

SUGDENAUDIO

'rescuing music from technology'



Masterclass FPA-4 Power Amplifier

The FPA-4 power amplifier is the latest member of the Sugden Masterclass Family.

This output stage is of the classic Sugden pure class A single ended design which has given musical satisfaction to thousands of discerning music lovers over many years.

The amplifier benefits from a comparator and correction circuit so that errors which would occur in the power stage, due to varying loads and distortion, are corrected to match the output of the high impedance input amplifier. Whilst it is maintaining the signal authenticity, it is also increasing the load stability and forces the output impedance to zero. The Amplifier

with Sugden Error Correction has extremely low open loop output impedance with a resultant high damping factor at quite high frequencies.

Coupling of the output of the Amplifier to its chosen speakers is via a 'soft connection' protection board. It is a static contact switching board using extremely low 'on resistance' power mosfets. These devices are timed on and off to enable soundless connection to the speakers however sensitive.

The FBA-4 is an exciting new design that performs well above its modest price point.

Masterclass FPA-4 Power Amplifier



Masterclass FPA-4 Specification

Facilities

Inputs

Stereo line level, stereo balanced

Outputs

Stereo pair multi way locking binding posts

Specification

Input sensitivity

1 Volt for full output

Power output

25 Watts per channel both channels working

Frequency response

-0.3dB 18Hz - 95kHz

Bandwidth

10Hz - 125kHz

Signal to noise

>82dB

Distortion at 1 Watt, 1kHz

>0.04%

Net weight

15 kgs

Dimensions

143 x 430 x 350mm (hwd)

SUGDENAUDIO

J E Sugden & Co Ltd

Valley Works, Station Lane, Heckmondwike

West Yorkshire WF16 0NF, UK

Tel: +44 (0)1924 404088

Email: sales@sugdenaudio.com www.sugdenaudio.com

Colour Options

Graphite

Titanium

