

The REF500S Stereo Amplifier has incredible power per square inch with two independent mono boards in a single chassis. Independent power supplies and isolated input signal filter technology reduces high power amplifier energy for a cleaner, transparent power.



The Bel Canto Impedance Optimized Input Stage is a balanced, high Common Mode Rejection, low output impedance driver that is critical to the amplifier's performance—ensuring that the refined dynamic qualities of the recording are preserved.

Custom Power Input AC/DC Filter and Energy Storage Stage

The Custom Power Input AC/DC Filter and Energy Storage Stage allows the amp module to operate in a better controlled environment, providing lower noise operation and better dynamic signal handling, making the amplifier sound 'bigger'—while conveying dynamic nuance more accurately.

WBT NextGen Speaker Connectors

The WBT NextGen connectors provide the best possible connection from the amplifier to the speaker cables. We choose them because they impart minimal sonic signature to the sound, remaining open and grain-free up throughout the audio frequency band.

MSRP \$2,595.00 *Call for special pricing on Demo & Pre-Owned.*

Black or Silver Faceplate

Size: 12.5 in x 8.5 in x 3.5 in (LxWxH)

Weight: 33.06 lbs (15 kg)

REF500S Stereo Amp Specifications

Amplifier Section:

Maximum Power Output:	500 W 4 ohms, 250 W 8 ohms
Per Channel Power Output:	1% THD:400 W 4 ohms, 200 W 8 ohms
Per Channel Minimum Load:	3 ohms per channel
Peak Output Current:	35 amperes per channel
Frequency Response:	+/-3 dB 1.5 Hz-70 KHz, all loads
THD+N:	0.003% 1 W, 1 KHz, 4 ohms
IMD (CCIF):	0.0003%, 1W, 14:15KHz, 4 ohms
Output Noise:	35 uV RMS A-weighted 10Hz-20KHz
Voltage Gain:	27 dB (single ended or balanced input)
Damping Factor:	>1000
Output Impedance at 100 Hz:	<8 milliohms
Dynamic Range:	121 dB

Input Specifications:

Input Voltage for Max Output:	2 Vrms
Input Connections:	Single-ended RCA or balanced XLR RCA
Input Impedance:	100K ohms
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RCA input impedance:	100 K Ohms
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Balanced input impedance:	200 K Ohms

General:

Output connections:	2-sets WBT Nextgen 5-way binding posts
Power On usage:	19 W
Power Off usage:	0.0 W
Internally Set Operating Voltages:	100-120 VAC or 230-240 VAC 50/60 Hz



For sales & service, contact Ultimate Audio AZ—your Authorized Bel Canto Dealer.

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