



Creek 4330 & 4330SE

INTEGRATED AMPLIFIERS



"Very clear and detailed. Excellent dynamics. Remarkable precision. Very lively and expressive reproduction".

QUALITE MUSICALE

DIAPASON, France, Jan 1998

"THE BEST SOUNDING AMPLIFIER YOU CAN BUY FOR UNDER \$1000..."

The resolution of low level detail is almost staggering - not far short of the very best I've heard you get a very good spatial reproduction... plus a very fine harmonic presentation...

The Creek 4330 is almost as good as it gets at any price with solid state...**PERFORMANCE FOR THE PRICE:** that's what makes the Creek such a **BREAKTHROUGH PRODUCT.**

How good is the Creek 4330? **DEVASTATINGLY GOOD!** What makes it devastating is that many far more expensive solid state amplifiers don't sound anywhere near as clean, open and expressive".

Stereophile, USA, Oct 1997

"There was something altogether very attractive about the 4330's balance...it is capable of fatigue free sound resulting in **LASTING PLEASURE.** ..The dynamics are very good for an amplifier at this price level...

All in all a good egg..."

Hi-Fi News, Sept 1997



THE 4240 IS DEAD LONG LIVE THE 4330!

The 4330 is the latest entry level integrated amplifier from the Creek stable. The essence of the design is to eliminate any unnecessary frills that might corrupt the sound quality and concentrate instead on producing a product that is unashamedly minimalistic.

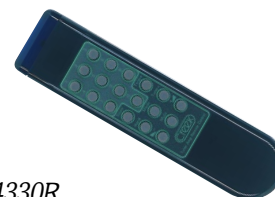
Ultimate sound quality in a small package was the imperative for this design. Its lineage is from the critically acclaimed and highly successful products 4240 and 4240SE. With a range of other products in the new 43 series with similar cosmetics to the 4330, a truly amazing system can be constructed for very little money.

The simplicity of the front panel belies the wealth of detail inside. This new design really is for the millennium and beyond. It will stand the test of time like few other products in its price range.

Under the cover lies some of the most innovative circuitry yet used by Creek. With a continuous output of 40W/8ohm, or 50W/8ohm for the SE, and a prodigious 18 Amp current reserve, a massive 370 Watts dynamic peak output is available into a 1 ohm load. This provides it with the ability to control very difficult speaker loads and combined with incredibly low harmonic distortion and background noise, the 4330 is a class leader in all respects.

To achieve such impressive performance figures, Creek engineers further developed the 42 series amplifier design, vastly increasing the speed of the drive

Remote Control for the 4330R



put current limiting circuitry with one that's more benign. The custom **Creek** high current MOS-FET output and drive circuitry has been freed to show what it's really made of. Improvements to the performance and sensitivity of the power amp circuitry has also allowed a passive pre-amp section to be used.

Powering all this new work is the *piece de resistance*. A massive toroidal transformer (120 VA - std and 160 VA - SE) feeds a high current bridge rectifier and multiple reservoir capacitors totalling 20,000 μ F. Using multiple capacitors, amazing reductions in power supply impedance and unwanted inductance can be achieved at no extra cost, vastly improving the performance. Creek may not be the first to exploit this technique, but it's still very rare and only found in truly esoteric designs.

In common with all other Creek amplifiers, DC coupling from input to output, monitored by sophisticated electronic servo circuitry, control the DC output voltage allowing the 4330 to operate without sound corrupting capacitors in the signal path.

