

Specifications

System Requirements: Computer with a USB 2.0 port

CPU: Intel Core2 CPU 2.2 GHz or equivalent

RAM: 32-bit OS 2 GB or more, 64-bit OS 4 GB or more

Compatible OS: Windows 7, Windows 8, Windows 8.1, Mac OS X10.9

Type: Preamplifier stage: vacuum circuit Power amplifier stage: Class A bipolar transistor amplifier

Corresponding Headphone Impedance: 16 – 600 ohms

Maximum Output Level: 2,000 mW + 2,000 mW (16 ohms load)

1,000 mW + 1,000 mW (32 ohms load)

500 mW + 500 mW (64 ohms load)

62 mW + 62 mW (600 ohms load)

Rated Output (20 Hz – 20 kHz): 125 mW + 125 mW (16 ohms load)

62 mW + 62 mW (32 ohms load)

31 mW + 31 mW (64 ohms load)

3.3 mW + 3.3 mW (600 ohms load)

Frequency Response (Line Input): 5 Hz – 200 kHz (0, -1 dB at 32 ohms 10 mW output)

Frequency Response (XLR Input): 5 Hz – 200 kHz (+0.5, -2 dB at 32 ohms 10 mW output)

Total Harmonic Distortion: $\leq 0.08\%$ (20 Hz - 20 kHz at 32 ohms 10 mW output)

Gain: 14 dB (line input); 13.5 dB (XLR input)

Signal-to-noise Ratio 104 dB (A-weighted)

Separation Between Channels: 70 dB (1 kHz at 32 ohms)

Input Connector: Analog: Line input (RCA) x 2; XLR connector x 2

Digital

USB (Type B)

Asynchronous mode

DSD128 (5.6448 MHz), DSD64 (2.8224 MHz): 24 – 32 bit

PCM 384 kHz, 352.8 kHz, 192 kHz, 176.4 kHz, 96 kHz, 88.2 kHz, 48 kHz, 44.1 kHz, 32 kHz: 16 – 32 bit

Adaptive mode:

DSD incompatible

PCM 192 kHz, 176.4 kHz, 96 kHz, 88.2 kHz, 48 kHz, 44.1 kHz, 32 kHz: 16 – 32 bit

Digital coaxial (S/PDIF) x 1

PCM 192 kHz, 176.4 kHz, 96 kHz, 88.2 kHz, 48 kHz, 44.1 kHz, 32 kHz: 16 – 24 bit

Output Connector: 6.3 mm (1/4") standard stereo jack (output impedance 0.1 ohms) × 2

6.3 mm (1/4") standard stereo jack (output impedance 33 ohms) × 2

6.3 mm (1/4") standard stereo jack (output impedance 82 ohms) × 2

6.3 mm (1/4") standard stereo jack (output impedance 120 ohms) × 2

DA Converter: Frequency response: 5 Hz – 100 kHz (0, -1.5 dB)

Total harmonic distortion: $\leq 0.0006\%$ (20 Hz - 20 kHz)

Signal-to-noise ratio: 113 dB (A-weighted, 1 Vrms output)

Separation between channels: 110 dB (20 Hz - 20 kHz)

Input Attenuator: -12 dB

VU Meter: Range 0 dB, -10 dB, -20 dB, -30 dB

Power Supply 100 – 120V AC or 220 – 240V AC, 50/60Hz

Power Consumption: 53 W (max)

Dimensions (excluding protrusions): 100 mm (3.9") H × 332 mm (13.1") W × 327 mm (12.9") D

Weight: 11.0 kg (24.3 lbs.)

Accessories Included: Power cable