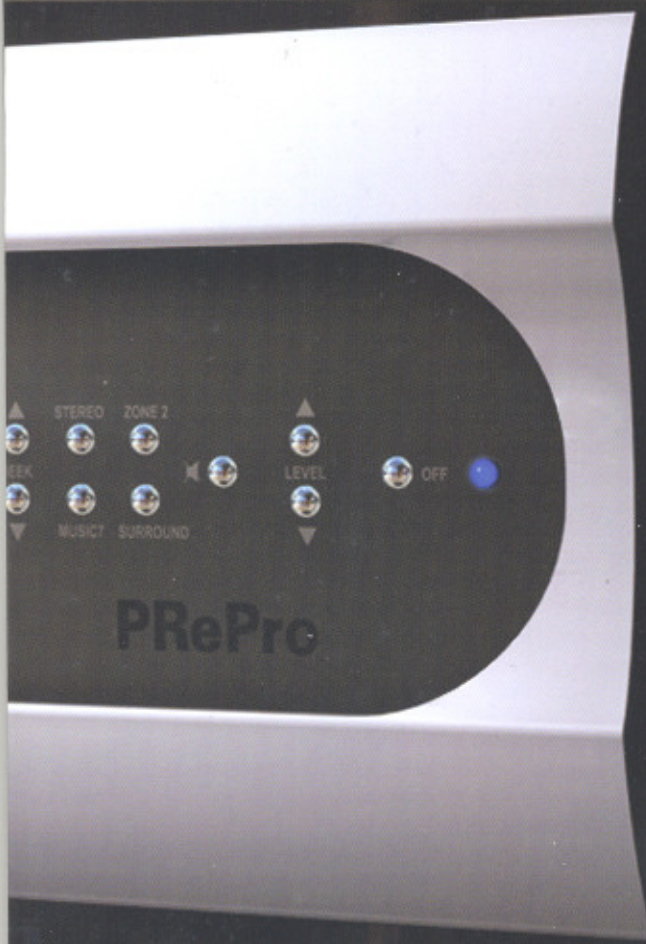


bel canto

Cinema & Sound

Extraordinary clarity
from eVolutionary vision





PRePro™
Home Theater
Preamp/Processor

Player™
Multi-format Audio/Video Player

PRe6™
Multi-channel Preamp/Processor

eVo2i™
Digital 2-channel Integrated
Amplifier

eVo2™
Digital 2-channel Amplifier

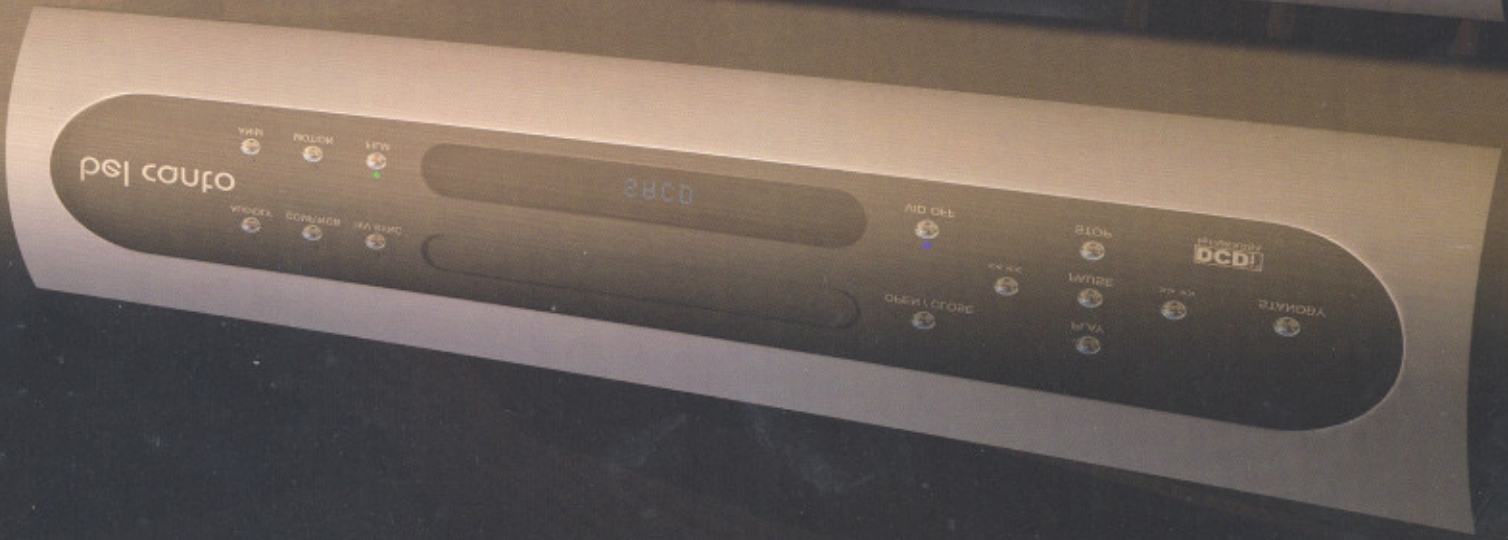
eVo4™
Digital 4-channel Amplifier

eVo6™
Digital 6-channel Amplifier

DAC2™
Upsampling D/A Converter

PHONO1™
Phono Stage





Inspired by glowing accolades from reviewers and enthusiasts alike, Bel Canto built its reputation by combining the finest components, craftsmanship and engineering to create truly remarkable high fidelity audio and video components.



Bel Canto product innovations have consistently raised expectations among those serious about audio and video performance. From our prestigious Diapason D'or Award-winning high-power SET amplifier to the industry-first jitter-reducing FIFO DAC and our critically acclaimed eVo™ digital amplifier technology, we continue to explore audio and video product innovation. Everything we've learned over the years goes into everything we build today.

We hope you continue to regard our standard of innovation and musicality as an important part of your pursuit and enjoyment of accurate audio and video reproduction.



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PReProTM Home Theater Preamp/Processor: Intuitive Control.

Engineered for total control of all your audio and video sources, the Bel Canto PRePro offers a new measure of home theater preamp/processor performance. The PRePro provides true broadcast-quality video switching. With component bandwidths of 250 MHz and composite and S-Video bandwidths of 130 MHz, the PRePro provides high video bandwidth for all video sources.

