



ALCHEMIST



K R A K E N

MkII

APD6A MkII INTEGRATED

The KRAKEN Integrated is still unrivalled in what it offers in its own inimitable style: Class A performance, six line inputs (one with the option of MM Phono), external dual PSU, dual mono construction... and gold plated knobs. As mentioned above, there is also now a pre-amp out facility, which gives you the option of adding a KRAKEN power amp at a later stage.

Input Sensitivity:	220mV
Output @ 1kHz into 8 ohms:	>55 Watts RMS (Typ.60W)
Frequency Response @ 3V	-3dB @ 100kHz
Distortion @ 15V o/p, 1kHz:	<1% THD
Distortion @ 15V o/p, 10kHz:	<1% THD
Residual Noise (Max. Volume):	<1mV
Power Consumption (Idle):	50 Watts
Power Consumption (Peak):	140 Watts
Dimensions (W x H x D):	320mm x 85mm x 250mm
Weight (Packed):	9.5kg

APD8A MkII POWER

The KRAKEN Power amplifier is a velvet fist in an iron glove: it might look mean, but its performance is more akin to the warm slam you would expect from a valve amplifier. Music from this little monster has great depth and space, while rhythms are perfectly placed without the sense of over urgency that can be found in most solid-state designs. And being a KRAKEN it breathes fire, too.

Input Sensitivity:	1V
Output @ 1kHz into 8 ohms:	>55Watts RMS (Typ. 60W)
Freq Response @ 3V o/p:	-3dB@100kHz (10Hz- 64kHz)
Distortion @ 15V o/p, 1kHz:	<1% THD
Distortion @ 15V o/p, 10kHz:	<1% THD
Residual Noise:	<1mV
Power Consumption (Peak):	140W
Dimensions (W x H x D):	320mm x 85mm x 240mm
Weight (Packed):	9.5kg

APD7A MkII PRE

The KRAKEN Pre might look the same as the Integrated, but there the similarity ends. Maximum advantage has been wrung from the extra internal space, where we have utilised the best possible components and board layout. Obviously, the performance has been specifically tuned to compliment the KRAKEN Power... or two. For those of you that require the last drop of musical blood from your system, we have provided a bridging facility, which will give you over 150W per channel from a full KRAKEN system.

Frequency Response @ 0.8V	-3dB @ 105kHz
Output (0dB):	>90dB
Channel Separation:	<0.1% THD
Distortion: 1kHz @ 1V o/p:	<0.3% THD
Distortion: 20kHz @ 1V o/p:	<2mV
Residual Noise:	15 Watts
Power Consumption:	320mm x 85mm x 250mm
Dimensions (W x H x D):	8.5kg
Weight (Packed):	

The KRAKEN range has now established itself as a unique approach to amplifier design. Launched in 1992, the original KRAKEN Integrated threw down the gauntlet to the hi-fi establishment: here was an affordable Class A amplifier that took no prisoners in the fashion stakes. Our aim was to provide an amp that would perform at least as well as the best in its class (easy, as it was the only one in its class), while presenting people with an easy problem: do you love or hate its looks? Since those heady days our cavalier approach has been vindicated... and some. KRAKENS have done consistently well in reviews, and won many awards. Furthermore, it appears that many people around the world do love their idiosyncratic demeanor.

Given that the KRAKENS represent such a strong place in the Alchemist portfolio, we have not done what is expected of lesser audio manufacturers. Rather than replace them with a new range, we've given them a make-over and in a nod to the traditionalists, we've decided to designate the new range... MkII.

- ! The PCB layouts have been significantly upgraded, utilising new components and topology, resulting in even better performance.
- ! The Integrated now has a pre-out facility (add a KRAKEN power for an easy upgrade path).
- ! New heatsink profile which gives optimum heat dissipation characteristics for this Class A product.
- ! Both Integrated and Pre now have six line inputs, instead of five (MM Phono is still an option).
- ! The front panels have been 'de-cluttered', and has now been upgraded from 1.6mm stainless steel to 3.00mm aluminium.
- ! LEDs are now fashionable blue.



