	2.29	2.28	2.25	2.30
Mms (g)	9.11	15.00	15.26	17.64	
Sd (sq cm)	102.1	130.6	141.0	162.6	
Cms ( $\mu\text{m}/\text{N}$ )	356	318	338	273	
Vas (l)	5.21	7.62	9.44	10.13	
Fs (Hz)	88.4	72.9	70.1	72.5	
Qes	0.87	0.81	0.84	0.99	
Qms	6.09	7.31	7.80	7.35	
Qt	0.76	0.73	0.76	0.87	
SPL 2.83V	93.4	93.0	93.3	93.4	

## SPECIFICATIONS

	<b>50.9cs</b>	<b>60.9cs</b>	<b>65.9cs</b>	<b>680.9cs</b>	<b>10.9t</b>
Type:	5-1/4" 2-Way Component System	6-1/2" • 6-3/4" 2-Way Component System	165mm 2-Way Component System	6" x 8"/5" x 7" 2-Way Component System	1" Component Tweeter
Nominal Impedance:	2 Ohms	2 Ohms	2 Ohms	2 Ohms	2 Ohms
Power Handling, RMS:	85W	90W	90W	90W	50W
Power Handling, Peak:	255W	270W	270W	270W	150W
Frequency Response:	55Hz – 35kHz	45Hz – 35kHz	45Hz – 35kHz	40Hz – 35kHz	3.5kHz – 35kHz
Sensitivity (2.83V, 1m):	93dB	93dB	93dB	93dB	93dB

**GENERAL CARE:** The loudspeaker grilles may be cleaned with a damp cloth. Do not use any cleaners or solvents on the grilles or the speaker cones.

**WARRANTY:** Kappa® Series speakers are warranted against defects. The duration of the speaker's warranty depends on the laws in the country in which it was purchased. Your local Infinity car audio retailer can help you determine the length of your warranty. To register your product, please visit us at [www.infinitysystems.com](http://www.infinitysystems.com).



TECHNOLOGY • PERFORMANCE • DESIGN

A valid serial number is required for warranty coverage.  
Features, specifications and appearance are subject to change without notice.  
This product is designed for mobile applications and is not intended for connection to the mains.  
Harman Consumer Group, Inc. • 2 route de Tours, 72500 Château du Loir, France • [www.infinitysystems.com](http://www.infinitysystems.com)  
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**H** A Harman International Company



#### Declaration of Conformity



We, Harman Consumer Group, Inc.  
2, route de Tours  
72500 Château du Loir  
France

declare in own responsibility that the products described in this owner's manual  
are in compliance with technical standards:

EN 61000-6-3:2001  
EN 61000-6-1:2001

  
Klaus Leberz  
Harman Consumer Group, Inc.  
Château du Loir, France 3/08