

Genelec 1094A

Technical Specifications

Free field frequency response (± 2.5 dB):	29 - 80 Hz
Maximum short term sine wave acoustic output in half space, averaged from 35 Hz to 85 Hz @ 1m:	> 120 dB SPL
Self generated noise level in free field @ 1m on axis (A-weighted):	< 10 dB
Harmonic distortion at 100 dB SPL @ 1m on axis in half space (30-100 Hz):	< 3%
Driver:	385 mm (15")
Weight:	50 kg (110 lbs)
Dimensions:	
Height	739 mm (29 1/16")
Width	468 mm (18 7/16")
Depth	620 mm (24 7/16")

AMPLIFIER

Amplifier output power (Long term output power is limited by driver unit protection circuitry):	400 W (8 Ohm)
Amplifier system distortion at nominal output:	THD < 0.08% SMPTE-IM < 0.08% CCIF-IM < 0.08% DIM 100 < 0.08%
Signal to Noise ratio, referred to full output:	> 100 dB
Mains voltage:	100/200V or 115/230V
Power consumption (average):	Idle 60 VA Full output 650 VA

FILTER

Subsonic filter (18 dB/octave) below:	29 Hz
Crossover frequency (sub/main monitors):	85 Hz
Crossover frequency (sub input channel):	full band/85 Hz
Crossover acoustical slope	
Lowpass:	28 dB/octave
Highpass:	12 dB/octave
Midband rejection, frequencies > 400 Hz:	> 50 dB
Bass roll-off control operating range in 2 dB steps:	from 0 to -6 dB @ 33 Hz
Phase matching control in 90° steps:	from 0° to -270° @ 85 Hz

All data subject to change without prior notice