

Audio Power Amplification

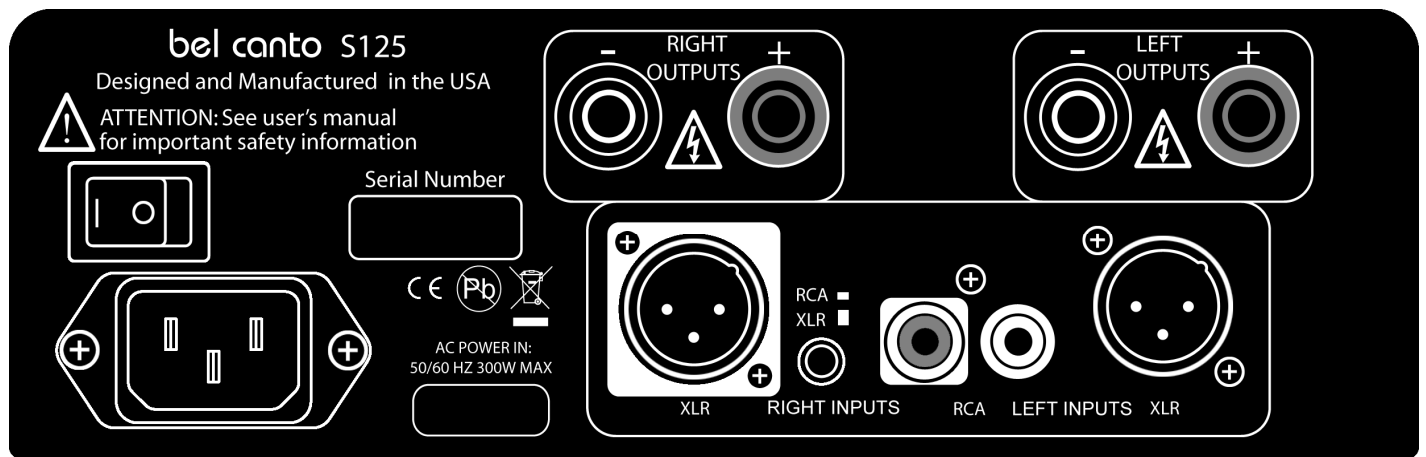
The S125 brings amazing accuracy and detail to high performance entry level audio amplification. With 65 watts into 8 ohms and 130 into 4 ohms, and a remarkable 117 dB dynamic range, the S125 redefines expectations. Our custom input circuitry and care given to all aspects of the design ensure that the S125 is an amplifier that everyone can enjoy.



Bel Canto's e.One switching amplification imparts many advantages including low noise, low heat and low power consumption. It's also the most direct way to convert electrical power into music. The entire music signal is delivered to the loudspeaker efficiently without excess energy wasted as heat. The compact, heavy gauge, all-steel chassis prevents micro-phonic noise from corrupting the audio signal ensuring you experience the most accurate sound that brings music to life.

The input stage uses quality amplifiers and passive components including: Custom Precision 0.1% resistors, Solid Electrolytic ultra-low ESR decoupling capacitors and low noise regulated power supplies. The elegant switching output stage eliminates thermal distortion mechanisms caused by changes in operating temperature. The combination of Bel Canto's input and output circuitry ensures you'll experience breathtaking truth in signal amplification that is life-like in its dynamic detail and resolution.

The compact stereo design of the S125 allows versatile system building. When combined with one of our new DAC products a complete electronics package use less than 15 watts and take up no more space than a standard integrated amplifier while delivering performance expected from only the best separates. Bel Canto music products are fine instruments, discrete and sleek enough to flatter any room while delivering music with subtle impact and beauty.



Maximum Power Output:	125W 4 ohms, 65W 8 ohms per channel
Power Output 1% THD:	120W 4 ohms, 60W 8 ohms per channel
Minimum Load:	3 ohms per channel
Peak Output Current:	30 amperes
Frequency Response:	+/-3 dB 1.5Hz-90KHz, 4 ohm load
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:	117dB
Input Voltage for Max Output:	1.1Vrms
Input connections:	Single-ended RCA or balanced XLR
RCA input impedance:	100Kohms
Balanced input impedance:	200Kohms
Output connections:	2-sets of 4mm safety sockets (banana plug compatible)
Power On usage:	9.5W
Power Off usage:	0.0W
Internally Set Operating Voltages:	100-120VAC or 230-240VAC 50/60 Hz
Size:	8.5 x 3.5 x 12", 216 x 88 x 305mm (W x H x D)
Weight:	13lbs, 6.5Kg

Features and specifications are subject to improvements and changes without prior notice.

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