

TRILOGY

993

HYBRID STEREO POWER AMPLIFIER



Designed & made in London, England



2

THE NEW 993 HYBRID STEREO POWER AMPLIFIER SHOWCASES TRILOGY'S MASTERY OF ALL AUDIO TECHNOLOGIES, BECAUSE THE BEST DESIGN CHOICES CAN ONLY BE ACHIEVED BY UNDERSTANDING ALL THE OPTIONS.

Trilogy is in a unique position to do this; combining the best of both solid state and valve technology to produce a remarkable design that is capable of sublime musical subtlety and impressive power.

THE BEAUTY OF VALVES

All the 993's voltage gain is provided by a 6H6П super tube. This Russian military triode has been selected for exceptional performance at audio frequencies, having both high transconductance and low μ . The valve operates in Class A in a grounded grid configuration with zero negative feedback for maximum fidelity.

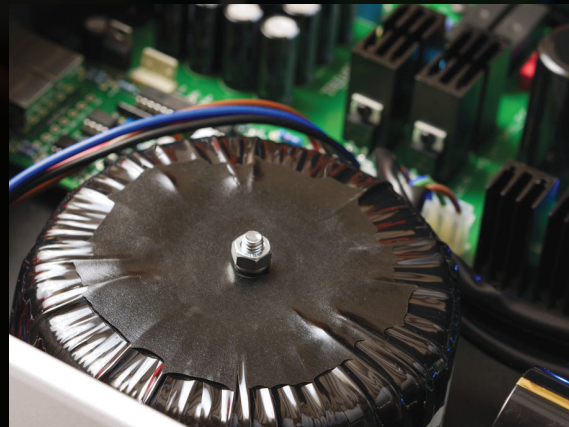
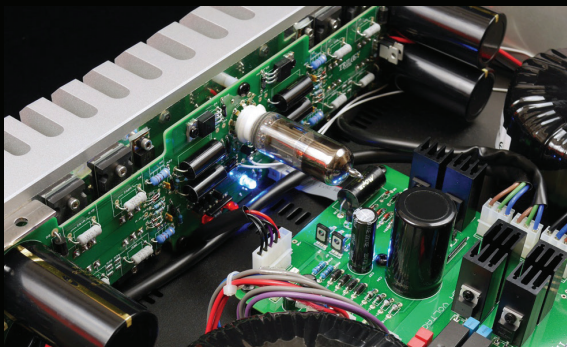
Power supplies for the driver stage are fully discrete and shunt regulated for excellent transient response.

3

The valve has an easy load, only driving the input of the output stage. This enables it to deliver the musical flow and micro detail that makes valves so special.

CHOKER POWER SUPPLY

The 993 takes the unusual step of specifying a choke input power supply for the output stage. The choke is nearly as large as the power transformer and plays a crucial role in the amplifier's performance. The electrically noisy, high current spikes that are pulled from the



mains in conventional supplies are avoided. The addition of a choke allows a much more linear current draw instead, keeping dynamic noise under drive much lower. Premium reservoir capacitors and soft recovery diodes complete the power supply.

THE FIRST WATT

The first watt delivered by an amplifier is the most crucial. It is where the majority of tonal and spatial cues reside at normal listening levels. The 993's output stage uses a small and agile output FET to serve this region, giving superior performance where it has most impact. When current demand rises, higher power bipolar devices supply additional current to move the loudspeaker



4

with ease. The amplifier has zero global negative feedback, but because of high bias, still exhibits a low output impedance.

ATTENTION TO DETAIL

As with all Trilogy products great care has been taken with physical construction. The custom heat sink is milled from a solid billet of aluminium. The substantial mass has high thermal inertia, allowing the directly mounted output devices to operate at a constant temperature, free from the severe mechanical resonances of conventional extruded heat sinks.

NO COMPROMISE

Trilogy specifies quality parts throughout to ensure the 993 gives a lifetime of reliable performance. From precision resistors from Welwyn, custom capacitors and magnetics to Mundorf solid copper binding posts, used to eliminate the audible mechanical resonance of more



5

common brass. Every construction detail has been carefully considered.

TAS link

TAS link connectivity provides functions such as remote switch on, remote status monitoring through the system controller, and security bonding. QuietBus technology ensures the integral housekeeping microcontroller's high speed lines are completely inactive during normal operation. This keeps the audio circuits completely free from digital processing interference whilst protecting the amplifier at all times.

FINISHING TOUCHES

Standard finish is a soft, fine textured natural silver. You can also choose one of Trilogy's lustrous paint finishes at extra cost, or take advantage of the Chameleon Colour System, which opens up a whole new dimension of possibilities.

HANDMADE IN LONDON, ENGLAND

The 993 is hand made exclusively in England. The solid, bespoke casework is finished to the same high standard as all other Trilogy products.

BEAUTIFUL ON THE OUTSIDE - BEAUTIFUL ON THE INSIDE

Once again, Trilogy has set a new standard of performance with the 993 Hybrid Stereo Power amplifier. For the ultimate performance, be sure to partner the 993 with Trilogy's NEW and equally impressive 903 Pre-amplifier.

For details on the matching Trilogy 903, please see the 903 product information sheet.



TRILOGY

6

993 SPECIFICATIONS

| | |
|----------------------------|-----------------------------------------|
| Size | 465*346*106 (W*D*H) |
| Size including connectors | 465*478*106 (W*D*H) |
| Packaged Size | 540*510*220 (W*D*H) |
| Weight | 19 Kg |
| Packaged Weight | 22 Kg |
| Standby Power Consumption | < 1 Watt |
| Idle Power consumption | 50 Watts |
| Maximum Power consumption | 700 Watts |
| Inputs | 1 pair RCA phono sockets |
| Input impedance | 400K Ohms |
| Input sensitivity | 2.0V RMS for Rated output |
| Rated Power (8 Ohms) | 125 Watts per channel |
| Rated Power (4 Ohms) | 200 Watts per channel |
| Recommended load impedance | 4-16 Ohms |
| Frequency response | 5Hz-30KHz +/- 0.5dB |
| Distortion | Less than 1% A weighted at rated output |
| Phase | Phase correct (non inverting) |

Specification subject to change





Designed & made
London, England



903



993

TRILØGY

www.trilogyaudio.com



 symmetry

www.symmetry-systems.co.uk