

General							
Number of channels	4						
Output power	Single channel mode			Distributed line		Bridge mode	
	2 Ω	4 Ω	8 Ω	70V	100V	4 Ω	8 Ω
	1600 W	1400 W	1250 W	1600 W	1600 W	3200 W	2800 W
Max output voltage / current	142 V _{peak} / 45 A _{peak}						
AC Main Power							
Power supply	Universal, regulated switch mode with PFC (Power Factor Correction)						
Nominal power requirement	100-240 V ±10%, 50-60 Hz						
Operating voltage	90 V - 264 V						
Power consumption	115 V			230 V			
Idle	31.3 W		0.47 A		31.6 W		0.27 A
1/8 of max output power @ 4 Ω	823 W		7.7 A		840 W		4.3 A
Thermal							
Operating temperature range	0° - 45° C; 32° - 113° F						
Thermal dissipation	115 V			230 V			
Idle	107 BTU/h		27.0 kcal/h		108 BTU/h		27.2 kcal/h
1/8 of max output power @ 4 Ω	760 BTU/h		191.6 kcal/h		818 BTU/h		206.3 kcal/h
AUDIO							
Gain	26 dB		29 dB		32 dB		35 dB
Input sensitivity	4.91 V		3.48 V		2.46 V		1.74 V
Max input level	20 dBu		20 dBu		20 dBu		20 dBu
Frequency response	20 Hz - 20 kHz (±0.5 dB) @ 1 W, 8 Ω						
S/N ratio	> 110 dB (20 Hz - 20 kHz, A-weighted)						
Crosstalk (1 kHz)	-70 dB						
THD+N	<0.1% from 0.1 W to full power (typically < 0.05%)						
IMD	<0.05% from 0.1 W to full power						
Input impedance	20 kΩ balanced						
Slew rate	>50 V/μs @ 8Ω, input filter bypassed						
Damping factor	> 500 @ 8Ω , 20 Hz - 100 Hz						
DSP							
AD Converter	24-bit Tandem™ @ 48 kHz 125 dB(A) Dynamic Range - 0.005 % THD+N						
DA Converter	24-bit Tandem™ @ 48 kHz 117 dB(A) Dynamic Range - 0.003 % THD+N						
Internal precision	32-bit floating point						
Memory/presets	128 MB (RAM) plus 512 MB flash for presets						
Latency	2.5 ms fixed latency architecture						
Input equalizer	Raised-cosine, custom FIR, parametric IIR: peaking, hi/lo-shelving, all-pass, band-pass, band-stop, hi/lo-pass						
Crossover	Linear phase (FIR), Butterworth, Linkwitz-Riley, Bessel: 6 dB/oct to 48 dB/oct (IIR)						
Delay	2 s (input) + 100 ms (output) for time alignment						
Limiters	TruePower™, RMS voltage, RMS current, Peak limiter						
Damping control	Active DampingControl™ and LiveImpedance™ measurement						
Front panel							
Indicators and Controllers	1 x LED - Status 1 x LED - Over-temperature protection 1 x LED bar - Signal level + CLIP 1 x LED bar - Signal level and over-temperature protection 1 x Knob - Level attenuator (continuous) 1 x Push-button - Setting operating parameters 1 x Push-button - Preset selector 1 x DIP switch - Toggle energy save on/off per channel pair 1 x Power switch						

Connectors	
AC main	1 x IEC C20 connector - 20 A max (region-specific power cord provided)
Audio signal input	1 x 12 pin Phoenix MC 1.5/12-ST-3.81 - Signal input connector
Remote level adjust	1 x 12 pin Phoenix MC 1.5/12-ST-3.81 – Remote level connector
Alarm	1 x 12 pin Phoenix MC 1.5/12-ST-3.81 - Alarm connector
Loudspeakers	1 x 8 pin Phoenix PC 5/8-STF1-7.62 - Signal output connector
Remote On/Off	1 x 4 pin Phoenix MC 1.5/4-ST-3.81 - Remote on/off switch and aux voltage
Network/data	1 x RJ45 socket - Ethernet 1 x RJ45 socket - Dante®
Rear panel	
Indicators and Controllers	1 x DIP switch - Toggle lo/hi impedance connection 1 x DIP switch - Toggle 70V/100V distributed line nominal voltage 1 x DIP switch - Toggle high pass filter 1 x DIP switch - Toggle 35Hz/70Hz HPF cutting frequency
Audio	
Amplifier	Highly efficient Powersoft Class D circuitry
Communication	
Wired	Auto-sensing Fast Ethernet (IEEE 802.3u, 100 Mbit/s)
Construction	
Dimensions (H x W x D)	1.75" x 19.0" x 14.7" (44 x 483 x 373 mm)
Weight	17.3 lb (7.8 kg)

Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

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