All Kraken Range products are available with either Gold or Chrome detailing

CD

The APD39A KRAKEN 24 Bit CD player has been designed to fulfill the requirements of our markets to have a fully matching unit for the already popular amplifiers in the Kraken range. It also had to offer the latest in modern day technology. The generation of the KRAKEN 24 Bit CD offers an exciting addition to the Kraken Range .

- ! The DAC has been designed to allow the playback of the very latest 24 Bit software. This is achieved using the very latest in surface mount technology, which includes the new Crystal CS4334 24/96 DAC and CS8414 96KHZ receiver combination.
- ! The transport has been based around the very latest in ECO modules from Philips. This module will facilitate the playback of CDR-W, enabling you to play back your own compilations.
- ! High capacity, low flux, toroidal transformers improve imaging and give greater stability to the sound stage.
- ! Additional circuitry for EMC filtering has been implemented in a unique way to improve sound quality.
- ! The design incorporates fully regulated power supplies for all sections of the DAC.
- ! The now famous styled casework offers a more modern approach whilst still maintaining Alchemist undoubted originality.
- ! The feature of using two mains transformers, one exclusively for the digital domain the other for the analogue electronics, means that the absolute minimum of cross interference can be achieved.
- ! High quality plated push buttons control all the players functions and offer a very high level of aesthetic appeal.

The KRAKEN CD Player has been designed to perfectly compliment the KRAKEN range of Class A amplifiers. As with all of our products, it is first and foremost a musical performer. The components have been chosen and implemented in a design that brings you music that is exciting, involving and expressive.

However, we all like our performers to be dressed up a little, don't we? To achieve the visual similarity, the Drive and DAC are housed in separate boxes from the Power supply components , but are, in fact, an integral unit (they cannot be used separately).

The Kraken CD also offers the facility of a digital output. This can be used to connect the Kraken CD to an upgrade DAC for improved performance. Maybe this would be the Alchemist TSD1 24/96 DAC!.....

Frequency Range:	DC - 22kHz
Amplitude Linearity:	-2dB (10Hz - 20kHz)
Phase Linearity:	00 (20Hz - 20kHz)
Dynamic Range:	>94dB
Signal to Noise:	-100dB
Channel Separation:	-100dB
Total Harmonic Distortion:	0.01%
Line Output Level:	2V RMS
DAC Type:	24 Bit Delta Sigma
Power Consumption:	24W
Dimensions (W x H x D) (each):	320mm x 85mm x 300mm
Weight (Packed):	12kg



TS-D-1

The New Alchemist TS-D-1, 24 Bit 96kHz Compatible DAC will support all sampling rates up to and including the very latest DVD standard of 96kHz. Therefore making it the obvious affordable upgrade for the latest generation of CD/DCC/DAT/Mini Disc and DVD machines, bringing true audiophile status to otherwise mediocre performers. It offers the choice of either Coaxial or Optical input connection, along with a digital record output to allow digital recording onto Mini Disc, CDR or DAT type machines.

The TS-D-1 is based around the latest surface mount microchips from Crystal and Burr Brown making it the most up to date DAC available today. These coupled with many proprietary filtering enhancements also make it perform beyond its diminutive size.

The TS-D-1 is just the beginning of an exciting new range of products that will include a MM/MC phono stage, remote controlled preamplifier and power amplifiers amongst others, all utilizing the extrusion that gives them their unique identity.



SPECIFICATIONS

DAC Type:	24 Bit, 8x Oversampling, Multi Level Delta Sigma
Sampling Rates:	Supports all sampling rates in range 16kHz - 96kHz
Data Types:	16, 18, 20 and 24 Bit SPDIF
0dB Level:	2V rms
THD+n:	-96dB
Linearity:	+/- 0.3dB to 100dB
Signal/Noise Ratio:	104dB
Dynamic Range:	104dB
Master Clock:	256Fs
Digital Filter:	8x Oversampling, 80dB stopband attenuation
De-Emphasis (44.1kHz):	Digital domain <0.2dB error
Dimensions:	154 (W) x 45 (H) x 170 (D) (mm)
Weight:	3Kg

All TS Range products are available in Black only.

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In the unlikely event that we should discover something that would improve one of our products, we reserve the right to change specifications without prior notice
All products designed and manufactured in Hertfordshire, UK.