

TRILOGY

Pure
musical
connection.

Award-winning Amplification
Handcrafted in Britain since 1990.



origins

Nic Poulson is the principal designer of all Trilogy Audio Systems' products.

Nic's background was originally in broadcast engineering, training with the BBC in the eighties. The corporation's legendary high standards made a deep impression on him. He learned that the way to achieve true quality is to strive for excellence in every area and accept nothing less. He went on to found Trilogy in 1990 and quickly earned a reputation for producing designs that reflected his core values of performance, reliability, pride of ownership and value for money.



NIC POULSON
Founder, Technical Director

“Form follows function.”
Louis Sullivan - Architect.

Nic's designs can also be found in runway lighting systems, guiding aircraft safely to land at major airports across the UK. His success in the exacting industry of aviation is further confirmation of his breadth and versatility as a designer.

After studying in depth the inherent weaknesses in most mains derived power supplies, and their surprising impact on sound quality, Nic founded Isotek and revolutionised the concept of mains conditioning. Now the creative force behind Isol-8 Technologies, he has delivered award winning designs which display none of the negative qualities shown by previous generations of mains conditioners. His products have taken the audio community by storm and are sold to discerning users worldwide.

His design philosophy is the key to understanding all Trilogy products.

british built

One of the very few British owned, British built manufacturers of fine audio - extolling the virtues of both engineering and musical reproduction.

Embarking on a design Nic goes back to first principles, identifying the fundamental questions at the core of each design issue. By carefully addressing and optimising each electrical design element to deliver the optimum solution, the goal of minimum compromise is achieved.

We complement this by taking great care over the realisation of the design. Beauty, reliability and user friendliness are essential qualities that must be present as a design makes its way through the myriad processes that make a physical real world product.



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bentley



BENTLEY

TRILOGY AUDIO SYSTEMS - AN OFFICIAL SPONSOR OF EXPLORING THE EXTRAORDINARY:

100 YEARS OF BENTLEY MOTORS BY THE RREC AND RROC



Engineered in Britain, our attention to detail and quality harks back to the golden age of the craftsman. Every component used, and every circuit design is evaluated to offer the finest of fidelity. Every control system is about usability and elegance of interface. The aesthetics of our products follow our timeless visual language.

You will see products that continue our unique legacy.

Trilogy designs are refined to leave only the performance, vibrant and alive.

Our 33 year history continues to shape an exciting future like the finest things in life akin to Bentley Motors, another British company built on heritage and bold original thinking.

Trilogy Audio Systems were proud to be a sponsor of the book and memorable evening event.

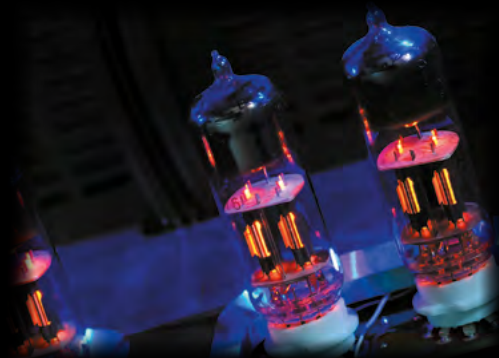
ethos

These are the reasons why our designs are enduring. From a passion to remain true to the essence of music and by keeping all the key design elements in harmony, we create products of true quality. Our ethos demonstrates what makes Trilogy products distinct, exemplifying the best tradition of British engineering.



Machined panels

Machined lids and side panels continue the Trilogy attention to detail in our products. Fit and finish is not only for aesthetics but adds mass and damps vibration in addition to the obvious pride of ownership of a meticulously engineered product.



The 6H6Π valve

Used for its extremely linear gain, high transconductance and high current properties some of our products go further, operating with a grounded grid configuration allowing the tube to produce even lower levels of distortion.



Choke input power supplies

Choke input power supplies are rather unusual in today's market. This is almost entirely down to economic reasons with space being the second reason.

Otherwise there are nothing but advantages to them. If they are seen, it is almost exclusively in "cult" valve amplifiers - but in solid state amplifiers, its practically unheard of.

A choke input supply is when a large choke (or Inductor) is placed between the rectifier and the smoothing capacitor bank. Its effect is massive. It makes the current draw from the mains transformer almost a continuous sine wave. Otherwise it would be a series of current spikes at twice the mains frequency. The "stress" in the PSU components and the noise produced is huge. Choke input supplies remove these issues.

ethos



Considered firmware

Our firmware with intuition at its heart uses a simple rotary knob and a combination of enter and escape buttons allowing not just the basic controls of volume and balance, but mastery of a myriad of other parameters including timing facilities, personalised labelling of inputs, trimming of source volume levels and much, much more.

TASlink

Our proprietary communication link between our products. In its basic form it can synchronise switching but can offer far more such as temperature and real-time current delivery of the power amplifier which is shown on the dot matrix display. These are just a few of the parameters TASlink supports.

A large red dot matrix display is clearly visible in a bright room and is user adjustable to one of nine brightness levels or can even track the ambient light level.