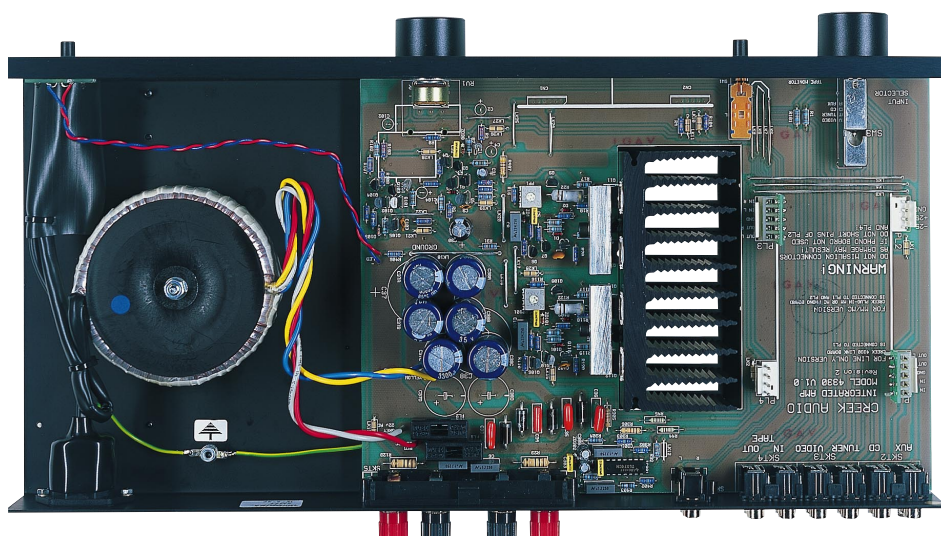
All the new Creek amps are equipped with new 'Euro friendly' binding posts, that accept all 'legal' types of speaker wire terminations. All sockets are



For vinyl enthusiasts, Creek can supply a range of plug-in modules that match MM and MC cartridges. This facility is augmented with an optional extra plug-in Pre-amp stage for higher input sensitivity.

Not content with improving the product in all sonic and technical respects Creek have now developed a sonically friendly remote control volume option that uses a motorised potentiometer and a muting relay, to avoid corrupting the signal path in any way. During the time the remote control circuitry is not in use it is designed to send its microcontroller to sleep, reducing any potential for sonic degradation to a minimum.

In conclusion Creek products now represent better value for money than ever before.



Internal Layout



Back Panel

CREEK 4330 & 4330SE INTEGRATED AMPLIFIERS TECHNICAL SPECIFICATIONS

	4330 & 4330R	4330SE
Power Output (both channels)	40 Watts into 8 Ω	50 Watts into 8 Ω
Power Output (one channel)	45 Watts into 8 Ω	60 Watts into 8 Ω
Maximum Current (5mS for 3% THD)	> 18 Amps	> 18 Amps
Total Harmonic Distortion	< 0.05% 20 Hz to 20 kHz	< 0.05% 20 Hz to 20 kHz
Frequency Response	3 Hz to 25 kHz - 1dB	3 Hz to 25 kHz - 1dB
Power Amp Slew Rate	> 40 V per μS	> 40 V per μS
Input Sensitivity (passive line)	400 mV line level input for 40 W	450 mV line level input for 50 W
Signal to Noise Ratio (A weighted @ 2/3 power)	> 100 dB	> 100 dB
Separation (line input @ 1kHz)	> 60 dB	> 60 dB
Remote control	Volume & Mute on 4330R	Standard
Plug-in MM and MC circuit		
MM Sensitivity and Impedance	3.5 mV @ 47 kΩ	3.5 mV @ 47 kΩ
MC Sensitivity	0.75 mV @ 1 kΩ	0.75 mV @ 1 kΩ
MM Signal to Noise Ratio	> 70 dB	> 70 dB
Plug in active Pre-amp (switchable)	+3dB, +6dB or +9dB	+3dB, +6dB or +9dB
Power Consumption at Idle	< 40 Watts	< 45 Watts
Power Consumption at Full Power	200 Watts	260 Watts
Power Supply Voltage	220/240 V AC 50 Hz 100/115 V AC 60 Hz	220/240 V AC 50 Hz 100/115 V AC 60 Hz
Weight	4.5 Kgs 10 lbs	6 Kgs 13.2 lbs
Size	42 x 6 x 23 cm, 16½ x 2¼ x 9"	42 x 6 x 23 cm, 16½ x 2¼ x 9"

Creek Audio Limited reserves the right to modify or change the specifications of its products at any time without notice.