



We are excited to announce the new **Momentum HD Preamplifier**, a major upgrade to the Momentum Preamplifier. The **Momentum HD Preamplifier** builds on the award-winning platform of the Momentum Preamplifier adding the new HD status for the **High Dynamic** and **High Definition** improvements that are included in this substantial upgrade. The new **Momentum HD Preamplifier** incorporates advancements in the power supply, audio circuitry, and control sections. Please see below for the details.



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## The **Momentum HD Preamplifier** Technology Upgrades

**Power Supply** - The **Momentum HD Preamplifier** main power transformer is 33% larger as compared to the original Momentum Preamplifier. A unique winding technology, first employed in the **Momentum M400** Amplifier, delivers greater power output from the same footprint. Taking advantage of this increased power supply capability, the output stages are now operating at a 36% percent higher voltage rail. The increased rail voltage delivers greater speed in both macro and micro dynamic contrasts.

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**Audio Circuitry** - A completely new discrete differential FET input stage features two current sources per leg and an input impedance greater than 1M $\Omega$ . This ultra high input impedance isolates the input stage and thus the entire audio signal path from external variables. This new input stage was an engineering experiment that exceeded our expectations with the level of fine-grain detail and delicate musical shadings achieved. The subtleties of voices are rendered with a lushness and richness that were simply unattainable previously. The new input stage has driven changes in the output stage as well to take full advantage of this enhancement.

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**Control** - 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.

Newly designed tone and volume control circuitry increases range and precision in both circuits.

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The industrial design has also been updated with the signature copper elements being reshaped to better match the [Momentum M400](#) and [S250 amplifiers](#). The [Momentum HD Preamplifier](#) will be available in silver or black.

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## Customer Upgrades

The [Momentum HD Preamplifier](#) will begin shipping in March, 2019. Existing Momentum Preamplifier owners will be able to upgrade to the new [Momentum HD Preamplifier](#) electronic upgrades. Upgrades include electronic enhancements only - Customers' original metal work will be retained.

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**Dan D'Agostino Master Audio Systems  
LLC**