

# SbA750

**SbA750**  
Compact Powered Subwoofer  
with built-in Stereo Crossover for  
Live Sound, DJ, AV



## 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.

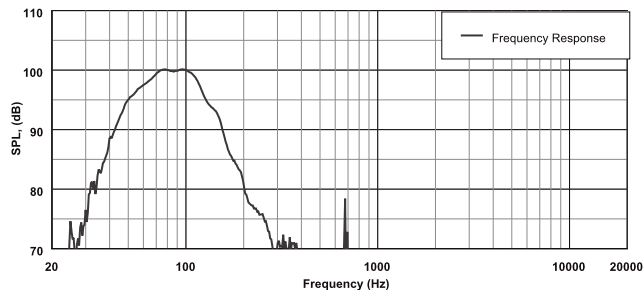
The state-of-the-art class H power amplifier module delivers 750 Watts RMS power to an EV DL15Y 15" woofer. The audio performance and reliability of the amplifier is derived from the famous EV Precision Series™ Amplifiers.

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:

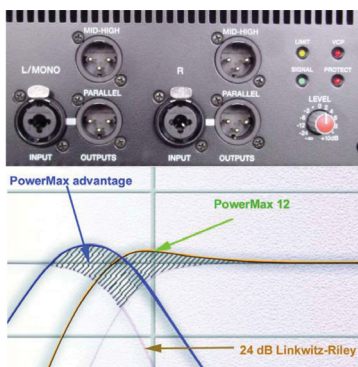
Freq. Range (-10 dB):	45 Hz - 150 Hz
Amplifier Design:	Hi-Efficiency Class H
Output Power:	750W (RMS)
THD, Rated:	<0.05%
Sensitivity (SPL 1W/1m):	100 dB
Max Calculated SPL:	128 dB
Components:	EV DL15Y
Connectors:	2 XLR/Jack Combo Input 2 XLR Slave Through 2 XLR Mid-Hi Output
Level Control:	+40 dB to -10 dB
Internal Crossover:	PowerMax 12, 100 Hz
Protection:	Dynamic Limiter, DC, HF High Temperature, Peak Current Limiter
Power Requirements:	100V, 120V, 230V, 240V
Cabinet:	16mm Plywood Vented Enclosure, 4 Wheels, Pole Mount (M20), 2 Handles
Cabinet Finish:	Futura
Grille:	Black Powder-Coated Steel
Dimensions (H x W x D/D w/Wheels):	23.7" x 16.9" x 22.0"/26.2" (603mm x 428mm x 558/665mm)
Net Weight:	94.7 lbs (43 kg)

## Frequency Response & Impedance:



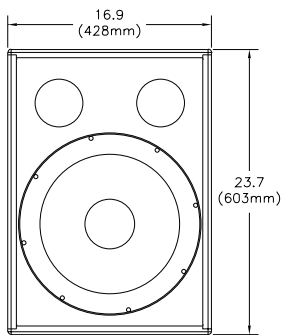
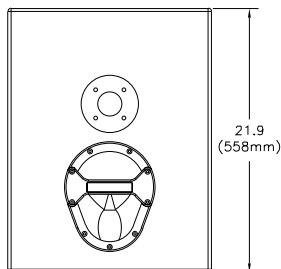
## State-of-the-Art Signal Processing Technology:

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 achieved by standard equalizing. The onboard dynamic limiter and the unique Voice-Coil-Protection (VCP) circuit are the guarantee for a safe performance.

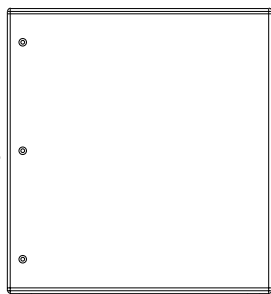


## Dimension Drawing:

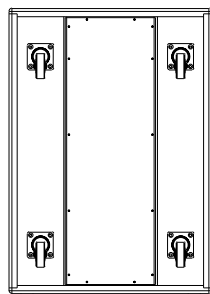
Top View



Front View



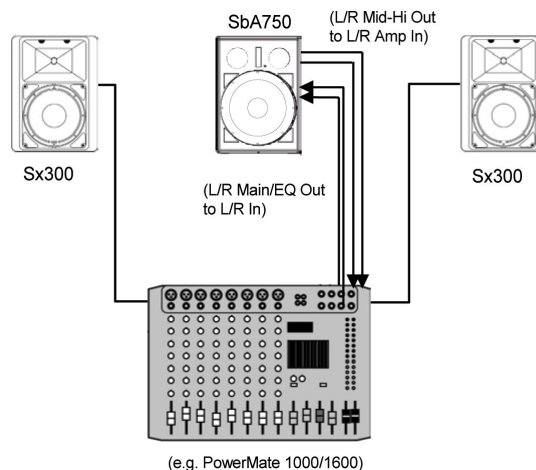
Side View



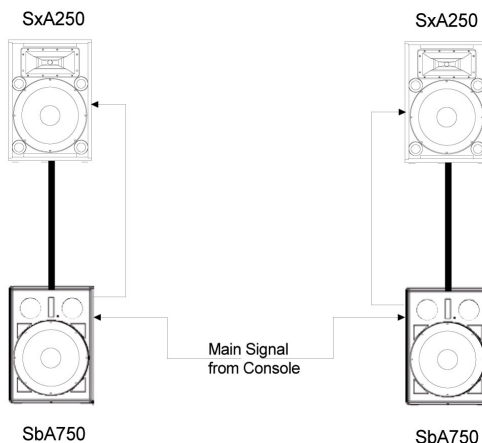
Back View

## Examples for Typical System Applications:

### Extension for Sx Speaker System with a Powered Mixer



### Powered PA System with SxA250



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[www.electrovoice.com](http://www.electrovoice.com)

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For warranty repair or service information, contact the Service Repair department at:  
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For technical assistance, contact Technical Support at: 866/78AUDIO

Specifications subject to change without notice.

### SbA750 Part Numbers

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