

MUSICAL FIDELITY

kW500 Integrated Amplifier

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OVERVIEW

It's really simple the kW 500 is virtually indistinguishable from our monster-killer kW monoblocs. The kW 500 is one of the best five amplifiers in the world regardless of price. It has super technical performance, loads of power (more than 500 wpc). The preamp stage is super quality and can withstand comparison with the best available. All in all the kW 500 is just about as good as you can get except it doesn't cost the earth. When you listen to the kW 500 it's easy to understand what all the fuss is about. Beautiful, neutral, limpid sound with no coloration and virtually limitless power. In our tests nobody could reliably tell the difference between a kW 500 and the kW monsteramps. The kW 500 is a limited edition of 500 pieces.

FEATURES & BENEFITS

Same basic circuit as kW monsteramps.	Extraordinary sound quality.
Very powerful.	Huge stress free easy dynamic range.
Separate power supply.	Keeps hystersis fields away from sensitive circuitry. Ensures great sound quality.
Uses exclusive mu-vista (6112) milspec mil-usage tube.	Has high input impedance, fantastic noise ratio, incredible longevity and extraordinary sound quality.
Limited edition of 500 pieces.	Fixed limited edition ensures lowest price and excellent retained value for the future.

SPECIFICATIONS

Output

Power	510 Watts per channel into 8 Ohms (27dBW), 770 Watts per channel into 4 Ohms
Voltage, RMS	63.9 Volts 20Hz to 20kHz
Voltage, peak-to-peak	180.6 Volts
Current peak-to-peak	160 Amps
Damping factor	> 200
Output devices per channel	8
Pre-output impedance	50 Ohms

Line inputs

Harmonic distortion at 1kHz	< 0.002 up to 90% power into 4 or 8 Ohms
Total harmonic distortion + noise, 20Hz to 20kHz	< 0.007%
Signal / noise ratio	> 102dB 'A'-weighted
Input sensitivity for 350Watts into 8 Ohms	330mV
Input impedance	220k Ohms
Overload margin	36dB
Channel separation	> 70dB 20Hz to 20kHz
Frequency response	20Hz to 20kHz +0, -0.0dB 20Hz to 60kHz +0, -1.2dB

Phono input

Frequency response reference IEC, RIAA	(see graph below)
Signal / noise ratio	> 96dB moving magnet 'A'-weighted
Input sensitivity	2.5mV (moving magnet)
Input impedance	47k Ohms
Overload margin	29dB
Inputs	5 pairs line level RCA connectors, 1 pair phono (moving magnet) RCA connectors.

Outputs	2 amplifier channels via 2 pairs per channel binding posts, 1 pair RCA audio pre-outputs controlled by the volume setting, 1 pair RCA tape record fixed line level output.
Power requirement	100 / 115 / 230Volts AC 50 / 60Hz (factory preset), 1950 Watts maximum into 8 Ohms.
Weight main unit	26.8kg, 59lbs unit only, unboxed 31.8kg, 70.1lbs in shipping carton
Weight PSU	18.3 kg, 40.3 lbs unit only, unboxed 21.3 kg, 47 lbs in shipping carton
Dimensions main unit	483mm, 19 inches wide 167mm, 6.6 inches high including feet 470mm, 18.5 inches deep including terminals
Dimensions PSU	364mm, 14.4 inches wide 167mm, 6.6 inches high including feet 278mm, 11 inches deep including terminals
Standard accessories	IEC type mains lead (10-Amp type), Power supply leads, main (two), Power supply lead for pre-amplifier, Remote control (universal type), Two batteries size LR03 or AAA, manganese alkaline type