

# 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

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

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

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**Signal / noise ratio** > 115dB "A" weighted

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**Total harmonic distortion** < 0.001% at 1kHz

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**Overall gain** 0dB

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### **Connectors**

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

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

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### **General**

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

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**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

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

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

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