

TRILOGY

933

AN AMPLIFIER FOR HEADPHONES



2

INTRODUCTION TO TRILOGY

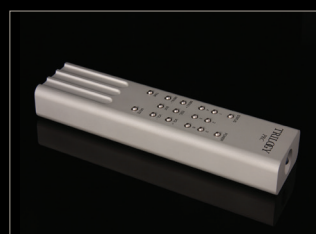
Several years in the making, this latest generation of Trilogy Audio Systems components remain true to Trilogy's original core values.

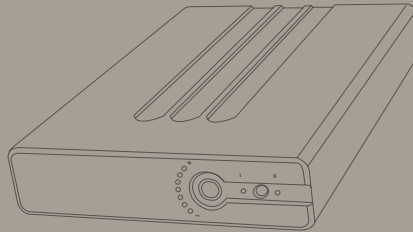
Engineered from the inside out with real heart and soul behind them, they will provide lasting satisfaction, making music for your pleasure.

Trilogy understands the vices and virtues of both valve and solid state without prejudice.

Through intelligent design, the appropriate technologies are applied with one goal - outstanding musicality.

Each Trilogy product has the same winning formula - an uncompromising approach to true excellence.





The task of moving the delicate membrane of a headphone driver is a very different to energising the reactive complex impedance of a multidriver loudspeaker. With much less mass to move and without the masking of listening environment and room interaction, the small signal integrity of an amplifier becomes even more critical than that of a regular power amplifier.



4

The Trilogy 933 is a clean sheet design with the same natural presentation and vibrant musicality found in our award winning pre and power amplifiers. Its a subtle, but crucial distinction: we like to think of the Trilogy 933 as an amplifier for headphones, not a headphone amplifier.



machined from a solid billet

The svelte amplifier enclosure is machined from a solid billet of aluminium. Its hefty 1.3kg mass provides outstanding physical and electrical isolation for each of the active circuit elements as well as a stable thermal base for heatsinking the output devices..

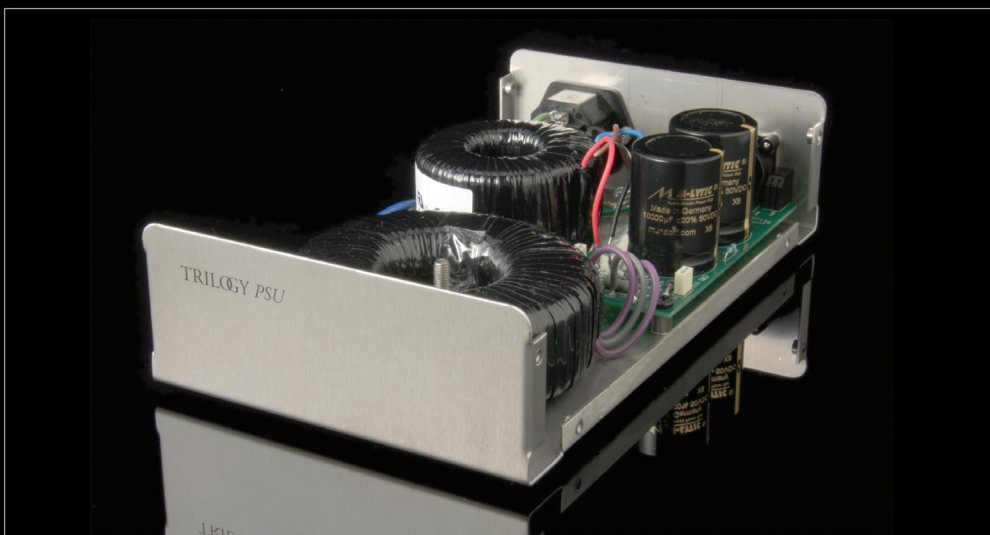
pure single-ended class a

The 933's amplifier is pure single-ended Class A, employing active constant current sources. Each channel has just one continuously biased output device. The output waveform is therefore completely free from crossover distortion and has excellent small signal integrity.

DC coupling removes capacitors in the signal path, enhancing detail even further. The discrete topology is implemented with carefully selected audio grade components to deliver amazing resolution and drive capability for any high quality headphone.

separate choke input power supply

The DC for the regulators is derived from a separate power supply housed in a brushed stainless steel enclosure. This can be placed remotely to keep any magnetic fields well away from the sensitive active circuitry. The custom mains transformer is designed with a low operating current density and a copper faraday screen. It feeds the main Mundorf reservoir capacitors through a bespoke inductor, forming a true choke input supply for absolute minimum electrical noise.



independently housed channels

The rear panel offers the user two selectable stereo inputs via high quality gold plated phono connectors.



flexibility without compromise

The 933 can stand alone as the cornerstone of a headphone based system or connect easily to any existing preamplifier.

6

optimum matching

Volume, mute and balance which are all accessed by the supplied remote control only. The front of the amplifier has an arc of LEDs which conveniently display the chosen settings which are stored for the next time the 933 is powered up.

The amplifier is monitored for safe area operation at all times and is automatically muted for power on and off.



a whole greater than the sum of its parts

In combination the Trilogy 933 elements form a whole that is far greater than the sum of its parts.

Created for headphone aficionados everywhere, the Trilogy 933 bears all the traits you would expect from a full sized Trilogy amplifier: coherence, precision, resolution, transparency and a level of musicality never before heard through headphones.

933 front



933 rear



933 headphone amplifier

- Size (933 amplifier): **150*220*38 (W*D*H)**
- Size including connectors (933 amplifier): **150*235*38 (W*D*H)**
- Weight (933 amplifier): **1.8 Kg**
- Packaged Size (combined): **330*290*195**
- Packaged Weight (combined): **5.7 Kg**
- Power consumption: **22 Watts**
- Inputs: **2 Stereo line 4 RCA phono sockets**
- Input Impedance: **≥20KOhms**
- Gain (max): **19dB**
- Frequency response: **15-120KHz +/- 0.5dB**
- Output impedance: **≤ 3 Ohms**
- Output Power: **800mW into 300 Ohms / 250mW into 60 Ohms**
- Distortion (THD): **≤ 0.05% 10mW into 300 Ohms**
- Signal to Noise Ratio: **≥ 85dB A Weighted**
- Phase: **Phase correct (non inverting)**
- Finish: **Natural silver anodise as standard. Extra cost finish options are our standard paint finishes, and almost unlimited custom colours through our Chameleon System.**

900 rear



900 front



900 series supply

- Size (PSU): **132*225*57 (W*D*H)**
- Weight (PSU): **2.85 Kg**
- Choke input power supply circuitry
- Non magnetic stainless steel construction
- Ultra low flux bespoke toroidal mains transformer with copper Faraday screen
- Mundorf power supply capacitors
- Neutrik XLR connectors.



TRILOGY PRODUCTS ARE DESIGNED & MANUFACTURED IN LONDON, ENGLAND

TRILOGY

www.trilogyaudio.com