

NEW PRODUCT INFORMATION SHEET

CPM 2650 Integrated Amplifier

Product Description

The Chord CPM 2650 integrated amplifier is designed around the latest versions of the highly successful CPA2500 and SPM650 Pre and Power amplifier combinations. It has all the flexibility of its bigger brother, the CPM 3350. Line level source selection for up to six input signals can be achieved using the supplied remote handset or via the front panel controls. Two tape loops allow you to record one source whilst also listening to another. A separate switchable preamplifier output is available for bi-amping.

The power amplifier based on Chords tried and tested technology of ultra high frequency low ESR power supply has the ability to store a great deal more energy, and far more efficiently than conventional designs. This gives the amp enormous reserves of instantly delivered, precisely controlled power which is more than capable of controlling even the most demanding loudspeakers. With the ability to select the pre outs and speaker outputs together or individually the flexibility of the unit allows it to be used as a pre-amp, on its own or with another power amp for bi-amping.



Integra Legs shown are optional

Product Specification

Pre-Amp Section

Unbalanced Inputs:	Video, Radio, Tape1 and Tape2
Balanced Inputs:	Disc 1, Disc 2 are 3-pin female XLR inputs both with RCA Phono style input sockets wired asymmetrically in parallel
Outputs:	2 x RCA Phono style, gold-plated with Teflon dielectric insulation
Intermodulation Distortion:	-100dB all inputs
Signal to Noise Ratio:	-93dB all inputs
Frequency Range:	2.5Hz – 200kHz (-3dB)
Harmonic Distortion:	10 Hz -91dB, 1kHz -93dB, 10kHz -90dB, 20kHz -87dB
Channel Separation:	10 Hz 90dB, 1kHz 90dB, 10kHz 90dB, 20kHz 85dB
Channel Balance:	0.01dB
Input impedance:	Unbalanced 47kOhms, Balanced 94kOhms (Disc 1 & Disc 2)
Pre-amp Output impedance:	470Ohms
Output Offset:	0mV both channels

Power Amp Section

Output Power:	120W rms per channel @ 0.05% distortion into 8 Ohms 170W rms per channel into 4 Ohms
Dynamic Headroom:	180W rms per channel into 8 Ohms 220W rms per channel into 4 Ohms
Frequency Response:	-1dB, 0.8Hz to 46kHz (8 Ohms) -3dB, 0.8Hz to 77kHz (8 Ohms) -1dB, 0.8Hz to 39kHz (4 Ohms) -3dB, 0.8Hz to 75kHz (4 Ohms)
Signal To Noise Ratio:	Better than -103dB, 'A' weighted two thirds
Channel Separation:	-80dB
Output Impedance:	0.03 Ohms
Output Inductance:	2.6mH
Output Connections:	2 x gold plated WBT connections
Slew rate:	70V per μ S, 1kHz 20V square wave
Gain:	30dB
Stability:	Unconditional
Dimensions:	420mm (w) x 355mm (d) x 133mm (h)
Weight:	16Kg



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