

# Genelec 1025A

## System Specifications

		<b>Min</b>	<b>Typ</b>	<b>Max</b>
Four-way vented box (B6) system with dynamic drivers. The system acoustical axis is on the midrange driver axis.				
Lower cut-off frequency,	-3 dB, Hz	26	28	30
Upper cut-off frequency,	-3 dB, kHz	17	20	
Passband response tolerance, free field	± dB		2	3
Maximum continuous acoustic output at 1m on axis in half space	dB	118	120	
Harmonic distortion at 105 dB SPL @ 1m on axis	f < 200 Hz		2	3
	f > 200 Hz		0.5	2
Treble radiation loss at 30 ° off axis	at 10 kHz, dB		3	5
	at 15 kHz, dB		4	7
Drivers				
Bass	2 x 385 mm			
Mid	80 mm			
Treble	28 mm			
	21 mm			
Enclosure finish	Black			

## Amplifier

		<b>Min</b>	<b>Typ</b>	<b>Max</b>
Four identical class AB power amplifiers mounted with the power supply on the cooling plate, which is also the amplifier's mechanical frame. The mid and treble amplifier power limiters track their respective driver's thermal response.				
Bass output voltage at 4 ohms load	continuous, V	2 x 29	(2 x 200 W)	
	transients, V	2 x 32	(2 x 250 W)	
Mid output voltage at 4 ohms load	continuous, V	18	(80 W)	
	transients, V	38	(360 W)	
Treble output voltage at 4 ohms load Channels driven separately	continuous, V	13	(40 W)	
	transients, V	38	(360 W)	
Slewing rate	V/μs	60		
System distortions at nominal output	THD, %		0,05	0,2

	SMPTE-IM, %	0,1	0,2
	CCIF-IM, %	0,1	0,2
	DIM, %	0,1	0,2
Open-loop gain	dB	55	
Open-loop bandwidth	kHz	80	
Negative feedback	dB	25	

## Crossover

		Min	Typ	Max
Three parallel band pass filters with common symmetric input stage and individual output controls.				
Input impedance (balanced)	kOhm		10	
Input level for maximum output, 2 settings	dBu	+13		+23
0 dBu will produce 107 dB SPL in free field at 1 m on speaker axis with volume and tone controls at 'cal' position				
Subsonic attenuation	at 15 Hz, dB		14	
Ultrasonic attenuation, 2nd order	30 kHz, dB		5	
Crossover frequency, bass / midrange	Hz		400	
midrange / treble	kHz		3,3	
treble / high treble	kHz		7	
Output controls, all channels	dB		-6	0
Bass tilt filter, adjustable in 2 dB steps	at 60 Hz, dB	-4		+2
Bass roll-off switch, two positions	at 30 Hz, dB	-4		0

## General

		Min	Typ	Max
Input connector	XLR 3-31			
Self generated noise level, at 1m on axis	dB(A)		20	
Operating temperature	C°	0		45
Specifications applicable	C°	15		30
Relative humidity, non condensing	%	20		85
Mains voltage specifications applicable operation	VAC VAC		220	
		198		242
Power consumption	VA	50		1500

## DIMENSIONS

### **Amplifier:**

Height	mm	354 (U)
Width	mm	483
Depth	mm	220
Weight	net, kg	28
	shipping, kg	35
Volume	shipping, cu m	0.1

### **Speaker:**

Height	mm	775
Width	mm	1105
Depth	mm	553
Weight	net, kg	98
	shipping, kg	120
Volume	net, liters	320
	shipping, cu m	0.65

All data subject to change without prior notice