

# NEW PRODUCT INFORMATION SHEET

## CPM 3350 Integrated Amplifier

### Product Description

The Chord CPM 3350 integrated amplifier design is based on the CPA3200E and SPM1050 pre and power amplifier combinations but developed specifically to give a one box solution. It offers all the flexibility of a Chord preamplifier with line level source selection for up to six input signals using the remote handset or via the push button front panel controls. Individual input gains can be selected to prevent large changes in volume when switching between inputs. Two tape loops allow for recording one source whilst listening to another.



Integra Legs shown are optional

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.

## 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)
Nominal Gain:	All inputs subject to 4 levels of gain (x1, x2, x5, x7)
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)
Output impedance:	100Ohms
Output Offset:	0mV both channels

### Power Amp Section

Output Power:	220W rms per channel @ 0.05% distortion into 8 Ohms 300W rms per channel into 4 Ohms
Dynamic Headroom:	300W rms per channel into 8 Ohms 520W 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:	-75dB
Output Impedance:	0.03 Ohms
Output Inductance:	2.6mH
Output Connections:	2 x gold plated WBT connections
Slew rate:	70V per $\mu$ S, 1kHz 20V square wave
Gain:	30dB
Stability:	Unconditional
Dimensions:	420mm (w) x 355mm (d) x 133mm (h)
Weight:	19Kg



**Chord Electronics Limited**