
MUSICAL FIDELITY

A1001 Integrated Amplifier

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OVERVIEW

Strongly biased into Class A (roughly 93% of music is in Class A), the A100 benefits from the sonic advantages of Class A operation, without the drawbacks of immense heat and vast power consumption of pure Class A. It is a low feedback design with passive preamp, phono and RIAA stages, and a sophisticated power supply.

FEATURES & BENEFITS

High bias Class A/B operation	Gives the best sound quality due to constant current operation and reduced power supply noise modulation
Structured as completely separate preamp and dual monobloc amplifiers power in a single box	Provides the best of both worlds with the advantages of separated components but with perfect interconnection between them and without the need for potentially sound degrading interconnect cables
Three separate fully magnetically shielded mains transformers	Pre and Power amps all have their own supplies for reduced intermodulation giving solid imaging and a palpable bass response
Preamp and power amp sections are connected by removable links on the back panel	Allows the easy insertion of surround sound processors etc.
Additional second preamp output	Extra flexibility for use with surround sound systems, bi-amping or multi-room etc.
Fully discrete preamp design utilising high current pre-driver transistors	Pure Class A preamp circuit for very low distortion and the smooth, open sound characteristic of this type of operation
Full remote control	Armchair convenience
High power, high current output using 5 pairs of output transistors per channel	200 watts per channel (400 watts per channel into 4 ohms) with massive peak current capability gives the A1001 the ability to drive any speaker with ease and ensures exceptionally low distortion under transient or dynamic conditions

SPECIFICATIONS

Power output	200 watts per channel, 8Ohms (23 dBW) 400 watts per channel, 4Ohms
Frequency response	10 Hz - 30kHz + 1dB
THD	< 0.06% 20Hz - 20kHz to full rated power < 0.003% 1kHz to full rated power
Peak current	50 Amps
S/N ratio	> 91dB unweighted > 96dB ?A? weighted
Channel separation	typically > 70dB
Inputs	6 Line
Input sensitivity	300mV
Power consumption	1000 watts (maximum)
Dimensions	475 x 164 x 540mm (W x H x D) Height includes feet, depth includes terminals and volume knob
Weight	30 kgs
Standard accessories	IEC type mains lead Remote control handset 2 x batteries (AA, SUM-3, CR6)