

THE GRYPHON



THE GRYPHON ANTILEON SIGNATURE MONO

could otherwise trigger fuses in the home electrical system.



Dimensions:
H.25 cm W.58 cm D.54 cm
Shipping weight:
96 Kgs each

Specifications may change without notice:



An integrated service log is automatically updated for a full recorded history of the unit. This information and possible future microprocessor upgrades can be transferred via a special keyfob interface.

The strikingly styled Gryphon Antileon Signature Mono makes head Gryphon Flemming E. Rasmussen proud to have his autograph engraved on the front of every unit. For the serious music lover with an audio system capable of matching its stellar resolution, Antileon Signature Mono simply brings home more of the music.

Technical

Specifications:

Frequency response

1-350.000 Hz

Output Power: (continous)

8 ohms 175 Watt

4 ohms 350 Watt

2 ohms 700 Watt

1 ohms 1400 Watt

Peak Power:

5000 watt into 0.5 ohms

100 Ampere into 0.5 ohms.

Input impedance: 10 kohm

Output impedance: 0.02 ohms

Max power consumption:

2.500 w.

Min power consumption:

133 w. (stand-by)



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stage. A separate transformer for control and display circuitry isolates them from the signal path.

Twin-tier banks of 80 ultra-fast capacitors deliver 400,000 μF to the output stage and 40,000 μF to the driver stage. Closely matched input transistors, special ultra high-frequency driver transistors and 40 bipolar output transistors specially selected for high frequency and high current provide speed to delineate the subtlest details and power to recreate massive crescendos.

Unique zero-inductance resistors with exceptional audio characteristics have been specially designed for the Antileon Signature with a flat ceramic plate etched with a thick film/metal film conductive layer which is laser-trimmed for precise impedance.

Defined as much by what is left out as by what is put in, Antileon Signature Mono employs no contacts, no sockets, no current limiting, no



global feedback, no output relays and no protection circuitry in the signal path. The only internal wiring is a short length of Gryphon Guideline



silver interconnect from the balanced XLR inputs to the printed circuit board. All internal signal transfer is via solid copper busses or 105 mm

PCB copper traces.

Control functions include Mute, On/Standby for immediate optimum performance without warm-up and Low/High bias options in addition to Green Bias for automatic bias control via a Gryphon preamplifier.

An intelligent, non-invasive protection system with no circuit breakers in the signal path monitors operational status 10 times every second for DC, HF, overheating, short circuit and low AC. An 18-second Soft Start turn-on prevents sudden current draw which

The Gryphon Antileon Signature Series Mono Amplifier

- Fully balanced circuit
- 150 Watts Class A
- 40 High current bipolar output transistors
- 440,000 μF power capacitor bank
- Flat frequency response to beyond 350kHz
- Gryphon Guideline silver internal wiring
- Zero global feedback
- Custom-built separate toroidal transformers
- Shielded and decoupled, polyurethane-damped transformer casings
- Custom-built power capacitors
- Separate power supply for digital and analogue circuits
- DC servo coupling
- No output relays
- Frequency-independent damping factor
- Custom-built binding posts

- Automatic Green Class A bias setting or manual Low/High bias
- Rigid mechanical structure
- Microprocessor-controlled non-invasive “smart” protection system
- Double sealed, mil spec PCB with 105 μm copper traces
- Upgradeable micro-processor software with integrated service log
- Plywood shipping box



More than five years in the making, the Gryphon Antileon Signature monoblock power amplifier breaks new ground in audio performance, exploring new technologies in components, materials and circuit topology to create a direct music conduit with consummate sonic neutrality, textural purity and dynamic ease.

With an ultra-wide frequency bandwidth (0.5 – 350,000 Hz, (+0 dB, -3 dB) and conservatively rated at 175 W pure Class A (8 Ohms), Gryphon Antileon Signature Mono doubles power output to 350 W into 4 Ohms, doubling again to 700 W into 2 Ohms, delivering an amazing 1,400 W into a 1 Ohm load for guaranteed stability with any loudspeaker.

The fully balanced differential single-channel amplifier employs custom-built twin 1,500 W toroidal transformers mounted in a metal shield encased in epoxy for effective damping. The output stage and driver stage employ separate supplies to fully isolate the output stage from the input