

Amplifier

MPA series are professional amplifiers feature built-in DSP and and secure, remote control over the cloud.

Connect the amplifier easily to the WebUI on any HTML5 capable browser (MAC, PC, IOS, Android) with the built-in WiFi hotspot, or to a local area network via cat5 cable.

Multiple amplifiers can be controlled through the same WebUI using the trusted and comprehensive workflow of our IntelliWare software package.

Log in to Apex Cloud and remotely manage your amplifiers from your office. Save time and money by monitoring performance and adjusting functions without the need for a site visit.

Featuring high-end studio-grade analogue circuit designs, the MPA series sets a new benchmark in powered system management and speaker processing design. The proprietary Class-D amplifier control loop features GlidePath direct drive technology and exceptionally low intermodulation figures resulting in wide stereo imaging.

Whether the application is a standalone system amplifier, or a comprehensive networked system with multiple amplifiers, the MPA series is designed to provide the solution that our clients demand. With comprehensive loudspeaker preset capability, implementing CloudPower into your system couldn't be easier.



MPA4350 MPA4700 MPA41500

4 channels Power amplifier - DANTE



AC Main Power

Power supply	Universal, regulated switch mode with PFC
Operating voltage	100-240V $\pm$ 10%, 50-60Hz

Audio

Gain	-80 to +15dB, 0, 1dB steps
Frequency response	1Hz - 22kHz (1W @8 Ω $\pm$ 0,5dB)
S/N ratio	> 115dB (20Hz-20kHz @8 Ω , A weighted)
Crosstalk separation	> 70dB @ 1kHz
Input impedance	10k Ω balanced
THD+N / SMPTE IMD / DIM100 IMD	< 0,1% from 0,1W to full power
Slew rate	> 50 V/us @8 Ω , input filter bypassed
Damping factor	> 500 @ 20-100Hz (Lo-Z)

Front panel

Indicators	Daylight viewable colour OLED display / Real time level, limit and fault indicators
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Rear panel

Audio signal input connectors	4 balanced analog line inputs 4 x 3-pin Phoenix
Loudspeaker output connectors	Analog line outputs 4 x 2-pin Phoenix
Networks data Ports	Single port Ethernet Gigabit interface
Software Controls	IntelliCloud

Warranty 5 years

Dante Audio Networking

Dante card prefitted in MPA4350 DANTE / MPA4700 DANTE / MPA41500 DANTE

Retrofit option card available for MPA4350 / MPA4700 / MPA41500

4 Dante input channels with adjustable gain in the amplifier channel mixer

Supports 48/96kHz Dante networks

Two Gigabit network ports for the Dante network, configurable in switched or redundant mode

Supports AES67

Locate function (from Dante Controller, locate mode can be switched on to make the network port LEDs flash to locate them)

MPA series

Technical Specifications

Amplifier model	MPA4350	MPA4700	MPA41500
Total burst power (all channels driven)	1400	2800	6000
2 ohms	350	700	1500
4 ohms	350	700	1500
8 ohms	350	500	1500
16 ohms	250	250	1000
Hi-Z 70V	280	280	1500
Hi-Z 100V	140	140	1500
Max Output Power bridged mode			
4 ohms	700	1400	NA
8 ohms	700	1400	NA
16 ohms	700	1000	NA
Power and Thermal 115V			
Idle Power	30W	30W	60W
Idle Current Draw	0.3A	0.3A	0.6A
Idle Thermal loss	102 BTU/h	102 BTU/h	204 BTU/h
1/8 Power @ 4 Ohm Power	185W	375W	800W
1/8 Power @ 4 Ohm Current Draw	1.6A	3.3A	7A
1/8 Power @ 4 Ohm Thermal loss	341 BTU/h	682 BTU/h	1364 BTU/h
Power and Thermal 230V			
Idle Power	30W	30W	60W
Idle Current Draw	0.15A	0.15A	0.3A
Idle Thermal loss	102 BTU/h	102 BTU/h	204 BTU/h
1/8 Power @ 4 Ohm Power	185W	375W	800W
1/8 Power @ 4 Ohm Current Draw	0.8A	1.65A	3.5A
1/8 Power @ 4 Ohm Thermal loss	320 BTU/h	640 BTU/h	1280 BTU/h
Physical			
Unit Dimensions	483 x 44.5 x 358 mm	483 x 44.5 x 358 mm	483 x 44.5 x 458 mm
Shipping Dimensions	610 x 150 x 420 mm	610 x 150 x 420 mm	610 x 150 x 610 mm
Unit Weight	5 kg - 11 Lbs	6 Kg - 13 Lbs	8 kg - 17 Lbs
Shipping weight	6.5 Kg - 14.5 Lbs	7.5 Kg - 16.5 Lbs	9.5 Kg - 21 Lbs

MPA4350 - MPA4700 :



MPA41500 :

