

# PR-AA Series



PR-AA 900    PR-AA 1200    PR-AA 2000

Rückansicht PR-AA 2000

## PR-AA Series

**Models: PR-AA 700, PR-AA 900, PR-AA 1200, PR-AA 1500, PR-AA 2000**

The **PR-AA Series** Professional Power Amplifier represent the high end of power amplifiers in a compact and lightweight 2HU rugged steel housing. Due to latest HEF switch technology the **PR-AA Series** amplifiers featuring 1/3 lower weight and 20 % better efficiency than usual circuit technologies.

The Amplifiers are equipped with a stabilized power supply to generate a 4 stage voltage supply accordingly to the transient power requirement of the MOS-FET / Bipolar solid state output stage. This "Dynamic Power Management" allows high slew rates also during high power output to follow digital sound signal sources without compromising in low frequency capability.

All systems allow full  $2\Omega$  operation or  $4\Omega$  bridged mode at low amplifier temperatures for long term high output. The amp's are equipped with limiter, no fault safety circuit, fans and proved in- and output connectors for easy hook up in any situation.

The Amplifiers are using a special "Soft Clipping Circuit" which allows short time dynamic peaks with 30dB head room and limits longer term overloads, which are difficult to handle for the speakers.

The amplifiers of the **PR-AA Series** are the choice if the professional user expecting rugged and reliable quality at the coolest price.

All technical specifications are subjected to be changed without prior notice!

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## Technical Data

Model	PR-AA 700	PR-AA 900	PR-AA 1200	PR-AA 1500	PR-AA 2000
<b>Output Power (RMS) 2x2Ω</b>	2x450 W	2x600 W	2x1000 W	2x1100 W	2x1450 W
<b>Output Power (RMS) 2x4Ω</b>	2x350 W	2x450 W	2x600 W	2x750 W	2x1000 W
<b>Output Power (RMS) 2x8Ω</b>	2x210 W	2x260 W	2x350 W	2x450 W	2x650 W
<b>Output Power (RMS) 1x4Ω</b>	1x900 W	1x1200 W	1x2000 W	1x2200 W	1x2900 W
<b>Output Power (RMS) 1x8Ω</b>	1x700 W	1x900 W	1x1300 W	1x1600 W	1x2000 W
<b>Sensitivity (balanced)</b>	1 V	1 V	1 V	1 V	1 V
<b>Signal to noise</b>	> 110 dB	> 110 dB	> 110 dB	> 110 dB	> 110 dB
<b>Slew rate</b>	60 V/us	60 V/us	60 V/us	60 V/us	60 V/us
<b>Frequency range (-1dB)</b>	18 Hz–25 kHz	18 Hz–25 kHz	18 Hz–25 kHz	18 Hz–25 kHz	18 Hz–25 kHz
<b>THD / TIM</b>	< 0,05 / 0,03%	< 0,05 / 0,03%	< 0,05 / 0,03%	< 0,05 / 0,03%	< 0,05 / 0,03%
<b>Damping factor (8Ω/1kHz)</b>	600	600	600	600	600
<b>Net Weight</b>	13 kg / 28,5 lbs	13,5 kg / 30 lbs	14,5 kg / 32 lbs	14,8 kg/33 lbs	15,8 kg / 35 lbs
<b>Dimensions W/H/D (mm)</b>	19"/88(2HU)/360	19"/88(2HU)/360	19"/88(2HU)/360	19"/88(2HU)/380	19"/88(2HU)/380

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