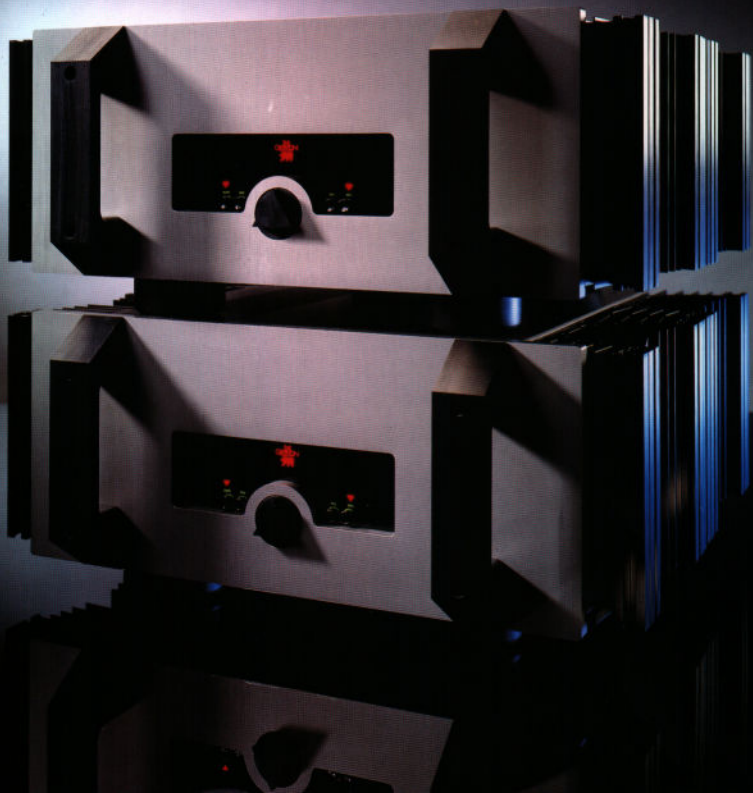


STATE OF HEART

THE  
GRYPHON



## GRYPHON REFERENCE MONOBLOCK POWER AMPLIFIER

### FEATURES:

- Fully balanced circuit
- 150 Watts Pure Class A into 8 ohms
- 200 Watts Pure Class A into 4 ohms
- 40 High current bipolar output transistors
- Flat frequency response to beyond 250kHz
- Minimum negative feedback
- Custom-built separate toroidal transformers for positive and negative rails
- Custom-built power capacitors
- No output relays
- User-programmable Class A bias
- Frequency-independent damping-factor
- Rigid mechanical structure
- Comprehensive, non-invasive protection system
- Double sealed, mil spec PCB with 105 mU copper traces

### BY POPULAR DEMAND

No matter what the advertisements and the brochures tell you, there are only a select handful of true no-compromise, price-no-object designs in the audio marketplace. Manufacturers do take price points into consideration; they do stop research and development before the cost gets out of hand and they do make practical concessions concerning size, weight and transportability.

The only product which could honestly be said to be absolutely free from all of these constraints would have to be designed with no thought for the marketplace, with no intention of being offered for sale.

The Gryphon Reference Monoblock Power Amplifier restores meaning to the phrase no-compromise, price-no-object design.

We had no intention of manufacturing and selling the Reference. We have no idea how many we might be able to sell. And, frankly, we don't care.

The Reference was designed with a higher purpose in mind, a purpose which it serves faithfully every day in the Gryphon listening rooms. It was only at the insistence of audiophile visitors that we finally allowed ourselves to be persuaded to make the existence of the Gryphon Reference known to the world at large.

But beyond the select circle of individuals who are in a position to even consider such a purchase, the Gryphon Reference touches the lives of every Gryphon owner with the wealth of new knowledge it makes available to our engineers and the new standards it sets for music reproduction.

As its name implies, the Gryphon Reference was created to be the ultimate evaluative tool, to redefine such terms as resolution, sound-staging and transparency. It is uniquely revealing of the performance of source components, loudspeakers and interconnects.

The Gryphon Reference is the standard-bearer for our own research and development efforts and for designers and reviewers worldwide who have elected to install the Reference in their own state of the art systems.

### REFERENCE TECHNOLOGY

Although many manufacturers claim Class A performance, the Gryphon Reference with 150 Watts of pure Class A power in a nominal 8 ohm load is one of the world's most powerful true Class A designs.

The critical selection of components required to attain this level of undistorted output power (10,000 Watts peak to peak in an 0.5 ohm load) was aided by sophisticated CAD/CAM technology. Extensive thermal and load analyses made possible the optimization of component performance parameters.

The fully balanced Gryphon Reference employs computer-grade RIFA long-life, thermally-resistant capacitors and 40 Sanken high current bi-polar output transistors.

Abandoning the commonplace bipolar power supply with one side providing positive voltage and the other side negative voltage, the Gryphon Reference employs two 1,200 Watt transformers with four galvanically isolated driver stage regulators which render the positive and negative handling circuits practically independent.

The ultra-wide frequency bandwidth of the Gryphon Reference, with frequency response extending beyond 350kHz, ensures perfect phase characteristics and high slew rate.

Because 150 Watts of pure Class A power is overkill for the vast majority of applications, the Gryphon Reference incorporates a Class A bias switch, with selectable 75% or 100% Class A operation. The 75% mode may be useful with efficient loudspeakers or at lower listening levels.

A sophisticated protection system with no current limiting or other signal degrading effects protects the Gryphon Reference in the event of DC, short circuit, overheating, LF or HF.

### EXTERIOR DESIGN

The Gryphon Reference is finished to a world-class standard in a gun-metal grey, non-magnetic, non-resonant enclosure of brushed aluminum.

The 15mm front plate houses

indicators for Mute, Idle and Class A bias (75% or 100%).

The rear panel houses the AC power switch, three-pin AC power socket, fuseholder, Class A bias selector and two sets of five-way binding posts to facilitate bi-wiring.

### GRYPHON MASTER TAPES

It would not have been possible to achieve the Gryphon Reference level of performance without access to the Gryphon master tape collection. Gryphon's library of more than 1,000 first or second generation master tapes are an indispensable evaluative tool in expanding the performance parameters of every Gryphon product.

Original master tape represents the closest approximation to the live performance which for Gryphon remains the only reliable reference.

### AVAILABILITY

Should you require additional information, please accept our cordial invitation to visit the showroom of your authorized Gryphon dealer.

Although the Gryphon Reference will not be available from stock, your Gryphon dealer will assist you in placing your order. Because your pair of Gryphon Reference Monoblock Power Amplifiers will be custom-built for you, please allow several months for assembly and delivery. For protection in transit the Gryphon Reference is shipped in a wooden flight case with metal fixings.

### REFERENCE 1 Specifications:

Continuous Power Output:

- Into 8 Ohms 150 W Class A
- 4 Ohms 200 W Class A
- 4 Ohms 300 W Class A/B
- 2 Ohms 600 W Class A/B
- 1 Ohm 1,200 W Class A/B

Peak Power: 5,000 Watts into 0.5 ohms

Frequency response: 10 Hz - 350 kHz

Power response: 10 Hz - 350 kHz

Input impedance: 10 K

Output impedance: 0.03 Ohms

THD 0.01% (1W/8ohms)

Powerconsumption 230V: min. 5A

max. 10A

Powerconsumption 110V: min. 10A

max. 20 A

Protection; HF, DC, LF, Short circuit, DC, SOAR, Temperature: ( transformers & Heatsinks )

SHIPPING WEIGHT: 90 Kgs. each

Dealer/Distributor:

