

STATE OF HEART

THE
GRYPHON



THE GRYPHON ANTILEON SOLO MONOBLOCK POWER AMPLIFIER

Features

- Balanced input
- 150 Watts Pure Class A
- 170 Amperes Peak-to-Peak current
- 40 High current Sanken bipolar output transistors
- Individual bypass film capacitors for each transistor
- 280,000 μ F power capacitor bank
- Ultra-wideband flat frequency response to beyond 350kHz
- Gryphon Guideline Mk 2 pure silver internal wiring
- Minimal negative feedback
- Custom-built toroidal transformers
- Shielded, epoxy-damped transformer housing
- Separate power supply for digital circuits
- Custom-built long-life capacitors
- No output relays
- User-programmable Green
- Class A bias
- Class A status display
- AC voltage status display
- DC servo coupling
- Frequency-independent damping factor
- Rigid mechanical structure
- Comprehensive, non-invasive protection system
- Double sealed, mil spec PCB with 105 μ copper traces

Antileon:

In classical mythology, the son of Hercules and Proclis, the daughter of Theseus, whose name means "sounds divine".

When we introduced the Gryphon Antileon dual mono power ampli-



er, it was immediately recognized by critical musical lovers and reviewers worldwide as a new reference standard. After (briefly) basking in the warm glow of universal acclaim, we returned to our drawing boards and listening rooms, inspired and determined to scale even greater heights.

The result of these concentrated efforts is the Gryphon Antileon Solo monoblock power amplifier. The Gryphon Antileon Solo will consistently shed new light on your music collection with its wide and deep soundstage, seamless top-to-bottom coherence, realistic musical timbre and natural rendering of the complex patterns of fundamentals and overtones which define live music, yet typically are beyond the reach

of even the most costly audio system.

The tightly focused presentation of the Gryphon Antileon Solo clearly delineates the relative size, height and position of individual instruments and voices. Its openness and transparency reveal new layers of low-level detail and ambient information, always presented in their proper place within the totality of the musical event.

Independent monoblock configuration

In order to achieve this level of performance, the Gryphon Antileon Solo is configured as a completely independent mono power amplifier, eliminating any possibility of crosstalk or other unwanted interaction between left and right channels. The literally infinite channel separation of the Gryphon Antileon Solo contributes to its outstanding ability to place performers precisely on a virtual three-dimensional stage.

With completely separate power supplies isolated on independent chassis, even the most extreme instantaneous current draw in one channel will have no audible effect on the other channel. The ready availability of high current on demand lends an effortless smoothness and consistency to the musical performance of the Gryphon Antileon Solo, even at realistic concert hall levels.

As a monoblock design, the Gryphon Antileon Solo doubles the transformer capacity and the number of transistors and power capacitors operating in each channel, enhancing its suitability for use with typical high end loudspeakers with low sensitivity, low impedance and

large phase angles. With peak-to-peak current capability of 170 Amperes, the Gryphon Antileon Solo provides exceptional compatibility with even the most viciously reactive loudspeaker loads, permitting the loudspeaker of your choice to perform at its very best.

Green Bias programmable Class A

Gryphon is proud to be numbered among the select few manufacturers who offer true uncompromisingly pure Class A output power. While we readily acknowledge the cost and complexity of such a design, it is

nonetheless our experience that a well-designed true Class A amplifier circuit such as the Gryphon Antileon Solo brings the listener significantly closer to the absolute sound of real music playing in real space than any other circuit topology known to man.

In vain efforts to provide a taste of Class A performance without the price tag, many designers offer their own versions of a signal-sensing auto-bias circuit, which attempts to follow the rapidly varying dynamics of the music signal by constantly adjusting bias. Unfortunately, it is impossible for such a circuit to predict with any reliability the instantaneous dynamics of the music signal and respond with appropriate speed. What you get for your money is conventional Class A/B performance with an expensive and ineffectual band-aid stuck on for show.

For this reason, the Gryphon Antileon Solo operates exclusively in pure Class A mode. For occasional situations when a continuous power consumption of 1,400 Watts from a pair of Gryphon Antileon Solos is not called for, Gryphon offers user-programmable Class A



bias settings of 100%, 75% or 50%. Acknowledging the need to conserve our global resources, we refer to this feature as Green Bias.

