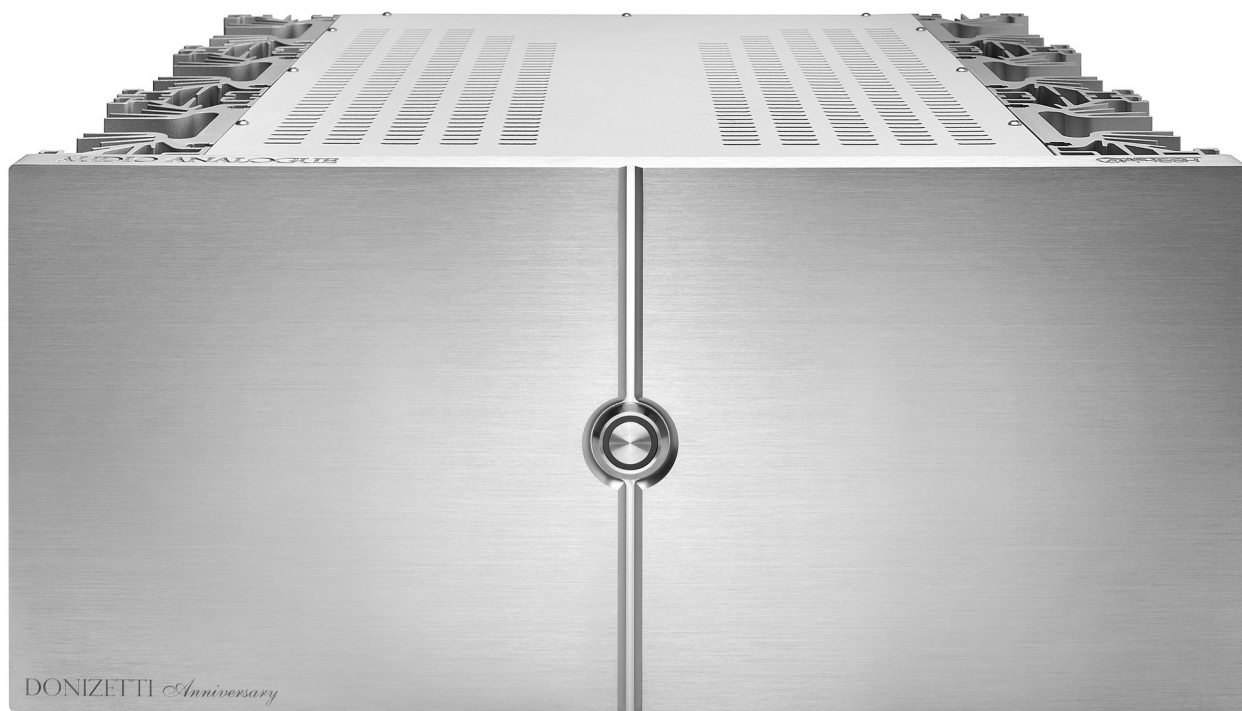


DONIZETTI

Anniversary

POWER AMPLIFIER



The power amplifier Donizetti Anniversary, designed in the Airtech laboratories, is part of the Anniversary line, re-proposing another of the historical products of Audio Analogue. The only thing in common between this new model and previous versions of Donizetti remains the name, while the project and the technical solutions used are completely new. It is a high power stereo power amp: with its 250W@8Ω that doubles halving the impedance is able to perfectly drive any loudspeaker. It can be used also in bridge-mono configuration and reaches over 1000W@8Ω. The amplifier has a complete dual-mono configuration starting from the two 1200VA toroidal transformers specifically designed for low dispersed flow. Uses our SeGeSTA (Single Gain Stage Transconductance Amplifier) configuration followed by a group of four transistors to provide all the necessary current without affecting the gain stage performance. The amplifier does not use global feedback. The 4-layer printed circuit has been designed so that the input signal never crosses the output signal and that the sensitive amplification stages are as far from the power transformers as possible.

All components are of the highest level, starting from military standard resistors to continue with the capacitors on Airtech specification up to the wiring made of 7N OCC copper and to the purecopper and gold-plated connectors. Donizetti Anniversary is available in silver and black.



AUDIO ANALOGUE

soundpleasure

DONIZETTI

Anniversary

POWER AMPLIFIER



Technical description

Zero Global feedback, all stages fully balanced, dual-mono configuration and discrete components circuits, power stage with 12 bipolar transistors per channel, 56000 μ F filter capacity per channel, oversized military resistors to minimize thermal distortion, "audiograde" capacitors on Airtech specifications, microcontroller management.

Technical specs

Channels: 2(1 in bridge-mono configuration)

Input impedance: 47 k Ω

Gain: 26 dB

Power on 8 Ω load: 250W @ 1% THD(stereo)/1000W @ 1% THD(mono)

Power on 4 Ω load: 500W @ 1% THD(stereo)/1700W @ 1% THD(mono)

Power on 2 Ω load: 900W @ 1% THD(stereo)/2200W @ 1% THD(mono)

Sensitivity(8 Ω output, 250 W): 2.3 VRMS

Frequency Responce(Attenuation 0dB, -3dB band): 110 KHz

Output resistance(8 Ω nominal power and 1kHz): 0.15 Ω

Input Noise(Band limits 0Hz-80kHz): \approx 10 μ V

Input Noise(A-weighted): \approx 4 μ V

Signal/noise ratio(Attenuation: 0dB A weighted referred to 8 Ω load nominal power): >110 dB

Standby power consumption(230V): <1 W

Dimensions(mm): H221xW450xD428

Weight(Kg): 41,20



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