

# Creek 5350 & 5350SE

## INTEGRATED AMPLIFIERS



ENJOY SUPERIOR SOUND  
QUALITY AND FACILITIES  
OFFERED ONLY BY MUCH  
HIGHER PRICED PRODUCTS

In a departure from a 20 year Creek tradition, the design and style of its new 5350 Integrated Amplifier is now definitely Hi-End. Creek's electronic design skill was always partially disguised by having to use less expensive casework and critical components, to meet very tight UK manufacturing budgets. It is now popular for budget Hi-Fi to be made offshore, however, Creek believe that high quality British built products are still in vogue around the world, but need to be priced accordingly. Therefore, they continue to manufacture in the UK but, to balance their designs, have now housed their excellent circuitry in larger and more stylish casework.

Built in an aluminium case, with a machined solid aluminium front panel the 5350 provides superior sound quality, look and feel.

The 5350 is constructed in a modular way, with a separate power amp, pre-amp and remote volume control circuit boards, connected with computer grade flat cables, plugs and sockets. The 5350 and SE both are supplied with a passive pre-amp circuit, providing no additional gain to the source signal. Although not strictly necessary, it can be configured with an active pre-amp, if required, by plugging-in the optional '53LINE' circuit board with 6dB's of gain. An optional MM or MC Phono pre-amp can also be plugged-in to further increase the 5350's flexibility.

The Remote control circuit uses a motorised ALPS 6 way rotary switch, to select the desired input, and high grade

16 and 27 mm motorised volume potentiometers, controlled either manually or via the remote handset. In addition, the 5350 can be set to record one input, while simultaneously listening to a different input, similar to a video recorder.

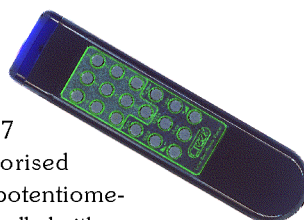
To accommodate Bi-wiring and Bi-amping, the 5350 is fitted with 2 pairs of high current speaker binding posts plus separate pre-amp output and power amp input sockets. Speaker A/B selection is switchable from the front panel; joining and separating the pre/power sections is achieved with a link on the rear panel. The 5350 also hosts a front panel mounted headphone socket, which is unusual in modern integrated amplifiers.

Short circuit, DC offset and anti-thump protection circuitry makes the 5350 a sophisticated, user friendly integrated amplifier, with a technical performance close to the best that can be achieved.

Higher power and better components are used in the SE version to provide a serious up-grade path for Audiophiles who want the best.

### **For the technically minded:-**

The 5350 uses a high current, N channel only, MOS-FET power output stage, driven by a P channel MOS-FET phase splitter and double differential voltage amplifier with symmetrical class A driver, to achieve ultra-low distortion and high speed with minimal negative feedback. Therefore, the 5350 is able to



**Creek**  
AUDIO LIMITED

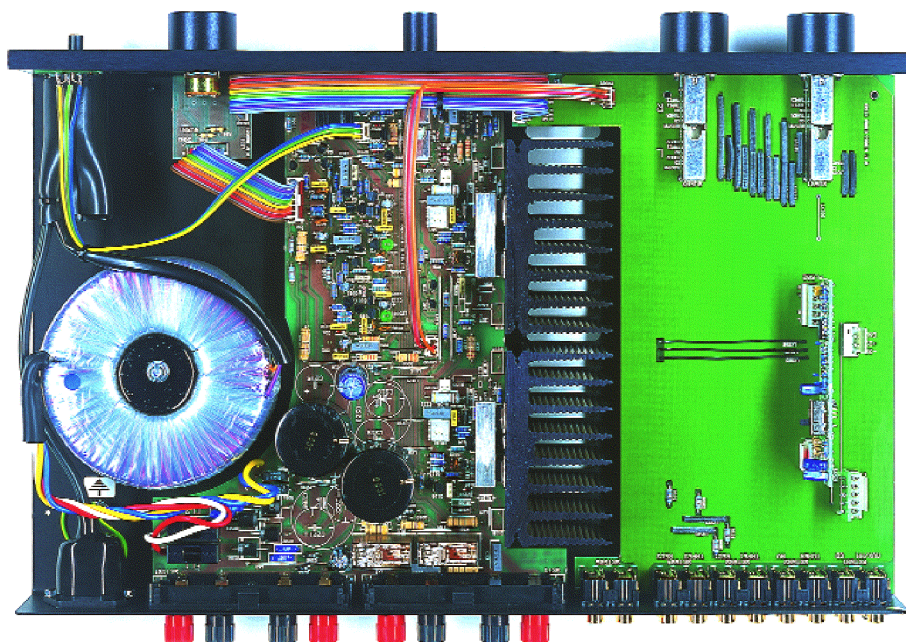
avoid using any active circuitry in its pre-amp and still achieve high input sensitivity.

The optional plug-in '53LINE' amp uses all discrete transistor circuitry in a unique double differential servo controlled design which achieves, unbelievably low, distortion and noise performance.

The standard and SE versions use either 200VA or 250VA toroidal transformers, together with multiple power supply capacitors totalling 26,500 to 31,000uF, to achieve the quality of computer grade capacitors with very low inductance, for the ultimate sonic performance.

Like other Creek amplifiers, the 5350 is DC servo controlled, to enable direct coupling from input to output and accurate low frequency roll-off, thereby eliminating sonically degrading capacitors from its signal path.

The 5350 is a landmark in Hi-Fi design, incorporating 'state of the art' circuitry with elegant styling to achieve a versatile and high fidelity amplifier par excellence.



Internal Layout



Back Panel

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### TECHNICAL SPECIFICATIONS

	5350	5350SE
Power Output (one channel)	85 Watts into 8Ω	95 Watts into 8Ω
Power Output (both channels)	75 Watts into 8Ω	85 Watts into 8Ω
Power Output (one channel into 4 )	136 Watts into 4Ω	150 Watts into 4Ω
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 -1 dB
Slew Rate	> 50 V per μS	> 50 V per μS
Gain	x 50	x 50
Input Sensitivity passive	500 mV line input	525 mV line input
Pre-amp Output Level	600 mV 5 kΩ	660 mV 5 kΩ
Signal to Noise Ratio	> 105 dB	> 105 dB
Separation	> 55 dB at 1 kHz	> 55 dB at 1 kHz
Power Consumption at Idle	35 Watts	40 Watts
Power Consumption at Full Power	330 Watts	350 Watts
<b>Plug-in MM, MC and Gain Stages</b>		
MM Sensitivity and Impedance	3.5 mV 47 kΩ	3.5 mV 47 kΩ
MC Sensitivity and Impedance	0.75 mV 1 kΩ	0.75 mV 1 kΩ
MM Signal to Noise Ratio	> 70 dB	> 70 dB
Plug in Gain Stage	+6dB	+6dB
Weight	7 Kgs 15.5 lbs	8 Kgs 17.5 lbs
Size	430 x 80 x 280 mm, 17" x 3" x 11"	