Sonically, the PRePro is optimized to supply our acclaimed "A-Rated" eVo amplifiers with a digital dynamic range worthy of their extraordinary performance capability. The PRePro can process and direct Dolby Digital EX/ Pro Logic 2/ DTS-ES/6.1 Matrix, DVD-A, MLP and 7.1 Matrix.

You can expect continued satisfaction – whatever the format – thanks to the upgradeable DSP/DAC module.

Five Toslink, four coaxial digital inputs, three component video inputs, one component video output, a 7.1 analog throughput, and eight balanced XLR outputs make up an I/O flexible enough for virtually any installation.

Setup is simple. A full color TFT display enables direct access to intuitive programming menus. Each input and IR function is enhanced with discrete coding to ensure system control compatibility in any environment. Teamed with Crestron and AMX control systems, the RS 232 port, 12-Volt triggers and IR inputs

maximize and extend control to a dedicated second zone with access to incorporated AM/FM tuner and video inputs.

Unsurpassed video bandwidth, state-of-the-art architecture and intuitive ease of use make the Bel Canto PRePro a home theater solution more than ready for the full potential of HDTV.

The PRePro is the first product of its kind that lets you hear and see what the artist intended.

Continuing the Bel Canto tradition with digital dynamic range of 122 dB with eight differential 24bit/192 kHz DACs, an A-weighted S/N ratio of 114dB, as well as a pure path 7.1 throughput with analog LFE, the PRePro is truly worthy to wear the Bel Canto name.



Player™ Multi-Format Player: The One-Player Solution for CD, DVD, DVD-A, MP3 and SACD.

