

THE
GRYPHON



THE GRYPHON ENCORE

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Anyone familiar with the products and history of Gryphon Audio Designs will appreciate that, while Gryphon has always implemented cutting edge technologies, often breaking new ground as in our upsampling CD players, we have always emphasized that technology is pointless, unless it serves a higher purpose – the preservation of musical realism.

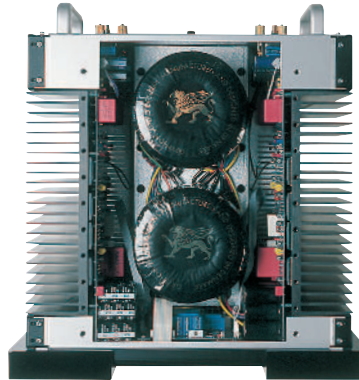
We know that technical buzzwords and creative marketingspeak can influence purchasing decisions – but we also know that only a real musical reward can motivate owners to keep the product and remain loyal to the brand.

We made our mark in High End audio by introducing the first true dual mono components, true Class A amplifiers in the increasingly rare original sense of the term. Our dual mono concept ensures a realistic soundstage and Class A operation is the key to that special "magic" that lets the listener forget about his sensational new amplifier and focus on the most essential thing – the music ...

In the mid 90's, Gryphon decided to introduce the first true High End integrated amplifiers and conducted research into alternatives to pure class A. Our Integrated amplifiers,

from the Tabu series to the current Callisto range, consequently set a new High End standard and proved that Gryphon was much more than huge Class A amplifiers.

The integrated amplifier research was based on a series of prototype power amplifiers and the end result was a new Gryphon topology that can be described simply as super-charged Class A in all input and driver stages, with an output stage running a large array of high-current bipolar output devices in a cooler low-bias Class A mode.



The no-compromise dual mono topology employs two 1,300 VA Holmgreen transformers.

This technology has proven its musical qualities in the Callisto range. We invite you to listen to our Encore powerhouse amplifier, confident that you will appreciate not only the muscle and brain of our new technology – but also its big heart ..

Taking full advantage of major technological breakthroughs in the

development of the reference Gryphon Antileon Signature power amplifier, the Gryphon Encore offers an astounding power output conservatively rated at 500 Watts per channel into 8 Ohms and doubling effortlessly to 1,000 Watts into a 4 Ohm load. The Gryphon Encore has ample power to breathe life into even the most inefficient or reactive loudspeaker load.

As is always the case with Gryphon, the Encore's exceptional laboratory test results translate into a listening experience of stunning realism and emotional richness.

The Encore's dynamic capabilities strike a unique balance between authority and drive, delivering a rare level of energy in the extreme deep bass, while maintaining the integrity and timbre of even the subtlest nuances.

Circuit Topology

Exceptionally wide signal bandwidth and the elimination of global negative feedback result in an ultra-fast, unconditionally stable power amplifier that requires no sonically degrading corrective measures. Wide bandwidth and zero negative feedback make a major contribution to the Gryphon Encore's fine phase characteristics and exemplary behavior across the audible range.

The interior of the Gryphon Encore reveals its deep audiophile roots and uncompromising symmetrical

design. The strict dual mono configuration for infinite channel separation extends even to the presence of separate AC power cords for each channel.

