

Specification Prodigy 7.1 HiFi

1. Analog Inputs

- 1) Connector Type : 2 channel Line-In, Microphone-In (mono) (3.5 mm mini phone jack)
- 2) Level of Line-in: -10dBV unbalanced, -10dBV nominal, 8dBV Max(gain +0 db)
- 3) Impedance : 10k Ohm

2. Analog Outputs

- 1) Connector Type : 8channel analog line-out (3.5 mm mini phone jack), 2 channel analog out (RCA jack)
- 3) Level of Line-in: -10dBV unbalanced, -10dBV nominal, 8dBV Max(gain +0 db)
- 4) Impedance : 100 ohms
- 5) Attenuation Control : Digital 0dB - -96dB with mute, 0.75 step size

3. MIC Preamplifier

- 1) Sensitivity : 127mV Max
- 2) Gain adjustment : +20dB Fix and 0dB ~ 22.5dB Variable(1.5dB Step Size)
- 3) Impedance : 2K ohm
- 4) +5V power supply, condenser and dynamic MIC

4. Sampling rate support

: 16, 22, 24, 32, 44.1, 48, 88.2, 96, 176.4, 192kHz

5. A/D Converter

- 1) Dynamic Range : 102 dB A-Weighted (Typical)
- 2) the characteristics of frequency :
20 ~ 22.5kHz (@ fs=48kHz)
- 3) sampling rate: ~ 96kHz
- 4) Resolution : 24bit
- 5) input gain control : 0.5dB

6. D/A Converter

- 1) Dynamic Range (S/N) : 108 dB A-Weighted (Typical)
- 2) The characteristics of frequency :
20 ~ 22.5kHz (@ fs=48kHz)
- 3) Sampling rate: ~ 192kHz
- 4) Resolution : 24bit
- 5) Input gain control : 0.5dB

7. Digital specification

- 1) Connector Type : optical port (24-Bit/ 96kHz)
- 2) Format : IEC-958 Consumer(S/PDIF)
- 3) Sampling rate : 32, 44.1, 48, 88.2, 96, 176.4, 192kHz

9. MME, WDM, ASIO 2.0, GSIF, DirectSound, DirectWire 3.0, driver support by E-WDM and by QVE 96-24 DirectSound (3D), EAX 1.0 / 2.0, I3D Level 2 and A3D 1.0