An all-in-one solution for both audiophiles and videophiles, the Bel Canto Player Multi-Format digital source offers an extraordinary combination of flexibility, performance and ease of use. One player lets you enjoy it all – in any format – CD, DVD, DVD-A, MP3 and true SACD. Bel Canto's proprietary analog output architecture provides uncompromising audio integrity from the finest two-channel, multi-channel and video sources. A "video off" switch reduces video crosstalk when playing audio-only formats.

Both audio and video architectures have isolated power supplies with 16 power regulation sections. Multiple independent low-jitter clocks and 108 MHz/12-bit video DACs using proprietary video filtering provide a level of performance that is simply stunning.

The Player offers 480p progressive scan and incorporates fully implemented Faroudja™ DCDi de-interlacing technology for outstanding color and picture quality. The Player gives you direct access and control of Faroudja options for component and RGB video

output, sync on green, H/V sync, audio delay synchronization, adaptive motion control along with a choice of animation or film modes. All these options can be easily accessed from the front panel as opposed to navigating multiple on-screen menus.

With RS-232 control and rear IR input connectors, RCA, BNC and balanced AES/EBU DVD-V and CD digital outputs and an optional SDI serial digital interface, the Player can easily become the centerpiece of your home theater experience.



Quiet, Controlled Power.

With a large analog power supply and multi-stage power filtering for optimal rejection of electro-magnetic interference (EMI) and radio frequency interference (RFI), eVo modules receive quiet, controlled, dynamic power.

Loudspeaker Friendly.

Low output impedance combined with high-voltage and high-current capability to drive loudspeakers, even designs that present difficult loads, with great musical faithfulness and control.

CE Approved.

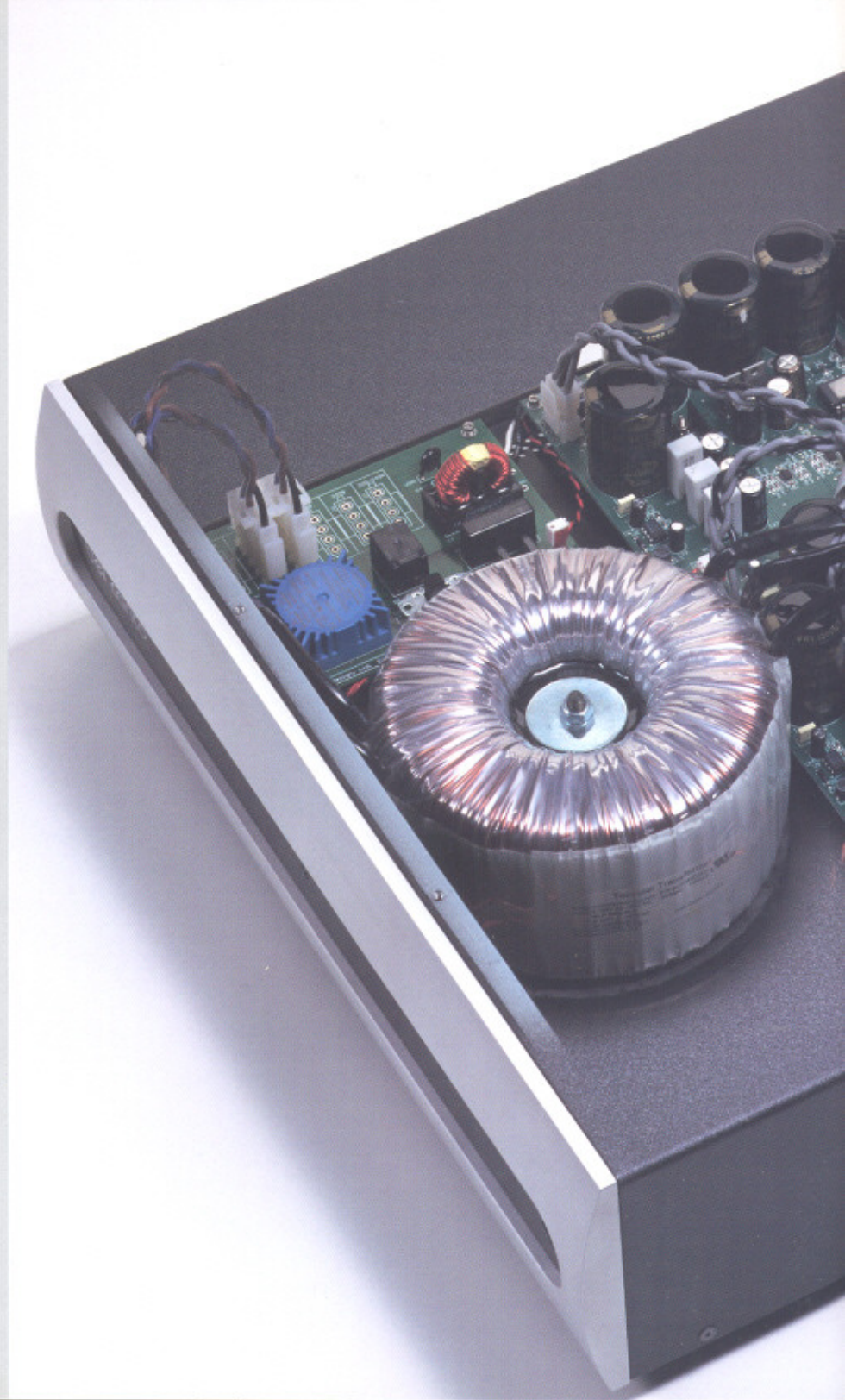
The switches, connectors, operation and design of the eVo meet CE requirements.

