

## ***High Dynamic Range Audio Amplification***

*The REF150s brings remarkable sonic qualities to lower power amplification. The REF150s delivers 117dB dynamic range, 75 watts into 8 ohms and 150 watts into 4 ohms with power to drive a wide range of speakers. The combination of fully-regulated switch-mode power supplies and analog control circuitry brings incredible dynamic expression to your music.*



*REF150S Stereo Amplifier: Ideal for Compact Systems*

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 and brings music to life with extraordinary nuance and power.

The REF150s custom power input stage includes high speed, low noise rectifiers and large storage and filter capacitors that substantially increase energy storage, significantly lowering noise while reducing sensitivity to power line fluctuations. The custom input stage uses the latest advanced amplifiers and passive components including: Caddock resistors, Solid Electrolytic ultra-low ESR decoupling capacitors and low noise regulated power supplies. The combination of Bel Canto's input and power circuitry ensures the full dynamic expression in your music is experienced.

The compact REF150s stereo is the start of a compelling audio system. When combined with one of our DAC models a complete electronics package will 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. The elegant switching output stage eliminates thermal distortion mechanisms caused by changes in operating temperature. You'll experience breathtaking truth in signal amplification that is extremely dynamic, detailed and resolved.

Bel Canto music products are fine instruments that deliver music's subtle detail, impact and beauty. Green, low-heat, ultra-efficient heavily regulated switch-mode power supplies and switching output stage make possible Bel Canto's eco-friendly compact designs sleek enough to flatter any room; place two Bel Canto e.One products in the space formerly occupied by a large, hot-running, inefficient class-A design!



Maximum Power Output:	150W 4 ohms, 75W 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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