

*A Bold New Concept*



# MOMENTUM C2

*Preamplifier*

Its name, Concept 2, underscores the magnitude of advancement beyond its predecessor, the acclaimed Momentum HD. Featuring complementary four-circuit topology inspired by the flagship Relentless Preamplifier, other innovations—from input stage to power supply, plus an available Digital Streaming Module—put the Momentum C2 Preamplifier in a class by itself.

DAN  
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# The Momentum C2 Preamplifier

## Unveiling Complementary Four-Circuit Topology

At the heart of the Momentum C2 Preamplifier lies Dan D'Agostino's revolutionary complementary four-circuit topology. This unique input stage circuitry sets a new standard for performance and precision, delivering unparalleled clarity and fidelity to the audio experience. Utmost attention to design detail ensures optimal mechanical and electrical isolation, guaranteeing pristine signal integrity throughout the critical preamplification stage.

## Unrivalled Audio Circuitry

Building on the legacy of the Momentum HD Preamplifier, the Momentum C2 topology utilizes an array of four JFET transistors in a complementary, differential, push-pull arrangement, dramatically increasing input impedance and reducing noise. Its unique, discrete dual-complementary differential JFET input stage achieves exceptional performance and stability in every system configuration.

For less-than-audiophile-grade recordings, transformative tone-control circuitry remains entirely transparent in its operation, ensuring zero impact on the signal path when inactive. Concealed behind a discreet door on the front panel, a headphone jack featuring independent amplifier circuitry opens the world of private listening at the most refined level.

## Unmatched Power Supply

The enhanced dynamics and power delivery of the Momentum C2 Preamplifier are a product of an advanced power supply, housed in a separate chassis for maximum isolation, and powering the audio chassis through a 20-amp interlocking connector. The power supply features individual custom toroidal transformers dedicated to analog and digital circuitry, respectively, with internal circuitry addressing RF noise and powerline irregularities.

## Digital Streaming Module (DSM)

The Momentum C2 Preamplifier offers an optional DSM that adds connectivity for legacy sources, USB functionality, and premier streaming capability. Field upgradeable, the DSM adds SPDIF coaxial, optical, USB-B, RJ45, and Wi-Fi network inputs. For latency-free playback of high-resolution network content, 10/100/1000 Gigabit Ethernet is supported.

Tailored iOS apps facilitate effortless control of music collections, streaming content, and unit functions. Native integration with subscription streaming services like Tidal, Qobuz, and Spotify is supported within the app, with additional compatibility for Tidal Connect. Furthermore, with appropriately encoded files, standard MQA decoding is enabled. For users who prefer alternative music management, Roon Ready certification will also be available.

Capable of handling today's highest resolution sources, the DSM natively decodes PCM signals up to 32 bit/384 kHz and DSD signals up to DSD256 (11.2 MHz). Often overlooked or downplayed, the analog section of a DAC significantly impacts the final sonic performance of digital music. Internal balanced connections carry the final analog signal directly to the input circuitry. From here, the analog music signal takes advantage of the entire power and analog circuitry within the Momentum C2 Preamplifier.

## Advanced Control

Created with precision and elegance in mind, the Momentum C2 Preamplifier expresses a sleek and sophisticated design. The included bi-directional remote control, housed in precision-machined aluminum and Delrin®, offers intuitive control over unit functions and settings. With its ergonomic design and LCD screen, the remote provides a seamless user experience, mirroring information from the preamplifier's front panel display.

**Coupling innovative circuitry with unparalleled design, the Momentum C2 Preamplifier becomes the centerpiece of the most ambitious music systems.**



Frequency Response	0.1 Hz to 1 MHz, -1 dB / 20 Hz to 20 kHz, ±0 dB
Signal-to-Noise Ratio	105 dB, unweighted
Gain	+10 dB
Input Impedance	1 MΩ
Output Impedance	.05 Ω
Distortion (full output)	<0.002%, 20 Hz to 20 kHz
Analog Inputs	3 pr balanced XLR stereo; 1 pr unbalanced RCA stereo
Digital Inputs	Optional Digital Streaming Module (DSM): 1 ea SPDIF coaxial; optical; USB-B; RJ45; Wi-Fi
Outputs	2 pr balanced XLR stereo; ¼-inch headphone
Dimensions	17.0 x 8.9 x 15.2 in / 43.2 x 22.6 x 38.6 cm (w x h x d)
Weight	73.0 lb / 33.1 kg
Finish	Silver / Black