

**Presence**<sup>®</sup>  
LOUDSPEAKERS FOR  
TODAY'S ARCHITECTURE

# A-120

300 Watt Powered Subwoofer

## FEATURES

- ▶ The A-120 subwoofer was designed for exceptional performance and value. It features a 12" extra-long excursion woofer with high Bl motor. The bass reflex enclosure with flared port ensures extended bass response and high acoustic efficiency.
- ▶ The woofer is driven with an integral 300W class A/B amplifier utilizing the patented BASH<sup>®</sup> technology for high electrical efficiency.
- ▶ The integral rear-mounted 300 watt amplifier includes level, phase (continuously variable 0-180°), and crossover control to contour the subwoofer's output to blend with virtually all loudspeakers and room environments.
- ▶ The integral low pass crossover network is continuously-variable from 40Hz to 120Hz and can be bypassed if it is preferable to use an external crossover located in an outboard receiver or processor.
- ▶ The A-120's integral amplifier incorporates a defeatable signal-sensing circuit that automatically powers up the amplifier when a signal is detected.
- ▶ A double-insulated isolated-ground electrical supply prevents electrical ground loops and reduces the noise floor of the entire audio system.

**12" EXTRA LONG-THROW** Heavy Duty Driver

ISO 9001 Registered Factory

*Welcome Home*

**DEM SYSTEMS COMPANY**

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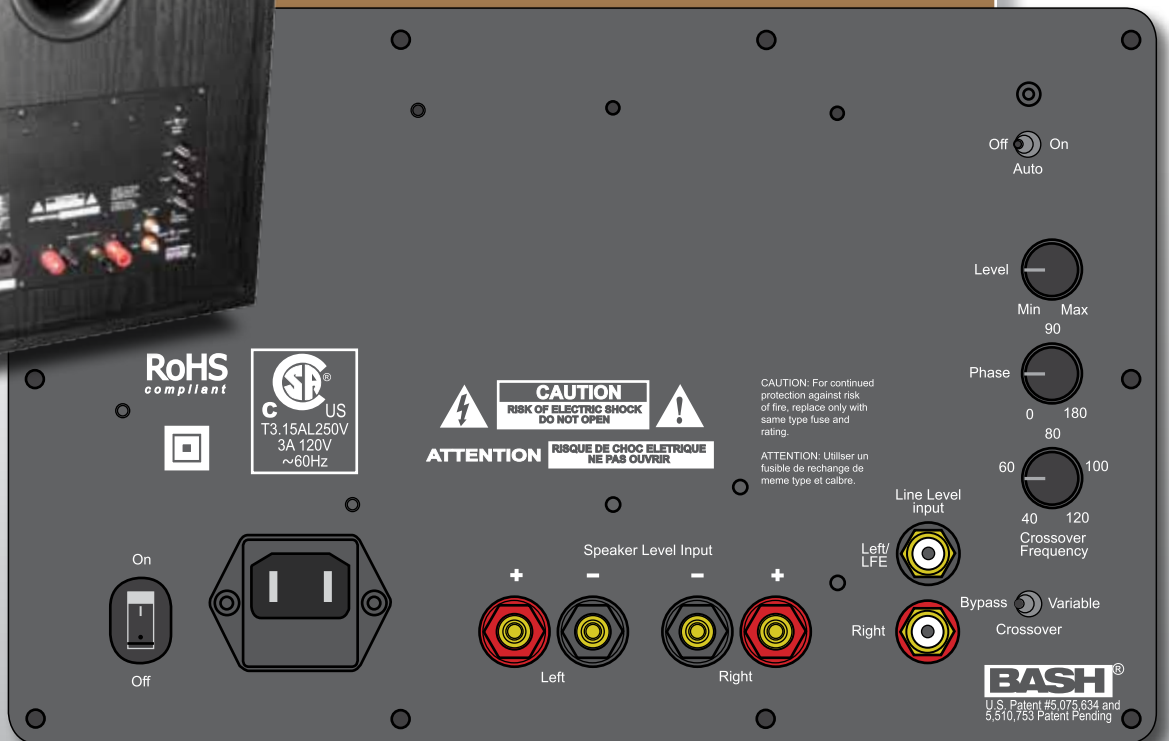
## SPECIFICATIONS

- Frequency Response:.....28Hz – 300Hz System Response)
- Crossover Frequency:.....40Hz – 120Hz (Low-pass filter with bypass switch)
- Phase Adjustment:.....0 – 180 degrees (Continuously variable)
- Amplifier Output Power:.....300 watts, with thermal and clipping limiters
- Audio Inputs:.....Summing stereo line level (RCA x2)  
LFE (RCA shared with Left input connector)  
Speaker level (Stereo 5-way binding post)
- Input Impedance:.....Line Level – 20k ohms, Unbalanced  
Speaker Level – 220 ohms
- Input Power:.....120V 60Hz AC
- Input Power Connection:.....IEC 2-wire receptacle with integral fuse holder
- Power (Mains) Fuse:.....3.15A 250V T3.15AL (5x20mm) style Slow Blow
- Power Modes:.....Auto signal sensing and always on
- Auto Off Delay:.....~10 minutes
- Dimensions:.....15-3/8"W x 17-5/16"H x 14-3/4"D,  
(390W x 440H x 375D)mm (without feet)
- Weight:.....43lbs (19.5kg)
- Shipping Dimensions:.....21"W x 20"H x 20"D, (533W x 508H x 508D)mm
- Shipping Weight:.....51lbs (23.2kg)

The A-120 is shipped with adjustable feet, (4 spiked and 4 rubber) with tool-less knurled jam nuts. These feet can be installed in the bottom of the enclosure in either a 3-point triangular pattern or more traditional 4-point square pattern. The bottom of the enclosure has 5 threaded inserts arranged to accept either pattern.



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300 Watt RMS BASH<sup>®</sup> Amplifier