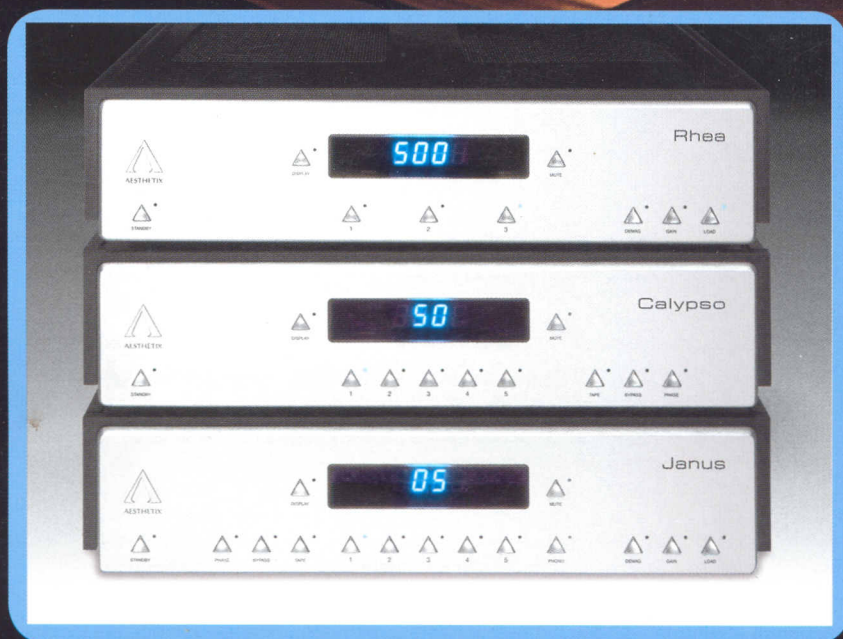
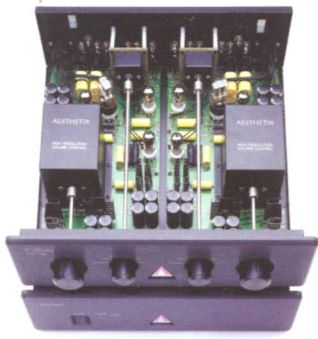


# AESTHETIX SATURN SERIES

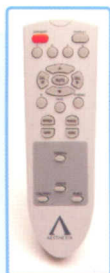




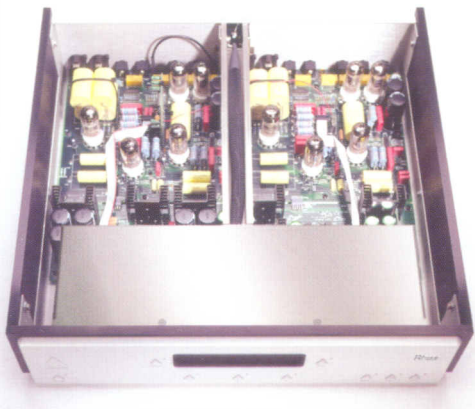
**A**esthetix president and designer Jim White began his pursuit of the ultimate preamplifier designs over 10 years ago. Jim introduced his **Jupiter** Series of preamps in 1994. The **Io** phono stage and **Callisto** line stage became industry benchmarks, garnering recognition from *The Absolute Sound* magazine with a Golden Ear Award for the **Io** and *HP* Editor's Choice for the **Callisto Signature** with dual power supplies. These incredible preamps use between 16 and 32 tubes each and in their ultimate configuration, create a six chassis 270lb component preamp.

Jim has now utilized his knowledge and experience to create the Aesthetix **Saturn** series: **Rhea** phono stage, **Calypso** line stage and **Janus** preamp. As you will see and hear, the Saturn series combines the sonic excellence of the Jupiter preamps in single chassis, beautifully styled, remote controlled components that elevate the performance of all high end music and home cinema audio systems.

