



Model No. GX1800

Part No. 11-9002-008

DATASHEET

APPLICATION

- Bars, Pubs, Clubs
- Entertainment Venues,
- Theatres
- Houses of Worships, Exhibition Centers



Key Features

- 900*2 watts at 8 Ohms Power Amplifier
- Flow-through air path and solid aluminum Heat sinks for maximum cooling
- Class H topology, the FX Series ideal For live sound / production applications.
- Front panel LEDs indicate status of switch settings
- Parallel XLR/M connectors for input connectivity
- Neutrik Speakon® for outputs connectivity
- 2 year warranty, plus optional 2 year extended service contract
- Linear Class H output circuit offer double the typical efficiency of Class B, reducing AC current consumption and cooling requirements
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Product Description

DAT Audio GX Series SMPS power Amplifier offers you a stunning 3600 watts RMS power at 4 ohms. Each equipment includes independent logic high rate of power supply, which can control electrical circuit to adjust power output and voltage from time to time, and to respond the request of signal and load,

So it can get the best power match under the wide range of load, to ensure the power amplifier will not be overheating. It is a stable amplifier with high sonic quality and suitable for large concerts, stadiums, indoor and outdoor mobile gigs as well Extensive Protection Circuitry including overpressure, over-current, short circuit, over-temperature, clip limiter, so as to prevent damage caused by man-made and environmental factors ensures high quality performance year after year.

PECIFICATIONS	GX1800	GX2800	CE3000
4 Channel Models	<i>OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven</i>		
8Ω EIA 1 kHz 1% THD	900 W	1100 W	1500 W
4Ω EIA 1 kHz 1% THD	1800 W	1200 W	3000 W
Signal Noise Ratio	112db		
Damping coefficient:	1000 @ 8Ω		
Frequency Response (8 ohms)	20 Hz–34 kHz, ±0.3dB /1w/8Ohms		
Total Harmonic Distortion	<0.1% (20 Hz to 20 kHz 1W)		
Damping Factor (8 ohms)	500		200
Output Circuitry	Class H (2-tier)		Class D
Input Sensitivity 26 dB Setting 32 dB Setting	3.28V 1.60V	3.92V 1.96V	5.27V 2.67V
Maximum Gain (1.2V setting)	34.5 dB	36.4 dB	39.1 dB
Front Panel Controls	2/4 Level Control / Power On/ Off Switch		
AC Power Requirements ** 120V 50/60 Hz 230V 50 Hz	8.5 A 7.5 A	12 A 7 A	18 A 11 A
Input Common Rejection Ration	80db		

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Input Sensitivity	0.77V-1.44V		
	<i>ALL MODELS</i>		
Input Impedance	> 20 K Ω balanced		
Cooling	Cooling: step less speed fan, air flow from front to back		
Connectors (each channel)	Input: XLR Female and 3-pin Output: Neutrik Speakon®		
Level Adjustment	Front plate potentiometer, from negative infinity to 0dB		
Amplifier and Load Protection	Short circuit, open circuit, DC voltage, overheating, overvoltage, RF, ultra-low frequency protection		
Packaging Dimensions	Height: 5.8" (150mm) 3RU Width: 23" (600 mm) Depth: .19.6" (500 mm) from front mounting rails		
Chassis Dimension	Height:3.4" (88mm) 3RU Width: 19.2" (490 mm) Depth: .16.9" (430 mm)		
Net Weight / Gross weight	13.5KG		16.5KG