

Genelec 1019A

System Specifications

Lower cut-off frequency, -3 dB:	< 60 Hz
Upper cut-off frequency, -3 dB:	> 20 kHz
Free field frequency response tolerance of system	± 3 dB
Maximum continuous sine wave acoustic output @ 1m on axis in half space, averaged from 100 Hz to 2 kHz	> 100 dB SPL
Maximum continuous RMS acoustic output in same conditions with IEC-weighted noise:	> 100 dB SPL
Maximum peak acoustic output per pair on top of a console, 1 m from the engineer, with music material	> 115 dB
A -20 dBu signal input will produce 88 dB SPL in a free field @1 m on axis with all controls set at the 'CAL' position. The CAL position is the 0 dB position of all tone controls and the maximum sensitivity position of the input level control. See specification in the Crossover Section	
Self generated noise level in free field @ 1m on axis	< 10 dB
Harmonic distortion at 85 dB SPL @ 1m on axis	
f < 300 Hz	< 3 %
f > 300 Hz	< 1 %
Drivers	
Bass	5" cone (125 mm)
Treble	13/16" soft dome (21 mm)
Weight	14.3 lb (6.5 kg)
Dimensions:	
Height	12" (305 mm)
Width	8 7/8" (225 mm)
Depth	9 5/8"(245 mm)

Amplifier

Bass amplifier output power at 4 ohm load:	
continuous	22 W
momentary	35 W
Treble amplifier output power at 8 ohm load:	
continuous	6 W
momentary	20 W

Treble channel continuous output power is limited by the

electronic overload protection

Slew rate 10 V / μ s

Amplifier system distortion at nominal output

THD < 0,2 %

SMPTE-IM < 0,2 %

CCIF-IM < 0,2 %

DIM100 < 0,2 %

Signal to Noise ratio, from shorted system input to channel output, referred to full output:

bass 83 dB

treble 87 dB

Mains voltage 110/220/240 VAC

Voltage operation Range \pm 10 %

Power consumption,

idle 5 VA

full output 50 VA

Crossover

Input connector: XLR female pin 2 +
pin 3 -

To feed from unbalanced output connect pin 3 to pin 1 (ground) in the cable connector

Input impedance 10 k balanced

Continuously variable input level for maximum output from + 12 dBu to - 8 dBu

Subsonic filter down 12 dB @ 25 Hz
re 100 Hz level

Ultrasonic filter down 12 dB @ 50 kHz
re 10 kHz level

Crossover frequency 3.5 kHz

Crossover acoustical slopes > 24 dB / octave

Tone control operation range in 2 dB steps

bass from 0 dB to - 8 dB

treble from + 4 dB to - 4 dB

The 'CAL' position is 0 dB, the treble control slot set at vertical position and bass at 1 o'clock

All data subject to change without prior notice

