

Product Specifications

Pro 200™ Series

		5200		7200		8200		9200		
Stereo Power:	8Ω	290 W		590 W		825 W		1,300 W		
	4Ω	525 W		1,000 W		1,450 W		2,200 W		
	2Ω	850 W		1,650 W		2,250 W		3,250 W		
Bridged Mono Power:	8Ω	1,050 W		2,000 W		2,900 W		4,400 W		
	4Ω	1,700 W		3,300 W		4,500 W		6,500 W		
Output Voltage RMS		52 V		75 V		90 V		113 V		
8Ω and 4Ω Stereo Power ratings @1kHz, <0.05% THD+N both channels driven 2Ω stereo & 4Ω Bridged Mono Power ratings @1 kHz, <0.1%THD+N										
Frequency Response:				10 Hz – 100 kHz; +0, -2 dB at 1 watt						
Power Bandwidth:				10 Hz – 35 kHz; +0, -2 dB at rated 4Ω power						
Damping factor:				>300:1 8Ω @ 20 Hz to 1kHz						
Input CMRR:				> -85 dB @1kHz						
Gain:				selectable between x40 (32 dB) and x20 (26 dB)						
Input Sensitivity (x40) 4Ω rated power +/-3%:		1.12 V		1.58 V		1.87 V		2.35 V		
Input Impedance				15kΩ Balanced						
Hum and Noise A-weighted @ 8Ω rated power		>-110 dB		>-110 dB		>-110 dB		>-113 dB		
Crosstalk 1kHz @ 8Ω rated power		>-65 dB		>-70 dB		>-70 dB		>-70 dB		
Class		A/B		H		H		H		
Power Supply				Switched Mode						
Current Draw @ 120 VAC										
	1/8 power	4Ω	875 W	7.3 A	875 W	7.3 A	1,250 W	10.5 A	2,200 W	18.4 A
		2Ω	1,380 W	11.5 A	1,400 W	11.7 A	1,875 W	15.7 A	3,350 W	27.9 A
	1/3 power	4Ω	1,310 W	10.9 A	2,500 W	20.8 A	3,050 W	25.4 A	5,000 W	41.7 A
		2Ω	2,100 W	17.5 A	3,900 W	32.5 A	4,350 W	36.25 A	7,300 W	60.9 A
Thermal Emissions 1/3 power, 4Ω Bridged BTU/hr		7,165		13,308		14,843		24,909		
Cooling				Back to front via 2 variable speed fans						
Input connectors				Balanced female XLR						
Output connectors				Speakon® connectors and five-way binding post						
Controls	Front panel:				twin recessed stepped attenuators, circuit breaker/power switch					
	Rear panel:				mode select, gain select					
LED indicators				Signal presence, ACL™ (Active clip limiting), Active status, Temp						
Construction				Aluminum Chassis						
Dimensions				3.5" x 19" x 12.25" (13.75" to rack ears)		89 mm x 483 mm x 311 mm (349 mm to rack ears)				
Weight				24 lbs. (10.9 kg)						

Architects' & Engineers' Specifications:

The power amplifier shall consist of 2 channels. Each channel will deliver a minimum of (290 / 590 / 825 / 1300) watts at 8 ohms, (525 / 1000 / 1450 / 2200) watts at 4 ohms, (850 / 1650 / 2250 / 3250) watts at 2 ohms, 20 Hz – 20 kHz. In Bridged mono mode, it will deliver a minimum of (1050 / 2000 / 2900 / 4400) at 8 ohms, (1700 / 3300 / 4500 / 6500) at 4 ohms, 20Hz – 20 kHz. It shall weigh 24 lbs. The amplifier shall incorporate protection circuitry against output short circuits, DC voltage on outputs, thermal overload and load protection due to any form of amp failure. It will include impedance sensing circuitry, a RMS clip limiter and Autoramp signal control. The amplifier shall have a sensitivity of 1.12 / 1.58 / 1.87 / 2.35 volts (x40) at the input, which will deliver full rated output power in any output configuration. Gain can be changed to x20. The hum and noise level shall be greater than (-110 dB / -110 dB / -110 dB / -113 dB) "A" weighted. The amplifier shall have a class (A / B, H, H, H) output stage with a switch power supply. The frequency response shall be greater than 10 Hz – 100 kHz +0, -2 dB at 1 watt at full rated output power @ 4 ohms .05% THD. The amplifier will operate at either 120 VAC, 60 Hz (safe operating range 100-132 VAC) or at 230 VAC, 50 Hz (safe operating range 200-264), voltage selection determined at factory. Maximum current draw at 120 V shall be no greater than 30amps, both channels driven continuously into a 2 ohm load at 1/8 power. Front panel indicators shall include LED indicators for signal present, ACL (automatic clip limiting), Temp, and Active status. Front panel attenuators will be recessed and detented. Input connectors shall be XLR per channel. Output connectors shall be 5-way binding posts and Speakon® per channel. The packaging of the amplifier shall allow for standard rack mounting without requiring space between similar units as long as the rack is properly ventilated. Dimensions main chassis shall be 19" wide (483mm), 12.25" deep (311mm), 3.5" high (89mm). The amplifiers shall be designated the Crest Audio model Pro 5200.

*Five Year warranty for the United States



Logo referenced in Directive 2002/96/EC Annex IV (EU) L37/38, 13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and is applied only to equipment manufactured after 13 August 2005

Crest Audio reserves the right to make improvements in manufacturing or design which may affect specifications.

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