

MUSICAL FIDELITY

kW SACD Player

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OVERVIEW

The kW SACD has a meltingly beautiful sound. It doesn't really sound like other disc players. Its sound is most reminiscent of a really good analog system but with no noise or dynamic range problems. Once you've heard the kW SACD you just can't forget that crystalline clarity coupled with a delicacy and softness which give a palpable real feel to the sound. You've got to give this one a listen it's quite outstanding.

FEATURES & BENEFITS

Dual differential DAC. Outstanding technical performance.

Extremely accurate linearity down to very low levels (typically -100dB). Lets you hear right into the far distant corners of the recording.

Foremost non existent distortion. You can hear everything on the recording as it happened on the day.

Excellent noise ratios. Everything, but everything can be heard.

Two output stages operating at the same time (one tube and the other solid state). By connecting both the output stages to your amplifier you can switch between tube and solid state and select the one which compliments your hi-fi system and your discs on an individual basis. Really useful.

SPECIFICATIONS

| | |
|--|--|
| DAC architecture | 24 bit Delta-Sigma (Bitstream) Dual mono dual differential 8x oversampling Separate stages for valve (tube) and solid state outputs |
| Disc mechanism | Philips |
| Upsampling | 192kHz |
| Analog output impedance | 50 Ohms |
| SACD analog output, solid state | |
| Frequency response | 10Hz to 20kHz ref. 1kHz: +0, -0.1 dB 10Hz to 30kHz ref. 1kHz: +0, -0.3 dB 10Hz to 40kHz ref. 1kHz: +0, -1.6 dB 10Hz to 50kHz ref. 1kHz: +0, -4.8 dB |
| Signal / noise ratio (digital mute) | > 115dB "A" weighted |
| Total harmonic distortion | < 0.001% at 1kHz |
| Channel separation | > 98dB 10Hz to 20kHz |
| Linearity error, 1kHz | 0dB at -100dB 0.2dB at -110dB |
| Audio output at digital 0dB level | 2.3VRMS at 1kHz nominal |
| CD analog output, solid state | |
| Frequency response | 10Hz to 20kHz ref. 1kHz: +0, -0.05 dB |
| Signal / noise ratio (digital mute) | > 120dB "A" weighted |
| Total harmonic distortion | < 0.002% at 1kHz |
| Channel separation | > 98dB 10Hz to 20kHz |
| Linearity error, 1kHz | 0dB at -80dB 0.5dB at -90dB |
| Audio output at digital 0dB level | 2.2VRMS at 1kHz nominal |
| Jitter | 150pS |
| Tube class A output | |

Frequency response 10Hz to 100kHz ref. 1kHz: +0, -0.4 dB

Signal / noise ratio > 115dB "A" weighted

Total harmonic distortion < 0.001% at 1kHz

Overall gain 0dB

Connectors

Analog outputs 1 pair RCA connectors for valve (tube) output,
1 pair RCA connectors for solid state output

Digital outputs (CD only) 1 optical (Toslink),
1 S/PDIF (Sony/Philips Digital Interface Format) RCA connector

General

Power requirements 100 / 115 / 230V AC 50 / 60Hz (factory preset)
50 Watts

Weight 19.5 kg, 43 lbs unit only, un-boxed
24.4 kg, 54 lbs in immediate carton
28.1 kg, 61.9 lbs in shipping over-carton

Dimensions 483mm, 19 inches wide
167mm, 6.6 inches high including feet
443mm, 17.5 inches deep including rear terminals and on/off button

Standard accessories Remote control handset (kW universal type),
2 batteries size LR03 or AAA, manganese alkaline type,
IEC mains lead (10 Amp type)
