

THE MOMENTUM AMPLIFIERS



THE MOMENTUM M400 MONOBLOCK AND MOMENTUM S250 STEREO AMPLIFIERS deliver magnificently on the initial design goals of formidable power and incomparable finesse from a compact chassis.

The M400 and S250 monikers give a clue to the power output of each amplifier—but only a clue. Each amplifier doubles its power into 4 Ohms and then again into 2 Ohms. This power-doubling capability is the only guarantee that an amplifier can deliver the correct power a speaker may require. The backbone of this power is a new custom-made, ultra-quiet 1,800VA linear transformer. Coupled to this power source is a discrete, balanced, direct-coupled output stage with high-tolerance output devices that are hand selected by our technicians.

A critical element of any amplifier output stage is circuitry known as the driver section. In the Momentum amplifiers, this stage is a fully complementary design, with individual transistors employed for the positive and negative halves



of the musical signal. This change nearly doubles the current drive necessary to maximize the enhanced output stage that follows. The new output stage takes this increased drive to boost the open-loop gain by the same factor of two. The result is a sound that is more authoritative, richer, and more expansive than ever previously achieved.

The Momentum amplifiers employ unique solid copper heat sinks. Not only are they aesthetically beautiful, they are 90% more thermally conductive than the aluminum that's conventionally used in other amplifiers. This design choice provides shockingly large power output from a relatively small footprint. A nice bonus is the ability to upgrade the Momentum S250 to a Momentum M400 when the enhanced performance of monoblock amplification is desired.

Each Momentum amplifier is hand built and individually tested by the team of craftsmen and technicians in D'Agostino Master Audio Systems' Arizona factory.

SPECIFICATIONS	
Finish	Silver Black Custom finishes available upon request
Power: M400 / S250	400 watts @ 8Ω / 250 watts @ 8Ω 800 watts @ 4Ω / 500 watts @ 4Ω 1,600 watts @ 2Ω / 1,000 watts @ 2Ω
Frequency Response	1 Hz to 200 kHz, -1 dB 20Hz to 20 kHz, ±0.1 dB
Distortion: M400 / S250	400 / 250 watts @ 8Ω 0.1% @ 1 kHz –
Signal-to-Noise Ratio	105 dB, unweighted
Inputs: M400 / S250	1 balanced XLR / 1 pair balanced XLR
Input Impedance	1 MΩ
Output Impedance	0.12Ω
Dimensions (WxHxD)	12.5 x 5.25 x 21.5 in / 31.75 x 13.3 x 53.5 cm
Weight	95 lb / 43 kg