

# Digital Power Amplifier



PR D3200 back view



up : PR D3200  
down : PR D550 PR D880

## PR D Series

Models : PR D550, PR D880, PR D1200, PR D3200, PR D4800, PR D6500LF

The **PR D Series** Professional Digital Power Amplifier represent the high end of power amplifiers in regards the ratio between power and weight. Due to state of the art circuit technology this amplifiers are reaching about 100% more output power at 50% less weight in comparison to "usual" power amplifiers.

The **PR D550** and **PR D880** are robust and affordable 2-channel full-digital power amplifiers which are combining their high output power with an unbeatable small weight (1HU / 260mm, 3,8kg res. 4,2kg) without compromising in durability. The amplifiers featuring Fans and all necessary safety circuits. The amps showing professional XLR in/output connectors and Speakon® speaker connectors.

The **PR D1200**, **PR D3200** and **PR D4800** are high end full-digital 2 channel power amplifiers which are featuring a very high output power with a very compact and light weight housing (1HU / 320 res. 370mm, 7,0 res. 8,2kg) in a rugged 1HU steel housing. Due to the professional engineered circuit lay out the amps allowing full 2Ω stereo and 4Ω bridged mode with extremely low power loss at full power output. The amps are equipped with limiter, "no fault safety circuit", fans, massive XLR input and Speakon® metal-version speaker connectors to ensure a fast and safe cable hook up in any system.

The **PR D6500LF** is a full-digital **low frequency power amplifier**, which delivers - due to this special design - a very high output power for bass speakers (6500 W RMS in 4Ω). in a very small 1HU housing.

If high output power in a very small housing with high end quality is the goal - the amplifiers of the **PR D Series** are the choice.

## Specifications

Model :	PR D550	PR D880	PR D1200	PR D3200	PR D4800	PR D6500LF
Power (RMS) 2x2Ω			2x480 W	2x1400 W	2x1750 W	2x3250 W
Power (RMS) 2x4Ω	2x250 W	2x400 W	2x580 W	2x950 W	2x1650 W	2x2250 W
Power (RMS) 2x8Ω	2x170 W	2x260 W	2x310 W	2x520 W	2x850 W	2x1200 W
Power (RMS) 1x4Ω			1x960 W	1x2800 W	1x3500 W	1x6500 W
Power (RMS) 1x8Ω			1x1160 W	1x1900 W	1x3300 W	1x3900 W
Power (RMS) 1x16Ω			1x620 W	1x1080 W	1x1700 W	1x1950 W
Sensitivity (balanced)	1,0 V	1,0 V	1,4 V / 0,775V	1,4 V / 0,775V	1,4 V / 0,775V	1,4 V / 0,775V
Signal to noise	> 100 dB	> 100 dB	> 102 dB	> 102 dB	> 102 dB	> 102 dB
Slew rate	40 V/us	40 V/us	60 V/us	60 V/us	10 V/us	10 V/us
Frequency range	18 Hz–20 kHz	18 Hz–20 kHz	20 Hz–20 kHz	20 Hz–20 kHz	20 Hz–20 kHz	15 Hz–2 kHz
THD / TIM	< 0,08 / 0,05%	< 0,08 / 0,05%	< 0,1 / 0,05%	< 0,1 / 0,05%	< 0,1 / 0,05%	< 0,1 / 0,05%
Damping factor (8Ω/1kHz)	400	400	800	800	800	800
Net Weight	3,8 kg / 8,4 lbs	4,2 kg / 9,3 lbs	5,9 kg / 13,1 lbs	7,1 kg / 15,7 lbs	9,5 kg / 21,0 lbs	9,5 kg / 21,0 lbs
Dimensions W/H/D (mm)	19"/44(1HE)/260	19"/44(1HE)/260	19"/44(1HE)/320	19"/44(1HE)/350	19"/44(1HE)/420	19"/44(1HE)/420

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