

welcome to **pure audio**

More Music, Less Technology

Your enjoyment of music was the motivation for Gary Morrison and Ross Stevens to create PureAudio. Our every design decision is to serve this purpose. Purity in sound, materials, design, and execution is our goal. Our user interfaces are refined away to an unobtrusive minimum. Our materials and component choices will ensure a lifespan amounting to decades.

We invite you to enjoy our creations ...

duo power amplifier

"With the Duo Power amplifier my goal has been to get as close as I can to the performance of our Reference Mono amplifiers in one chassis. I have been able to stretch the performance envelope slightly while further innovating in power supply and ground system design. This has all been done in the service of music, and I am very happy with the resulting amplifier. I think the Duo Power amplifier offers truly excellent value for money. It should offer enjoyable music reproduction for decades of use."

Gary Morrison

"The Duo, our physically most substantial product to date, requires the ideal environment for two power amplifier channels in a single package. I was very excited to see how our chassis design would perform supporting the greater weight and thermal performance needed by the Duo. Our investment in a substantial aluminium chassis provided the perfect enclosure for strength, low magnetic interference and thermal dissipation."

Ross Stevens



It is no accident that some of the most musical and highly regarded amplifiers of the past few decades have been Class A and of low power, often around 60-70 watts. This is a power level that allows many conflicting demands to be resolved in an harmonious manner, resulting in sound that is relaxed, pure and involving. With our Duo Power Amplifier we offer that level of Class A capability with added headroom for difficult loads.

Sounding neutral or slightly tube-like, and devoid of any solid state signature, our Duo power amplifier will comfortably work with domestic loudspeakers in typical home environments.

The Class A Power rating is perfectly matched to this requirement and limits the energy consumption and the heat generated during operation in a true Class A design. The power rating also allows us to include a fully regulated, high-current power supply (this is a very rare inclusion) providing an optimum low impedance, low noise environment, from which the amplifier can deliver its very best.

Having chosen Class A operation we were conscious of the need to avoid energy wastage and so designed the amplifier to fall back automatically to a low power standby mode when not in use.

The amplifier's Class A operation is automated through both signal sensing and 12V trigger connections. When partnered with our Control Preamplifier via the 12V trigger circuit, Class A is activated when the preamplifier is brought out of standby.

Our universal chassis design, constructed from heavy aluminium, stainless steel mesh, and supported optimally on three custom designed feet, presents a beautiful architectural look and fully supports our musical goals.

Specifications:

Power: 100 Watts continuous into 8 Ohms
Frequency Response: Flat from 10Hz to 100kHz
Input Impedance: 100k Ohms
Distortion: Typically <0.01% under normal operation
Current Output: 40A peak
Hum & Noise: Inaudible
Gain: 28dB
Control Terminals: 12V trigger in
Power Consumption Normal Bias: 260 Watts
Power Consumption High Bias: 400 Watts
Power Consumption in Standby: 5 Watts
Dimensions: 410mm deep, 380mm wide, 155mm high
Weight: 24kg

If you have any questions or comments either ask your PureAudio retailer, or contact us via our website,

www.pureaudio.co.nz

We would be happy to hear from you.

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