K Material feet

K Material feet are fitted on all larger Trilogy products. An expensive and non-resonant material. Making an ideal boundary between the amplifier and the surface it is placed upon.

Personal Remote Control (PRC)

Our Personal Remote Control (PRC) allows for all the functions of our amplifiers and coupled power amplifiers. More buttons allow for direct access to functions deeper in the firmware hierarchy. Sculpted from machined billet with ball bearing buttons it is a design classic in itself.



Hybrid design of power amplifiers

The use of a low μ (gain), high transconductance valve working into a high impedance load is without any doubt, the most accurate way to amplify a voltage. But when it comes to amplifying current, this is really better left to solid state. However, typically large and often many MOSFETs, are used for this role. But large MOSFETs require quite significant current to control their gate terminal.

At Trilogy, we use a compound output stage in all our power amplifiers. Here, a small linear MOSFET controls the loudspeaker, and a bank of bipolar transistors augment the MOSFET with all the current necessary for the demanding load.

In this way, we get the delicacy unattainable with a MOSFET only output stage, and at the same time have plenty of output current available to really control the loudspeaker.

The finest of connections...

Trilogy products are specified with pure copper Mundorf binding posts. These have the durability, function and longevity we require.



Balanced operation

When properly conceived and implemented, balanced operation is superior to single ended and is typically used less in valve amplifiers. Balanced circuits have less reliance on the delicate earth within a product. The same is true with the external interconnect cabling in a system.

However, at Trilogy we have a holistic overall approach to a design. For example, in our 993 & 994 power amplifiers, the internal structure is not a bridge and therefore does not require a differential or balanced feed. So we consider it madness to increase circuit complexity to achieve this. The 925 and 995R are bridge amplifiers and as such make full use out of this.



Machined heatsinks

Our designs are not only beautiful, but practical in two important ways. Firstly, we use extremely high mass. This means the amplifier will operate at more or less a constant temperature, and its efficiency is designed to keep this temperature in the optimum range for the output MOSFETs.

Secondly, the use of fins that vary not only in depth, but width and mark space to the next fin. This reduces the main resonance to a bare minimum.

Both of these parameters are incredibly expensive to implement but worthwhile. Form follows function again...



High Bias, Class A and ecoA

We firmly believe in using relatively large levels of current in our circuits.

In no place is it more important than the output stage of amplifiers.

The 994 and 995R have the ability to be switched from Class AB mode to pure Class A. Further there is a mode we call ecoA.

In Class AB we still use significant quiescent (idle) current, and the high voltage supply enables the greatest output power that this mode allows.

In Class A, the operating voltage is reduced, and the quiescent current is increased to a level where the current requirement of the output stage is more or less constant with respect to signal. Obviously, as the voltage rails are reduced, so is the output power. But the harmonic structure of the amplifier becomes richer and more fluid and there is the sense of more power even if in actuality there is less. The amplifier will run significantly warmer and use more power. But for some, it is the only way...

For those who enjoy **Class A** and run their systems all day, or at least a large portion of it, ecoA runs the amplifier in pure Class A all the time music is being amplified. If no signal is detected for a minute, the quiescent current is dramatically reduced. So you can wander out for lunch knowing that your amplifiers will not be wasting power.

The amplifiers will slide instantaneously to Class A as soon as music is detected. The best of both worlds...

our integrated amplifiers



The perfect harmony of pre and power amplifier resolved into one chassis without compromise. Elegant form and function you'd expect from Trilogy.

integrated amplifiers

A tough design challenge was to give our “entry level” solid state amplifier the fluidity and sheer musical involvement that typically only valve amplifiers enjoy. But in the Trilogy fashion of going against the flow...

Rather than design the 921 as a pre amplifier and a separate power amplifier in one chassis, we chose a single, ultra linear gain stage that does all the voltage gain necessary. This is then directly connected to a compound output stage reminiscent of our larger power amplifiers, enjoying the same Japanese bipolar devices.

921
solid state 75w



This topology has extremely high bandwidth, low distortion and very good loudspeaker control with only a tiny amount of overall shunt feedback.

The rectification and smoothing capacitor bank are on each left and right amplifier module and a separate winding on the mains transformer feeds these independently.

To make signal and current paths short and to minimise interactions between them, a stacked approach is used to enable the voltage gain cell to sit above the main pcb where the output stage and power supply exist.

