

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, class 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 when used with a home theatre receiver or processor. The continuously-variable phase circuit is adjustable 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 is capable of reproducing. This maximizes performance, helps to protect the woofer 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 pigtailed, 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 9001 Certified Factory

SUBWOOFER AMPLIFIER



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
ATTENTION
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRI

CAUTION: For continued protection against risk of same type use and rating.
ATTENTION: Utiliser un fusible de rechange de meme type et cadree.



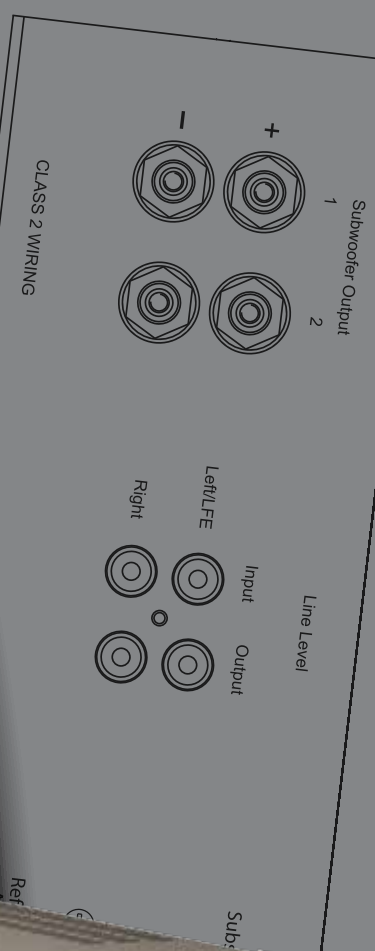
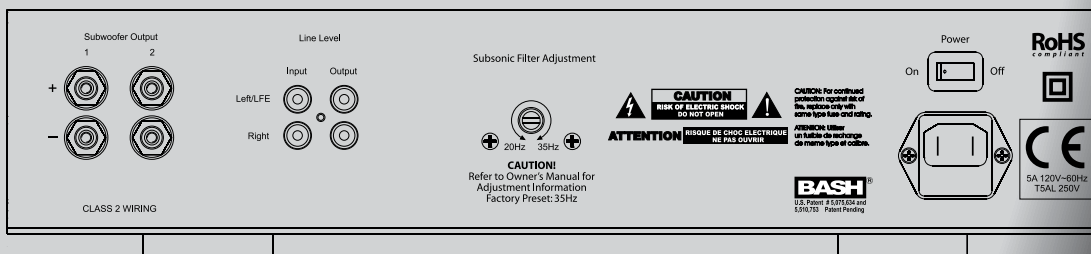
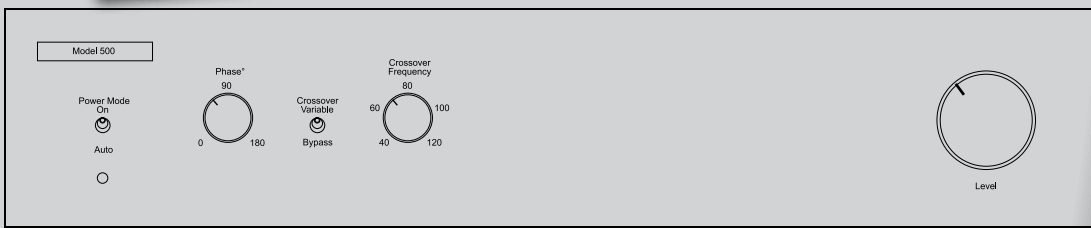
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SPECIFICATIONS

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) ...	16 $\frac{7}{8}$ "W x 3 $\frac{7}{8}$ "H x 14 $\frac{3}{4}$ "D, (429W x 98H x 375D)mm
Weight	15lbs (6.8kg)
Shipping Dimensions	21 $\frac{1}{2}$ "W x 8 $\frac{1}{2}$ "H x 17 $\frac{1}{2}$ "D, (550W x 220H x 450D)mm
Shipping Weight	20lbs (9.1kg)



Model 500 Amplifier shown with Rack Ears (included)



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CAUTION: For continued protection against risk of fire, replace only with same type and rating.
ATTENTION: Utiliser un fusible de rechange de même type et calibre.

5 YEAR PARTS & LABOR
Limited Warranty

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RoHS conform
CEDIA