

THE  
GRYPHON



GRYPHON CALLISTO 2200

# Gryphon Callisto 2200 Integrated Amplifier

**True Dual Mono configuration**  
**Infrared remote control.**  
**Flash memory upgrades via PC**  
**Zero negative feedback.**  
**Microprocessor-controlled passive volume potentiometer.**  
**Dual Mono Holmgren toroidal transformer.**  
**Extensive mechanical decoupling.**  
**Minimal internal wiring.**  
**Ultra-short signal path.**  
**Non-magnetic, non-resonant aluminum cover.**  
**Military spec. double-sided printed circuit boards.**  
**PCB-mounted sockets eliminate wiring and shorten signal path.**  
**Gold-plated Swiss Neutric XLR sockets for one balanced source.**  
**Exclusive custom Gryphon gold-plated phono sockets with Teflon insulation for 4 inputs.**  
**Fixed-level AV input for integration with surround preamplifier.**  
**Vacuum Fluorescent Display with 2 lines and 50 characters.**

**Adjustable display lighting (High, Medium, Low, Off).**  
**Optional MM/MC phono stage**  
**EU CE approval.**  
**Designed and built in Denmark.**

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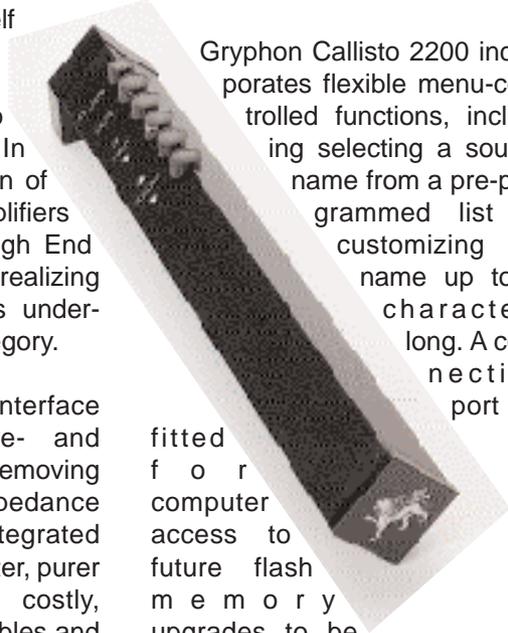
The Gryphon Tabu Century was judged "very close to the best pre/power combinations we have ever heard" by High Fidelity Magazine, Denmark. And The Gryphon AT "places itself far and away at the top of our Reference Class" according to Audio Magazine, Germany. In short, the first generation of Gryphon integrated amplifiers immediately took the High End audio world by storm, realizing the full potential of this under-appreciated product category.

By eliminating the interface between separate pre- and power amplifiers and removing concerns about impedance matching, Gryphon integrated amplifiers provide a shorter, purer signal path, without costly, exposed Interconnect cables and separate power cords. Now, the Gryphon Callisto 2200 two-channel integrated amplifier brings you even closer to the sound of live music. Gryphon Callisto 2200 takes a

minimalist approach to circuit design based on minimal internal wiring, a passive preamplifier stage and select bipolar transistors. Exceptionally thick, low-loss conductor tracks of 105 um copper are employed on both sides of the printed circuit board. Display and control circuits are powered independently via a separate power supply in order to eliminate any risk of noise contamination.

Gryphon Callisto 2200 incorporates flexible menu-controlled functions, including selecting a source name from a pre-programmed list or customizing a name up to 8 characters long. A connection port is

fitted for computer access to future flash memory upgrades to be installed by your Gryphon dealer.



A unique AV input allows the power amplifier section of the Gryphon Callisto 2200 to be used with a separate surround processor. This unity gain connection preserves the integrity of the Gryphon Callisto 2200 signal path for uncompromising stereo listening, while taking full advantage of the superior Callisto power amplifier for surround listening.

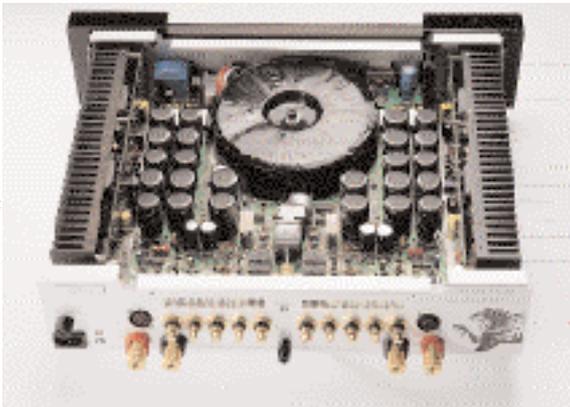
Input and output sockets are soldered directly to the printed circuit board with no connecting cables to introduce parasitic capacitance and resistance. Input relays lift the ground connection for inputs not in use, isolating the selected signal

from noise contamination from the other sources.

Gryphon has gone to great lengths to ensure optimal operating conditions for the output transistors. The output stages employ a double push-pull configuration of complementary high-speed Sanken transistors for each channel. High slew rate ensures correct handling of ultra-fast musical transients, even at high levels. Wide power bandwidth extending beyond 350 kHz

ensures linear phase across the audible frequency range and the absence of negative feedback completely eliminates intermodulation distortion.

The conservatively rated 200 Watts output power per channel in 8 Ohms doubles to 400 Watts in 4 Ohms and increases again to 600 Watts in 2 Ohms loads.



