

DAMP 4.300CM / DAN

4X300W Digital Mixer Amplifier
with built-in DSP and optional
DANTE



FEATURES

- **1200W class D amplifier in a compact (1U) design**
- **Remote status monitoring**
- **4 Analogue Input Channels - XLR / phoenix**
- **Built in 4X4 matrix for routing audio**
- **DSP with limiter, noise gate, parametric EQ & delay**
- **Built in FIR filters**
- **100V/70V configuration**
- **IPS color display**
- **Switch between stereo, bridge, mono and matrix mode easily through software**
- **DANTE available as an option**

The Alpha Acoustics® DAMP 4.300CM is a 1200W Class-D amplifier that has a built in DSP and 4X4 matrix. The amplifier DSP provides multiple functionalities namely, parametric EQ, Delay, Noise Gate, limiters and compressors. All functions are accessible over the easy to use software which enables the user to dial in the required parameters quickly. A DANTE version of the amplifier is available for larger networked systems. The DAMP 4.300CM is a mixer amplifier and DSP matrix in one.

DAMP 4.300CM SPECIFICATIONS

Rated output	4 X 300W @ 8Ω / 4X 500W @ 4Ω / 2 X 900W @ 8Ω bridged
Output	100V or 4-16Ω switchable through software
Frequency response (-3dB)	20 Hz - 20 kHz
THD	< 0.1% at 1 kHz (1/3 Rated Power)
DSP	48KHz 24bit
Inputs	Balanced analog 4×XLR / DANTE (optional)
S/N Ratio	6dB sensitivity: 97dB; 0dB sensitivity
Gain	6dB sensitivity: 30dB (×29.5)
DANTE	Optional
Input EQ	5 Bands
Output EQ	9 Bands
Connectors	USB / RS232 / 485/ GPIO / TCP/IP
Display	240 X 240, IPS color display
Input Power	220 - 240V AC, 50/60 Hz & 24DC
Protection	Current Limiter / Short Circuit / Thermal protection
Dimensions	44 (H) X 483 (W) X 265 (D) mm - 1U, 19"
Net weight	4.65 Kg

APPLICATIONS

Retail shops / Cafeterias / Shopping Malls / Office buildings

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

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