- ▶ A single remote control can operate all functions of any one or all three components.
- ▶ The front window displays volume, gain, balance and loading allowing touch panel control of selected feature.
- ▶ All products have display on/off functionality with 5-second timer. Blue LEDs and display assure lowest possible noise.
- ▶ Both single-ended and balanced connections are provided for greatest flexibility and performance.
- ▶ Brushed anodized chassis and side panels. Bottom of the chassis integrates into front panel for enhanced rigidity.
- ▶ Top cover is acoustically inert and allows easy access for maintenance.
- ▶ The transformers are encased in a stainless steel cover that provides electrical and magnetic shielding in addition to providing structural rigidity.
- ▶ AC wires run from the enclosed rear receptacle through the channel up to the transformer cover, reducing unwanted noise and increasing clarity and dynamics.
- ▶ Audio circuit boards are derived from the Jupiter series and are dual mono, providing excellent channel separation for superb imaging.
- ▶ All the circuit boards interconnect with minimal wiring for efficient, reliable manufacture and shortest possible signal paths.
- ▶ Power supply design is derived from the Jupiter series. Two separate transformers, one for the high current, low voltage vacuum tube heater supplies and the other for low current high voltage, solid state and control circuitry. Choke input power supply on the high voltage transformer. All vacuum tube heaters are DC regulated.
- ▶ In standby mode, the tubes are turned off but all of the solid-state circuitry remains powered. The high voltage supply is brought to a level above the coupling capacitor's normal AC signal range, thereby optimally conditioning them. Upon turn on, tubes are gradually brought to full power, maximizing their performance and lifespan.
- ▶ All control circuitry is microprocessor controlled. In normal operation (when not receiving user control via front panel or remote control) the processor is "asleep." There are no clock signals unless a button is pressed on either the front panel or remote, at which time the processor wakes up, executes the request, then goes back to "sleep."



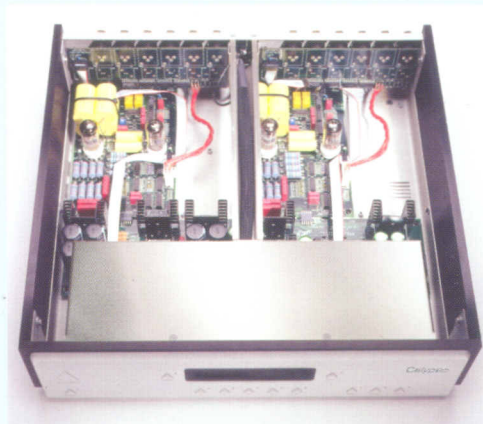
**Rhea** phono stage—the ultimate combination with our Calypso line stage, dedicating separate power supplies and chassis for line and phono functions. Ideal for audio or home cinema systems using integrated amplifiers, separate line stages, or surround sound / processor preamps.



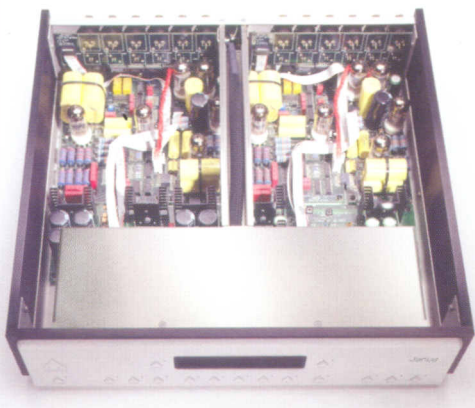
- ▶ Three discrete inputs, allowing use of multiple tonearms and cartridges.
- ▶ Each input can have its own gain and loading setting that is saved even when in standby mode.
- ▶ 40–75dB gain maximum, selectable via front panel or remote control.
- ▶ 9 MC loading settings: 75–47,000 ohms, selectable via front panel or remote control.
- ▶ Remote control of gain, loading, input switching, mute, and demagnetizer.
- ▶ Built-in MC cartridge demagnetizer.
- ▶ Two sets of XLR and two sets of RCA outputs per channel.
- ▶ All tube amplification and output (10 tubes total).
- ▶ Full function remote included.

