MUSICAL FIDELITY

X-80 Integrated Amplifier

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OVERVIEW

By our standards the X-80 is quite low powered. To compensate for this you should use higher efficiency loudspeakers (preferably more than 92dB for 1 watt) used this way the X-80 produces fantastic sound. It has the same circuitry and PCB as the highly regarded award-winning X-150 but with about 3dB less power, no phono stage and more modest aesthetics. If you're prepared to hunt around a bit for high efficiency loudspeakers then the X-80 offers fantastic performance at a modest price.

FEATURES & BENEFITS

Uses same pcb as X-150.	Has very similar sonic characteristics to X-150 with a little less power.
Upgradability.	In UK only the X-80 can be upgraded to an X-150 at the retail price difference plus £50.

SPECIFICATIONS

Output	
Power	55 Watts one channel into 8 Ohms (17.4dBW) 85 Watts one channel into 4 Ohms
Voltage RMS	21 Volts 20Hz to 20kHz, one channel loaded
Voltage Peak	59 Volts

Peak-to-peak output current	28 Amps
Damping factor	77
Output devices per channel	2
Pre-output impedance	50 Ohms

Line inputs

Total harmonic distortion + noise	< 0.02% 20Hz to 20kHz
Signal / noise ratio	> 93dB 'A'-weighted
Input sensitivity for 55 Watts, 8 Ohms	175mV
Input impedance	220k Ohms
Overload margin	29dB
Channel separation	> 55dB typical
Frequency response	20Hz to 20kHz, + 0, - 0.4dB

General

Input facilities	4 pairs line level RCA connectors
Output facilities	2 amplifier channels via 1 pair per channel binding posts. 1 pair RCA audio outputs controlled by the volume, 1 pair RCA tape record fixed line level output.
Power Requirement	100 / 115 / 230Volts AC 50 / 60Hz (factory pre-set), 190 Watts maximum into 8 Ohms, 15 Watts idle.
Dimensions	218mm, 8.6 inches wide 98mm, 3.8 inches high (including feet) 339mm, 13.4 inches deep (including knob and rear terminals)
Weight	6.5 kg, 14.3 lbs unit only, unboxed 8 kg, 17.7 lbs in shipping carton
Standard Accessories	IEC type mains lead (10-Amp), remote control, 2 batteries size LR03 or AAA, manganese alkaline type