

MUSICAL FIDELITY

X-T100 Amplifier

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OVERVIEW

The X-T100 is based around *exactly* the same concepts as used in our super-integrated series (Nu-Vista M3, Tri-Vista 300, kW500 and kW550). Not surprisingly, even though it has much less power, the sound *quality* is almost indistinguishable from its illustrious siblings. The X-T100 is true budget esoterica. Pair it with the right sort of loudspeakers and you really can get a true high end sound. It's not surprising really because all the concepts behind the X-T100 and the circuitry employed are exactly the same as on our most expensive amplifiers. This puppy has to be heard to be believed.

FEATURES & BENEFITS

Tube preamp stage.

Sweet accurate sound quality.

High quality phono stage.

Makes your vinyl discs sound great.

High quality high current low distortion power amp.

Drives most speakers easily and has a remarkable seamless ungrainy sound quality.

Free-standing external PSU.

No nasty magnetic hysteresis effects near the delicate circuitry.

SPECIFICATIONS

**Output:
Power**

70 Watts per channel into 8 ohms

	(18dBW) 100 Watts per channel into 4 ohms
Voltage RMS	>20 Volts 20Hz to 20 kHz
Voltage Peak-to-peak	67 Volts
Current Peak-to-peak	30 Amps
Damping factor	80
Output devices per channel	2
Pre-output impedance	47 Ohms

Line inputs:

THD + noise, 20 Hz to 20 kHz	< 0.01%
Signal / noise ratio	>98dB 'A'-weighted
Input sensitivity for 70 watts	172mV
Input impedance	220k Ohms
Overload margin	26dB
Channel separation	> 80dB typical
Frequency response	20Hz to 20kHz, + 0, - 0.2dB

Phono input:

Signal / noise ratio	> 96dB 'A'-weighted
Input sensitivity	2.5mV (moving magnet)
Input impedance	47k Ohms
Overload margin	24dB

Connections:

Line level inputs	3 pairs line level RCA connectors 1 front panel 3.5mm jack socket (sharing AUX1 input) 1 pair phono (MM) RCA connectors
Line level outputs	1 pair RCA [preamp] controlled by the volume 1 pair RCA [tape record] fixed line level output
Speaker outputs	1 pair 4mm banana plug/binding posts per channel
Power requirement	For use only with suitable Musical Fidelity power supply. (A Triple-X unit is included)

Weight:

Unit only, unboxed	3.85kg, 8.5lbs
In shipping carton (including	11kg, 24.2lbs

triple-X PSU)

Standard accessories:

Remote control (A5 universal type)
2 batteries size LR03 or AAA, manganese
alkaline type Triple-X PSU