

GAN SERIES AMPLIFIERS



GAN Series	GAN16/16-4504	GAN32/16-4504	GAN24/24-6704	GAN32/24-6704	GAN24/24-6704 ²	GAN32/24-6704 ²	GAN32/32-6704	GAN32/32-6704 ²
DSP Channels	16	32	24	32	24	32	32	32
Channels	16	16	24	24	24	24	32	32
Output Power 230V @4Ω	16 x 280 W	16 x 280 W	24 x 280 W	24 x 280 W	24 x 280 W	24 x 280 W	32 x 280 W	32 x 280 W
Output Power 230V @8Ω	16 x 140 W	16 x 140 W	24 x 140 W	24 x 140 W	24 x 140 W	24 x 140 W	32 x 140 W	32 x 140 W
Bridged: Output Power 230V @8Ω	8 x 500 W	8 x 500 W	12 x 500 W	12 x 500 W	12 x 500 W	12 x 500 W	16 x 500 W	16 x 500 W
W x H X D (mm)	483 x 87,5 x 421	483 x 87,5 x 421	483 x 87,5 x 421	483 x 87,5 x 421	483 x 132,6 x 431	483 x 132,6 x 431	483 x 87,5 x 421	483 x 132,6 x 431
W x H X D (inch)	19 x 3,5 x 16,6	19 x 3,5 x 16,6	19 x 3,5 x 16,6	19 x 3,5 x 16,6	19 x 5,2 x 17	19 x 5,2 x 17	19 x 3,5 x 16,6	19 x 5,2 x 17
Weight (kg)	11,2	11,2	12,9	12,9	17,5	17,5	13,4	18
Weight (lbs)	24,69	24,69	28,44	28,44	38,58	38,58	29,54	39,68
Speaker output	Phoenix	Phoenix	Phoenix	Phoenix	Phoenix	Phoenix	Phoenix	Phoenix
Input	16 x input matrix per channel (Dante AES67 / MADI)	32 x input matrix per channel (Dante AES67 / MADI)	24 x input matrix per channel (Dante AES67 / MADI)	32 x input matrix per channel (Dante AES67 / MADI)	24 x input matrix per channel (Dante AES67 / MADI)	32 x input matrix per channel (Dante AES67 / MADI)	32 x input matrix per channel (Dante AES67 / MADI)	32 x input matrix per channel (Dante AES67 / MADI)
Filter per channel	32 x EQ / Highpass / Lowpass / bell, notch, highshelf, lowshelf, 6-48 dB / Oct. Besser, Butterworth, Linkwitz/Riley, Variable Q							
FIR Filter	2047 Tabs, ACII file import							
Delay	48000 Samples / 330 m / 1000 ms per channel							
THD+N @ 4 Ω	1W < 0,05% / 10W < 0,05% / 280W < 1% / 300W < 2%							
Analog Gain	Software Adjustable, 0dBFS on any Input Interface ⇒ 20Vp - 60Vp (default: 60Vp)							
Protection	Overtemperature / DC / Overcurrent							
Power supply	Universal, regulated switch mode with PFC (Power Factor Correction)	Universal, regulated switch mode with PFC (Power Factor Correction)	Universal, regulated switch mode with PFC (Power Factor Correction)	Universal, regulated switch mode with PFC (Power Factor Correction)	Two Universal, regulated switch mode with PFC (Power Factor Correction)	Two Universal, regulated switch mode with PFC (Power Factor Correction)	Universal, regulated switch mode with PFC (Power Factor Correction)	Two Universal, regulated switch mode with PFC (Power Factor Correction)
Required AC Mains VAC (50Hz-60Hz)	90 - 264	90 - 264	90 - 264	90 - 264	90 - 264	90 - 264	90 - 264	90 - 264
Inrush Current	50A max.	50A max.	50A max.	50A max.	60A max.	60A max.	50A max	60A max.
Amps power off @ 230V	31 kcal/h – 123 BTU/h		31 kcal/h – 123 BTU/h			31 kcal/h – 123 BTU/h		
Idle @ 230 V	58 kcal/h – 230 BTU7h		71 kcal/h – 282 BTU7h			84 kcal/h – 333 BTU7h		
1/8 power @ 4 Ω @ 230 V	150 kcal/h – 595 BTU/h		210 kcal/h – 833 BTU/h			269 kcal/h – 1066 BTU/h		
Amps power off @ 110 V	31 kcal/h – 123 BTU/h		31 kcal/h – 123 BTU/h			31 kcal/h – 123 BTU/h		
Idle @ 110 V	58 kcal/h – 230 BTU7h		72 kcal/h – 286 BTU7h			88 kcal/h – 349 BTU7h		
1/8 power @ 4 Ω @ 110 V	152 kcal/h – 603 BTU/h		212 kcal/h – 840 BTU/h			270 kcal/h – 1071 BTU/h		