

# SbA760

**SbA760**  
Compact Powered Subwoofer  
with built-in Stereo Crossover for  
Live Sound, DJ, AV



## Key Features:

- 760W Output Power (RMS)
- Compact, Ergonomic Size for Easy Transportation
- EVS-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® SbA760 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, SxA250, and SxA360 powered speakers. The SbA760 adds extended low frequency response to Sx300 and Sx100+ passive speakers driven by powered mixers.

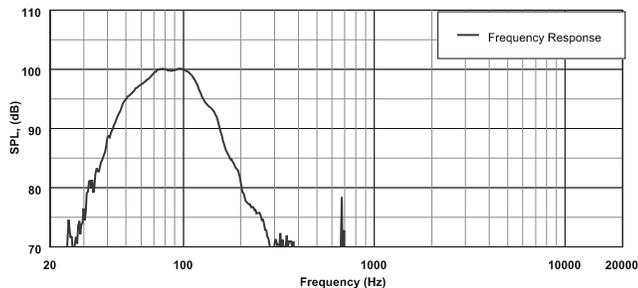
The state-of-the-art class H power amplifier module delivers 760 Watts RMS power to an EVS15FR 15" woofer. The audio performance and reliability of the amplifier is derived from the famous EV Precision Series™ Amplifiers.

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 SbA760 to achieve a higher acoustic output than expected from a compact cabinet that size.

## Technical Specifications:

Freq. Range (-10 dB):	42 Hz - 150 Hz
Amplifier Design:	Hi-Efficiency Class H
Output Power:	760W (RMS)
THD, Rated:	<0.05%
Sensitivity (SPL 1W/1m):	100 dB
Max Calculated SPL:	128 dB
Components:	EVS-15FR
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:	EVCoat™
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:



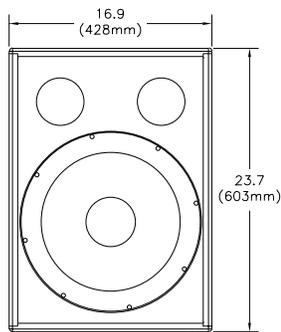
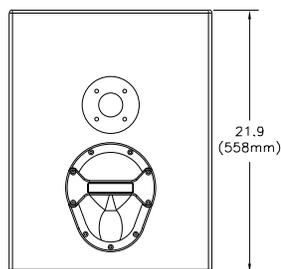
## State-of-the-Art Signal Processing Technology:

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.

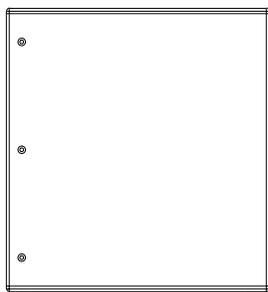


## Dimension Drawing:

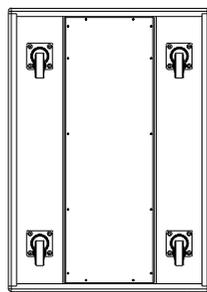
Top View



Front View



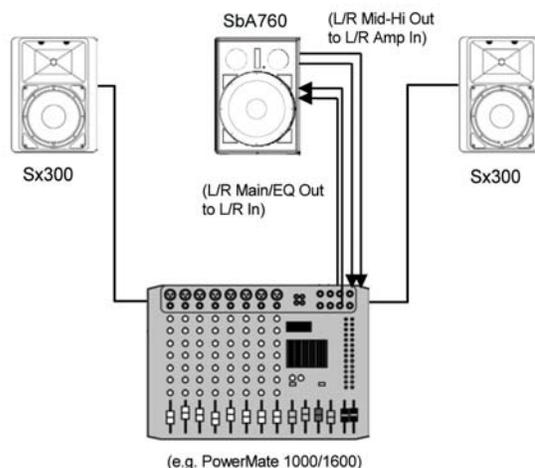
Side View



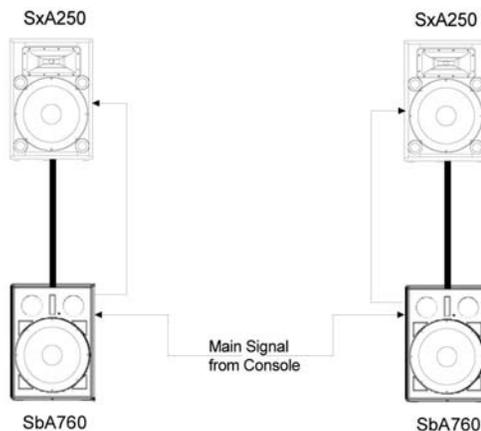
Back View

## Examples for Typical System Applications:

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



### Powered PA System with SxA250



### SbA760 Part Numbers

- SbA760 (100V) -- 170329
- SbA760 (120V) - 301576-001
- SbA760 (230V) -- 170331
- SbA760 (240V) -- 170332



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

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

© Telex Communications, Inc. 5/2005  
Part Number 38110-356 Rev B

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

Other International locations. For customer orders, contact Customer Service at:  
+ 1 952 884-4051 Fax: + 1 952 736-4212

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.