

MODEL 500

500W CLASS A/B AMPLIFIER



Power, Control, Performance, Authority and Value - the **Model 500** subwoofer amplifier has been designed to deliver it all. This 500W, A/B amplifier utilizes patented BASH® technology for high electrical efficiency and musical excellence.



Four independent controls provide the flexibility to integrate nearly all

subwoofers with the main speakers and the listening environment. The continuously-variable low pass filter adjusts from 40 – 120Hz and can be bypassed if an external filter or one in a receiver or processor is preferred. The continuously-variable phase circuit is adjusts from 0 to 180 degrees to finely integrate the subwoofer with the main listening speakers.

The MODEL 500 incorporates a unique subsonic filter adjustable from 20 – 35Hz that limits/extends power output to the lowest frequency the subwoofer driver is capable of reproducing. This maximizes performance, helps to protect the driver from being overdriven and reduces distortion by limiting extreme subwoofer driver excursions.

Defeatable Auto-power mode turns the amplifier on automatically when a signal is detected. It can be defeated to use a remote AC circuit to control the amplifier (on/off) power. Dual subwoofer outputs allow multiple woofers to be connected to the same amplifier without having to resort to pigtails, wire nuts, or specialized connectors.

The MODEL 500 incorporates stereo Line-Level inputs and outputs that permit the amplifier to be connected between a preamplifier and amplifier without the need for Y-connectors. The Line-Level inputs also incorporate a buffered internal summing network so that a mono signal is derived from the left and right channels while maintaining the stereo signal integrity for the main stereo speakers. A double-insulated, isolated-ground electrical supply prevents electrical ground loops and reduces the noise floor of the entire audio system, providing a silent backdrop for superior music production.

5 Year Parts & Labor Limited Warranty

ISO 9002 Registered Factory

SUBWOOFER AMPLIFIER



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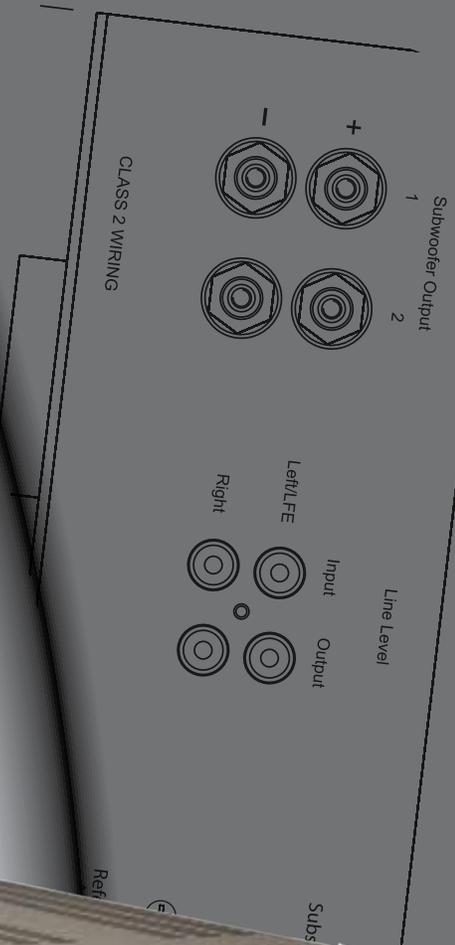
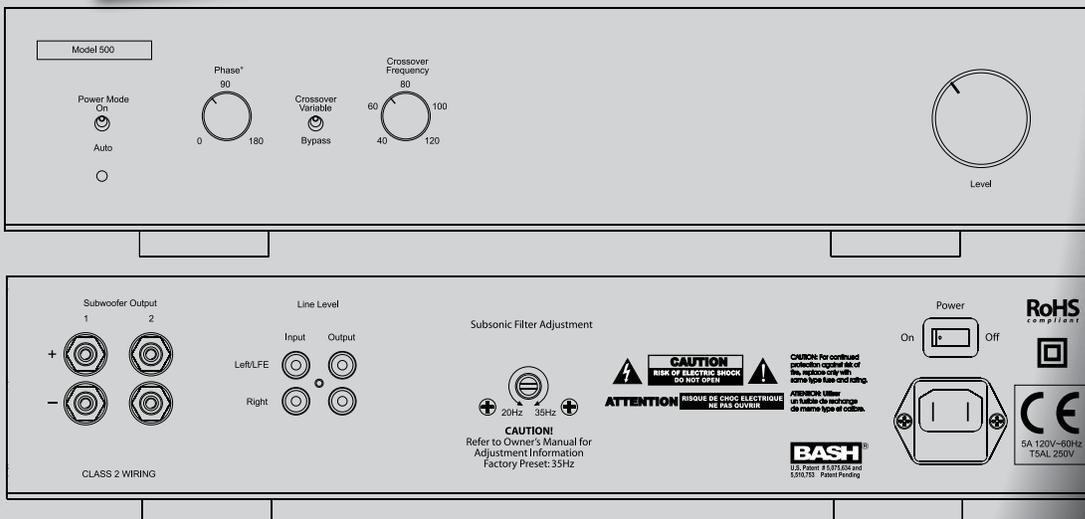
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SPECIFICATIONS

- Frequency Response 20 – 300Hz
- Crossover Frequency 40 – 120Hz (Low-pass filter with bypass switch)
- Phase Adjustment 0 – 180 degrees (Continuously variable)
- Amplifier Output Power 500 watts RMS into 4 ohms, with thermal and clipping limiters
250 watts RMS into 8 ohms, with thermal and clipping limiters
- Distortion Less than 0.2% at rated power
- Audio Inputs Summing stereo line level (RCA x2)
LFE (RCA shared with Left input connector)
- Input Impedance Line-Level – 20k ohms, Unbalanced
- Input Power 120V 60Hz AC
- Input Power Connection IEC 2-wire receptacle with integral fuse holder
- Power (Mains) Fuse 5A 250V T5AL (5x20mm) style Slow Blow
- Power Modes Auto signal sensing and always on
- Auto Off Delay ~10 minutes
- Dimensions (with feet, without ears) 16⁷/₈"W x 3⁷/₈"H x 14³/₄"D, (429W x 98H x 375D)mm
- Weight 15lbs (6.8kg)
- Shipping Dimensions 21¹/₂"W x 8¹/₂"H x 17¹/₂"D, (550W x 220H x 450D)mm
- Shipping Weight 20lbs (9.1kg)



Model 500 Amplifier shown with Rack Ears (included)



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Limited Warranty