Digital Signal Processing.

The heart of the eVo amplifier is its digital processor. The most advanced way to insure your sonic investment is to compare and correct any anomalies in the output signal through sophisticated digital processing. The eVo amplifiers have none of the musically destructive inhereencies of analog controlled "class D" designs or the thermal distortions or crossover distortions of traditional, hotter running amps.

True Balanced Operation in Mono Mode.

By running the channels in "anti-phase" the eVo module may become, at the push of a button, a true balanced mono-block design with all the benefits of big power and lower distortion.





eVo™ Digital Architecture

Optimized signal paths enabled by eVo's cool running design.

Common amplifier designs resort to compromised signal paths in an attempt to deal with scorching internal temperatures that cause parts to change their value, or "drift," from their intended specification. The eVo is free from these limitations, employing true star grounding, optimized paths and excellent shielding in a quiet compact design.

Efficient design does not require large heat sinks.

Big heat sinks mean BIG waste. The eVo is over 90% efficient so your supply power is turning into music instead of heat, saving space and money.

Optimized local feedback.

6000V/Microsecond internal slew rate allows the local feedback to preserve the original without robbing it of "life".

Highest quality N-channel MOSFET switching devices.

These 34-ampere devices enable the eVo amplifier to achieve its critically acclaimed musicality. With the ability to switch in 30 billionths of a second, these devices allow the core processor to do its job and make sure the loudspeakers do theirs.

eVo™ Amplification: The New Standard in Modern Amplification.

Bel Canto eVo digital amplifiers have proven themselves worthy successors to the award-winning Bel Canto SET designs, receiving overwhelming critical acclaim from industry experts, reviewers and enthusiasts. Delivering a natural, open and extended sound quality, eVo amplifiers represent the evolution toward a new standard in modern amplification.

Bel Canto eVo technology transcends older amplifier design in both efficiency and sonic quality. eVo digital technology eliminates large signal analog errors and crossover distortion mechanisms that have fundamentally restricted traditional linear power amplifiers. With a robust power supply and output stage efficiencies greater than 90%, eVo digital amplifiers handle dynamics with high linearity. The result is sonic superiority and the ability to drive complex loads with outstanding energy efficiency.