Specification

| | |
|----------------------------|--|
| Size | 465*312*106 (w*d*h) |
| Size including connectors | 465*350*106 (w*d*h) |
| Weight | 11kg |
| Standby power consumption | 1 Watt |
| Maximum power consumption | 300 Watts |
| Input | 5 pairs of RCA phono sockets |
| Input impedance | 50 K Ohms |
| Input sensitivity | 500mV |
| Rated power | 75 Watts per channel |
| Recommended load impedance | 3 - 16 Ohms |
| Frequency response | 5-100KHz +/- 0.5dB |
| Distortion | Less than 1% A weighted at rated output into 8 Ohms. |
| Phase | Inverting |

integrated amplifiers

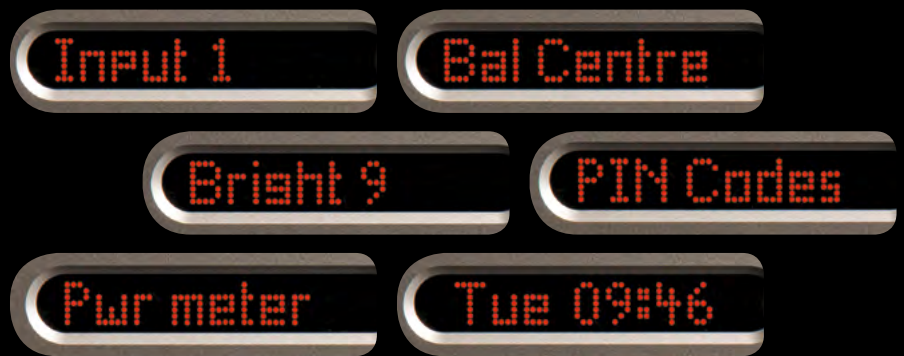
925
hybrid 135w



Our sculptural machined billet heatsinks not only dissipate heat but provide valuable vibration damping

The Trilogi 925 integrated amplifier has strength in depth that will satisfy the most demanding audiophiles. It takes the integrated concept a significant step forward to deliver an involving musical performance that is truly memorable.

At the heart of the 925 you will find many of Trilogi's award winning technologies. The balanced input stage uses the 6H6Π super tube to provide pure triode Class A, zero feedback voltage gain of exceptional linearity. The output stage has our unique zero feedback MOSFET and bipolar topology in a bridge configuration for 135w of power with impressive control.



The control menu is accessed intuitively using the rotary encoder plus enter and escape buttons. The hierarchy is carefully designed to put all the commonly needed commands close to hand



The amplifier is fully symmetrical inside and out. Unlike many other amplifiers claiming to be balanced, the signal positive and negative are never tied to ground in the 925. A powerful and fully customisable input management system also interfaces with the outside world and other Trilogy products via TASlink.

The 925 design elements are brought together seamlessly into an amplifier of superlative quality. It will serve music with a light, transparent touch and controlled, effortless agility.

The Trilogy 925 integrated amplifier is highly acclaimed no compromise one box solution for any serious audiophile

Specification

| | |
|--------------------------------|--|
| Size | 445*430*127 (w*d*h) |
| Size including connectors | 445*485*138 (w*d*h) |
| Weight | 25.5kg |
| Inputs (single ended) | 3 RCA phono sockets, 1 on 3.5mm stereo jack |
| Inputs (balanced) | 3 XLR 3 pin female |
| Input Impedance (single ended) | Greater than 42K Ohms |
| Input Impedance (balanced) | Greater than 84K Ohms |
| Input sensitivity | 600mV RMS for rated output |
| Send (Tape) Outputs | 1 RCA phono sockets |
| Rated Power (8 Ohms) | 135 Watts per channel |
| Frequency Response | 10Hz-50KHz +/- 0.5dB |
| Distortion | Less than 1% A weighted at rated output |
| Phase | Phase correct (non inverting) |

our preamplifiers



The finesse and transparency with which a preamplifier extracts and amplifies the critical musical signal is resolved by stringent attention to the topology of all Trilogy circuitry design.



preamplifiers

903

hybrid single ended



The Trilogy 903 combines peerless sound quality with impressive control flexibility. The optional integral phono stage makes this all the preamplifier many would ever need.

The control menu is accessed intuitively using the rotary encoder plus enter and escape buttons. The hierarchy is carefully designed to put all the commonly needed commands close to hand. Display brightness, customised labels and gain trims for each input, film mode, security bonding, sleep countdown, timed system switch on via TASlink, and remote operation are amongst the many configurable options available to personalise your 903 the way you want it.

The gain stage uses the 6H6Π super tube for all voltage gain. This military triode has high transconductance and low mu for exceptional performance at audio frequencies. The grounded grid configuration allows the tube to operate in pure Class A with the highest linearity and the lowest distortion. The output impedance is low for excellent drive capability.

Three separate transformers feed the power supplies. The valve's high voltage supply is actively shunt regulated. This topology ensures that the regulator can sink as well as source current, a vital detail that enables the voltage rail to remain quiet and stable under all conditions, a vital requirement for high resolution audio.

