

SOUNDMASTER

PROFESSIONAL POWER AMPLIFIER

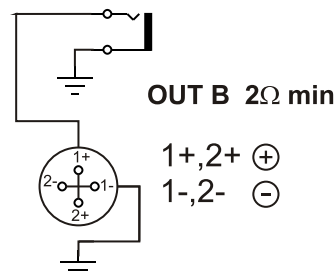
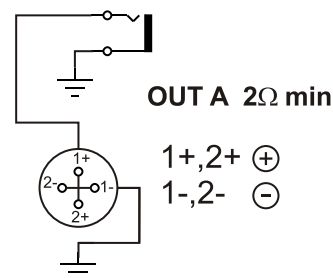
PRO 10000



TECHNICAL SPECIFICATIONS

Output channels	2
Output stage	MOSFET, class BD device
Output stage power supply (max)	2 x 86V
PWM frequency	330 ±20kHz
Power supply filter capacity	54400µF
Output power (Burst, 20ms, 1kHz, TDH 1%, limiter off, 230V/50Hz)	
into 2Ω 2ch.	2x6000W
into 4Ω 2ch.	2x3200W
into 8Ω 2ch.	2x1800W
Output power (20Hz ÷ 20kHz / TDH = 0,5%, 230V/50Hz)	
into 2Ω 2ch.	2x5000W
into 4Ω 2ch.	2x2600W
into 8Ω 2ch.	2x1600W
Dynamic power 1 Ch. (1kHz, 2Ω, 5ms, nonrepetitive burst)	7200W
Max output level (1kHz, TDH 1%, no load)	120V RMS
Frequency response (+0dB, -3dB)	10Hz ÷ 20kHz
Low cut (custom made filter parameter possible)	45Hz, 18dB/oct.
Voltage gain	80
Input sensitivity	0dB
Max input level	+21dB
TDH(20Hz ÷ 20kHz, -3dB, 4Ω)	≤0,1%
Slew rate	45V/µs
Damping factor (into 8Ω, 20Hz ÷ 1kHz)	≥250
Signal/Nose ratio	≥95dB
DC output offset	±20mV
Protections	short circuit, DC out, thermal cut off, limiter slow start, rail over voltage, rail under voltage
Cooling	variable speed DC fan
AC power consumption (peak)	220V/50Hz±10%, 11000W
AC power consumption (full music load)	220V/50Hz±10%, ~5500W
Weight	34kg

Use recommendations: Each channel 2Ω: 4 parallel independent wired 8Ω subwoofers (1000÷1500)W RMS each. Neutrik speakon only.



Neutrik Speakon Wiring