The Bel Canto **eVo2** improves upon the award-winning eVo 200.2 architecture with a new look, reflecting its smooth, musically transparent nature and superior craftsmanship. With increased power reserves and improved supply regulation, the eVo2 easily lives up to its 2x120 watt rating – and delivers up to an incredible 1x700 watts into 4 ohms. The eVo2 marks an extraordinary step forward in amplification technology with its combination of efficiency, power and sonic quality.

Designed for high-power and balanced output – with two eVo modules – the Bel Canto **eVo4** is fully capable of driving systems to extreme levels. The eVo4 can be configured for vertical and horizontal bi-amping, multi-channel, or as a high-powered, balanced differential stereo amplifier. In an age of expanding speaker and processing options, the eVo4 is an amplification design whose time has truly come.

Combining three eVo modules and six channels of state-of-the-art eVo amplification, the Bel Canto **eVo6** lets you configure outputs to drive three to six channels. eVo technology gives you the capability to combine stereo channels into a single, high-powered balanced output, optimizing performance and providing the highest level of system flexibility. Alone or teamed with the eVo2, or eVo4, the eVo6 becomes an integral part of the ultimate multi-channel, multi-zone system.





eVo™ 2i **Integrated Amplification: The most efficient and transparent path.**

The Bel Canto eVo2i defines a new ideal for digital integrated amplification.

Optimized signal path architecture and the efficiency of eVo technology creates a precisely controlled environment that preserves and transfers the small signal information that brings music to life –

with greater than 90% efficiency. eVo technology produces minimal heat, eliminating thermal degradation of the pre-amplifier components due to high temperature exposure.

Eliminating the complexity of component matching and cabling, the eVo2i is the definition of simplicity and performance for the audio enthusiast who demands a transparent and musically faithful path to the original performance.



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PRe6 44
DAC 2

PRe6™ PRe-amplifier: Multi-channel sound with a two-channel soul.

The essence of the Bel Canto PRe6 is a classic stereo high fidelity pre-amplifier – built on a flexible, forward-thinking platform ready for the latest multi-channel formats. The PRe6 is a multi-channel analog control pre-amplifier with the flexibility and transparency to bridge the gap between fidelity and theater systems.

The PRe6 gives you the convenience of optimizing your system configuration by utilizing processing present in select DVD, DVD-Audio and SACD source components – without adding additional digital signal processing. With 12 input pairs, the PRe6 provides eight

configurable analog outputs with level control in two zones. The PRe6 also gives you the ability to easily control bi or tri-amplified loudspeakers. With the PRe6 you can preserve true stereo fidelity in a multi-channel world.



Faithfulness: To all aspects of signal origination, transmission and transduction.

Essential components for any system, the Bel Canto DAC2 and PHONO1 epitomize our philosophy and have earned exemplary status among music enthusiasts around the world.

DAC2TM

The Bel Canto DAC2 continues to capture even the smallest musical nuance. True 24-bit/192 kHz up sampling – further improved with Bel Canto enhanced zero-jitter – SPDIF interface and analog and digital PLL architecture all contribute to our goal of improving the digital to analog relationship.



PHONO1TM

Engineered to preserve the entire signal, The Bel Canto PHONO1 delivers stunning musicality. With highly regulated ultra-quiet power, and multiple gain settings for MM and MC cartridges, the PHONO1 is essential for high quality analog reproduction.



Specifications

PrePro™

Audio/Video Section

Input Level	.....	200 mVrms
Output Level (Pre-amp)	.....	3.5 Vrms
Input Impedance	.....	15K ohms
Total Harmonic Distortion	.....	Less than 0.003 %
Frequency Response		
Stereo Bypass mode	.....	20 Hz to 20 kHz (± 0.5 dB)
Processed Channels	.....	Meets or exceeds the requirements of Dolby® Digital and Dolby® Pro-Logic 2 DTS, DTS ES
Signal-to-Noise Ratio	.....	>105 dB CCIR-ARM
Digital Inputs	.....	4 coaxial and 5 Toslink optical
Analog Inputs and Video Inputs	.....	Analog AM/FM, CD, TAPE, AUX, 7 Audio/Video 2 with S-Video and 3 250 mhz Component, 5 with Composite and S-Video
Second Zone Select	.....	Zone 2 AUX, AM/FM, Tape, CD
Outputs	.....	2 x Eight-Channel Audio (Left, right, surround left, surround right, center, back left, back right, subwoofer), 2 Composite Video, 1 S-Video, 1 component video
Record outputs	.....	2 audio, 2 video, 2 S-Video and 2 digital audio
Second Zone Outputs	.....	1 Fixed and 1 Variable Audio

