



 Chapter





## Chapter Introduction

Chapter is *the* British high-end audio manufacturer. Founded in 1999, Chapter is committed to advanced design and manufacturing values. Combining innovative and enduring design concepts, Chapter products implement the most technically advanced analogue, digital and power supply techniques.

The leading edge Chapter design team works with a 'no compromise' philosophy to produce the best audio systems available.

Chapter has swiftly created an impact amongst audio industry professionals and performance-conscious consumers alike. It promotes new design awareness in the ever-changing world of High-End audio.

Chapter is committed to maintaining the highest standards of component selection. Performance enhancing layout techniques, coupled with fastidious attention to aesthetic design place Chapter in a unique position within the industry.

Innovation for the sake of enhancement, not for the sake of change guarantees absolute performance from any product that bears the Chapter name.

Chapter can rightly lay claim to being amongst the top flight of Audio Equipment Manufacturers. Its unique 'Power Factor Corrected' Switch Mode Power Supply, as used in the multi award winning Chapter Two power amplifier, and the unique volume control arrangement found in the Preface pre amplifier are testament to this.

Chapter ... Just listen.





# Preface



*'The Chapter Audio Preface represents a new bench mark in high end pre-amplifiers,'*

## **Chapter Preface Line Stage:**

The Chapter Preface is a new 'state of the art' audiophile two-channel line stage pre-amplifier incorporating a unique combination of design features coupled with scrupulous attention to technical detail.

**Objectives:** 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 control a variety of input sources and also to attenuate (or increase) the music signal without compromising transparency. By bringing together engineers with a lifetime's experience in audio and power systems design, we believe this objective has been more than achieved.

**Goals:** Our goal, as always, is to produce a true reference quality line stage. A product that can be held in the highest regard from both objective and subjective perspectives. The Chapter Preface is able to handle all of today's high-resolution sources, with the fidelity that you would expect of any Chapter product.

After several years of research and development, we believe that we have succeeded in fulfilling the

requirements of even the most discerning audiophile.

**Finest Part Selection:** The Preface uses the best sounding op-amps from Burr Brown and Linear Technology. All electrolytic capacitors are all ultra low ESR Panasonic Gold series. On the power supply we use the finest sounding regulators from LT and our own custom screened mains transformers.

At Chapter we also use full emersion gold Printed Circuit Boards and 'Melf' Professional series surface mount precision resistors.

## **Custom Designed Volume Control:**

At Chapter we auditioned many different volume pots, all of which had their own characteristics. Instead of designing electronics to counter the sonic signature of any particular pot, we have designed our own attenuator, using a series of precision resistors and relays. This gives us unprecedented levels of resolution with complete volume repeatability.

## **Acousteel Vibration Control System:**

In the Chapter Preface, vibration energy is reduced by up to 80%, effectively isolating the pre-amp from 15Hz upwards.

Three sheets of aluminium are bonded together with a special viscose-elastic polymer and using this as the pre-amp base plate, vibration energy transmitted to the components within the unit is kept to a minimum.

Chapter...great expectations in 'state of the art' audio.



## **Review Quotes:**

*'The Chapter Audio Preface represents a new bench mark in high end pre-amplifiers, I'd challenge any manufacturer to show me an alternative with this degree of resolution in all aspects of performance at anywhere near the price. Don't let the pretty lights mislead you this is a killer component.'*

Jason Kennedy,  
Hi Fi + magazine - UK  
January/February 2003



**Chapterelectronics**  
www.chapterelectronics.co.uk





## TECHNICAL SPECIFICATIONS

### Electrical

THD + N:	Less than 0.0006% (-106dB) at 1KHz. 22Hz to 22KHz bandwidth Less than 0.004% (-86dB) at 1KHz. 10Hz to 500KHz bandwidth
IM Distortion:	Better than -115dB (19+20KHz dual tone test - 1 KHz product @ 1V input)
Signal to Noise:	Better than -107dB (22Hz to 22KHz bandwidth). Better than -93dB (10Hz to 500KHz bandwidth).
Frequency response:	DC to 90KHz +0 / -0.1dB (Driving 100K ohms, 85KHz driving 600 Ohms)
Cross talk (Interchannel):	-120dB at 1KHz, -100dB at 20KHz, -85dB at 100KHz Ref. 1V RMS input
Cross talk (Intersource):	-100dB at 1KHz, -90dB at 20KHz, -90dB at 100KHz Ref. 1V RMS Input
Gain range Min to Max:	-86dB to +9.4dB
Impedance Input:	47K Ohm Unbalanced, 94K Ohm Balanced
Impedance Output:	Less than 10 Ohms Unbalanced or Balanced

### Mechanical

Input sockets:	2 pairs of XLR for balanced line operation 5 pairs of RCA Phono for single ended operation
Output sockets:	1 Pair of XLR for Balanced Line operation. 1 Pair of RCA for unbalanced operation.
Finish:	Fully bead blasted, anodised aluminium alloy casework.
Power on/off:	Switch and indicator. IEC mains input socket.
Weight:	Approx. 11 Kg
Size:	437 x100 x300 mm (WxHxD) approx.





## Chapter

**Chapter Audio Limited**

42 Thornton Hill, Exeter, Devon, EX4 4NS  
United Kingdom  
w: [www.chapteraudio.co.uk](http://www.chapteraudio.co.uk)

**Chapter Electronics Limited**

14 Winston Avenue, Kings Hill, West Malling,  
Kent, ME19 4WT United Kingdom  
w: [www.chapterelectronics.co.uk](http://www.chapterelectronics.co.uk)

sales: +44 (0)1392 686797 fax: +44 (0)1392 686795