

# DAMP 2.300CM

2X300W Digital Mixer Amplifier  
with built-in DSP



## FEATURES

- **600W class D amplifier in a compact (1U) design**
- **Remote status monitoring**
- **2 Analogue Input Channels - XLR / RCA**
- **Built in 2X2 matrix for routing audio**
- **Built in DSP(48KHz/24 bit) 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 2.300CM is a 600W Class-D amplifier that has a built in DSP and 2X2 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 2.300 is a mixer amplifier and DSP matrix in one.

## DAMP 2.300CM SPECIFICATIONS

Rated output	2 X 300W @ 8Ω / 2 X 500W @ 4Ω / 1 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)
S/N Ratio	> 97 dB
Input EQ	5 Bands
Output EQ	9 Bands
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	4.2 Kg

## APPLICATIONS

Retail shops / Cafeterias / Shopping Malls / Office buildings

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

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