

# bel canto

## Get Closer... to the Experience

### For Immediate Release

Minneapolis MN • September 24th, 2008 • Bel Canto Design, Ltd., manufacturers of analog and digital source components and amplifiers announces three additions to their line of switching audio power amplifiers, the e.One series REF1000 MKII, REF500, and S500.

Bel Canto music products merge artfully with your lifestyle, your music, and your audiophile passions. They're compact, sleek and hip enough to flatter any room. Designer John Stronczer uses less power to do more with elegant, efficient designs that always get you closer... to the experience.

Company Director Michael McCormick enthuses, "These new products are simply outstanding. They're discreet but powerful and refined sounding featuring low energy consumption and Green build technology. When you feel the urge to splurge on music Bel Canto systems will get you closer to the experience every time. You'll feel as engaged with music during dinner as afterwards when you find hidden expression in familiar recordings and explore the new."

e.One series amplifiers feature carefully-developed performance-enhancing analog switching amplifier technology.

- Fully-balanced input stage yields high common mode noise rejection and wide dynamic range. Optimizing internal impedances improves amplifier drive for even lower noise and distortion. Measurements reveal a full 6dB improvement in signal-to-noise ratio when driving the output amplifier section with low-impedance loads.
- The input stage uses the latest top-quality parts including Caddock resistors, Solid Electrolytic ultra-low ESR decoupling capacitors, and low-noise regulated power supplies, ensuring the input section is utterly transparent.
- The highest spec REF1000 MKII and the REF500 mono amplifiers are fitted with custom power supply rectification and filters that substantially increase the power supply's energy storage. They're manufactured with carefully selected high-speed, low-noise rectifiers, high-voltage film filter capacitors and high energy storage capacity. What this means for you is lower noise and reduced sensitivity to power line effects.
- All Bel Canto e.One amplifiers are gain matched for easy system building and multi-channel or vertical bi-amplification applications.

**MSRP: S500 • \$2995**  
**Available: Now!**

**REF500: \$4990/pr**

**REF1000 MKII: \$5990/pr**

### **REF1000 MKII Mono Amplifier Specifications**

Power Output	>1000W into 4 ohms, >500W into 8
Minimum Load	2 ohms
Frequency Response	+/-0.5dB 20Hz-20KHz, all loads
THD+N	0.007% 1W, 1KHz, 4 ohms
IMD (CCIF)	0.0007%, 1W, 14:15KHz, 4 ohms
Output noise	90uVRMS A-weighted 10Hz-20KHz
Voltage gain	27dB (single ended or balanced input)
Damping factor	>1000
Output Impedance at 100Hz	<8 milliohms
Dynamic Range	120dB
Input Voltage for Max Output	3Vrms
Input connections	Single-ended RCA or balanced XLR
RCA input impedance	100Kohms
Balanced input impedance	200Kohms
Output connections	1 set WBT 5-way safety binding posts
Standby Power	15W
Size	8.5x3.5x12[inches], 216x76x305[mm]
Weight	15lbs, 7Kg

### **REF500 Mono Amplifier Specifications**

Maximum Power Output	500W 4 ohms, 250W 8 ohms
Power Output 1% THD	450W 4 ohms, 225W 8 ohms
Minimum Load	3 ohms
Frequency Response	+/-3 dB 1.5Hz-70KHz, all loads
THD+N	0.003% 1W, 1KHz, 4 ohms
IMD (CCIF)	0.0003%, 1W, 14:15KHz, 4 ohms
Output noise	35uVRMS A-weighted 10Hz-20KHz
Voltage gain	27dB (single ended or balanced input)
Damping factor	>1000
Output Impedance at 100Hz	<8 milliohms
Dynamic Range	121dB
Input Voltage for Max Output	2Vrms
Input connections	Single-ended RCA or balanced XLR
RCA input impedance	100Kohms
Balanced input impedance	200Kohms
Output connections	1 set WBT 5-way safety binding posts
Standby Power	10W
Size	8.5x3.5x12[inches], 216x76x305[mm]
Weight	15lbs, 7Kg

## **S500 Dual Mono Amplifier Specifications**

Maximum Power Output	500W 4 ohms, 250W 8 ohms
Power Output 1% THD	370W 4 ohms, 200W 8 ohms
Minimum Load	3 ohms
Frequency Response	+/-3 dB 1.5Hz-70KHz, all loads
THD+N	0.003% 1W, 1KHz, 4 ohms
IMD (CCIF)	0.0003%, 1W, 14:15KHz, 4 ohms
Output noise	35uVRMS A-weighted 10Hz-20KHz
Voltage gain	27dB (single ended or balanced input)
Damping factor	>1000
Output Impedance at 100Hz	<8 milliohms
Dynamic Range	121dB
Input Voltage for Max Output	2Vrms
Input connections	Single-ended RCA or balanced XLR
RCA input impedance	100Kohms
Balanced input impedance	200Kohms
Output connections	2 sets WBT 5-way safety binding posts
Standby Power	19W
Size	8.5x3.5x12[inches], 216x76x305[mm]
Weight	15lbs, 7Kg

For enthusiast customers who already own the REF1000 monoblocks, Bel Canto will upgrade your first-generation REF1000 to MKII specification for the difference in price: \$2,000/pair at the factory or through your local authorized Bel Canto Dealer.

Bel Canto Design has developed award-winning products for more than 15 years via the highest standards of design, engineering and production practices. Included in the Bel Canto line are a series of CD players, DACs, integrated amps, mono and two-channel amplifiers, plus the e.One Pre3 stereo analog preamp with balanced I/O and the PHONO3 featuring adjustable cartridge loading.

# Bel Canto

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