Genelec 1022B

System Specifications

Lower cut-off frequency, -3 dB:	38 Hz
Upper cut-off frequency, -3 dB:	22 kHz
Passband response tolerance, free field	± 2 dB
Maximum continuous sine wave acoustic output @ 1m on axis in free field	> 108 dB
Maximum peak acoustic output per pair behind a console, 1.7 m from the engineer	> 121 dB

-9 dBu will produce 102 dB SPL in free field @ 1 m on axis with the controls at 'CAL' position

Self generated noise level in free field @ 1m on axis	< 15 dB (A)
Harmonic distortion at 98 dB SPL @ 1m on axis	
f < 200 Hz	< 3 %
f > 200 Hz	< 1 %
Horizontal treble radiation loss at 30 deg off axis	
f = 10 kHz	< 3 dB
f = 15 kHz	< 4 dB
Drivers	
Bass	300 mm cone
Mid	80 mm cone
Treble	25 mm dome
Weight	20 kg
Dimensions:	
Height	775 mm
Width	430 mm
Depth	410 mm

Amplifier

Input connector	XLR female
Bass amplifier output power:	
continuous	150 W
transients	190 W
Middle amplifier output power:	
continuous	32 W
transients	150 W
Treble amplifier output power:	
continuous	9 W
transients	150 W
Amplifier system distortion at nominal output	< 0,05 %
THD	< 0,05 %
SMPTE-IM	< 0,05 %
CCIF-IM	< 0,05 %

DIM100

Mains voltage, specifications	
applicable	220 VAC
operation	198...242 VAC

Other mains voltage specifications available on request

Power consumption,	
idle	30 VA
full output	400 VA

Crossover

Input impedance	10 kOhm balanced
Input level for maximum output, continuosly variable	-3...+16 dBu
Subsonic attenuation	12 dB @ 15 Hz
Ultrasonic attenuation	12 dB @ 50 kHz
Crossover frequency	400 Hz
bass / midrange	3.8 kHz
midrange / treble	
Tone control operation range in 1 dB steps	
bass	0...-6 dB
middle	0...-6 dB
treble	0...-6 dB
Bass roll-off filter, 2 dB steps	-6...0 dB @ 40 Hz

All data subject to change without prior notice