



Class D Power Amplifier

The PRx-1000-2 series amplifier is a class D high-power amplifier with up to 8 inputs and outputs. It is mainly intended for fixed sound installations and suitable even in surroundings where low operating noise is relevant. Due to its cooling concept with large heatsinks and microprocessor-controlled ultra-low noise fans, the amplifier remains quiet even under full load conditions.

Features

- 500W per single ended output channel
- up to 8 analog inputs and outputs
- high dynamic range (118 / 120 dB(A) single ended / bridged)
- Front panel LEDs signal protect / fan / bridge / clip / signal status
- GPO relays for status surveillance
- Configurable by switches at back panel
- Customizable at order time with 1-4 amplifier modules
- Ultra low noise operation (suitable for cinemas)
- Pascal high-power amplifier modules and PSU
- PFC (power factor correction)

Rear View



Technical Data

Max. input voltage	+4/+10/+16 dBu
Voltage gain	32/26/20 dB
Dynamic Range	118 / 120 dB(A) (SE/BTL)
THD+N (1kHz)	-90 dB
Noise (20Hz-20kHz)	-81.5 dBu
Mains input voltage	85 - 265 VAC
Power per channel	500/1000 W (SE/BTL)
Analog input	balanced XLR
Operating noise level (1m)	19 dB(A)
Dimensions	19" 2RU, 435 mm
Weight	14.7 kg

Protection

The PRx-1000-2 provides over current, DC, temperature and high frequency protection



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