

SYSTEM SPECIFICATIONS

	8320	8330
Frequency range -6 dB:	55 Hz – 23 kHz	45 Hz – 23 kHz
Accuracy of frequency response:	±1.5 dB (66 Hz – 20 kHz)	±1.5 dB (58 Hz – 20 kHz)
Maximum short term sine wave acoustic output on axis in half space, averaged from 100 Hz to 3 kHz:	> 100 dB SPL	> 104 dB SPL
Maximum long term RMS acoustic output in same conditions with IEC weighted noise (limited by driver unit protection circuit):	> 94 dB SPL	> 96 dB SPL
Maximum peak acoustic output per pair, at 1 m distance with music material:	> 107 dB	> 110 dB
Self generated noise level in free field on axis:	< 5 dB (A-weighted)	
Harmonic distortion at 85 dB SPL on axis:	50...200 Hz ≤ 3 % >200 Hz ≤ 0.5 %	50...100 Hz ≤ 2 % >100 Hz ≤ 0.5 %
Drivers: Woofer Tweeter	105 mm (4 in) cone 19 mm (3/4 in) metal dome	130 mm (5 in) cone 19 mm (3/4 in) metal dome
Weight:	3.2 kg (7.0 lb)	5.1 kg (11.2 lb)
Dimensions: Height including Iso-Pod™ table stand Height without Iso-Pod™ table stand Width Depth	242 mm (9 1/2 in) 230 mm (9 1/8 in) 151 mm (6 in) 142 mm (5 5/8 in)	299 mm (11 13/16 in) 285 mm (11 1/4 in) 189 mm (7 7/16 in) 178 mm (7 in)

AMPLIFIER SECTION

Bass amplifier short term output power	50 W
Treble amplifier short term output power	50 W
Total harmonic distortion at nominal output	<0.05%
Mains voltage	100-240 VAC, 50-60 Hz
Power consumption (ISS active / idle / maximum)	< 0.5 W / 3.0 W / 50 W

INPUT SECTION

Digital AES/EBU audio signal connectors (Single wire)	n/a	XLR female IN XLR male OUT
Input word length	n/a	16 - 24 bits
Input sampling rate	n/a	32 - 192 kHz
Crossover frequency	2.9 kHz	
Analog input (load impedance)	XLR female (10 kOhm, balanced)	
Analog input level for 100 dB SPL output at 1 meter	-6 dBu (adjustable in GLM software)	
Maximum analog input	24 dBu	
GLM Control network connectors	2 x RJ45	