

# Genelec 1091A

## Technical Specifications

Free field frequency response ( $\pm 2.5$ dB):	38 - 85 Hz
Maximum short term sine wave acoustic output in half space, averaged from 45 Hz to 80 Hz @ 1m:	> 103 dB SPL
Self generated noise level in free field @ 1m on axis (A-weighted):	< 10 dB
Harmonic distortion at 95 dB SPL @ 1m on axis in half space (40-85 Hz):	< 3%
Driver:	210 mm (8")
Weight:	10.2 kg (22.4 lbs)
Dimensions:	
Height	505 mm (19 7/8")
Width	251 mm (9 7/8")
Depth	230 mm (9")

### AMPLIFIER

Amplifier output power (Long term output power is limited by driver unit protection circuitry):	70 W (16 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:	> 90 dB
Mains voltage:	100/200V or 115/230V
Power consumption (average):	Idle 9 VA Full output 100 VA

### FILTER

Lowpass filter above 85 Hz:	24 dB/Octave
Subsonic filter below 38 Hz:	18 dB/Octave
Crossover frequency (sub/main monitors):	85 Hz
Midband rejection, frequencies > 400 Hz:	> 50 dB
Level control operating range in -2dB steps:	from 0 to -8 dB (reference to 1029/2029 output)

*All data subject to change without prior notice*