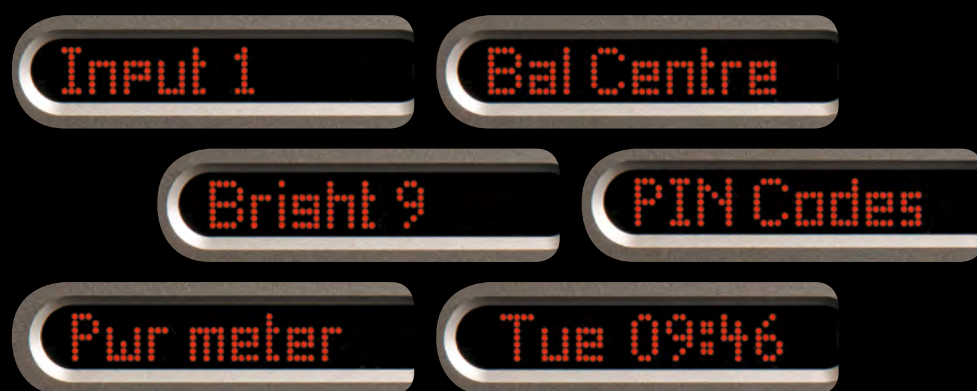
The optional phono stage is no marketing afterthought. It has much in common with the acclaimed 907, being a Class A design with passive RIAA EQ. All parameters are adjustable from the menu hierarchy via local or remote control by infrared handset or our powerful TASlink interface.

Specification

| | |
|------------------------------------|--|
| Size | 465*312*106 (w*d*h) |
| Size including connectors | 465*350*106 (w*d*h) |
| Weight | 10kg |
| Maximum Power consumption | 40 Watts |
| Inputs | 6 pairs RCA phono sockets |
| Input Impedance | 50K Ohms |
| Main Outputs | 2 pairs RCA phono sockets |
| Send (Tape) Outputs | 1 pairs RCA phono sockets |
| Output impedance (Main) | < 200 Ohms |
| Frequency response | 2Hz-50KHz +/- 0.5dB |
| Gain (Inputs to Send outputs) | 0dB |
| Gain (Inputs to Main outputs) | 14 dB +/- 0.5dB |
| Film Gain (Inputs to Main outputs) | 0dB +/- 1dB |
| Distortion | Less than 0.05% A weighted at 1V output |
| Phase | Phase correct (non inverting) |

preamplifiers

Our intuitive control menus where featured in Trilogy designs, enable the audiophile complete control of many operations with an elegant rotary dial and button entry system. Make it your Trilogy.



preamplifiers

914

balanced valve

The audio circuit of the 914 preamplifier benefits from Nic Poulson's years of experience in audio design, his pursuit of transparency and true fidelity leads to an elegant solution that reflects the passion of the designer.

A truly versatile fully balanced pre amplifier from input to output. Six inputs, three of them balanced, and three RCA are provided. There is one balanced and one RCA output per channel. Signal switching in the 914 is handled by no less than 28 sputtered ruthenium Pickering relays.

Once again, using our favourite high transconductance 6H6Π super tube to articulately voice all gain duties. Six in all feature in this products circuit. Three separate transformers one for ancillary control electronics, one for the valve's heaters and one for the high tension supplies minimise interaction and maximise musical return.

The importance of shunt regulated power supplies cannot be overstated and ensures the voltage rail remains silent, since the regulator can sink and source current as dictated by the audio circuit. The 914 boasts no fewer than four such supplies.

Once again the convenience of Trilogy firmware makes the 914 a joy to use, and encourages the owner to dig deeper into the settings. The control menu is accessed intuitively using the rotary encoder plus enter and escape buttons. The hierarchy is carefully designed to put all the commonly needed commands close to hand. Display brightness, customised labels and gain trims for each input, film mode, security bonding, sleep countdown, timed system switch on via TASlink, and remote operation are amongst the many configurable options available to make the 914 truly yours.

The 914 is of rare quality, it offers both supreme flexibility and peerless construction. Above all, it is the sublime musical performance that will convince you of its rightful place; at the very heart of your system.

Specification

| | |
|--------------------------------|-------------------------------|
| Size | 465*370*115 (w*d*h) |
| Weight | 12.4kg |
| Maximum power consumption | 55 Watts |
| Inputs(balanced) | 3 pairs XLR 3 pin female |
| Inputs(single ended) | 3 pairs RCA phono sockets |
| Input impedance (balanced) | > 48K Ohms |
| Input impedance (single ended) | > 24K Ohms |
| Main outputs (balanced) | 1 pair XLR 3 pin male |
| Main output (single ended) | 1 pair RCA phono sockets |
| Send (Tape) output | 1 pair RCA phono sockets |
| Output impedance (main) | 400R |
| Frequency response | 10-150 KHz + / - 0.5dB |
| Gain (input to Send output) | 0dB |
| Gain (input to Main output) | 24dB |
| Phase | Phase correct (non inverting) |

preamplifiers

915R

reference balanced valve



The 915R preamplifier is TrilogY's superlative statement pre amplifier, a culmination of decades of design knowledge and a no compromise brief. The sonic character of this design being as close to the live performance, has been realised. Boldness and subtlety are delivered with equal aplomb.

Openness, balance and agility produced with this preamp make music tangible, the listener is not left short of nuance. Lithe sonic landscapes are revealed, imbued with just the correct scale and perfect imaging.

