

The Art of Music Reproduction



XM7 Pre-Amplifier

Headphone Output

Output Impedance :	10 Ohms
Maximum Level into 33 Ohms :	@ 1kHz & 0.1% THD : 5V RMS
Total Harmonic Distortion :	@ 2V output, 1kHz : <0.03%
Maximum Level into 330 Ohms :	@ 1kHz & 0.1% THD : 8V RMS
Total Harmonic Distortion :	@ 2V output, 1kHz : <0.01%

Analogue Inputs

Pre-Amplifier Output (Input Sensitivity / Impedance / S/N):	
AV Input Fixed Level :	450mV @ 1kHz > 12K Ohms S/N > 95dB
AUX/PH Input MM :	2.5mV @ 1kHz, 47K Ohms S/N > 73dB
Frequency Response :	+/-0.5dB 50Hz-20kHz. High pass roll off -1.5dB @ 20Hz
AUX 2 Input Line :	350mV @ 1kHz > 14K Ohms S/N output gain x3.75, +11.5dB
Total Harmonic Distortion :	<0.005% at 1kHz : @ 1.3V RMS output
Frequency Response :	20Hz - 20kHz +/- 0.5dB
Signal to Noise Ratio :	ref 1.3V RMS Output : 1kHz >92dB
Channel Separation @ 20kHz :	>60dB

Digital Inputs

SPDIF Inputs BNC Coax & Optical :	32 - 192kHz @ 16-24 bits
Total Harmonic Distortion :	<0.005% at 1kHz @ 1.3V RMS output
Signal to Noise Ratio :	ref 1.3V RSM Output : 1kHz : >98dB
USB Input :	Linear PCM 44K1 - 192kHz @ 16-24 bits DSD x64 (DoP) Asynchronous transfer from host

General

Mains Supply :	110/120V or 220/240V, 50/60Hz (factory set)
Fuse :	T5AL for 110/120V units T2.5AL for 220/240V units
Power Consumption :	<25W
Dimensions (HxWxD) :	89mm x 218mm x 363mm
Net Weight :	5kg
Gross Weight :	6kg

Features

- Large 200W custom-made toroidal power transformer
- High quality all aluminium casework and extruded front panel
- High quality resistors & capacitors used in the signal path
- Audio output stages use discrete transistors
- High quality relays used for input selection
- 3.5mm & 1/4" headphone outputs selectable by a switch at the back
- Moving magnet phono input, fixed level AV input and one line level input
- Two coax (bnc) and two optical inputs and one class 2 USB input with DSD
- 2 pairs of pre-amp outputs for bi-amping or sub woofer
- Remote control
- Three year guarantee
- Available in black or titanium

