

MUSICAL FIDELITY

A300 Integrated Amplifier



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OVERVIEW

The new A300 dual mono integrated amplifier has a rare combination of complete neutrality of sound and very high power, but with the delicacy and precision of a low powered amplifier, and almost no practical limit on its true power delivery. By neutrality, we mean a true representation of recorded reality, producing all the music's natural harmonics without audible distortion and with a true dynamic range.

FEATURES & BENEFITS

Active preamp output included.	Permits flexible use of the A300 in multi-room or surround-sound situations. Also allows passive bi-amping.
Dual mono power amps.	Excellent stereo separation, resulting in great imaging and depth of field. Also gives greater dynamic headroom and image stability.
Separate transformer windings for preamp.	No interaction between power amp and preamp, yielding excellent inter-stage isolation and consequently, grain-free sound with unimpeded dynamic range.
Separate windings for digital remote control electronics.	Ensures that none of the digital electronic control artefacts get onto any analogue power supply lines. True benefit is full remote control with no sonic losses.
Full remote control.	Remote control of volume and select.
High quality phono MM/MC stage as standard.	High-quality phono stage designed to work perfectly with the pre- and power amp electronics.
Very low high-frequency distortion up to 60kHz.	This rare level of performance ensures absolutely neutral, clean, hash- and grain-free reproduction of high frequencies.
Very high power (150 Watts per channel)	Ensures virtually limitless dynamic range with any loudspeaker, in any room.

and peak current
(greater than 20
Amps).

Extremely wide stability margins. The extremely high stability margins, coupled with the high power and high current means that the A300 can drive any loudspeaker in existence, with ease.

SPECIFICATIONS

Power output	150 watts per channel into 8 Ohms 250 watts per channel into 4 Ohms
THD	<0.008% at 1kHz
Frequency response	10Hz - 20kHz \pm 0.5dB
Inputs	MM/MC Phono, five line
Input sensitivity	MM Phono: 3.5mV 47 kOhms MC Phono: 350...
Line inputs:	300mV 47 kOhms
S/N ratio, Line inputs	-90dB unweighted -100dB 'A' weighted
S/N ratio, MM phono	-65dB unweighted -75dB 'A' weighted
S/N ratio, MC phono	-66dB unweighted -73dB 'A' weighted
Dimensions (mm)	440 x 115 x 400 (W x H x D) Height includes feet. Depth includes terminals.
Power requirements	100/115/230V AC 50/60 Hz (Factory preset)
Power consumption	600 Watts