



D500ASW PWM Amplifier + SMPS



D500ASW specs

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|-------------------------|-----------------------|
| Rated power 4 ohms | 500W |
| Power supply max. | 115V AC / 230V AC |
| Aux. supply | n.a. |
| Freq. range (+0, -1dB) | 20 - 20.000 Hz |
| THD + N | 0.02% typ. |
| Max. output current | 32A |
| Min. load impedance | 4 ohms |
| Input voltage | 1V - 10 k – balanced |
| Operation | Half bridge amplifier |
| Plugin/expansion header | Yes |
| Peak limiter | Yes |
| Dimensions | 166 x 100 x 35mm |
| Heatsink | external (small) |
| Available as sample | Yes |
| Available as OEM design | Yes |

D500ASW is a PWM / Class-D amplifier with on-board Switch-Mode Power Supply designed to give very high performance in audio quality and to deal with all aspects of amplifier use and applications including amplifier + power supply combination, multichannel use, active crossover use, etc.

Power output is 500W into 4 ohms, overcurrent protection is likely to operate with continuous high power levels into 2 ohms.

D500ASW is all full bandwidth module (20 kHz power bw) and can be used for a broad range of applications from HIFI, Home Cinema to Pro Audio, Active Speakers, Installation...

Sound quality is very good indeed and THD + N is 0.02% or better.

The D500ASW can power an external D500A module.

D500ASW has these connections:

- * Balanced input header (3-pin molex)
- * Expansion header (8-pin molex) with in/out/output + power for external signal processing, crossover, eq,...
- * Front panel header (7-pin molex) with volume control in/out + output to led meter and power for this.
- * Channel-2 link (6-pin molex) with clock and audio connection to additional channel module.
- * Mode selector (2x6 pin molex) selects fullrange, high or low for both main module and ch-2.
- * Power input (3-pin connector) 115V / 230V AC

