Genelec 1025B

System Specifications

Lower cut-off frequency, -3 dB:	28 Hz
Upper cut-off frequency, -3 dB:	20 kHz
Passband response tolerance, free field	± 3 dB
Maximum continuous sine wave acoustic output @ 1m on axis in half space	> 121 dB
Maximum peak acoustic output per pair behind a console, 2 m from the engineer	>128 dB
0 dBu will produce 107 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	< 20 dB (A)
Harmonic distortion at 105 dB SPL @ 1m on axis	
f < 200 Hz	< 3 %
f > 200 Hz	< 2 %
Horizontal treble radiation loss at 30 ° off axis	
f = 10 kHz	< 3 dB
f = 15 kHz	< 4 dB
Drivers	
Bass	2 x 385 mm cone
Mid	80 mm dome
Treble	38 mm dome
Weight:	
Speaker	98 kg
Amplifier	28 kg
Dimensions, Speaker:	
Width	1105 mm
Height	775 mm
Depth	553 mm
Dimensions, Amplifier:	
Width	483 mm
Height	354 mm
Depth	220 mm

Amplifier

Input connector	XLR female
Bass amplifier output power,	
continuous	2 x 225 W
transients	2 x 260 W
Middle amplifier output power	
continuous	100 W
transients	300 W
Treble amplifier output power	
continuous	20 W
transients	180 W
Slew rate	60 V /μs

Amplifier system distortion at nominal output	
THD	< 0,05 %
SMPTE-IM	< 0,1 %
CCIF-IM	< 0,1 %
DIM100	< 0,1 %
Mains voltage,	
specifications applicable	220 VAC
operation	198...242 VAC
Other mains voltage specifications available on request	
Power consumption,	
idle	100 VA
full output	1500 VA

Crossover

Input impedance	10 kOhm balanced
Input level for maximum output, continuously variable	+13...+23 dBu
Input attenuator, 2 positions	-10 / 0 dB
Subsonic attenuation	12 dB @ 15 Hz
Ultrasonic attenuation	5 dB @ 30 kHz
Crossover frequency	
bass / midrange	500 Hz
midrange / treble	3,5 kHz
Tone control operation range	
1 dB steps	
bass	0...-6 dB
middle	0...-6 dB
treble	0...-6 dB
Bass roll-off filter, 2 positions	-4 or 0 dB @30 Hz
Bass tilt control, 4 steps, 2 dB / step	-4...+2 dB @60 Hz

All data subject to change without prior notice