

SPECIFICATIONS

- Amplifier at rated conditions, both channels driven, 8Ω load, unless otherwise specified.

	CP3000S			CP4000S		
Load Impedance	2 ohms	4 ohms	8 ohms	2 ohms	4 ohms	8 ohms
Maximum Midband Output Power THD = 1%, 1kHz, Dual Channel	1600 W	1100 W	600 W	2100 W	1500 W	900 W
Rated Output Power THD < 0,1%, 20Hz ... 20kHz	---	900 W	450 W	---	1200 W	600 W
Max. Single Channel Output Power Dynamic-Headroom, IHF-A	2600 W	1400 W	720 W	2900 W	1800 W	1000 W
Max. Single Channel Output Power Continuous, 1kHz	2100 W	1300 W	660 W	2600 W	1700 W	950 W
Max. Bridged Output Power THD = 1%, 1kHz	---	3200 W	2200 W	---	4200 W	3000 W
Maximum RMS Voltage Swing THD = 1%, 1kHz	78 V			95 V		
Power Bandwidth THD = 1%, ref. 1kHz, half power @ 4Ω	10 Hz ... 60 kHz					
Voltage Gain ref. 1kHz	32.0 dB					
Input Sensitivity at rated output power	+5.8 dBu (1.55 V rms)			+7.0 dBu (1.74 V rms)		
THD at rated output power , MBW = 80kHz, 1kHz	< 0.05%					
IMD-SMPTE 60Hz, 7kHz	< 0.02%					
DIM30 3.15kHz, 15kHz	< 0.05%					
Maximum Input Level	+22dBu (9.76 Vrms)					
Crosstalk ref. 1kHz, at rated output power	< - 80dB					
Frequency Response -1dB, ref. 1kHz	15Hz ... 40kHz					
Input Impedance active balanced	20 kohms					
Damping Factor 1kHz	> 300					
Slew Rate	35 V/μs			38 V/μs		
Signal to Noise Ratio, Amplifier A-weighted	107 dB			108 dB		
Output Stage Topology	Class H					
Power Requirements	240V, 230V, 220V, 120V or 100V; 50Hz ... 60 Hz (factory configured)					
Power Consumption 1/8 maximum output power @ 4Ω	850 W			1070 W		
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					
Ambient Temperature Limits	+5°C ... +40°C (40°F ... 105°F)					
Safety Class	I					
Dimensions (W x H x D), mm	483 x 88,1 x 384					
Weight	8.15 kg (18.0 lbs)			8.70 kg (19.2 lbs)		
Optional: Rear-rackmount 15,5" Rear-rackmount 18"	D112930 (RMS15-CL) D112933 (RMS18-CL)					

Notes:

- Depending on the ambient temperature, the unit might not operate continuously at 2Ω load.
- Due to mains voltage in Japan (100V/50Hz) the values for the maximum output power can be decreased up to 15% (only 100V version)!