

DAMP 2.2800HD

2 X 2800 Networkable Digital Power Amplifier with DSP and FIR filters with optional DANTE



FEATURES

- **5.6 KW class D amplifier in a compact (1U) design**
- **Remote configuration/ status monitoring over ethernet**
- **FIR filters with 1024 taps**
- **Built in DSP with 2X2 matrix, PEQ, Delay, Crossover, Compressors & Limiters**
- **Active Power Factor Correction (PFC) circuit that can adopt to a wide range of voltage (90 - 264V)**
- **Switch between stereo, bridge, mono and matrix mode easily through software**
- **DANTE available as an option**

The Alpha Acoustics® DAMP 2.2800HD is a 5.6kW Class-D networkable amplifier that supports the most demanding applications. The amplifier DSP provides multiple functionalities namely, parametric EQ, Delay, Noise Gate, limiters and compressors. The amplifier has a built in DSP and also enables selection of presets for any Alpha Acoustic pro-audio speaker. A DANTE version of the amplifier is available for larger networked systems.

DAMP 2.2800HD SPECIFICATIONS

Rated output	2 X 2800W @ 8Ω / 2 X 4500 @ 4Ω 2 X 5500 @ 2Ω
Frequency response (±0.5dB)	20 Hz - 20 kHz
Input Impedance	Balanced / Unbalanced :20KΩ/10KΩ
S/N Ratio (A weighted)	>104 dB
Damping factor	>600
DSP Processing	96KHz Sampling rate, 32/40-bit floating Processing, 24-bit A/D and D/A conversion
Output EQ	31-band PEQ, EQ type : PEQ/Low-shelf/Hi-shelf
Delay	0-2000 ms for each of the input/output channels
Input Power	90 - 264V AC, 50/60 Hz
FIR filter	10 filters, Top to 1024 TAPS
Dimensions	1U, 19"
Net weight	8.5 Kg

APPLICATIONS

Auditoriums / Townhalls / Clubs / Amphitheatres / Meeting rooms
Houses of worship

**Specifications subject to change without notice. 01/2023*

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