

ALLDSP

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INNOVATIVE  
AUDIO SOLUTIONS

The PDS-2P0505 is a powerful Plate Amplifier with one analog input, two power outputs (2x500W @ 4 Ohms) and a frequency range up to 40kHz. The rugged analog input stage accepts input voltages of up to +23dBu thus matching any source on the market today, with an excellent dynamic range of 114dB. Using a switch-mode power supply for clean power supply rails and superior ruggedness, 64-bit digital processing and some of the best converters available on the market today, the PDS-2P0505 offers sound quality that sets standards in professional as well as high-end home audio.



## FEATURES

- 2x500W output power @ 4 ohms, 2x300W output power @ 8 ohms
- Sub-assembly for plug-and-play integration into an active loudspeaker cabinet
- 114dB dynamic range (inputs) / 114dB dynamic range (outputs)
- Electronically balanced inputs
- Matched-impedance outputs
- Frequency range 20Hz....40kHz
- 10 parametric filters per input and output
- EQs can be set as Bell, High Shelf, Low Shelf, Notch, Allpass, Band Pass, High Pass, Low Pass
- 40ms delay per input, 10ms delay per output
- Butterworth, Bessel, Linkwitz-Riley filters up to 24dB / oct.
- True RMS Compressor
- Zero Attack Peak Limiter
- Latency 660 microseconds
- Full configuration and real-time monitoring via PC, MAC, iPad or iPhone
- 100 Presets
- 64 bits multi-mode digital processing
- Loudspeaker Library support