# Sh.A750

ShA750



### **Key Features:**

- 750W Output Power (RMS)
- Compact, Ergonomic Size for Easy Transportation
- EV DL-Series, Direct Radiating 15" Woofer
- Built-in Stereo Crossover with PowerMax 12
   Filter for Higher Acoustic System Output
- LPN-Filter to Compensate LF Transient
   Distortion for Full Extended Bass Response
- Dynamic Limiter and Full Protection Package
- Integrated Pole-Mount, 4 Wheels, 5m (197")
   PowerCon Lead



### **General Description:**

The Electro-Voice ® SbA750 is a new generation of hi-power compact subwoofers. Designed to match EV's Sx-Series speakers, it's an ideal system extension for SxA100 and SxA250 powered speakers. The SbA750 adds extended low frequency response to Sx300 and Sx100+ passive speakers driven by powered mixers.

The state-of-the-art class H power amplifier module delivers 750 Watts RMS power to an EV DL15Y 15" woofer. The audio performance and reliability of the amplifier is derived from the famous EV Precision Series™ Amplifiers.

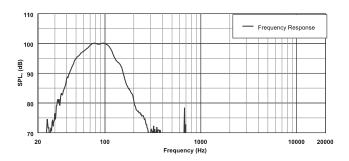
The Patented LPN (Low-Pass-Notch) filter compensates for transient distortion of dynamic signals and allows, in combination with the PowerMax 12 crossover filter, the SbA750 to achieve a higher acoustic output than expected from a compact cabinet that size.

### **Technical Specifications:**

Freq. Range (-10 dB):	45 Hz - 150 Hz
Amplifier Design:	Hi-Efficiency Class H
Output Power:	750W (RMS)
THD, Rated:	<0.05%
Sensitivity (SPL 1W/1m):	100 dB
Max Calculated SPL:	128 dB
Components:	EV DL15Y
Connectors:	2 XLR/Jack Combo Input 2 XLR Slave Through 2 XLR Mid-Hi Output
Level Control:	+40 dB to -10 dB
Internal Crossover:	PowerMax 12, 100 Hz
Protection:	Dynamic Limiter, DC, HF High Temperature, Peak Current Limiter
Protection:  Power Requirements:	Temperature, Peak Current Limiter
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Power Requirements:	Temperature, Peak Current Limiter 100V, 120V, 230V, 240V 16mm Plywood Vented Enclosure,4 Wheels, Pole Mount (M20), 2 Handles
Power Requirements: Cabinet: Cabinet Finish:	Temperature, Peak Current Limiter 100V, 120V, 230V, 240V 16mm Plywood Vented Enclosure,4 Wheels, Pole Mount (M20), 2 Handles
Power Requirements: Cabinet: Cabinet Finish: Grille: Dimensions	Temperature, Peak Current Limiter 100V, 120V, 230V, 240V 16mm Plywood Vented Enclosure,4 Wheels, Pole Mount (M20), 2 Handles EVCoat <sup>TM</sup>
Power Requirements:  Cabinet:  Cabinet Finish:  Grille:  Dimensions (H x W x D/D w/Wheels):	Temperature, Peak Current Limiter 100V, 120V, 230V, 240V 16mm Plywood Vented Enclosure,4 Wheels, Pole Mount (M20), 2 Handles EVCoat™ Black Powder-Coated Steel 23.7" x 16.9" x 22.0"/26.2"



### Frequency Response & Impedance:



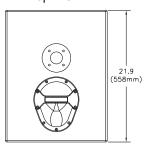
### State-of-the-Art Signal Processing **Technology:**

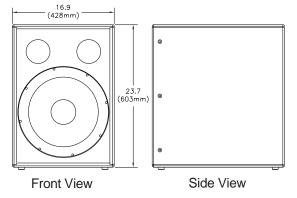
The built-in stereo crossover with PowerMax12 crossover function (patents pending) delivers an extra 6 dB SPL at the crossover point - providing an acoustical output that can't be achived by standard equalizing. The onboard dynamic limiter and the unique Voice-Coil-Protection (VCP) circuit are the guarantee for a safe performance.



### **Dimension Drawing:**

Top View



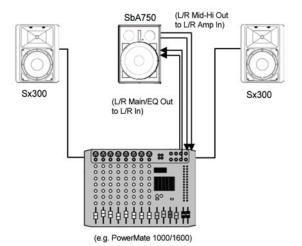


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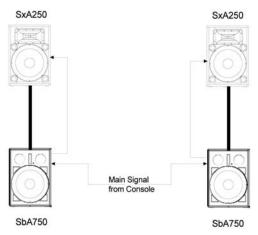
**Back View** 

### **Examples for Typical System Applications:**

Extension for Sx Speaker System with a Powered Mixer



#### Powered PA System with SxA250



### Ex Electro-Voice®

12000 Portland Avenue South, Burnsville, MN 55337 Phone:952/884-4051, Fax:952/884-0043

### www.electrovoice.com

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### SbA750 Part Numbers

- SbA750 (100V) -- 170237
- SbA750 (120V) -- 301359-001
- SbA750 (230V) -- 170239
- SbA750 (240V) -- 170240

U.S.A. and Canada only. For customer orders, contact Customer Service at: 800/392-3497 Fax: 800/955-6831

Europe, Africa, and Middle East only. For customer orders, contact Customer Service at: + 49 9421-706 0 Fax: + 49 9421-706 265

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For warranty repair or service information, contact the Service Repair department at: 800/685-2606

For technical assistance, contact Technical Support at: 866/78AUDIO

Specifications subject to change without notice.