



## SIREN by Gryphon

### High Fidelity Reaches New Heights



Three years ago, Gryphon forever changed Ultra-Luxe Audio with the introduction of Apex and Commander: a Power Amplifier and Preamplifier whose performance and sound quality represented significant improvements from all previous designs. Combined with our State-of-the-Art Kodo Loudspeaker System, Ethos DAC/Transport and Vanta cabling, Apex and Commander deliver a level of system synergy beyond all other High Fidelity Systems. The recent introduction of Gryphon PowerZone extended this excellence even farther, virtually eliminating AC Power issues. Now, the introduction of Siren, the Ultimate Phono Preamplifier, adds the next essential component to the world's finest audio system.

Siren shares its sculpturally beautiful, “Nordic Noir” aesthetic with Apex and Commander. Its 4.3” TFT capacitive touch screen with 4mm hardened glass panel is identical to Commander’s, as is Siren’s Dual-Mono Power Supply Unit (PSU), which offers a power reservoir whose size and quality is unprecedented in a Phono Preamplifier. Weighing over 83 lbs (38 kg), Siren’s massive PSU features local, fully regulated power supplies for all sensitive voltage amplifying stages. These ultra-low-noise circuits provide a deep black background: the ideal foundation for ultimate phono performance. In addition to separate left- and right-channel power supplies, a third, purpose-engineered supply for all digital functions maintains total separation of Digital and Analog signal paths, all the way back to the AC Cords.

Like Apex and Commander, Siren boasts four-layer Printed Circuit Boards with 70μ copper traces: more than twice the thickness of competitive components. These Boards are stuffed with the finest parts available for audio use, including Mundorf MCap ZN Capacitors, low inductance resistors from Vishay, matched transistors from ROHM and ultra-low noise transistors from ZETEX. Sensitive audio circuitry is floated on a proprietary, internal isolation base which employs “Constrained Layers” of Kerrock, Bitumen and steel to optimize component damping and eliminate smearing of fine detail.



A hallmark of all Gryphon components, Siren's circuit topology features true Dual Mono configuration as well as Zero Global Negative Feedback. And since the phono cartridge is the only true-balanced signal in the audio playback chain, Siren preserves signal integrity by employing a fully discrete, fully balanced circuit topology: a hallmark of Gryphon Phono Preamplifier design for more than 30 years! Befitting a state-of-the-art component, extreme measures have been taken to ensure ultra-low noise operation. Minimal internal wiring and the use of specially selected, PC-Mount XLR and RCA connectors further minimize noise and wiring while enhancing product consistency and longevity.

Siren has been designed for versatility and pleasure of use as well as ultimate audio performance. In order to maximize system flexibility, Siren includes four user-selectable inputs—three XLR and one RCA—to delight the most ambitious analog lovers. MC Load Impedance as well as input can be chosen from the remote handset. 12V Buss Links simplify system power-up and power-down, while a rear-panel USB 2.0 Socket enables simple Firmware Upgrades.

Whether judged by sound quality, aesthetic beauty, build quality or user-friendliness, Siren represents a new standard in analog playback and occupies the pinnacle of Phono Preamplifier design. Siren by Gryphon: experience it.



## Features:

- True Dual Mono configuration
- Zero global negative feedback
- Four selectable inputs, one RCA and three balanced XLR
- Selectable MC load impedance
- Selectable MC and MM load capacitance
- Selectable gain
- Extremely low noise
- Fully balanced circuit, a Gryphon phono stage innovation as early as 1994
- Fully discrete circuit
- DC servo coupling
- Select premium grade components.
- Premium massive Mundorf MCap® ZN capacitors used for local power supply decoupling.
- MCap® ZN's loss factor is ten-times lower than of metallized PP-film capacitors. Additionally, the mass inertia of the tin foil prevents oscillations in the benefit of transparency and spatiality.
- Fully regulated extremely low noise power supply for all voltage amplifying stages
- Ultra-short signal path
- Minimal internal wiring
- Four-layer printed circuit boards with 70μ copper on all layers
- PCB-mounted sockets eliminate wiring and shorten signal path.



- Gold-plated Neutrik XLR sockets for up to three balanced Phono Cartridges
- Gold-plated phono sockets with Teflon insulation for one Phono Cartridge
- Massive Dual mono external power supply
- Huge power supply capacitor bank for each channel
- Separate linear power supply for both digital and each left/right analog circuits
- Separate mechanical chassis for Power Supply and Amplifier circuits
- Decoupled kerrock, bitumen and steel sandwich chassis bottom holding the sensitive amplifier and power supply Printed Circuit Boards, to prevent smearing of the fine audio details.
- 4.3" TFT capacitive touch screen with 4mm hardened glass in front
- Intuitive menu structure
- 12Vdc link input and output
- Infrared Receiver input on rear panel mini jack socket
- Firmware upgradeable via USB 2.0 socket on rear panel
- Infrared Gryphon remote
- EU CE approval
- Standby power consumption < 0.5W
- Designed and built in Denmark.

#### Specifications:

- Three Balanced XLR inputs each channel.
- One Single Ended RCA input each channel.
- One Balanced XLR output each channel.
- Input load Impedance MM: 47K $\Omega$ , MC: from 20 $\Omega$  to 1600 $\Omega$  in selected steps.
- Input load Capacitance MM: 0pF to 608pF in selected steps, MC: 0pF, 220pF or 440pF.
- Output impedance: 50 $\Omega$
- Bandwidth: RIAA +/-0,1dB
- Total Power Supply Capacity, both unit's: 74.000uF each stereo channel
- Gain: MM +38dB or +48dB @ 1kHz, MC: +58dB or +68 dB @ 1kHz
- S/N Unweighted 20-20kHz: MM: 86db @ 10mv, MC: 70db @ 0,5mv
- S/N A-weighted 20-20kHz: MM: 90db @ 10mv, MC: 74db @ 0,5mv
- Channel Separation: Infinite
- Dimensions SIREN unit, WxHxD: 1 pcs. 48x23,6x45,5 cm, net unit weight. 30,4kg
- Dimensions PSU unit, WxHxD: 1 pcs. 48x23,6x44 cm, net unit weight. 38kg

#### MENU-controlled functions:

- Moving Magnet (MM) or Moving Coil (MC) selection
- Additional +10dB Gain option, MM and MC
- Moving Coil load impedance and capacitance
- Moving Magnet load capacitance
- Display Intensity: (100%-75%-50%-25% and Auto Dim ON/OFF)
- Name Input



- Infra-Red source
- Restore Settings
- MENU Exit

REMOTE-controlled functions:

- ON / STB
- MUTE / UNMUTE
- Display Intensity toggle.
- Input selection.
- Moving Coil load impedance and capacitance
- Moving Magnet load capacitance

\*Features and specifications can be changed by Gryphon Audio Designs without further notice.