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**
	400 W	400 W	400 W	400 W	400 W	800 W	800 W
Max output voltage / current	80 V_{peak} / 33 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	31.1 W	0.45 A		31.5 W	0.25 A		
1/8 of max output power @ 4 Ω	227 W	2.1 A		251 W	1.4 A		
Thermal							
Operating temperature range	0° - 45° C; 32° - 113° F						
Thermal dissipation	**115 V**			**230 V**			
Idle	106 BTU/h	26.7 kcal/h		107 BTU/h	27.0 kcal/h		
1/8 of max output power @ 4 Ω	261 BTU/h	65.8 kcal/h		344 BTU/h	86.7 kcal/h		
AUDIO							
Gain	26 dB	29 dB	32 dB	35 dB			
Input sensitivity	2.48 V	1.76 V	1.24 V	0.88 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	> 104 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	16.2 lb (7.3 kg)