

THE PROGRESSION PREAMPLIFIER



THE PROGRESSION PREAMPLIFIER, THE FIRST PREAMPLIFIER in the Progression Series, expands capability and functionality with new features previously not included in a Dan D'Agostino Master Audio Systems preamplifier. Most noticeably, the Progression Preamplifier features an optional digital module. The digital module adds coaxial, Toslink, and USB capability to the analog base model. A fully differential DAC handles PCM signals up to 24 bit/384 KHz and DSD signals up to 4xDSD (11.2 MHz). The digital module can be added later to Progression Preamplifiers that are initially ordered as analog-only models. Both analog and digital module equipped units feed discrete, fully complementary and balanced analog signal path from input to output. Negative feedback is not used anywhere in the Progression Preamplifier, nor is it necessary. Open-loop distortion is less than 0.02% and the open loop bandwidth extends to over 75KHz.

Also new is the Bluetooth technology featured in the included remote control. The Bluetooth backbone extends the range of the remote by a factor of five and eliminates line-of-sight limitations that are inherent in IR remote controls. The volume control is realized with a stepped balanced resistor ladder, using high-linearity solid-state relays and discrete precision resistors. The bandwidth and transient response of the preamplifier circuitry are unaffected by volume setting. The Progression Preamplifier has two independent outputs that can be individually operated or used simultaneously for driving a second amplifier in a subwoofer-based system.





TWO ANALOG METERS, inspired by Swiss watch faces, function as signal level meters during music playback. When volume is adjusted, the meter needles change to volume setting indicators. After adjustments are made, the meters revert back to signal level meter operation. The meters also function as a balance indicator when adjusting balance.

HOUSED IN A SEPARATE CHASSIS, the power supply makes use of extensive electrical and magnetic shielding to keep radiated interference away from critical preamplifier circuits. Internal circuitry filters RF noise on the AC power, and compensates for asymmetric power waveforms and DC on the mains. A second DC output is included to power future Progression Series source components. Like all Dan D'Agostino Master Audio Series products, the Progression Preamplifier is hand built in our Arizona facility by our team of dedicated craftsmen and technicians. The preamplifier is available finished in beautiful silver, black, red, and other custom finishes.

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SPECIFICATIONS

<i>Frequency Response</i>	0.1 Hz to 1 MHz, -3 dB / 20 Hz to 80 kHz, ± 0.5 dB
<i>Distortion</i>	<0.018% THD+N, 20 Hz to 20 kHz
<i>Signal-to-Noise Ratio</i>	>95 dB, unweighted
<i>Gain</i>	+9.8 or +15.4 dB, switchable
<i>Analog Inputs</i>	4 prs balanced XLR stereo 2 prs single-ended RCA stereo
<i>Digital Inputs (w/ DAC Module installed)</i>	1 USB A type 1 Optical Toslink 1 SPDIF coaxial
<i>Outputs</i>	2 prs balanced XLR stereo
<i>Weight (with power supply)</i>	40 lbs / 18 kg
<i>Dimensions (preamplifier)</i>	4.3 x 18 x 12 in (hwd) / 10.8 x 45 x 30 cm (hwd)
<i>Dimensions (power supply/base)</i>	3 x 11 x 8 in (hwd) / 7.5 x 27.5 x 20 cm (hwd)