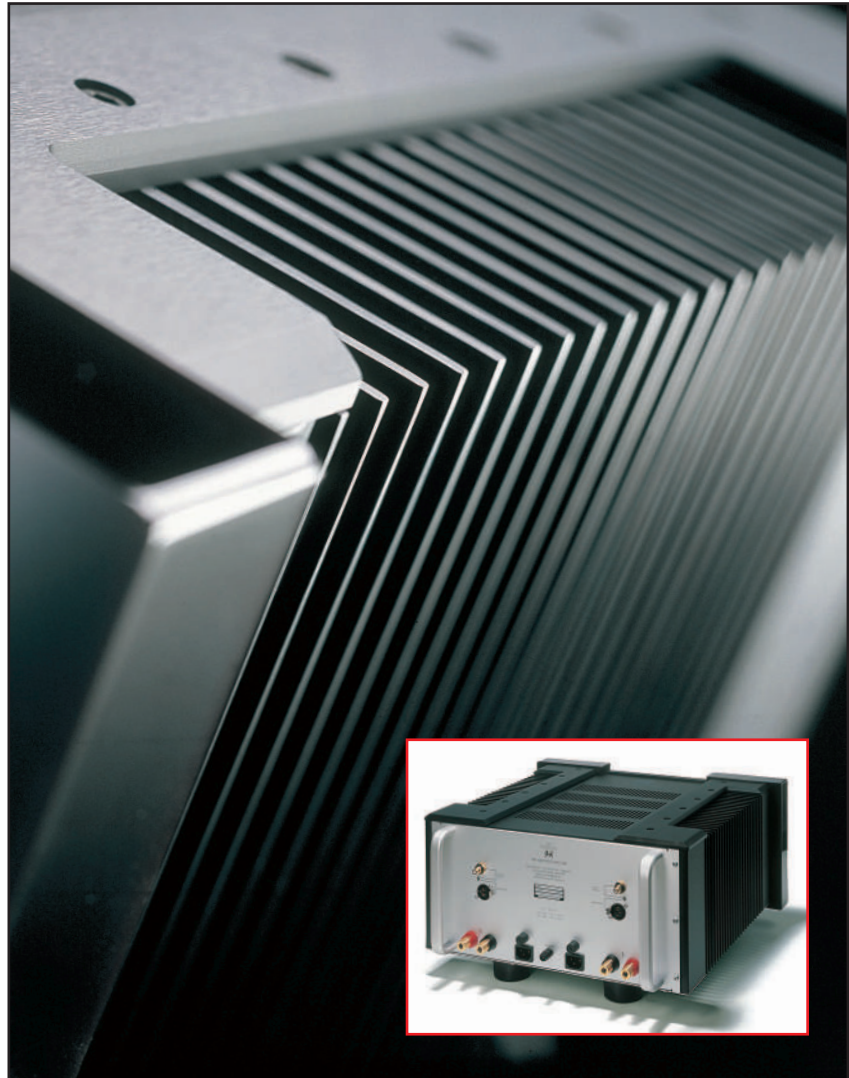
Uncompromising choices have also been made in the extensive power supply filtering. Each channel of amplification consists of dual bridge rectifiers and 20 capacitors for a total of 80,000 microFarad per channel. Instead of the usual two to four reservoir capacitors per channel, the Gryphon Encore employs 20 smaller filter capacitors, coupled in parallel for greatly reduced series induction and, consequently, significantly improved dynamic characteristics. The capacitor bank is placed close to the output for the shortest possible signal path.

The Gryphon Encore exclusively incorporates components of exceptional quality, such as the finest Sanken output transistors, and key custom developed parts. The thick printed circuit tracks and the short audio signal path have been optimized to the smallest detail to ensure the integrity of the signal handled by this amplifier.

The heavy transformer isolation platforms also act as effective cross-bracing for the entire cabinet.

Connectivity and Styling

The loudspeaker terminals are gold-plated, capable of accepting large-diameter bare wire, banana plugs or



spade lugs. Four large damping feet act as an effective trap for mechanical resonance, ensuring excellent immunity to vibration.

The exterior of the Gryphon Encore evokes an unmistakable impression of power and reliability. The imposing chassis possesses an understated elegance, with the satin black of



For additional information or for the opportunity to audition the Gryphon Encore in person, please accept our cordial invitation to visit the showroom of your local authorized Gryphon dealer.

the brushed aluminum in complete harmony with the sheen of the high gloss acrylic surfaces.

An internal connection port is fitted for computer access to future flash memory upgrades to be installed by your Gryphon dealer.

Technical Specifications

Frequency Response:
0.25 Hz - 250 kHz +0/-3 dB
Input Impedance:
Balanced: 20 kOhm
Single-Ended: 10 kOhm
THD+Noise:
1 kHz. < 0.05%
20 kHz. < 0.25%
Signal to Noise:
>100dB A Weighted
Gain:
32 dB
Input Sensitivity:
1.6 V - 500 W / 8 Ohm
Output Power: RMS
2 x 500 W. 8 Ohm 2 x 1,000 W. 4 Ohm
Output Voltage:
RMS: 63.5 V / P-P: 179.6 V
Output Impedance:
0.055 Ohm
Weight:
48 Kg. Net.
Size: (WxHxD)
48 x 26 x 51 cm.



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