**Calypso** line stage —the ultimate combination with our Rhea phono stage, dedicating separate power supplies and chassis for line and phono functions. Ideal for audio or home cinema systems using only line level sources or systems where turntable playback is accomplished with a dedicated or existing phono stage.

- ▶ Six line inputs (5 plus tape monitor) All inputs are fully balanced, with both RCA and XLRs provided for each input.
- ▶ Fully balanced differential circuitry with ability to internally balance a single ended input signal.
- ▶ Discrete resistor volume control with 66 1dB steps.
- ▶ All tube amplification and output (4 tubes total).
- ▶ Two sets of XLR and two sets of RCA outputs per channel.
- ▶ Bypass mode for home theatre processor throughput.
- ▶ Absolute phase, selectable via front panel or remote control.
- ▶ Full function remote included.



**Janus** preamplifier—enjoy the renowned Aesthetix sound, full system control and preamplification from a single chassis.



- ▶ Six line inputs (5 plus tape monitor) All inputs are fully balanced, with both RCA and XLRs provided for each input.
- ▶ Phono input: 40–75dB gain maximum, selectable via front panel or remote control.
- ▶ Built-in MC cartridge demagnetizer.
- ▶ 9 MC loading settings: 75–47,000 ohms, selectable via front panel or remote control.
- ▶ Fully balanced differential line section with ability to internally balance a single ended input signal.
- ▶ Discrete resistor volume control with 66 1dB steps.
- ▶ All tube amplification and output (12 tubes total).
- ▶ Two sets of XLR and two sets of RCA outputs per channel.
- ▶ Bypass mode for home theatre processor throughput.
- ▶ Absolute phase, selectable via front panel or remote control.
- ▶ Full function remote included.

### Specifications:

Each Saturn component has a shipping weight of 40lbs and measures 4 3/8" high, 17 7/8" wide and 18" deep (including jacks). The Calypso and Janus line sections feature a switched resistor network volume control with 66 1dB steps. Gain is 23dB single ended (SE) in/out and 29dB balanced/out. Input impedance is 40K ohms SE and 80K ohms balanced. Maximum input is 3.5v (SE), 7.0v RMS balanced. Five standard inputs with RCA (SE) and XLR (balanced) inputs plus 1 tape with RCA and XLR input. Two SE (RCA) and balanced (XLR) outputs. Controls are main input select, tape input select, volume, balance, phase, mute, display, and bypass. Frequency response is



Janus

Calypso



+-.25dB, 20Hz-20Khz. Calypso and Janus line section tube complement is V1 (12AX7WB) and V2 (6922/6DJ8) for each channel.

Rhea phono stage and Janus phono section have 8 gain settings of 75, 68, 62, 56, 50, 44, and 38 dB, or OFF. Nine loading settings are 47K, 10K, 5K, 2.5K, 1K, 500, 250, 125, and 75 ohms. Signal to noise is

measured at 70dB minimum A-weighted (ref 1mv input, 75dB gain setting). Frequency response is +-.25dB, 20Hz-20Khz and controls are phono input (Rhea only), mute, gain, loading, demagnetizer, and standby. Rhea tube complement (each channel) is V1 & V2 (12AX7LP—factory graded low noise), V3 & V4 (12AX7WB) and V5 (6922). The Janus phono section (each channel) is V1 & V2 (12AX7LP—factory graded low noise), V3 (12AX7WB) and V4 (6922).



Rhea

Output impedance (each component) is 300 ohms SE and 600 ohms balanced. Recommended load is >50K ohms. Power consumption for the Rhea in standby mode is 20 watts, 100 watts in active mode. Power consumption for the Calypso in standby mode is 20 watts, 60 watts in active mode. Power consumption for the Janus in standby mode is 20 watts, 120 watts in active mode. Specifications subject to improvement or change without notice

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