



SYSTEM SPECIFICATIONS	
Lower cut-off frequency, -6 dB	< 32 Hz
Upper cut-off frequency, -6 dB	> 43 kHz
Accuracy of frequency response, ± 1.5 dB	38 Hz – 20 kHz
Maximum short term sine wave acoustic output on axis in half space, averaged from 100 Hz to 3 kHz at 1 m	≥ 113 dB SPL
Maximum long term RMS acoustic output in the same conditions with IEC weighted noise (limited by driver protection circuit) at 1 m	103 dB SPL
Maximum peak acoustic output per pair in a listening room with music material at 1 m	118 dB
Self generated noise level in free space at 1 m on axis (A-weighted)	≤ 5 dB
Harmonic distortion at 90 dB SPL at 1 m on axis Freq: 50...100 Hz > 100 Hz	< 2 % < 0.5 %
Drivers Bass Midrange Treble	Dual 218 x 101 mm (8 <sup>5</sup> / <sub>8</sub> x 4 in) obround cones 130 mm (5 in) cone (coaxial) 25 mm (1 in) metal dome (coaxial)
Weight	14.3 kg (31 lb)
Dimensions Height including IsoPod stand Height without IsoPod Width Depth	454 mm (17 <sup>7</sup> / <sub>8</sub> in) 433 mm (17 in) 287 mm (11 <sup>1</sup> / <sub>3</sub> in) 278 mm (11 in)

## AMPLIFIER SECTION

Bass amplifier short term output power	250 W
Midrange amplifier short term output power	150 W
Treble amplifier short term output power (Long term output power is limited by driver protection circuitry)	150 W
Amplifier system THD at nominal output	<0.05%
Mains voltage	100-240 VAC 50/60 Hz
Power consumption	
ISS active	< 1 W
Idle	16 W
Full output (short term)	200 W

## SIGNAL PROCESSING

	8351B
Analog signal input connector XLR female, balanced 10 kOhm	pin 1 gnd pin 2 non-inverting pin 3 inverting
Maximum analog input signal	+25.0 dBu
Analog input sensitivity (100 dB SPL at 1 m)	-6 dBu
Analog input sensitivity control	Adjustable from +36 to -6 dBu
Digital signal input connector XLR female 110 Ohm	AES/EBU Single Wire
Digital signal output / Thru connector XLR male 110 Ohm	AES/EBU Single Wire
Digital audio input	
Word length	16 - 24 bits
Sample rate	32 - 192 kHz
Digital input sensitivity (100 dB SPL at 1 m)	-30 dBFS
Digital input maximum attenuation using DIP switches	42 dB
Digital input maximum attenuation using GLM software	120 dB
Control network	
Type	Proprietary GLM™ network
Connection	2 RJ45, CAT5 cables
Crossover frequencies	
Bass/Mid	320 Hz
Mid/Treble	2800 Hz
GLM™ software frequency response adjustment*	
Parametric notch filters	16
Shelving filters	2 LF and 2 HF
System room response calibration	Genelec GLM AutoCal™, GLM™ manual, Stand-alone*

\* The notch and shelving filters adjustments, AutoCal™ and GLM™ manual system calibration features are part of the Genelec Loudspeaker Manager (GLM™) software

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