

SYSTEM SPECIFICATIONS

	S360A
Lower cut-off frequency, -6 dB	≤ 36 Hz
Upper cut-off frequency, -6 dB	≥ 22 kHz
Accuracy of frequency response, ± 2,0 dB	39 Hz – 19 kHz
Maximum short term sine wave acoustic output on axis in half space, averaged from 100 Hz to 3 kHz at 1 m	≥ 118 dB SPL
Maximum long term RMS acoustic output in the same conditions with IEC weighted noise (limited by driver protection circuit) at 1 m	≥ 112 dB SPL
Maximum peak acoustic output per pair in a listening room with music material at 1 m	≥ 128 dB SPL
Self generated noise level in free space at 1 m on axis (A-weighted)	≤ 10 dB
Harmonic distortion at 95 dB SPL at 1 m on axis Freq: 50...100 Hz 100 Hz...5 kHz > 5 kHz	< 1 % < 0,5 % < 1,5 %
Drivers Bass Treble	250 mm (10 in) cone Compression driver 44 mm (1.7 in) into a 25 mm (1 in) throat
Weight	30 kg (66 lb)
Dimensions Height Width Depth	530 mm (20 ⁷ / ₈ in) 360 mm (14 ³ / ₁₆ in) 360 mm (14 ³ / ₁₆ in)

AMPLIFIER SECTION

	S360A
Bass amplifier short term output power Treble amplifier short term output power (Long term output power is limited by driver protection circuitry)	250 W 100 W
Amplifier system THD at nominal output	<0,01%
Mains voltage	100-240 VAC 50/60 Hz
Power consumption ISS active Idle Full output (short term)	< 1 W 11 W 230 W

SIGNAL PROCESSING SECTION

	S360A
Analog signal input connector XLR female, balanced 10 kOhm	pin 1 gnd pin 2 non-inverting, pin 3 inverting
Maximum analog input signal Analog input sensitivity (100 dB SPL at 1 m) Analog input gain selection	+25,0 dBu -6 dBu 0, +6, +12, +18 dB
Digital signal input connector XLR female 110 Ohm Digital signal output / Thru connector XLR male 110 Ohm	AES/EBU Single Wire AES/EBU Single Wire
Digital audio input Word length Sample rate Digital input sensitivity (100 dB SPL at 1 m) Digital input gain selection	16 - 24 bits 32 - 192 kHz -30 dBFS 0, +6, +12, +18 dB
Control network Type Connection	Proprietary GLM™ network 2 RJ45, CAT5 cables
Crossover frequency	1.4 kHz
GLM™ software frequency response adjustment* Parametric notch filters Shelving filters	16 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