

MUSICAL FIDELITY

kWP Preamplifier

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OVERVIEW

FEATURES & BENEFITS

Extremely wide overload margin on both phono MC/MM and line inputs. It will always deliver the full dynamic range with incredibly low distortion.

Excellent noise ratios. Extremely wide dynamic range and the ability to hear everything that's on the recording.

True dual mono construction; each channel is in its separate package within the main casing. Imaging like you've never heard before.

Extremely low output impedance. Will drive any combination of loudspeaker and interconnect cable in existence over very long runs.

Very high instantaneous peak current and voltage ability. Can never, ever, be overloaded, clipped or limited in any way.

Incredibly high quality phono stage Will deliver the maximum potential possible from your turntable arm and cartridge

with very low noise, low distortion and wide overload margin. combination.

SPECIFICATIONS

OUTPUT

Voltage RMS > 55 Volts

Peak-to-peak instantaneous output current 20 Amps

Impedance < 0.1 Ohm

Frequency response 20Hz to 30kHz ± 0.5 dB
10Hz to 100kHz + 0, -1.5dB

LINE INPUT

Total harmonic distortion + noise, 20Hz to 20kHz > 0.0027% (5 Volts output, maximum volume)

Signal / noise reference 1 Volt RMS output > 98dB ("A"-weighted, at half volume)

Input sensitivity for 1 Volt RMS 240mV

Input impedance 500k Ohms

Gain at maximum volume 12.5dB (4.2 times)

Overload margin 35dB for rated input at maximum volume

Channel separation > 110dB 20Hz to 20kHz, maximum volume

PHONO INPUT

Frequency response reference IEC RIAA See graph below

Signal / noise ref. 1Volt RMS output > 95dB Moving Magnet ("A"-weighted, at half volume)
> 85dB Moving Coil ("A"-weighted, at half volume)

Input sensitivity for 1 Volt RMS output 2.5mV Moving Magnet,
350 μ V Moving Coil

Input impedance MC: Switched, 10 Ohms MM: All switches up: 68k Ohms in parallel with 47pF,

or 100 Ohms in parallel with 470pF Switch no. 1 down : 47k Ohms + 47pF,
Switch no. 2 down : extra 50pF added,
Switch no. 3 down : extra 100pF added,
Switch no. 4 down : extra 200pF added

Overload margin 31dB

Inputs, per channel module 5 line level via RCA connectors
1 phono Moving Magnet via RCA connector
1 phono Moving Coil via RCA connector

Outputs, per channel module 2 RCA connectors main output controlled by volume
1 RCA connector tape record line level output

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

DIMENSIONS

Main unit 483mm, 19 inches wide
166mm, 6.54 inches high (inc feet)
472mm, 18.58 inches deep (inc knobs and rear terminals)

Power supply 483mm, 19 inches wide
166mm, 6.54 inches high (inc feet)
425mm, 16.73 inches deep (inc rear fuse holder)

WEIGHTS

Main unit 25.5Kg, 56lbs unit only, unboxed
30Kg, 66.1 lbs in shipping carton

Power supply 25.2Kg, 55.6 lbs unit only
30.3Kg, 66.8 lbs in shipping carton

Standard accessories IEC mains lead - 16 Amp type, four low-voltage power interconnect leads, remote control handset, 2 batteries size LR06 or AA, manganese alkaline
