

SOUNDMASTER

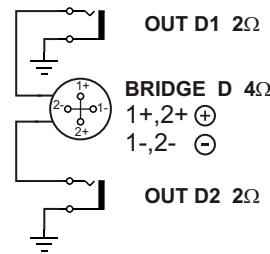
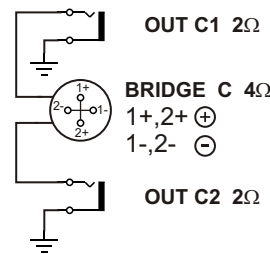
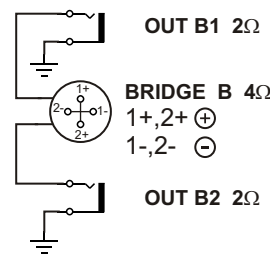
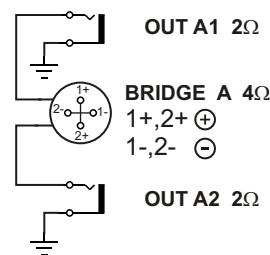
PROFESSIONAL POWER AMPLIFIER

PRO 8000+



TECHNICAL SPECIFICATIONS

Output channels	8 or 4 bridged	
Output stage	MOSFET, class D device	
Output stage power supply (max)	$\pm 76V$	
PWM frequency	400 $\pm 25kHz$	
Power supply filter capacity	48400 μF	
Output power (burst 20ms 1kHz, TDH 1%, 230V/50Hz, limiter off)		
into 8 Ω	8x360W	
into 4 Ω	8x660W	
into 2 Ω	8x1100W	
into 4 Ω bridged	4x2300W	
into 8 Ω bridged	4x1350W	
Output power (20Hz \div 20kHz / TDH = 0,5%, 230V/50Hz, limiter off)		
into 8 Ω	8x300W	
into 4 Ω	8x600W	
into 2 Ω	8x950W	
into 4 Ω bridged	4x1900W	
into 8 Ω bridged	4x1200W	
Dynamic power (1ch., 1kHz, 4 Ω bridged, 5ms, non repetitive burst)	2700W	
Max output level (1kHz, TDH 1%, bridged, no load)	107V RMS	
Frequency response (+0dB, -3dB)	10Hz \div 20kHz	
Voltage gain (bridged)	71	
Input sensitivity	0dB	
Max input level	+21dB	
TDH(20Hz \div 20kHz, -3dB, parallel)	$\leq 0,25\%$	
TDH(20Hz \div 20kHz, -3dB, bridged)	$\leq 0,15\%$	
Slew rate	45V/ μs	
Damping factor (into 8 Ω , 20Hz \div 1kHz)	≥ 250	
Signal/Nose ratio	$\geq 95dB$	
DC output offset	$\pm 20mV$	
Protections	short circuit, DC out, thermal cut off, limiter slow start, rail over voltage, rail under voltage variable speed DC fan	
Cooling		
AC power consumption (max)	220V/50Hz $\pm 10\%$, 8300W	
AC power consumption (full music load)	220V/50Hz $\pm 10\%$, ~4000W	
Weight	27kg	



Neutrik Speakon Wiring