

EVOLUTION 5350

Integrated Amplifier



BLACK FINISH



REAR VIEW

Technical Summary

Power output into 8 Ohms	120 Watts
Power output into 4 Ohms	200 Watts
Frequency Response	1Hz to 50KHz
Total Harmonic Distortion	< 0.02%
Signal to Noise	> 90dB
Slew Rate	> 30V per uS
Damping Factor	> 160
Colour Options	Silver or Black
Size	W 430 x H 90 x D 340mm
Weight	10.5Kgs

The Evolution 5350 integrated amplifier has been designed to fill the gap left by the Classic range, between the entry level Evolution 2 and the top of the range Destiny. It is styled to match the EVOLUTION 2 CD Player and EVOLUTION 2 Tuner and has many of the features of the less powerful EVOLUTION 2 amp, but in a bigger case and additional connectivity.

A completely new DC coupled, high-current, bi-polar power amplifier has been developed to enable it to drive modern low impedance loudspeakers efficiently. Each channel's power amp is now built as a module, using SMD components on a double sided PCB, with four 15 Amp power transistors bolted to a massive 18 fin heatsink.

The pre-amplifier section has 5 inputs selectable by relays and a Direct AV input to the power amp. A PGA2320 digitally controlled analogue volume control circuit together is used to control the volume. To facilitate vinyl disc replay it's possible to install a plug-in Sequel Phono pre-amp in place of the first line input, available in 40, 48 and 54dB options.

To enable 2 x 200 Watts into 4 Ohms to be produced, a massive power supply using a 350 Watt toroidal mains transformer supplies the power to the left and right channels separately from the pre-amp and digital circuits. To keep the power amps operating safely, they are monitored by discrete transistor circuitry to protect against over-current demand, short circuits, over-temperature and DC offsets. Relays mute the input and separate the 2 loudspeaker outputs in case of faults.

Rotary encoders on the front panel control volume level and input selection. Solid metal push buttons select Tape, Speaker outputs, Mute and Power. With the exception of power, these functions can all be remotely controlled by the new SRC3 system remote handset.

Gold plated input and output sockets, plus a standard 1/4" headphone jack have been chosen to provide a good connection and appearance for a product at its price point. A large vacuum fluorescent display (VFD) on the front panel indicates the status of the amplifier. Input selection, volume position and loudspeaker connection is displayed through a blue filter. The brightness level can be altered from the remote control handset.

This is Creek's most powerful amplifier made to date, but it is constructed with care and sophistication to deliver truly stunning performance.

