

# Genelec 1092A

## Technical Specifications

Free field frequency response ( $\pm 2.5$ dB): 33 - 80 Hz

Maximum short term sine wave acoustic output in half space, averaged from 35 Hz to 85 Hz @ 1m: > 115 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): < 4%

Driver: 2 x 210 mm (2 x 8")

Weight: 30 kg (66 lbs)

### Dimensions:

Height 615 mm (24 3/16")

Width 320 mm (12 5/8")

Depth 510 mm (20 1/16")

## AMPLIFIER

Amplifier output power (Long term output power is limited by driver unit protection circuitry): 180 W (4 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 50 VA  
Full output 300 VA

## FILTER

Subsonic filter (18 dB/octave) below: 33 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*