

MUSICAL FIDELITY

A3 Integrated Amplifier



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OVERVIEW

The A3 has a dual mono configuration, with a separate power transformer for each power amp, and separate windings for the preamp and remote control. The cutting-edge printed circuit board design uses double-sided, plate-through-holes PCBs, with an advanced ground plane configuration to ensure astonishing performance. Inputs are switched via relay. Phono MM/MC stage is standard. The A3's rated power is 85 watts per channel, but it will deliver sustained peak powers of 110 watts. In other words, the A3 will deliver plenty of peak current, loads of peak volts and will be unconditionally stable into any load. The front panel is machined, heavy, milspec, extruded aluminium with a bright silver finish, similar to the X-A Family. Knobs are machined of solid aluminium with gold-plated detailing.

FEATURES & BENEFITS

Active preamp output included.	Permits flexible use of the A3 in multi-room or surround-sound situations. Also allows passive bi-amping.
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Dual mono power amps.	Excellent stereo separation, resulting in great imaging and depth of field. Also gives greater dynamic headroom and image stability.
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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.
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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.
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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.

SPECIFICATIONS

Power output	85 watts per channel into 8 Ohms 170 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 μ VLine 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 92 x 400 (W x H x D) Height includes feet. Depth includes terminals.
Power requirements	100/115/230V AC 50/60Hz (Factory preset)
Power consumption	400 watts