TUNER SECTION

	FM	AM
Range	..... 87.5 - 108.1 MHz	..... 520 - 1720 kHz
Usable Sensitivity	..... 11.3 dBf @ 30 dB S/N (1.0 µV/75 ohm)	..... 10 µV @ 20 dB S/N
50 dB Quieting Sensitivity	..... 37 dBf Stereo (20 µV/75 ohm)	.....
Capture Ratio	..... < 1.6 dB	.....
AM Rejection	..... 60 dB	.....
THD at 1 kHz	..... 0.1 % (Stereo)	..... 0.5 %
I.F. Rejection	..... 90 dB	..... 35 dB
Image Rejection	..... 80 dB	..... 45 dB
Selectivity	..... 58 dB	..... 30 dB
S/N Ratio	..... 74 dB (Stereo)	..... 45 dB
Stereo Separation (at 1 kHz)	..... 45 dB	.....

General Specifications

Weight (lb / kg)	.....	29 lb./13 kg.
Dimensions - inches WxDxH	.....	17.5" x 12.5" x 7.5"
Dimensions - mm WxDxH	.....	44.5cm (W) x 31.75cm (D) x 19cm (H)

Player™

Video Specifications

Video Outputs	.....	2 Composite RCA, 2 S-Video, 1 Component, 1-15 pin VGA 480p, 1 Optional Serial Digital Interface BNC output
DCD processing	.....	Film, Animation, H/V Sync, Sync on Green, Audio Delay Synchronization, Adaptive Motion Control
Component Video Outputs	.....	Y: 1.0Vp-p (75 ohms) Pb, Pr: 0.7Vp-p (75 ohms)
S-Video Outputs	.....	Y (luminance): 1 Vp-p (75 ohms) C (color): 286 mVp-p (75 ohms)
Composite Outputs	.....	1 Vp-p (75 ohms)

Audio Specifications

PCM Digital Audio Outputs	.....	2 SPDIF, 1-RCA, 1-BNC, 1-AES/EBU, 1 Toslink Optical
Optional Proprietary Digital output	.....	High Resolution DVD-A and SACD audio sources
Analog Audio Outputs	.....	6-RCA 2Vrms, Output Impedance 10 Ohms, THD+N <0.001%, SNR 118 dB, 3 dB Frequency Response (DSD or DVD-A 24/192): 1Hz-96 KHz
Audio Processing	.....	Dolby Digital/DTS
Control Ports	.....	1-RS232, 1-IR input
Dimensions - inches WxDxH	.....	17.5in (W) x 14.5in (D) x 4.5in (H)
Dimensions - mm WxDxH	.....	44.5cm (W) x 37cm (D) x 11.5cm (H)
Weight:	.....	24lbs (11Kg)

*Features and Specifications are subject to improvements and changes without prior notice.

Specifications

PRE6 Pre-amplifier

Bandwidth Into > 600 Ohms	0 Hz – 200KHz
S/N ratio re 2 Volt Out	>100dB A weighted, 20 – 20KHz
Distortion at 2 Volt rms Out	<0.003%
Input overload	12 Volts rms
Output Impedance	10 Ohms
Input Impedance	10K ohms Single-ended/20K ohms Balanced
Maximum Output Level	10Vrms Single-ended/20Vrms Balanced
Gain Max	16dB
Idle Power Draw	15 Watts
Dimensions - inches WxDxH	17.5in (W) x 14.5in (D) x 4.5in (H)
Dimensions - mm WxDxH	44.5cm (W) x 37cm (D) x 11.5cm (H)
Weight	24lbs (11Kg)

