

The Chapter Couplet is ready for release! The first production batch of Chapter Couplet units is in the final stage of manufacture and will be ready for dispatch at the end of February 2005.

The pre-production sample was shown at the CES in Las Vegas (January 2005) and was extremely well received. Matching perfectly with the new Chapter Preface+ (also show at CES), the Chapter Couplet sets new standards for control and precision in High-End audio. The new **Zero Ripple** PSU allows the Chapter **WMT** amplifier technology to provide unrivalled bass punch & weight whilst maintaining the tremendously open and natural mid-range and HF performance we have all come to expect from a Chapter product. This reinforces our long held belief that due to poor design or implementation, many competitors' amplifiers require much higher power ratings to provide the same "Big Amplifier" sound. It is often necessary play these products at a level 6dB higher than the Chapter amplifier to obtain the same level of bass punch & weight. This allows the Chapter Couplet to maintain a continuous 215W into 8Ohms (430W into 4Ohms), whilst providing the listener with the experience of nearly double that power level. The Chapter Couplet will drive the most demanding of loudspeaker loads (Providing up to 20A continuous output current [with peaks of up to 60A] into a 1Ohm impedance).

The Chapter Couplet also features a unique range of system earthing options. (Balanced GND, Balanced FLOAT, Unbalanced GND, Unbalanced FLOAT) These options allow the listener to best match the Couplet earthing topology to the rest of his system. In balanced mode, the listener can choose to either connect the system 0v to Chassis Earth, or Float the 0v from the Chassis Earth via a 100W impedance. In unbalanced mode, the listener can choose to either treat his RCA input as a balanced signal, allowing rejection of any inter-channel ground loop distortion, or as a true single ended signal.

These four options ensure that whatever type of source equipment is used, the listener will be able to get the very best performance from the Couplet.

Couplet: Meaning two items of the same type to denote the dual mono construction of our new two channel power amplifier.

The Chapter Couplet features an extended version of the technology used in the Précis integrated amplifier.

The product specification is as follows;

- 215W (430W Equivalent) RMS per channel into 8 Ohms, 430W (860W Equivalent) RMS per channel into 4 Ohms using Chapter **WMT** class-D amplification.
- Ultra-low Total Harmonic Distortion across the whole audio band.
- New High-Frequency power supply unit (800kHz multiphase spread spectrum), using Chapter **Zero Ripple** technology (see below).
- Enhanced styling to match Chapter Preface unit.
- RS232 interface & Control.
- XLR Balanced or RCA Unbalanced operation with true T-Clamp input Switching.
- Multiple grounding options for enhanced system integration.
- Upgradeable amplifier modules.
- BASE[™] vibration control system.

The Chapter Couplet features the new Chapter **Zero Ripple** high frequency power supply. This ground breaking technology uses four synchronous magnetic switching output stages, utilising multiphase spread spectrum techniques, that give an effective switching frequency of 800Khz (4x Fsw) and lower noise than any Linear PSU. That coupled with the benefits of high regulation loop bandwidth and 300,000uF of output capacitance (providing effective output storage of 550Joules of energy; if released in one hit, this could relocate a small house!!!). This storage is necessary for providing zero power supply ripple at low frequency and is essential for sustained deep and controlled bass which the Couplet provides in abundance.