



The Chapter Qube Reference 500M

'the benchmark against which all other power amplifiers will have to be judged in the future.'

The Chapter Qube 500M is a 'state of the art' audiophile mono power amplifier incorporating a unique combination of design features coupled with scrupulous attention to technical detail. The objective is to provide a product capable of great musicality and realism without adding any noticeable 'character' of its own. Additionally to be able to drive the most difficult speaker loads on the market today without compromising stability. By bringing together engineers and designers with a lifetime's experience in audio and power systems design we believe this objective has been more than achieved. A top-flight amplifier should boast exemplary specifications. Indeed the Chapter Qube 500M achieves this but not purely for the sake 'specmanship'. Hundreds of listening tests and auditions by recognised audio experts have gone into honing the Qube. The result - musicality with a first class technical specification. The amplifier is based around the company's own Class D amplifier technology that gives very low distortion performance. This forms a proven, robust and reliable foundation for the power

amplifier design. But, this on its own is not enough to produce class-leading performance. Further extensive research has gone into refining this topology to achieve the final result, the Chapter Qube 500M.

Chapter Qube Power Supply

Our New 'Balanced Zero Ripple' power supply provides the amplifier sections with a rock steady power supply rails, essential for deep articulate bass, as well as a grain free treble performance. You will notice that even when pushed very hard the Qube 500M will not change is sonic presentation even when huge demands are placed on the power supply.

This regulated characteristic is achieved without the use of feedback and is thus able to react as quickly as the amplifier demands, no lag, no compensation, just an almost limitless reserve of power that would only normally be available on a power supply around four times the size of that found in the Qube 500M.

Unique circuitry coupled with expert RF filter design and layout

allows the Chapter Qube to meet the most stringent tests for radiofrequency emissions including the EN broadcast specification.



Chapter Review Quotes

Precis - 'Gold Award - Best Power Amplifier 2009', Lyde & Bilde Magazine, Norway, January 2009

Couplet - 'Silver award - Best Power Amplifier 2002 - 2003' Lyde & Bilde magazine, Norway, January 2003

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Eye Fi Magazine Norway September 2002

'Product of the Year'
Hi Fi Review Magazine
Hong Kong, December 2001





TECHNICAL SPECIFICATIONS

Rated Power:	1000W rms. into 8 ohms, 2000W rms into 4 ohms, continuous sine.
Distortion:	Less than 0.03% THD at rated power and 1KHz, less than 0.05% at rated power and 20KHz (into 4 - 8 ohms)
Signal to Noise:	Better than 130dB (A weighted) at full power, better than 85dB (A weighted) ref 1W into 8 ohms
Frequency response:	0.5 Hz to 48KHz +0, -3dB, 5 Hz to 30KHz +0, - 0.5dB
Phase shift:	Less than +/-17 degrees total from 5 Hz to 22.5KHz
Power consumption:	Max 1.8kW total at better than 0.95 power factor
Fuse rating:	10A thermal breaker fitted to the amplifier back panel.
Protection:	Fully electronic on DC error, short circuit output, or continuous overload and/or clipping.
Sensitivity:	+26dBV
Phase:	Non inverting, ref XLR pin 2(+) or phono input.
Input sockets:	1 x XLR for balanced line operation 1 x Phono for single ended operation (switch selectable)
Output sockets:	4 x WBT-0765 4mm binding posts per channel. (WBT-0710Ag Optional)
Finish:	Bead Blasted anodised aluminium alloy casework. Power on/off switch and indicator.
Weight:	45 Kg approx.
Size:	390 x370 x390 mm (WxHxD) approx.
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