

DAMP 4.300CM / DAN

4X300W Digital Mixer Amplifier
with built-in DSP and optional
DANTE/AES 67



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**
- **Auto standby functionality**
- **100V/70V configuration**
- **IPS color display**
- **Switch between stereo, bridge, mono and matrix mode easily through software**
- **DANTE /AES67 models available**

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/AES67 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 / 2 X 900 @ 100V
Output	100V or 4-16Ω switchable through software
Frequency response (-3dB)	20 Hz - 20 kHz
THD+N	< 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
Crosstalk	>82 dB
Gain	6dB sensitivity: 30dB
Dynamic Range	>101 dB
DANTE	Available with DANTE version(4X4)
AES67	Available with AES version
Input EQ	5 Bands
Output EQ	9 Bands
Digital Control	RS232 / 485/ GPIO / TCP/IP
USB Audio	2 X 2
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

ORDERING INFORMATION**DAMP 4.300CM** - Analogue Amplifier**DAMP 4.300CM/DAN** - DANTE Amplifier**DAMP 4.300CM/AES** - AES67 Amplifier**APPLICATIONS**

Retail shops / Cafeterias / Shopping Malls / Office buildings

Specifications subject to change without notice. 01/2023*Head Office**Alpha Acoustics
Vinecká 1,
293 01 Mladá Boleslav
Czech Republic
info@alphacoustics.com**EMEA Office**Alpha Acoustics DWC-LLC
BUILDING A3, Office No. DLC-BC-A3-3-OSSD6-04
Dubai South Business Center,
Dubai Logistics City
Dubai, United Arab Emirates