eVo SERIES	eVo2i	eVo2		eVo4		eVo6	
Output power	Stereo	2 Ch.	1 Ch.	4 Ch.	2 Ch.	6 Ch.	3 Ch.
@ 8 Ohms	120 W	120 W	400 W	120 W	400 W	120 W	360 W
@ 4 Ohms	200 W	240 W	700 W	240 W	600 W	240 W	600 W
Gain	16dB Preamp. section, 23dB Amp. section	23dB	29dB	23dB	29dB	23dB	29dB
Bandwidth	1Hz-80KHz -3dB	1Hz-80KHz -3dB		1Hz-80KHz -3dB		1Hz-80KHz -3dB	
THD and Noise	< 0.05% THD at 1WRMS	< 0.05% THD at 1WRMS		< 0.05% THD at 1WRMS		< 0.05% THD at 1WRMS	
Damping Factor	>100, below 100Hz	>100, below 100Hz		>100, below 100Hz		>100, below 100Hz	
Input Impedance	10k/20k Bal	100k/200k Bal		100k/200k Bal		100k/200k Bal	
Inputs	1 pr. balanced XLR & 4 pr. RCA's	XLR & RCA		XLR & RCA		XLR & RCA	
Volume Control	100 dB 0.5 dB steps	N/A		N/A		N/A	
Volume Control Resolution	0.5dB +/- 0.05 dB over entire range	N/A		N/A		N/A	
Outputs	1 Pair 5-Way Binding post/channel, 1 tape out, 1 Line Out	2 pr. 5-Way		4 pr. 5-Way		6 pr. 5-Way	
Idle Power Draw	20 Watts	15 Watts		30 Watts		45 Watts	
Dimensions - inches WxDxH	17.5in x 14.5in x 4.5in	17.5in x 14.5in x 4.5in		17.5in x 18.5in x 4.5in		17.5in x 18.5in x 4.5in	
Dimensions - mm WxDxH	44.5cm x 37cm x 11.5cm	44.5cm x 37cm x 11.5cm		44.5cm x 47cm x 11.5cm		44.5cm x 47cm x 11.5cm	
Weight	36lbs (16Kg)	36lbs (14.5Kg)		40lbs (18Kg)		42lbs (19Kg)	

DAC2

Digital inputs	RCA type Coax and Toslink
Analog outputs	Single ended RCA
Output Level	2Vrms
Dynamic Range	117dB
Input Sample Rate	192kHz
Distortion	< .0025%
Power Requirements	115/230 VAC; 50-60 Hz 10 watts
Dimensions	3.5 by 3.5 by 9.50
Weight	3.5 lbs.

PHONO1

RIAA accuracy Into >20K Ohms	20 Hz-20 kHz +/- 0.25 dB
Signal to Noise Ratio	> 75 dB A weighted MM
Distortion at 3 Volts RMS out	<0.01%
Input configuration and impedance	Adjustable /MC, 50 Kohms/MM
Output Options	1 Pair RCA
Output Impedance	50 ohms
Maximum Output Level	5Vrms
1 kHz Gain	40, 54 or 60 dB
Power Requirements	115/230 VAC; 50-60 Hz 10 watts
Dimensions	3.6 x 3.6 x 9 inches
Weight	3.5 lbs

Because we are driven to design the best possible components, Bel Canto reserves the right to change or modify product specifications without notice or obligation.

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Learn all about sound, visit:
www.belcantodesign.com

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**1998 Diapason
d'or:
SET140**

SoundStage!

**2001 Reviewer's
Choice: eVo200.2
Innovation In
Design**

SoundStage Network

**Reviewers'
CHOICE**

**2001/2002
Reviewer's Choice:
eVo200.2, eVo4,
eVo6**

stereophile

**2001 Editor's Choice
eVo 200.2
Stereophile Class A
Recommended
Component**



**2003 Innovations
International CES Award
for Excellence in Design
and Engineering —
PRPro™**