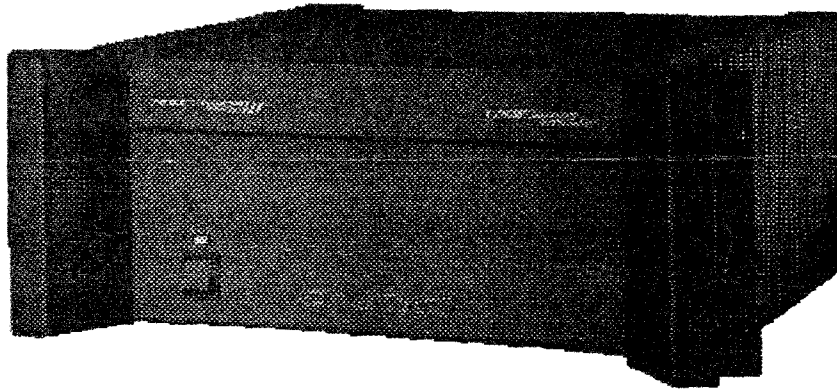


The Sumo Andromeda III

Class AB HexFet 240W/Ch Power Amplifier



\$1799 Suggested Retail

The Andromeda, now in its third generation, carries on the Sumo tradition of balanced amplifier design. It features an all-new, true-balanced topology and absolutely no overall feedback. True-balanced topology begins at the input, where the balanced inputs are not converted to single-ended, as they are in many amplifiers. Indeed, they are passed through the wide-bandwidth, class-A gain stage entirely in balanced form. This gain stage feeds a zero-feedback balanced output stage that is linearized with Sumo's exclusive TL circuit.

The balanced output stage is what makes the difference. In a conventional amplifier, the output stage only drives one terminal of the loudspeaker. The other terminal is tied to ground. The balanced output stage of the Andromeda drives both terminals of the loudspeaker directly, for vastly improved control over loudspeaker motion. The result is more precise imaging and a more stable soundstage.

The Andromeda is Sumo's most powerful amplifier, rated at 240 watts per channel into 8 ohms and capable of sourcing over 200 amperes of peak current. Sixteen hand-matched output MOSFETS are capable of dissipating over 2400 watts continuously, and a 1500 VA transformer with 50,000 uF of filter capacitance and a stacked power supply provide plenty of reserve.

SPECIFICATIONS

Power, Stereo: 240 watts per channel into 8 ohms, from 20 Hz to 20 kHz, with less than 0.1% THD. 400 watts per channel into 4 ohms, from 20 Hz to 20 kHz, with less than 0.2% THD.

SMPTM IM: less than 0.05% from .25W to 100W, 8 ohms.

TIM: unmeasurable

Hum and noise: 103 dB below rated power.

Frequency response: -0.2dB from 20 Hz to 20 kHz, -3dB from 1 Hz to 80 kHz.

Input sensitivity at rated output: 1.8V.

Input sensitivity at 1 watt: 130 mV.

Input impedance: 47k ohms.

Damping factor: greater than 300.

Rise time: less than 2 uS.

Separation: greater than 80 dB.

Dimensions: 19"W x 7"H x 16.5" D.

Shipping weight: 50 lbs.

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