Gryphon Callisto 2200 delivers constant high current, regardless of impedance or frequency, for supremely transparent sound, exceptional musicality and prodigious dynamic capabilities.



See your authorized Gryphon dealer for additional information and for the opportunity to experience the Gryphon Callisto 2200 firsthand.

## Technical Specifications:

Frequency Response :  
20Hz – 20kHz, +0.0 / -0.2dB.  
0.25 – 250kHz, +0 / -3dB.  
Input impedance : 10K  
Av Input impedance: 47K  
THD+N : 1kHz < 0.05%, 20kHz < 0.25%.  
Signal to Noise  
< -100dB “A-weighted”  
Gain : 38dB.  
Input sensitivity : 700mV.  
Input sensitivity AV-input : 1V.

Output Power :  
Both channels driven  
2 x 200Watt in 8 Ohm.  
2 x 400Watt in 4 Ohm.  
2 x 600Watt in 2 Ohm.  
Output voltage :  
RMS : 40 V  
Peak to Peak : 113 V

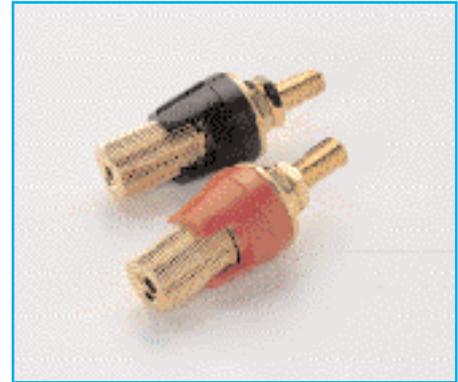
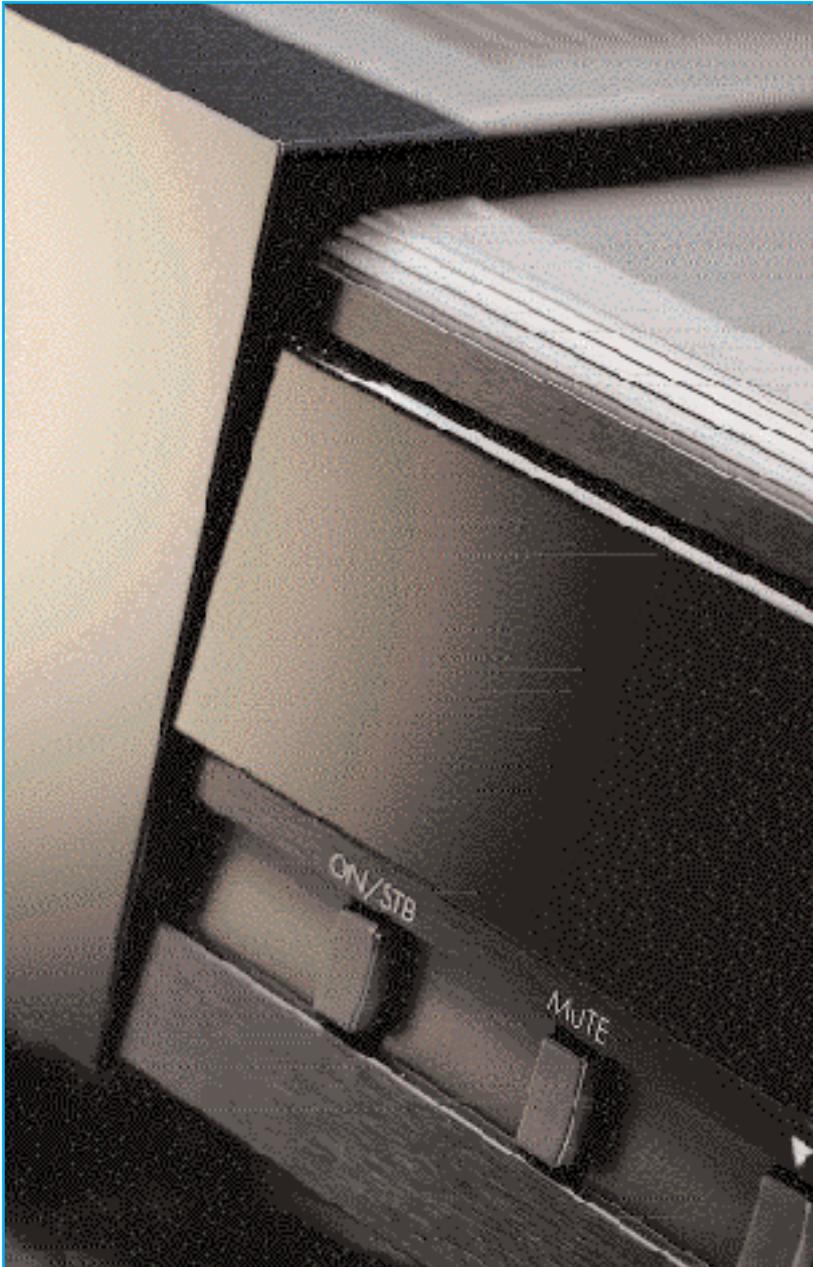
Output impedance : 0.028 Ohm

Power consumption :  
Idle : 200Watt.  
Max : 1400Watt.

Dimensions:  
H. 175 mm W. 480 mm.  
D. 420 mm.

Weight  
Shipping weight 27 kgs.  
Unit only 24 kgs.

Features, functions and specifications are subject to change without notice.



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