

# SOUNDMASTER

PROFESSIONAL POWER AMPLIFIER

# PRO 5000 SUB



## TECHNICAL SPECIFICATIONS

Output channels	2
Output stage	MOSFET, class D device
Output stage power supply (max)	2 x 86V
PWM frequency	330 ±20kHz
Power supply filter capacity	52800µF
Output power (Burst, 20ms, 1kHz, TDH 1%, limiter off, 230V/50Hz)	
into 4Ω 2ch.	2x3000W
into 8Ω 2ch.	2x1650W
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Output power (20Hz ÷ 20kHz / TDH = 0,5%, 230V/50Hz)	
into 4Ω 2ch.	2x2500W
into 8Ω 2ch.	2x1350W
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 (max)	220V/50Hz±10%,5500W
AC power consumption (full music load)	220V/50Hz±10%,~2750W
Weight	26kg

