

EVOLUTION 2

Integrated Amplifier



BLACK FINISH



REAR VIEW

Technical Summary

Power output into 8 Ohms	75 Watts
Power output into 4 Ohms	110 Watts
Frequency Response	5Hz to 20KHz
Total Harmonic Distortion	< 0.05%
Signal to Noise	> 90dB
Slew Rate	> 25V per uS
Damping Factor	> 235
Colour Options	Silver or Black
Size	W 430 x H 80 x D 340mm
Weight	8.6Kgs

The EVOLUTION 2 amplifier is a high quality lower cost amplifier, designed to meet the needs of today's demanding requirements. With years of experience designing and making some of the world's best hi-fi equipment, including amps CD Players and loudspeakers, Creek Audio is uniquely placed to design stunning products that sell at realistic prices.

The EVOLUTION 2 range features a number of products with similar styling, but they can all be mixed and matched, if required. The EVOLUTION 2 style features a solid 12mm thick extruded aluminium front panel and rigid steel casework built to a very high standard. The use of solid metal control knobs and buttons and variable brightness blue VFD (vacuum fluorescent) display gives a very high-end feel to its operation.

Producing a healthy 75 Watts of power into an 8 Ohms load and 110 Watts into 4 Ohms, the EVOLUTION 2 uses a massive 250VA transformer and multiple power supply capacitors to achieve high-end sound quality. All EVO amps use large bi-polar output transistors and discrete transistor gain stages in their power amps. The EVO 2 uses a Burr-Brown PGA2311, volume control circuit in its active pre-amp, buffered with high grade OPA2134 Op-Amp. This kind of circuitry is normally only found in much more expensive products.

To keep the amplifier working within safe limits, it is constantly monitored by protection circuitry to prevent over-current demand, short circuits and DC offsets. Relays mute the input and separate the loudspeaker output in the case of faults.

The EVOLUTION 2 operates conventionally with rotary controls for input selection and volume control and buttons for Tape selection and power On/Off. It has four inputs plus tape and a new feature called Direct AV, which bypasses the pre-amplifier and volume control to allow the power amplifier to be used in a 5.1 surround system if required. Input selection and volume control can be remotely controlled by the universal SRC3 remote handset or front panel controls. The display brightness can be altered from the remote control handset.

Gold plated input RCAs and 4mm output binding posts provide a good connection and appearance for a product at its price point. The amplifier has a front panel mounted headphone socket which is becoming an increasingly rare feature of modern amplifiers. For vinyl lovers, Creek make a range of plug-in Phono modules, called Sequel which can plug into the main circuit board and change the first Aux input socket into a Phono input.



INPUT SELECTOR

EASY TO READ DISPLAY

HEADPHONE OUTPUT

EVOLUTION 2

Compact Disc Player



BLACK FINISH



REAR VIEW

Technical Summary

Frequency Response	1Hz to 20Khz
Dynamic Range	> 100dB
Total Harmonic Distortion	< 0.0008% @ 1KHz
Digital to Analogue Converter	24bit - 192Khz Burr-Brown
Clock Type	Ultra low jitter and phase noise
Disc Compatibility	Red Book Standard
Colour Options	Silver or Black
Size	W 430 x H 80 x D 340mm
Weight	6Kgs

The EVOLUTION 2 CD Player is Creek's highly acclaimed mid-range model and represents a significant improvement over the original model. It uses all the sound optimisation techniques and components collected by Mike Creek and his team of analogue and digital electronics engineers during their many years in the hi-fi industry. It is designed to suit a wide range of amplifiers, but Creek recommends the EVOLUTION 2 integrated amp as a cosmetic and performance quality match. It can also be used together with any of the other EVOLUTION amps and controlled by the universal SRC3 system remote control handset.

During the last few years, the EVOLUTION 2 CD Player established itself as a benchmark in CD sound reproduction at the price. One look at its custom-extruded 12mm thick solid aluminium front panel will confirm that it is truly a luxury product. This is available in either silver or black finish. Touching its smooth polished lines will also provide a reassuring sense quality and pride of ownership. Underneath its painted steel cover lays a wealth of expertise in sound reproduction. Its VFD (vacuum fluorescent) display is set behind a large blue window and, to match the EVOLUTION 2 amplifier and Tuner.

At the heart of a good CD player is a high quality transport mechanism. The EVOLUTION 2 uses a dedicated CD loader with high quality laser assembly, similar to the Destiny 2 model. Improved vibration isolation is used to improve playability and smoothness of operation. A NXP CD decoder with a re-clocked Burr-Brown PCM1796 DAC is used to recover the audio signal, which far exceeds the resolution of the 16bit 44.1kHz CD format. An instrument grade OPA2134 Op-Amp in the audio output buffers and filters unwanted digital artifacts. Gold plated RCA sockets are used for audio output and SPDIF and optical TOSLINK sockets for digital output.

The incoming mains power supply has a common mode filter to eliminate noise and a custom mains transformer with separate digital and analogue supplies powers the product. There is no standby operation and a voltage selector switch allows for multiple country operation.

Several UK and overseas Hi-Fi magazines have written glowing reviews of the EVOLUTION 2 CD player and integrated amplifier, claiming that they are the best products Creek has ever made at the price and demonstrably better than the competition even at much higher prices. Try them for yourself; you won't be disappointed.

