



POWER 4x500w RMS 1Ω

POWER 4x350w RMS 2Ω

POWER 4x200w RMS 4Ω

## MAX PA1-500.4DZ1

### MAXIMUM EFFICIENCY EVOLVED

The MAX PA1 series amplifiers are the next generation high efficiency, full range, Class D amplifiers - engineered to perfection with handpicked, high-grade components and innovative design features that guarantee long-time, maximum output performance.

### VCC - OPTIMIZED AIR FLOW

The unique heatsink, in extruded aluminum with a reinforced A-star backplate, features thermal properties developed to optimize and control the amplifier temperature. The GAS VCC (Vented Cross Cooling) system keeps cool air flowing constantly forward over the components, forcing out the hot air through the thermal openings in the opposite side of the chassis.

### HIGH QUALITY VERSATILITY

The advanced, full range, class D circuitry on a 4-layer PCB allows any type of speaker to be connected - subwoofers, drivers, tweeters or coaxial speakers. The high pass filter is adjustable between 15-6000Hz, and the low pass filter is adjustable from 50Hz up to 6000Hz. To fine tune the bass frequencies (45Hz) on channel 3 and 4 there is a 0-12dB Bass EQ level control.

### POWER MANAGEMENT AND CONTROL

The high-power, continuous output from the MAX PA1 series is made possible thanks to a high-voltage, stabilized power supply that fully monitors voltage variations from the car's battery. The amplifiers also have a 4-way protection circuit system; Thermal-, Short circuit-, Overload Protection and a Turn on delay.

Setting (and maintaining) the correct output level is optimized thanks to the Clip LEDs on the amplifier. No clip light indicates that the distortion is less than 1%, anything above and the advanced protection circuitry kicks in.

### SIZE MATTERS

Using accurate sized cables will improve the current flow. MAX PA1-500.4DZ1 have been equipped with plus-size 8AWG (10mm<sup>2</sup>) speaker cable outputs and actual sized 0AWG (50mm<sup>2</sup>) power and ground connectors, made to secure maximum performance.

## SPECIFICATIONS

### MAX PA1-1500.2DZ1

Component	Pro Amplifier
Topology	Full range class D
Channels	4 channel
Input mode	4 channel
Power RMS (1 Ohm)*	4x500W
Power RMS (2 Ohm)*	4x350W
Power RMS (4 Ohm)*	4x200W
Bridged RMS (2 Ohm)*	2x1000W
Bridged RMS (4 Ohm)*	2x750W
Frequency response	15-22000Hz
Low Pass Filter	50-6000Hz
High Pass Filter	15-6000Hz
S/N ratio (A-weighted)	>92dB
Bass EQ	0-12dB @ 45Hz
Crossover slope	12dB
Power/REM voltage	10-16V
Input sensitivity	0.2-10V
THD+N	<0.1%
Damping Factor	>120
High level input	N/A
RCA line out	N/A
CLIP	Yes
Maximum current	250A

\*CEA-2006 Power Standard, 14.4V >1% THD

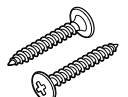
## RECOMMENDED CABLES

CABLE	REC. MIN SIZE	MAX SIZE
Power cable	0AWG (50mm <sup>2</sup> )	0AWG (50mm <sup>2</sup> )
Speaker cable	12AWG (4mm <sup>2</sup> )	8AWG (10mm <sup>2</sup> )
REM cable	18AWG (0.75mm <sup>2</sup> )	12AWG (4mm <sup>2</sup> )

## INCLUDED ACCESSORIES



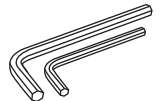
Sticker (1pc)



Screws (6pcs)



Manual (1pc)



Allen keys (2pcs)

## DIMENSIONS

