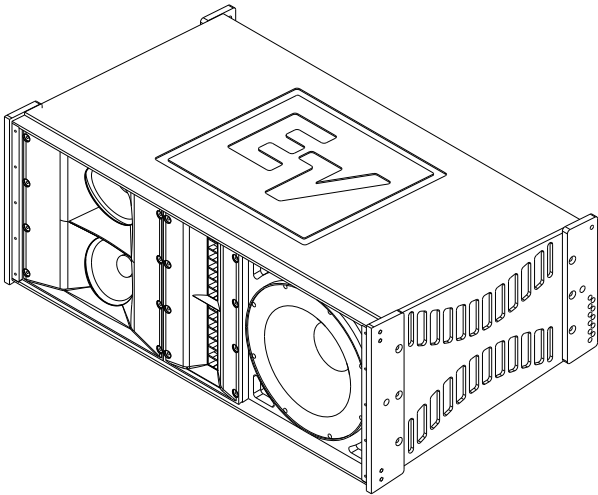


# XLCi127DVX-FG



- Accurate Vertical Control and Coverage
- Compact and Lightweight
- True 3-way Design
- 120° Horizontal Full-Range Line-Array
- Fixed Installation Rigging



The XLCi-FG family is designed to provide the highest quality performance for a variety of applications. The FG models are fully-weatherized and fiberglass-coated. It is comprised of two full-range systems; XLCi127DVX-FG (120° line-array element), XLCi907DVX-FG (90° line-array element), and one subwoofer; XLCi215-FG. The XLCi127DVX-FG uses a DVX3121A, two DVN2065 neodymium midrange transducers, and two ND6A-16 high frequency transducers. The DVX3121A is a high performance low frequency transducer with forced air, directional voice coil cooling for high power and efficiency. The suspension and magnetic circuit are optimized for long, linear travel to provide low distortion and greater LF extension in a lightweight transducer. The DVN2065 transducer utilizes neodymium to provide very high output with lightweight and lower distortion. The 3-way design is comprised of a 12" vented LF, 2 x 6.5" MF transducers on a 120° horizontal waveguide, and 2 x 3" HF transducers combining through Hydras on a 120° x 7° waveguide. It can be used in tri-amp mode or bi-amp 3-way using the optional sophisticated internal 24 dB/octave passive MF to HF network. The asymmetrical box design was optimized to produce a symmetrical polar pattern with a uniform power response. Designed for use in groups of four or more the XLC can deliver unprecedented performance, particularly in difficult acoustical environments. LAPS modeling software provides quick, accurate results for array configurations and rigging information. EASE and CLF files are available for extensive modeling.

## Technical specifications

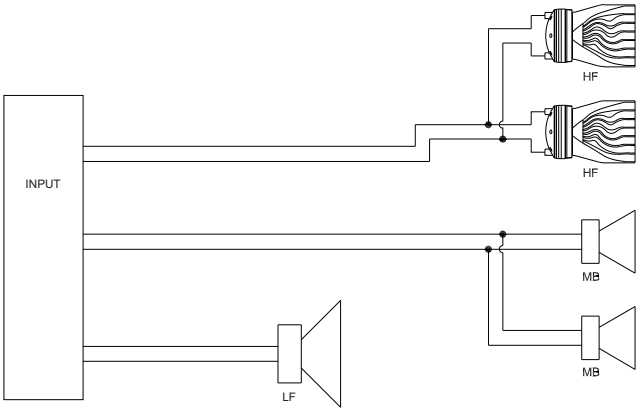
Freq. Response (-3 dB):	65 Hz-18 kHz <sup>1</sup>
Freq. Range (-10 dB):	50 Hz-20 kHz <sup>1</sup>
Max Calculated SPL:	144 dB Cont., 150 dB Peak <sup>1</sup>
Horizontal Coverage:	120°
Vertical Coverage:	Array Dependent, Software Definable
Rigging: (Both Types)	Fully Captive Aluminum, 1° increments, 16 elements with 8 to 1 Safety Factor
LF Power Handling:	500 W Cont., 2000 W Peak
MB Power Handling:	300 W Cont., 1200 W Peak
HF Power Handling:	150 W Cont., 600 W Peak
Sensitivity (LF/MB/HF):	95/101/111 dB
LF to MB Crossover Frequency:	500 Hz
MB to HF Crossover Frequency:	1600 Hz (Passive or Active)
LF Passband:	1 x 12" DVX3121A, 8 ohm
MB Passband:	2 x 6.5" DVN2065, 8 ohm
HF Passband:	2 x ND6A-16, 8 ohm
Connectors:	Gland nut with 30' cable