Green Bias allows the user to take into account the many factors which determine instantaneous power requirements: room size, the balance of reflecting and absorbent materials in the room, loudspeaker sensitivity and impedance characteristics, as well as personal preferences with regard to musical tastes and volume levels. Each combination of these factors is unique and only Gryphon allows the owner to adapt amplifier bias to perfectly match his system, or even the mood of any given moment.

While Green Bias can be accessed manually on the Gryphon Antileon Solo, it can also be adjusted automatically when the Antileon Solo is used with the Gryphon Elektra pre-amplifier. For further details, consult your authorized Gryphon dealer.

Technical details

Redefining the limits of what is possible in an audio amplification system requires innovative thinking and broad knowledge of the range of components available for use in a ne plus ultra circuit design. In many

instances, dissatisfaction with the sonic performance or long-term reliability of available stock parts led our engineers to specify original, proprietary components which are custom-built exclusively for Gryphon. Unique Gryphon components in the Gryphon Antileon Solo include the toroidal transformers, power

capacitors and even the multi-way loudspeaker terminals. The Gryphon Antileon Solo employs large banks of high-speed Sanken bipolar output devices for stability, sound quality and high current output. Each transistor is individually bypassed using selected film capacitors.

Despite its seeming complexity, the Gryphon Antileon Solo follows the shortest possible signal path from its balanced input sockets to its massive speaker binding posts. Only balanced XLR inputs are provided, because single-ended phono sockets would add needless wiring and soldering, compromising the integrity of the music signal.

Sparing no pains to maintain the integrity of the shortest possible signal path, there are no output relays in the circuit and the Gryphon Antileon Solo circuit layout is designed with an absolute minimum of internal wiring. Where internal

wiring is unavoidable, pure silver Gryphon Guideline Mk II is employed.

To eliminate the effects of stray magnetic fields, non-magnetic materials are used throughout the Gryphon Antileon Solo, with the inevitable exception of the transformer shielding. Additional damping of the mechanically isolated transformers is provided by a special epoxy resin compound.

Displays and control circuits are fed by a separate power supply to isolate any digital noise artifacts and effectively prevent them from contaminating the signal path.

Due to the high voltages present in the Gryphon Antileon Solo, comprehensive protection circuitry is provided to ensure the safety of the

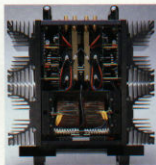


amplifier, the loudspeakers and their owner. Effective DC, HF, short circuit and thermal protection is executed outside the signal path in an ingenious, non-invasive circuit with no deleterious influence on the music signal.

Handsome exterior

The imposing contemporary aesthetics of the Gryphon Antileon Solo, with black anodized aluminum metalwork, are an ideal match for its bold, yet controlled music reproduction. The faceplate, tooled from a massive 40 mm slab of high-gloss black acrylic, is illuminated by the Gryphon logo and includes controls for adjusting

Green Bias status and a monitor for AC power line voltage.



The serial number nameplate may be returned to Gryphon headquarters for engraving of the owner's name at no additional charge.

Celebrating ten years in the service of music

Gryphon Audio Designs is pleased to introduce the Gryphon Antileon Solo monoblock power amplifier as a worthy starting point for our second decade as designers and manufacturers of the finest audio equipment for music lovers

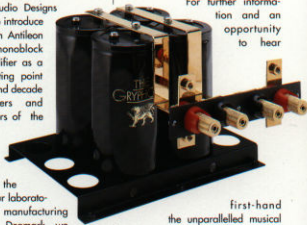
around the world. At our laboratories and manufacturing facilities in Denmark, we maintain full control over every aspect of development and production, and the members of our conscientious staff have diligently followed the Gryphon Antileon Solo from initial concept to early prototype, through to final quality control.

With state of the art technical equipment and some of the finest minds in the audio engineering field at our

disposal, the Gryphon Antileon Solo confirms that the Gryphon brand name continues to define the highest audiophile standards of subjective and technical performance. As with every Gryphon product, our panel of experienced, critical listeners has approved the Gryphon Antileon Solo for release only after ensuring that it meets our strictest standards.

While scientific method and sophisticated technology play an important role in electronics design, at Gryphon we never lose sight of the fact that the keen ears of an experienced listener are the most crucial calibration tools.† Therefore, the Gryphon Antileon Solo exists for one simple purpose: to create a credible illusion of being in the same space as the musicians as they perform.

For further information and an opportunity to hear



first-hand the unparalleled musical realism of the Gryphon experience, please accept our cordial invitation to visit the showroom of your near-