The control menu is accessible through a highly intuitive rotary encoder, this facilitates all the common functions being readily available with thoughtful implementation communicated through a large red LED dot matrix display. Display brightness, customised labels and gain trims for each input, film mode, security bonding, sleep countdown, timed system switch on via TASlink, and remote operation enable you to make the 915R a bespoke experience - an interface that is a joy to use. An optional security PIN code can be entered at start up which in the event of theft would render the unit unusable.

This is a preamplifier that anticipates all the users requirements. The inputs can be named individually, and channel balance configured to suit. Dig deeper into the menu and you will find the display of the valves' work hours, days of week and the ability to schedule on and off times to everything connected via TASlink, or temperature of any connected TrilogY amplifier, real-time bar graph of the current being supplied to the loudspeaker and more.



The gain stage comprises four 6H6Π super tubes mounted on solid billets for the voltage gain. This circuit performs exceptionally well in audio applications and its associated frequencies with true high fidelity and low distortion. A series of three separate transformers feed the power supply, the design actively shunt regulates the valves high voltage supply. The voltage rails ability to both sink and source current allows it to be both stable and quiet. Output is provided by the renowned Lundahl transformers. There are no signal coupling capacitors at all.

The preamp is supplied as standard with the stunning billet PRC remote, and a quality ISOL-8 IsoLink Wave power cord.

The 915R features a comprehensive range of inputs and outputs both balanced and unbalanced.



The TrilogY Personal Remote Control (PRC) is supplied as standard with the 915R preamplifier

Specification

| | |
|--------------------------------|-------------------------------|
| Size | 465*450*117 (w*d*h) |
| Weight | 19kg |
| Maximum Power consumption | 95 Watts |
| Inputs (balanced) | 3 XLR 3 pin female |
| Inputs (single ended) | 3 pairs RCA phono sockets |
| Input Impedance (balanced) | >48K Ohms |
| Input Impedance (single ended) | >24K Ohms |
| Main Outputs (balanced) | 2 pairs XLR 3 pin male |
| Main Outputs (single ended) | 2 pairs RCA phono sockets |
| Send (Tape) Outputs | 1 pair RCA phono sockets |
| Output impedance (Main) | 600 Ohms |
| Frequency response | 20Hz-45KHz +/- 0.5dB |
| Gain (Inputs to Send outputs) | 0dB |
| Gain (Inputs to Main outputs) | 14 dB |
| Phase | Phase correct (non inverting) |

our power amplifiers



Power is nothing without control. Trilogy power amplifiers offer agility, control and nuance in musical performance encased in considered sculptural forms.

power amplifiers

993

hybrid stereo 125W

Complementing the 903 Preamplifier. 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.

All the 993's voltage gain is provided by a 6H6П super tube. This military triode has been selected for exceptional performance at audio frequencies, having both high transconductance and low mu. 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. Because of the output stage's unique topology the valve has an easy load, seeing only a small MOSFET. This enables it to deliver the musical flow and micro detail that makes valves so special.

The 993 takes the unusual step of specifying a choke input power supply for the solid state output stage. The choke is nearly as large as the power transformer and plays a crucial role in the amplifier's performance.

Premium reservoir capacitors and soft recovery diodes complete the power supply. 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 with up to 125 watts into 8 Ohms.

The amplifier has zero global negative feedback, but because of high bias it still exhibits a low output impedance. TASlink connectivity provides functions such as remote switch on, remote status monitoring through the system controller, and security bonding. The 993 is unconventional only because every element of its design and construction has been driven by a passion to deliver performance that will captivate and delight the listener.



Specification

| | |
|----------------------------|---|
| Size | 465*346*106 (w*d*h) |
| Size including connectors | 465*378*106 (w*d*h) |
| Weight | 19kg |
| 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) |

power amplifiers

994

hybrid monaural 140W



A zero negative feedback hybrid design, the 994 embodies much of the attributes of our highly acclaimed 995R mono amplifiers but in a smaller and equally distinct sculpted form.



Offering the listener 140W into 8 Ohms and significantly more into lower impedances, the 994 is eminently capable.

Again using the 6H6Π in a grounded grid configuration driving TrilogY's unique generous compound output stage.

As with the 995R, the 994 offers the ability to be operated in Class AB, Class A or ecoA modes.

Of course, a massive choke input power supply as one would expect.

Yet another TrilogY statement piece of form and function from the mind of Nic Poulson made reality.



Specification

| | |
|---------------------------------------|---|
| Size | 190*365*312 (w*d*h) |
| Size including connectors | 190*400*312 |
| Weight | 25kg |
| Standby power consumption | below 1W |
| Maximum power consumption | 600 Watts |
| Input | 1 RCA phono socket |
| Input impedance | 200K Ohms |
| Gain | 31dB |
| Input sensitivity | 1.1 VRMS for rated output |
| Rated power (Class AB mode) | 140 Watts into 8 Ohms 200 Watts into 4 Ohms |
| Rated Class A power (Class A Mode) | 20 Watts into 8 Ohms |
| Actual usable power (Class A mode) | 30 Watts into 8 Ohms 55 Watts into 4 Ohms |
| Recommended load impedance | 2 - 16 Ohms |
| Frequency response | 2-100 KHZ +/- 0.5dB |
| Distortion | Less than 1% A weighted at rated output into 8 Ohms. |
| Phase | Phase correct (non inverting) |

power amplifiers



The 995R is Trilogy Audio Systems' statement monaural power amplifier, brought to fruition after four years of research. Dedication that is evident in all Trilogy family products. Truly monolithic and architectural in form.

