



Progression Mono Amplifier

The Progression mono amplifier is the largest and most powerful Dan D'Agostino Master Audio Systems has made to date, delivering 800 watts into 8 ohms, doubling to 1,600 watts into 4 ohms and doubling again to 3,200 watts into 2 ohms. It employs a fully complementary driver stage, beefed up with 84 output transistors, a 4000 VA power supply transformer and 400,000 microfarads of power supply storage capacitance.



The iconic look of the Momentum amplifiers' power meters, inspired by the elegant faces of classic Swiss watches, continues with the Progression series. The Progression mono amplifier features a new meter design with a 270-degree needle swing, driven by a high-speed ballistic circuit that enhances the meter's responsiveness. The longer swing allows the needle to cover the amplifier's entire output range.

The venturi heatsink design premiered in the Momentum amplifiers has been adapted to the cooling needs of the Progression mono amplifier by adding a second row of venturis to

each heatsink. Each heatsink is milled from a single, 48.5-pound (22-kilogram) aluminum billet.

The Momentum series amplifiers focused on combining high power output with a relatively small form factor. The Progression mono delivers extraordinary power in a larger package with the ability to drive speakers to lifelike levels. The Progression circuitry borrows greatly from the flagship Momentum to be a perfect match for virtually any speaker. The audio signal path throughout is discrete, balanced, and direct coupled. Advanced protection techniques shield the

amplifier and associated components from any unexpected anomaly. Like the Momentum amplifier, the Progression circuit boards are executed with through-hole construction for the best sound quality and durability. Like all our products, the Progression series components will be built by hand in our Arizona factory.

The Progression mono amplifier is projected to ship in the first quarter of 2016 and will be available in silver or black finish.



Preliminary Specifications

Power

800 watts @ 8Ω
1,600 watts @ 4Ω
3,200 watts @ 2Ω

Frequency Response

1 Hz to 200 kHz, -1 dB
20Hz to 20 kHz, ±0.1 dB

Distortion

800 watts @ 8Ω
0.15% @ 1 kHz

Signal-to-Noise Ratio

105 dB, unweighted

Inputs

1 balanced XLR

Input Impedance

100 KΩ

Output Impedance

0.15Ω

Dimensions

18 x 20 x 7.5 in.

Weight

150 lbs

Prepping for CES - Dan building the first Progression mono amplifier. Check out that heat sink! Starts as a 48lb block of Aluminum before the Venturi cooling tubes are machined and finished.



More on <http://dandagostino.com/products-progression-mono.php>