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Channel D Introduces New Ultra Wide Bandwidth **Seta® Plus** Phono Preamplifier and **Seta® DAC Buffer** Products at RMAF 2012

Lambertville, NJ—October 10, 2012—[Channel D](#), developers of the innovative Pure Vinyl™ and Pure Music® audio software for Apple Macintosh computers and the creator of the Seta® Ultra Wide Bandwidth Balanced Flat Phono Preamplifiers will introduce their new **Seta Plus** Phono Preamplifier and **Seta DAC Buffer** products at the **2012 Rocky Mountain Audio Fest**, October 12-14, in **Exhibit Room 482**.



The new **Seta Plus** Phono Preamplifier represents the continued evolution of Channel D's ground-breaking ultra wide bandwidth Seta "flat" phono preamplifier. The Seta Plus includes an updated, ultra low impedance, low noise rechargeable internal AGM battery power supply based on the original Seta phono preamplifier design, delivering superb transparency, detail and three-dimensionality for vinyl playback, a key benefit of the Seta's ultra wide bandwidth battery powered design.

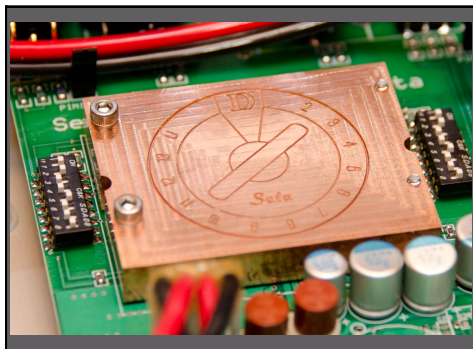
The Seta Plus' ultra low impedance battery power supply, capable of delivering an astonishing 100 amperes for several seconds (increased from 50 amperes in the original Seta), effectively acts as a "black hole" for noise. A signal detector automatically disconnects the charging supply, galvanically isolating the preamplifier and permitting continuous operation from the battery for up to 48 hours. Recharging is automatic upon stylus lift (with an ample 20 minute interval after a no-input-signal condition) or battery exhaustion.

The Seta Plus includes all of the features found in the original Seta phono stage, including DC - 5 MHz (-3 dB, Model L) signal bandwidth, less than 0.001% distortion (10 Hz - 40 kHz, Model L), balanced inputs and outputs (plus single ended inputs) with a fully differential, low noise circuit topology, adjustable cartridge

loading, front panel adjustable gain, and a unique, 2 dB channel balance trim control. An optional, internal high performance analog RIAA compensation module also is available (with simultaneous, independent balanced and true single ended outputs). A high quality, wide bandwidth headphone output option is a new feature of the Seta Plus. The Seta Plus is housed in a newly designed CNC-milled 8 mm thick aluminum chassis with a beautiful pearlescent natural anodized finish.



The new **Seta DAC Buffer** solves a critical problem with today's Computer Audio that occurs when driving power amplifiers directly with the output of a DAC: setting the proper system gain structure. The Seta DAC Buffer provides a sonically transparent, analog way of adjusting the attenuation of any DAC's output (in 6 dB steps from -6 to -30 dB), permitting using the DAC or computer playback software's digital volume control in its optimum sweet spot (-10 to 0 dBFS). The Seta DAC Buffer also includes the same low noise, low impedance AGM battery power supply of the Seta phono preamplifier.



The Seta DAC Buffer uses a unique video - bandwidth amplifier module which is electronically and acoustically isolated as well as kept at a stable operating temperature and environment (constant humidity) by enclosing and sealing in a block machined from a solid piece of oxygen-free high conductivity copper.

Unlike passive signal attenuators which would be used for a similar purpose, the high (2 megohm) input impedance of the DAC Buffer insures that electronic loading of the DAC's output is kept to a minimum, while providing a sonically transparent, ultra wide bandwidth (DC - 12 MHz, -3 dB) and low (20 ohms) output impedance for driving any power amplifier load or long interconnect run without adding noise or distortion. The net effect is one of stunningly deeper, more well controlled bass with greater impact plus lower listening fatigue and improved ease of presentation over the entire audio frequency range.

Robert Robinson, Channel D's Director of Engineering, said, "the new Seta Plus phono preamplifier leverages our position of having extensive expertise in both audio software and audio hardware design, to offer unsurpassed, end-to-end solutions linking analog and high resolution digital music reproduction. The optional RIAA analog output module of the Seta Plus provides top-notch vinyl reproduction for audiophiles insisting on an all-analog playback chain, while also providing the opportunity to integrate vinyl into a digital playback system, encompassing the best of the analog and digital worlds. And the Seta DAC Buffer solves a critical signal quality bottleneck problem for audiophiles who wish to connect their computer audio playback systems directly to their power amplifiers for a minimum signal path approach, while enjoying the convenience and performance of a digital volume control without compromising the sound quality."

The **Seta Plus** phono preamplifier will retail for \$5399 in L model trim for low output moving coil cartridges or H model trim for moving magnet cartridges and will be available starting November 1, 2012.

The optional Seta RCM wide bandwidth low distortion close tolerance internal RIAA correction module is \$999, providing simultaneous RIAA - corrected analog outputs (balanced and true single ended) in addition to the "flat" balanced outputs of the base model, plus a selectable 10 Hz subsonic filter.

The optional headphone output amplifier is available for \$299 and requires the RCM option.

The original Seta Model L and Model H phono preamplifiers remain available, at a price of \$3799, and also offer the optional Seta RCM analog RIAA compensation module at \$999.

The **Seta DAC Buffer** will retail for \$2799 and will be available starting November 1, 2012.

About [Channel D](#)

Channel D has created and delivered popular and innovative audio software solutions for Apple Macintosh computers since 1997, when they introduced the acclaimed Mac the Scope audio signal analyzer software. For the past several years, Channel D has focused on innovative products for professional audio analysis and audio enthusiasts, including Waavebox (audio signal generator), AudioLeak Professional (audio loudness equivalent level analyzer), the award winning Pure Vinyl, released in 2006, and the widely acclaimed and award winning Pure Music, introduced in 2010. Channel D's Seta (Italian for silk) phono preamplifier product line (which includes a Class A rating by Stereophile) provides a solid anchor point for Channel D's end-to-end product strategy, linking analog vinyl playback with high resolution digital audio. Dr. Robert Robinson, founder of and principal product designer at Channel D, formerly was a research scientist and project manager at Bell Communications Research (originally part of AT&T Bell Laboratories) in New Jersey.