995R

reference monaural hybrid 200W

Trilogy 995R is not just beautiful on the surface. As many of our power amplifiers the 995R is a hybrid design. Its hybrid topology involves two 6H6П valves as voltage amplifiers, whereas small linear MOSFETs on duty with 12 Japanese Bipolars form the product's push-pull compound stage. The PSU based on a large toroidal transformer and custom caps enjoys full choke input supply.

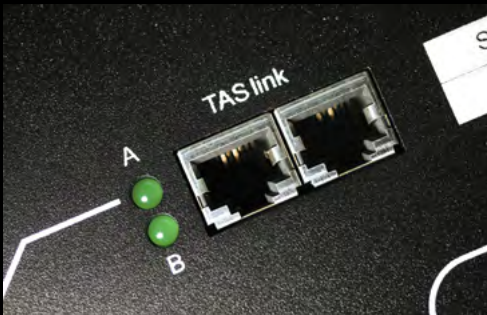
These amplifiers are able to be cycled through three modes, Class AB, A and ecoA via a discrete selector button on the rear, or via the PRC over TASlink.

The circuit has no feedback, is fully balanced and also features a bridged output stage. This output configuration enables the negative connection of the loudspeaker to have no reference to earth. This removes a huge current flow returning from the loudspeaker from contaminating signal ground.

Once again Trilogy has made a product that defies aesthetic convention and made a compact mono power amplifier with truly arresting performance. Statement amplifiers from a true British Independent. Reviews have stated the 915R /995R Pre/Power combination to be the very best of their kind.



Selectable listening modes Class AB, A and ecoA



Connectivity to TASlink enabled preamplifiers



Specification

| | |
|------------------------------------|---|
| Size | 190*460*350 (w*d*h) |
| Size including connectors | 190*495*350 (w*d*h) |
| Weight | 38kg |
| Standby Power Consumption | < 1 Watt |
| Maximum Power consumption | 1100 Watts |
| Inputs (balanced) | 1 XLR 3 pin Female |
| Inputs (single ended) | 1 RCA phono socket |
| Input impedance (balanced) | 200K Ohms |
| Input impedance (single ended) | 50K Ohms |
| Gain (balanced) | 25dB |
| Gain (single ended) | 31dB |
| Input sensitivity (balanced) | 2.25V RMS for Rated output |
| Input sensitivity (single ended) | 1.15V RMS for Rated output |
| Rated Power (Class AB Mode) | 200 Watts into 8 Ohms 350 Watts into 4 Ohms |
| Rated Class A power (Class A Mode) | 40 Watts into 8 Ohms |
| Actual usable power (Class A Mode) | 55 Watts into 8 Ohms 100 Watts into 4 Ohms |
| Recommended load impedance | 2-16 Ohms |
| Frequency response | 2Hz-100KHz +/- 0.5dB |
| Distortion | Less than 1% A weighted at rated output into 8 Ohms |
| Phase | Phase correct (non inverting) |

our phono stages



The amplification of the tiniest of electrical signals from the tip of a diamond in a record groove is something Trilogy has addressed with a typical and rigorous no compromise approach.

phono stages



906i
single box mm/mc

The 907 Phono Stage remains one of our most loved and popular designs. We have now brought as much of the acclaimed 907's technology as possible within the reach of a wider audience. The TrilogY 906i Phono Stage has a close bond with its illustrious sister, bringing genuine audiophile performance to a more affordable price point.

The simpler a design is; the more constraints are placed upon it. It takes real skill and experience to keep performance high and cost low.

The 906i has a signal path free from cheap, off-the-shelf op-amp integrated circuits. The gain stages are single ended Class A and fully discrete.

The integral low noise, linear power supply is generously specified with a custom transformer. No generic, electrically noisy, switching wall-warts here.

The power supply rails are shunt regulated. Although the component count is higher than the inexpensive series regulator IC solution usually found here, their performance is far superior.

Settings for MM or MC gain and comprehensive cartridge loading are accessed by configuration switches on the base.

The 906i may be affordable, but the 906i meets all TrilogY's expectations. It stands as testament to our core company values, embracing all the qualities that make vinyl so appealing. It makes the listening experience physically, emotionally and musically involving. In other words, a pleasure.

