



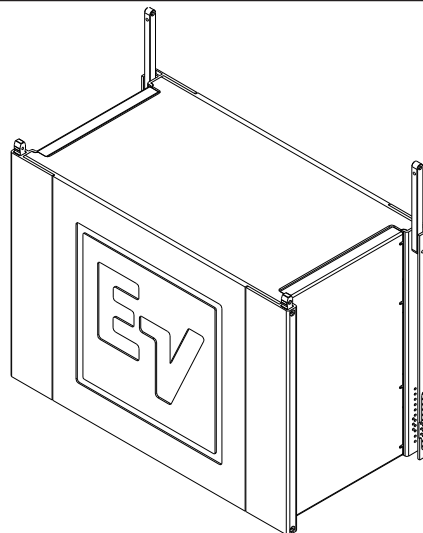
XS212

Dual 12" Side-Firing
Very Compact
Line-Array Bass Element



Key Features:

- Dual DVX3120 12" Transducers
- 136 dB, 1000W Continuous
- Very Compact, Lightweight
- Simple, Quick Integrated Rigging
- Versatile Integration in Main Arrays
- LAPS Aiming and Flying Software



General Description:

The XS212 is designed for high-level low frequency extension to 42 Hz. It uses two new generation DVX 3120 forced air-cooled 12" transducers capable of long, linear excursion and high power. A unique configuration allows side firing transducers to match the XLD281 and XLD291's horizontal coverage and provide smaller arrays. XS212 are designed to be used with a ratio of four XLD281 or XLD291 full range systems for each XS212 sub woofer.

The XLVC family consists of two full-range systems with dual woofers, two full-range systems with single woofers and a subwoofer system. The dual-woofer versions include the XLD281 with a 120° horizontal coverage pattern and the XLD291 with a 90° horizontal coverage pattern. The single-woofer versions include the XLE181 with a 120° horizontal coverage pattern and the XLE191 with a 90° horizontal coverage pattern. The subwoofer module is the XS212. Most applications using flown very compact elements require subwoofers integrated into the same array as the full range systems. XLVC provides two methods to conveniently do this. The XS212 sub woofer module has the same rigging foot print as the XLD281 and XLD291 allowing it to be directly arrayed above, or below XLD281 or XLD291 full range systems. Where vertical space is limited sub woofer arrays can be created and flown behind the XLD281 or XLD291 full range array using an additional grid and EV's CBEAM (Coupler Beam). LAPS modeling software quickly provides array configurations and rigging information. XS212 sub woofers can also be used as the base for groundstack applications, or by using EV's XGS-4 Groundstack Kit for XLVC.

XLVC delivers unprecedented performance in applications ranging from live reinforcement to performing arts venues, to houses of worship.

Technical Specifications:

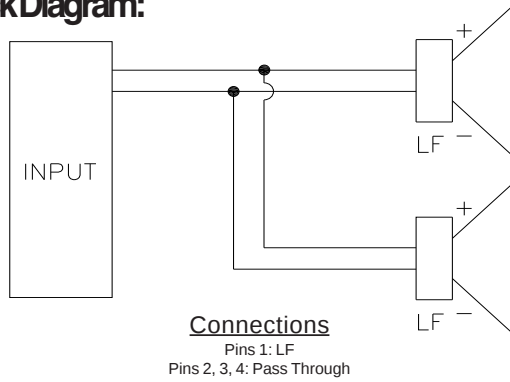
Freq. Response ^{1,2} (-3 dB):	54 Hz
Freq. Range ^{1,2} (-10 dB):	47 Hz
Max Calculated SPL ^{2,3} :	127 dB Cont., 133 dB Pk
Vertical Coverage:	Array Dependant, Software Definable
Rigging:	Fully Captive Aluminum, 1° increments, 8 elements with 8 to 1 Safety Factor
Power Handling:	1000W Cont., 4000W Peak
Sensitivity ^{2,3} :	98 dB
Highpass Freq ² :	49 Hz
Recommended Crossover Freq ² :	100 Hz
LF Passband:	2 x 12" DVX3120, 4 ohms
Recommended Amplifier:	EV CP3000S
Connectors:	2 x NL8
Enclosure Material:	Birch plywood w/EVCoat™
Grille:	Zinc plated steel with powdercoat paint
Environmental Spec:	IEC 529 IP24, MIL 810
Dim (HxWxD):	20.00" x 28.58" x 14.90" (508 x 726 x 378 mm)
Net Weight:	90 lbs (40.8 kg)
Shipping Weight:	95 lbs (43.1 kg)

¹ Half Space Measurement.