Enclosure:	13-ply birch plywood with fiberglass and EVCoat
Grille:	Stainless steel with powder coat paint and hydrophobic cloth
Enviromental Specification:	IEC 60529, IP55
Dimensions (H x W x D):	14.25 in x 36.5 in x 22.5 in (362 mm x 927 mm x 572 mm)
Net Weight:	105 lb (48.1 kg)
Shipping Weight:	110 lb (49.9 kg)

<sup>1</sup>Full-space measurement of 4 elements HF section calculated to 1m.

## System overview

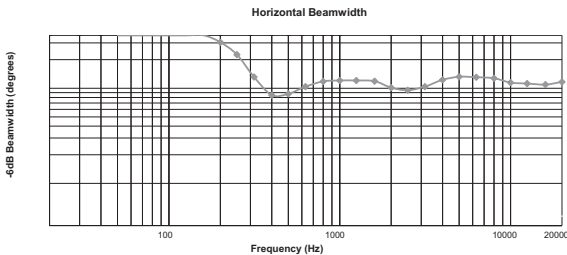
**Block Diagram:**  
Tri-amp only.



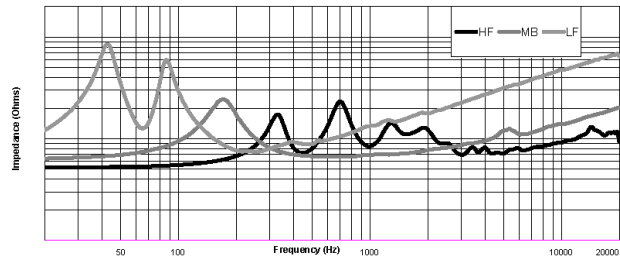
**Connection Chart**  
(Pins 1 Pass Through)

Triamp	
LF:	Pins 2
MB:	Pins 3
HF:	Pins 4

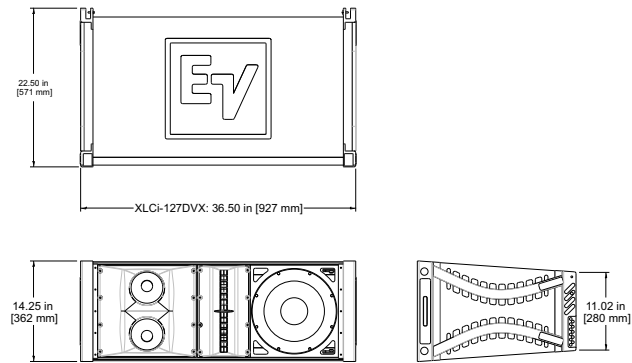
### Beamwidth:



### Impedance:



### Dimensions:



### Compatible System Solutions, Electronics:

- CP3000S Precision Series Power Amplifier
- CP4000S Precision Series Power Amplifier
- TG5/TG7 Tour Grade Power Amplifiers
- Dx46 Digital Sound System Controller

### Compatible System Solutions, Install versions:

- XLCi907DVX-FG 90° Weatherized Line Array Element
- XLCi215-FG Dual 15" Subwoofer

## Ordering information

### XLCI-127-DVX-FGB

3-way fiberglass weatherized compact line array (tri-amped only) without passive network; black  
Order number **XLCI-127-DVX-FGB**

### XLCI-127-DVX-FGW

3-way fiberglass weatherized compact line array (tri-amped only) without passive network; white  
Order number **XLCI-127-DVX-FGW**

### Accessories

#### XLCi B2-GRID-FGB

Grid for XLCI-DVX install cabinets, supports up to 16 cabinets; black  
Order number **B2-GRID-FGB**

**XLCi B2-GRID-FGW**

Grid for XLCI-DVX-FGW install cabinets supports up to 16 cabinets, Clear Coat Anodized

Order number **B2-GRID-FGW**

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**XLCI-BGK-FGB**

Bottom grid kits to attach B2 grind below an XLCi array. Fits XLCi127DVX-FG, XLCi907DVX-FG or XLCi215-FG; black

Order number **XLCI-BGK-FGB**

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**XO-127DVX**

Crossover retrofit kit for XLC/XLCi127DVX

Order number **XO-127DVX-LB**

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