Specification

| | |
|------------------------------------|--------------------------------|
| Size | 140*220*48 (W*d*h) |
| Size including connectors | 140*230*48 (W*d*h) |
| Weight | 1.7kg |
| Power consumption | 4 Watts |
| Inputs | 2 RCA phono sockets |
| Input Impedance | 47K Ohms (user adjustable) |
| Input Capacitance | 100pF (user adjustable) |
| Gain | 40dB or 60dB (user adjustable) |
| Frequency response (to RIAA curve) | 20-20KHz +/- 0.25dB |
| Output impedance | 150 Ohms |
| Phase | Phase correct (non inverting) |

phono stages

973

single box mm/mc

The renaissance of vinyl is entirely understandable in recent years, it is an enduring medium that has been close to the audiophiles heart despite the clamour of the digital revolution. Vinyl has unique qualities which Trilogy phono stages extol. The 973 and 975 are the new generation products with the same DNA as our highly acclaimed 907 phono stage.

Innovative circuit topology, optimized electrical screening, superior component quality and microphony reduction give the 973 class leading performance. Vast headroom, low noise floor and low dynamic distortion are just some of the benefits realized in achieving our main goal; outstanding musicality.

Gain settings for MM or MC and cartridge loading are easily achieved via configuration switches on the base. The casework has the beautiful sculptural form so synonymous with Trilogy's visual language that appears to float with a clever use of chamfering.

Specification

| | |
|------------------------------------|-------------------------------|
| Size | 270*312*74 (w*d*h) |
| Weight | 5kg |
| Power consumption | 10 Watts |
| Input | 1 pair of RCA phono sockets |
| Input impedance | 47K Ohms (user adjustable) |
| Input capacitance | User adjustable |
| Gain | User adjustable |
| Frequency response (to RIAA curve) | 20-20KHz +/- 0.25dB |
| Output impedance | 150 Ohms |
| Output | 1 pair of RCA phono sockets |
| Phase | Phase correct (non inverting) |

AVAILABLE IN 2024.



phono stages

975

twin box mm/mc

The 975 with external power supply, is our ultimate reference phono stage. The main unit is housed in a massive machined billet weighing more than 5kg providing outstanding physical as well as electrical isolation for each of the circuit elements.

Each channel has an independently housed and isolated gain stage. The fully discrete topology is single ended; achieving high bandwidth and low distortion through the use of active current sources and cascode gain blocks. Precision matched input transistor pairs ensure ultra low noise. Gain settings for MM or MC and a wide array of cartridge loading are easily achieved via configuration switches underneath.

The common series regulator, usually chosen for its lower power dissipation and simplicity, has been rejected in favour of discrete shunt regulators biased heavily into Class A for plenty of headroom. The key feature of shunt regulators is their ability to sink, as well as source current. This gives a clear performance advantage under the dynamic operating conditions that music demands.



The 975 features an external choke input power supply

phono stages

975

twin box mm/mc



Machined from solid aluminium billet the 975 provides the ultimate in mechanical isolation of the circuitry as well as negating vibrations

The DC for the regulators is derived from a remote power supply. A meticulously designed external PSU feeds the main unit with clean optimum current. The enclosure can be placed to keep any magnetic fields well away from the sensitive active circuitry. The custom mains transformer is a low current density design with a copper Faraday screen. It feeds the main custom reservoir capacitors via a bespoke inductor, forming a true choke input supply for absolute minimum electrical noise.

Superbly crafted for making music at the highest level, the Trilogy 975 sets a new benchmark, conjuring music that lives and breathes, keeping the magical essence of analogue perfectly intact.



Specification

| | |
|------------------------------------|-------------------------------|
| Size | 270*312*56 (w*d*h) |
| Weight | 6.8kg |
| PSU Size | 270*312*74 (w*d*h) |
| PSU Weight | 5.7kg |
| Power consumption | 15 Watts |
| Input | 1 pair of RCA phono sockets |
| Input impedance | 47K Ohms (user adjustable) |
| Input capacitance | User adjustable |
| Gain | User adjustable |
| Frequency response (to RIAA curve) | 20-20KHz +/- 0.25dB |
| Output impedance | 150 Ohms |
| Output | 1 pair of RCA phono sockets |
| Phase | Phase correct (non inverting) |

our headphone amplifiers



Moving the delicate membrane of a headphone driver is very different to energising a loudspeaker. The small signal integrity of the amplifier becomes even more critical with a fraction of the mass to control and the subtle masking of the listening environment removed.

headphone amplifiers



931i

single box
headphone amplifier

The way we listen constantly moves and evolves. With more of us interested in quality headphone listening than ever before, we decided to make a headphone amplifier with a wider reach. The brief for the 931 project was to keep all of the essential elements that once made the highly acclaimed 933 so successful but at a significantly lower cost. The 931i (improved) may be affordable, but its performance and quality is still pure Trilogy.

The 931i is a fully discrete design, no generic integrated circuits are used, so designer Nic Poulson can control all the active circuit's crucial parameters, optimising performance for its intended application only. The small, light drivers found in headphones are very closely coupled to the ear and as a result are ruthlessly revealing.

Like its illustrious kin the 933, the audio circuit operates in pure single ended Class A with active constant current sources. Each channel has a single continuously biased output device. The main benefits of this topology are that the output is free from crossover distortion, and the device is held at a constant temperature. An oversized linear power supply gives good operating headroom for the active circuitry. All these elements combine to give excellent small signal resolution while maintaining good drive capability.

