



***XLC-127, XLC-127+,
XLCi-127, XLCi-127+***

**3-Way, High-Output
Compact Line-Array
Element**



Key Features:

- **Control with Predictability**
- **Compact, Lightweight**
- **Fast, Simple Integrated Rigging**
- **Bi-Amp or Tri-Amp Operation**
- **True 3-Way Design**
- **LAPS Aiming Software**
- **120° Horizontal Full-Range Line-Array**
- **DH2T-16, or ND6-16 HF Options**
- **Quik-Rig™ or Fixed Installation Rigging**



General Description:

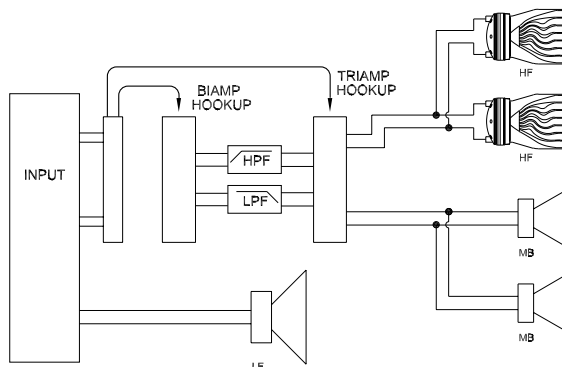
EV engineers have defined a new group of compact line array elements, the X^{LC}. It is comprised of three components, X^{LC} 127 full range, X^{LC} 127+ full range with ND6-16 large format high frequency transducers and the X^{LC} 118 sub cabinet. The X^{LC} 127 is a 3-way design utilizing a 12" vented LF, 2 x 6.5" MB transducers on a 120° horizontal waveguide, and 2 x DH2T-16 HF transducers combining through a Hydra to a 120° x 7° waveguide. The X^{LC} 127 can be used in tri-amp mode, or bi-amp 3-way using the sophisticated internal passive MB 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 X^{LC} 127 delivers predictability and control. Combined with an advanced integrated rigging system, one-man installations are a reality. The XLC 127 systems can also be ground stacked. Ideal for applications ranging from live reinforcement to performing arts venues to houses of worship, to sports facilities, X^{LC} gives you the power to make it happen. The X^{LC} 127+ uses two ND6-16, 3 in., high-output, neodymium compression drivers, replacing the standard DH2T-16 drivers. The X^{LC} 127+ is recommended when performance requirements demand higher output. The ND6-16 is also used in EV's *X-Array* and *X-Line* systems creating a family of identically voiced loudspeakers for any mobile or permanent sound application. X^{LC} can deliver unprecedented performance, particularly in difficult acoustical environments. LAPS modeling software provides quick results for array configurations and rigging information.

Technical Specifications:

	XLC-127	XLC-127+
Freq. Response ¹ (-3 dB):	65 Hz-18 kHz	
Freq. Range ¹ (-10 dB):	50 Hz-20 kHz	
Max Calculated SPL ¹ :	135 dB Cont., 141 dB Pk	
Horizontal Coverage:	120°	
Vertical Coverage:	Array Dependant, Software Definable	
Rigging (Both Types):	Fully Captive Aluminum, 1° increments, 16 elements with 8 to 1 Safety Factor	
LF Power Handling:	300W Cont., 1200W Peak	
MB Power Handling:	200W Cont., 800W Peak	
HF Power Handling:	80W Cont., 320W Peak	150W Cont., 600W Peak
Biamp MB/HF Power Handling:	200W Cont., 800W Peak	
Sensitivity(LF/MB/HF) ¹ :	95/101/110 dB	
LF to MB crossover Freq:	500 Hz	
MB to HF crossover Freq:	1600 Hz (Passive or Active)	
LF Passband:	1 x 12" DL12ST, 8 ohms	
Recommended Amplifier:	EV P2000	
MB Passband:	2 x 6.5" DM65, 8 ohms,	
Recommended Amplifier:	EV P2000	
HF Passband:	2 x DH2T-16, 8 ohms	2 x ND6-16, 8 ohms,
Recommended Amplifier:	EV P2000	EV P2000
Biamp MB/HF Passband:	8 ohms,	
Recommended Amplifier:	EV P2000	
Connectors:	2 x NL8	
Enclosure Material:	13-ply birch plywood w/EVCoat™	
Grille:	Zinc plated steel with powdercoat paint	
Environmental Spec:	IEC 529 IP24, MIL 810	
Quik-Rig™ Dim (HxWxD):	14.25" x 39" x 22.5" (362 x 990 x 572 mm)	
Install Dim (HxWxD):	14.25" x 36.5" x 22.5" (362 x 927 x 572 mm)	
Net Weight (Quik-Rig™):	116 lbs (52.7 kg)	111 lbs (50.4 kg)
(Install):	111 lbs (50.4 kg)	106 lbs (48.1 kg)
Shipping Weight (Quik-Rig™):	121 lbs (55.0 kg)	116 lbs (52.7 kg)
(Install):	116 lbs (52.7 kg)	111 lbs (50.4 kg)

¹ Full Space Measurement of 4 Elements.