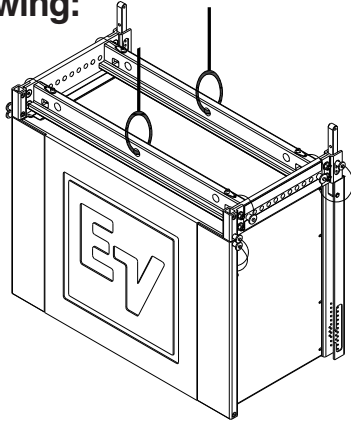
² Use EV or KT Signal Processing or Download Presets from Electro-Voice Website.

³ Half Space Measurement. SPL Adjusted for 1W at 63 Hz at 1m.

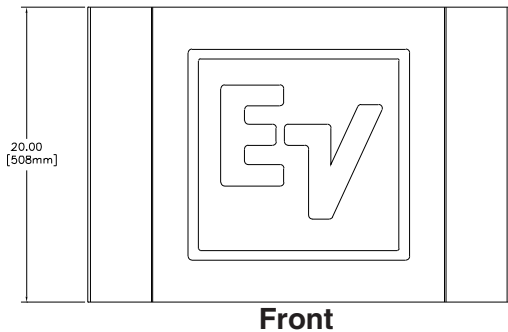
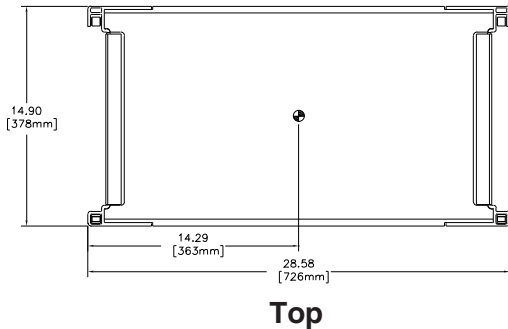
Block Diagram:



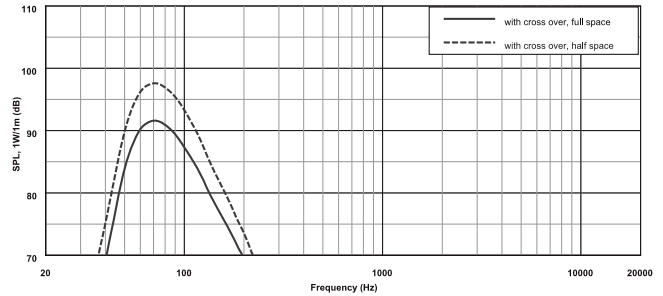
Grid Drawing:



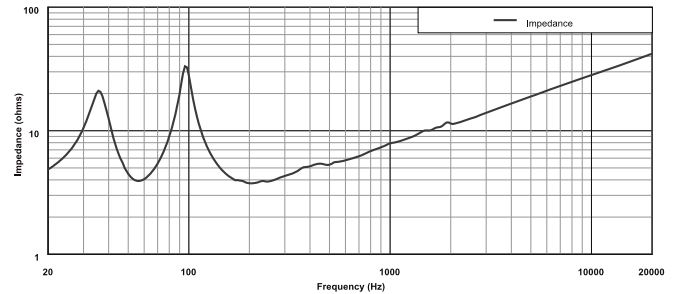
Dimension Drawings (inches/metric):



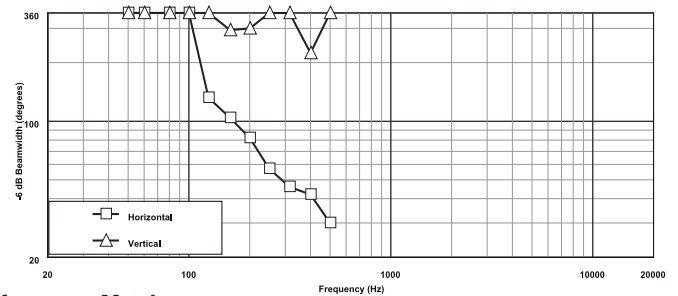
Frequency Response, Full and Half Space:



Impedance:



Beamwidth:

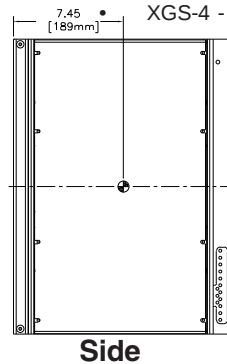


Performance Match:

- XLD281 - 120° Full-Range Line Array Element
- XLD291 - 90° Full-Range Line Array Element
- CP3000S - Precision Series™ Power Amplifier
- P3000RL - Precision Series™ Remote Control Power Amplifier
- Dx38 - Digital Sound System Controller
- DN9848 - Digital Sound Controller
- XLVC Series Grid - Grid for Hanging XLVC Line-Arrays
- CBEAM - Coupler Beam for XLD/XLE to XS212 Arrays
- XGS-4 - Groundstack Kit for XLVC Line-Arrays

XS212 Part Number:

- XS212 - 301791-001



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www.electrovoice.com

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Part Number 38110-432 Rev C

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.