There are two stereo line inputs, professional audio grade ALPS volume control and quality components from branded sources used throughout. The output devices dissipate enough heat to need heatsinking. An extruded off the shelf heatsink would serve here but we chose to employ a custom CNC machined part. Semiconductors are sensitive to mechanical vibration and their operating characteristics vary with temperature. The sound quality benefits of attaching the output devices to a high mass with low resonant signature and large thermal inertia more than offset the increased costs.

Intelligent design can overcome the constraints of finite resources. The 931i carries all the traits that make its bigger brethren such involving musical performers. Detailed, spacious, communicative, the 931i is indisputably Trilogy through and through.

Specification

| | |
|---------------------------|---|
| Size | 140*237*50 (w*d*h) |
| Size including connectors | 140*244*50 (w*d*h) |
| Weight | 1.7kg |
| Power consumption | 16 Watts |
| Inputs | 2 Stereo line 4 RCA phono sockets |
| Input Impedance | ≥50K Ohms |
| Gain (max) | 18dB |
| Frequency response | 20-20KHz +/- 0.5dB |
| Output impedance | ≤ 10 Ohms |
| Output Power | 800mW into 60 Ohms 200mW into 300 Ohms |
| Distortion (THD) | ≤ 0.05% 10mW into 300 Ohms |
| Signal to Noise Ratio | ≥ 85dB A Weighted |
| Phase | Phase correct (non inverting) |

headphone amplifiers

Trilogy Special Products Division S.P.D. further extends the exclusivity and design credentials of our brand. The H1 electrostatic headphone energiser is the first such product in this series.

SPD products will be, by their very nature pushing the boundaries of aesthetic design and circuit topology. SPD components never follow trends or notions without thorough research. Each and every design will be unique and in many cases are niche and limited in production run.

Each and every product produced will be hand assembled and tested by Nic Poulson personally. Ensuring its at the pinnacle of what we can produce.

In SPD we strive to lead in the creation, development and production of the finest possible components. SPD is a balance of uncompromising function and form in perfect harmony, SPD sets the standard.



The subtle S.P.D. Morse logotype for the SPD range is aligned to the Trilogy Audio Systems ethos, elegant and functional solutions without unnecessary ornament or redundancy. The purest form of electrical communication.

H1

electrostatic
headphone
energiser

The first S.P.D. Product



Trilogy has opted to make the first Special Products Division product a component where nuance and tangibility is etched in fine detail - an electrostatic headphone energiser built with meticulous sonic craftsmanship.

The SPD H1 circuit is unique in terms of a solution. The design consists of two separate toroidal transformers, one for heating the triodes, the other for the high tension supply. The vacuum tube circuit utilises high transconductance military specification tubes throughout.

The input tubes are two pairs of 6C3Π followed by one pair of 6H6Π output tubes.

The H1 is a pure Class A fully balanced circuit with both wide bandwidth and zero feedback giving a pure communication between the listener and the music. Naturally on this no compromise design wiring is Teflon coated point to point silver plated copper. The output sockets are PTFE/Teflon with gold plated contact surfaces and suit all Stax and similar electrostatic headphones.

headphone amplifiers



H1

electrostatic
headphone
energiser

The first S.P.D. Product



The H1 provides palpable bass and a forthright and authoritative midrange, in addition to the quality airiness that electrostatic headphones are so renowned for. The ephemeral yet conversely frustrating qualities of the traditional experience of electrostatic headphone presentation have been addressed. It has taken time to reverse conventional thinking, but the result was worth it. Experience the openness and pure escapism the H1 provides.

As with any Stax compatible energiser performance is dependent on the quality of the source i.e. CD players analogue output stage, and quality of other manufacturers digital volume controls, but the buyer of the H1 rest assured that Triløgy has, once again redefined the standard by which Stax compatible energisers must be judged by and must be experienced to be believed.

Specification

| | |
|------------------------------|-------------------------------|
| Size | 260*392*88 (w*d*h) |
| Size including connectors | 260*405*88 (w*d*h) |
| Weight | 6.7kg |
| Power consumption | 55 Watts |
| Power consumption (standby) | 1 Watt |
| Inputs Balanced | 2 pairs of XLR 3pin female |
| Inputs Single Ended | 2 pairs of RCA phono sockets |
| Input Impedance Single Ended | ≥33KOhms |
| Input Impedance Balanced | ≥66KOhms |
| Gain (max) | 56dB |
| Frequency response | 10-50KHz +/- 0.5dB |
| Valve Complement | 4* 6C3PI, 2* 6H6PI |
| Phase | Phase correct (non inverting) |
| Bias Voltage | 580VDC |

“Music gives a soul to the universe,
wings to the mind, flight to the
imagination and life to everything.”

- Plato

TRILOGY
AUDIO SYSTEMS

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Specification subject to change. E&OE ©2023 Issue 1.

