

SPECIFICATIONS

Technical Specifications: CPS1, CPS2

Amplifier at rated conditions, both channels driven with 8 ohms loads, unless otherwise specified.

	CPS1			CPS2		
Load Impedance	8 Ω	4 Ω	2 Ω	8 Ω	4 Ω	2 Ω
Maximum Midband Output Power THD=1%, 1kHz	280W	450W	650W	380W	600W	850W
Rated Output Power THD < 0, 2%, 20Hz ... 20kHz	230W	350W	450W	300W	500W	650W
Maximum Bridged Output Power THD=1%, 1kHz	900W	1300W	————	1200W	1700W	————
Maximum RMS Voltage Swing THD=1%, 1kHz	56V			64V		
Voltage Gain at 1 kHz	34dB			35dB		
Slew Rate	25V/μs			30V/μs		
Power Consumption at 1/8 maximum output power @ 4 Ω	690W			870W		
Input Sensitivity at rated output power @ 4 Ω, 1 kHz	0dBu (775mV)					
THD at rated output power, MBW=80kHz, 1 kHz	< 0.05 %					
IMD-SMPTE 60 Hz, 7 kHz	< 0.08 %					
DIM30 3.15kHz, 15 kHz	< 0.03 %					
Crosstalk ref. 1kHz, at rated output power	<-80 dB					
Frequency Response -1dB, ref. 1 kHz	13Hz ... 45kHz					
Power Bandwidth THD=1%, ref. 1kHz, half power @ 4 Ω	10Hz ... 50kHz					
Input Impedance 20Hz ... 20 kHz, balanced	20kΩ					
Damping Factor at 100Hz / 1kHz	>300 / >200					
Signal to Noise Ratio A-weighted	103dB					
Power Requirements	120V, 50Hz ... 60Hz					
Protection	Audio limiters, High temperature, DC, HF, Back-EMF, Peak current limiters, Inrush current limiters, Turn-on delay					
Cooling	Front-to-Rear, 3-stage-fans					
Safety Class	I					
Dimensions (W x H x D), mm	483 x 132.5 x 385.5					
Weight	15kg			16kg		