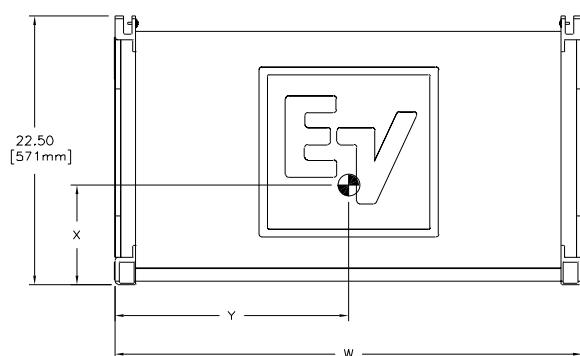
Block Diagram:



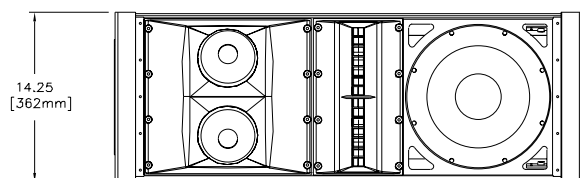
Connection Chart
(Pins 1 Pass Through)

Triamp	Biamp
LF: Pins 2	LF: Pins 2
MB: Pins 3	MB/HF: Pins 3
HF: Pins 4	Pins 4 Pass Through

Dimension Drawings (inches/metric):



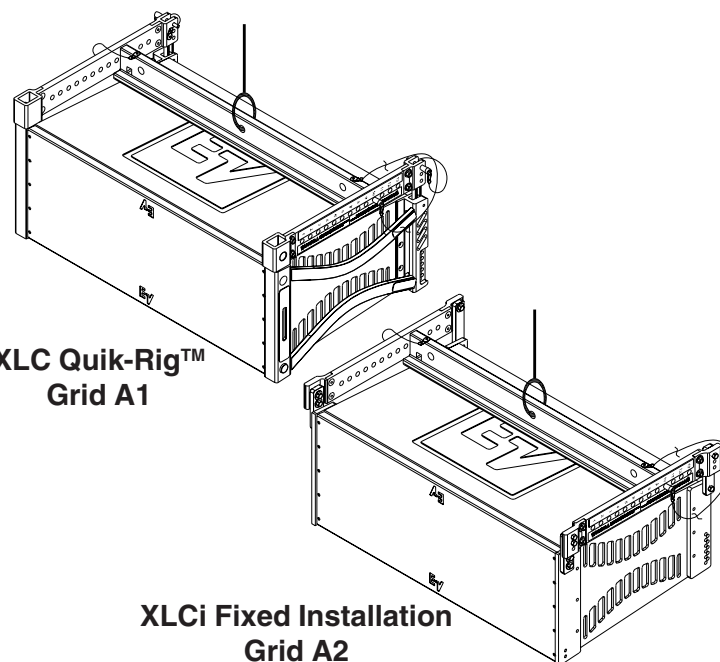
Top



Front

Note: Quik-Rig™ Loudspeaker shown. All dimensions for Install version equal to Quik-Rig™ version except where shown in chart.

Grid Drawing:



**XLC Quik-Rig™
Grid A1**

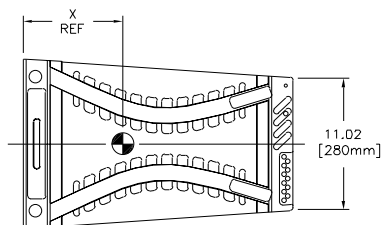
**XLCi Fixed Installation
Grid A2**

Performance Match:

- XLC-118 - Subwoofer Loudspeaker System
- XLC-118i - Subwoofer Install Loudspeaker System
- P3000 - Precision Series™ Power Amplifier
- P2000 - Precision Series™ Power Amplifier
- P3000RL - Precision Series™ Remote Control Power Amplifier
- P1200RL - Precision Series™ Remote Control Power Amplifier
- Dx38 - Digital Sound System Controller
- DN9848 - Digital Sound Controller
- XLC-127 Cover - Protective Cover for Transporting
- XCOV4 Cover - Protective Cover Fits 4 XLC-127's for Transporting
- XFD-127 - Front Dolly for Rigging and Transporting
- XBD - 4-Tall Bottom Dolly for Rigging and Transporting
- XLC Series Quik-Rig™ Grid A1 - Grid for Hanging XLC Line-Arrays
- XLCi Series Fixed Installation Grid A2 - Grid for Hanging XLCi Line-Arrays

XLC-127/XLC-127+ Part Numbers:

- XLC-127 - 301282-001
- XLC-127+ - 301302-001
- XLCi-127 - 301386-001
- XLCi-127+ - 301387-001



Side

Dimension Chart

	XLC-127	XLC-127+	XLCi-127	XLCi-127+
W:	39.00" (991mm)	39.00" (991mm)	36.50" (927mm)	36.50" (927mm)
X:	8.31" (211mm)	7.94" (202mm)	8.31" (211mm)	7.94" (202mm)
Y:	19.44" (494mm)	19.56" (497mm)	18.19" (462mm)	18.31" (465mm)

EV Electro-Voice®

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

www.electrovoice.com

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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.