

Figure 11. The horizontal directivity characteristics of the 8361A (monitor in vertical orientation).

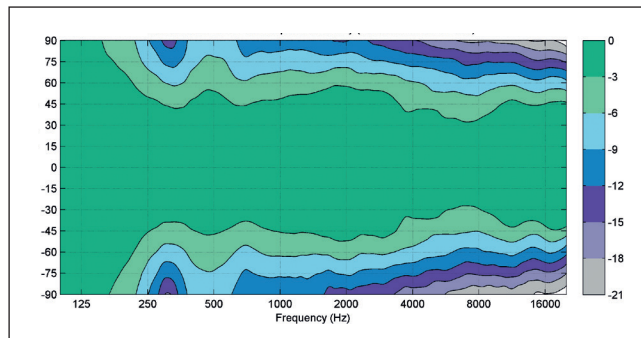


Figure 12. The vertical directivity characteristics of the 8361A (monitor in vertical orientation).

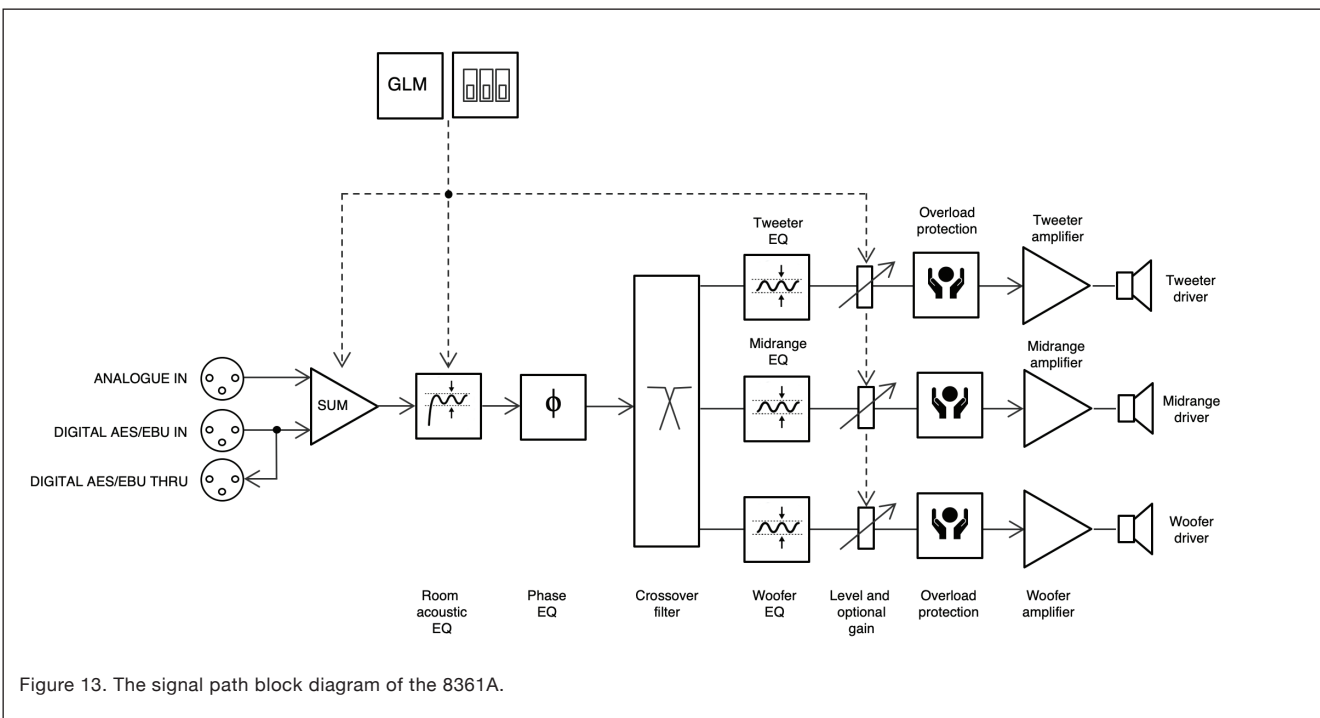


Figure 13. The signal path block diagram of the 8361A.

**SYSTEM SPECIFICATIONS**

Lower cut-off frequency, -6 dB	< 30 Hz
Upper cut-off frequency, -6 dB	> 43 kHz
Accuracy of frequency response, ± 1.5 dB	36 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	≥ 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	109 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)	≤ 5 dB
Harmonic distortion at 95 dB SPL at 1 m on axis Freq: 50...100 Hz > 100 Hz	< 3 % < 0.5 %
Drivers Bass Midrange Treble	Dual 263 x 137 mm (10 <sup>3</sup> / <sub>8</sub> x 5 <sup>3</sup> / <sub>8</sub> in) obround cones 130 mm (5 in) cone (coaxial) 25 mm (1 in) metal dome (coaxial)
Weight	31.9 kg (70.3 lb)
Dimensions Height including IsoPod stand Height without IsoPod Width Depth	593 mm (23 <sup>3</sup> / <sub>8</sub> in) 570 mm (22 <sup>7</sup> / <sub>16</sub> in) 357 mm (14 in) 347 mm (13 <sup>5</sup> / <sub>8</sub> in)

**AMPLIFIER SECTION**

Bass amplifier short term output power	700 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	< 1.5 W
Idle	20 W
Full output (short term)	600 W

**SIGNAL PROCESSING**

	<b>8361A</b>
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
Input to output delay at high frequencies, linear phase, analog input	4.2 ms
Input to output delay, analog input with ultra wide linear range (When using the AES/EBU digital audio input, the system latency may differ slightly from the published value due to effects of the active sampling rate)	8.6 ms
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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