

# The Chapter Preface Plus



‘The Chapter Audio Preface represents a new bench mark in high end pre-amplifiers’

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 trans-parency. 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. All electrolytic capacitors are all ultra low ESR Nichicon Solid Aluminium & Samwha WB 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 immersion 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 de-signing 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.

**Wide bandwidth:** This is important in preserving the vital H.F. phase information essential to stereo sound staging and realism. The output stage

was designed specifically for its speed of response, further improved by a high-speed differential input stage. Frequency compensation of the pre-amplifier is achieved in such a way as to allow excellent phase and gain margin into complex amplifier loads without compromising high frequency phase or power bandwidth.



#### 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



## 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 -110dB (22Hz to 22KHz bandwidth). Better than -95dB (10Hz to 500KHz bandwidth).
Frequency response:	DC to 90KHz +0 / -0.1dB (Driving 100K ohms, 85KHz driving 600 Ohms)
Cross talk (Interchannel):	-110dB 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 +12.0dB
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. 20 Kg
Size:	390 x 108 x 390 mm (WxHxD) approx.

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