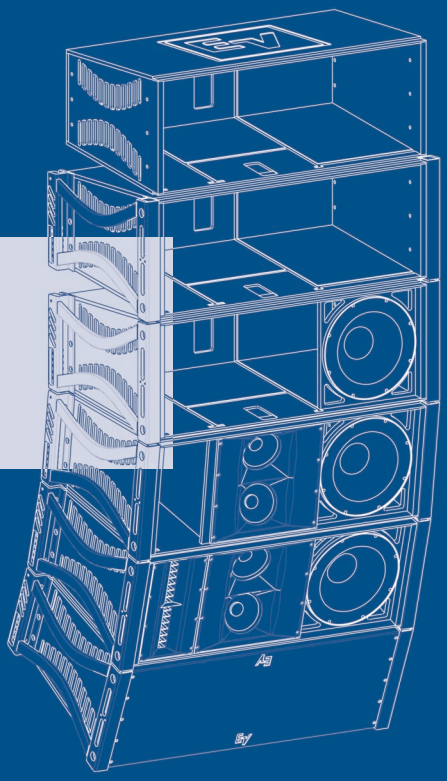
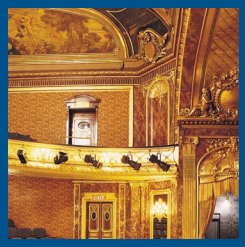
# X-LINE COMPACT™ LINEAR ARRAY LOUDSPEAKER SYSTEM





## EV® Line Arrays: A Breed Apart

When EV designers built their first line array, they didn't settle for average. They developed a system that addressed every concern raised by line-array users. The formidable EV™ X-Line™ not only provides easy rigging, but also combines EV's legendary sonic clarity and vocal intelligibility with the uniform, predictable coverage that only a superior line array can offer.

Now, the same designers have distilled the incredible sound of the X-Line into the new X-Line Compact. This revolutionary system delivers unprecedented performance and amazing flexibility to sound designers and installers everywhere. The applications list goes on and on: large indoor and outdoor spaces, high-ceiling venues, performing arts centers, auditoriums, large houses of worship with wide horizontal coverage requirements, coliseums, sports facilities, gymnasiums… anywhere first-quality sound is needed permanently.

## X$^{LC}$: Technology in Service of Perfection

The X-Line's legacy is readily evident in the new X$^{LC}$. Exceptional stereo imaging results from full-bandwidth midbass loading. Extended low-frequency polar control produces uniform power response and enhances system intelligibility. Onstage orientation of high-frequency components further improves stereo imaging and reduces polar lobing in the mid-bass response. Intelligent cabinet design minimizes the distance between drivers from cabinet to cabinet, maintaining true line-array characteristics even in curved-front arrays. Most importantly, the X$^{LC}$ uses EV's revolutionary vertical plane-wave generator to correct high-frequency phase response and make vertical wave-front summing exceptionally coherent. All this adds up to incredible sonic clarity and uniformity, even in hard-to-cover areas.

## Cabinets

The X$^{LC}$ system is designed for use in groups of four or more cabinets. As with the X-Line, three different cabinets offer maximum flexibility for applications. They are the X$^{LC}$ 127 main cabinet, the X$^{LC}$ 124 down fill cabinet, and the X$^{LC}$ 118 subwoofer.

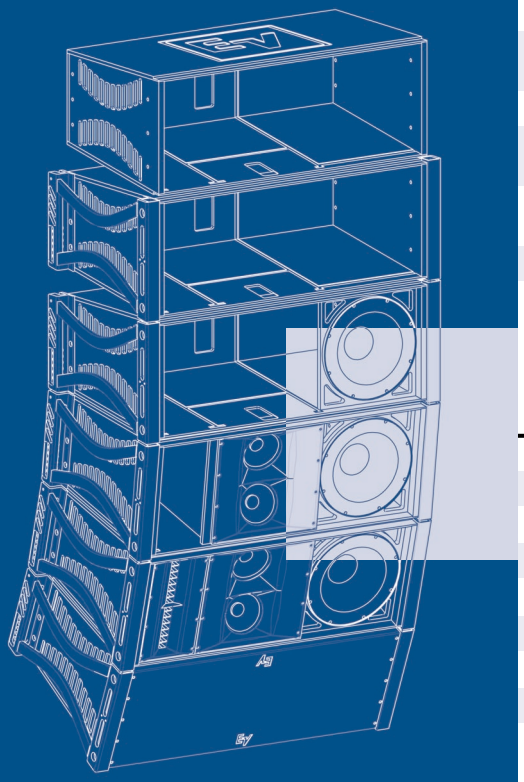
- The X$^{LC}$ 127's 3-way design employs an EV DL12 (X-variant) vented LF transducer, two 6.5" MF transducers on a 120° horizontal wave guide, and two EV DH2T 16-ohm HF transducers, each coupled through a vertical plane-wave generator to a 120° x 7° wave guide. The system can be either tri-amped or bi-amped in 2-way mode using the sophisticated internal passive MF-to-HF network.
- The X$^{LC}$ 124 provides critical under-the-array coverage. Its 3-way system uses the same components in the same configuration as the X$^{LC}$ 127, but only one DH2T HF transducer on a 120° x 40° wave guide.
- The X$^{LC}$ 118's single EVX180B driver provides solid sub-bass extension to the X$^{LC}$ 127 and 124. It can be either flown or ground stacked.

## Innovative Rigging

The X$^{LC}$'s advanced integrated rigging frame and easy-to-use, custom system hardware make one-person installations a reality. The captive front interlocking system has no separate parts to keep track of and "disappears" into the frame to maintain an uncluttered, attractive appearance. Single-pin rigging in the rear allows quick, easy adjustment of cabinet angles and array aiming. Straight-line arrays, curved arrays, and combinations of the two are all immediately configurable for every coverage need. It couldn't be easier.

## Key Features of the X-Line Compact™

- Control with predictability
- Compact, lightweight design
- Fast integrated rigging
- True 3-way design
- Software aiming program



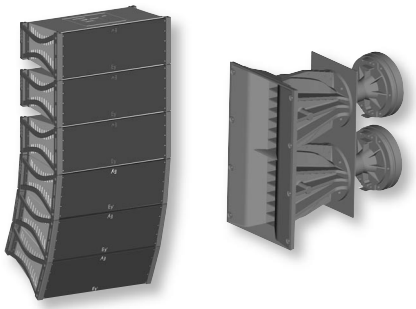
SPECIFICATIONS

### Technical Specifications for X$^{LC}$ Cabinets

| Specification | X$^{LC}$ 127 | X$^{LC}$ 124 | X$^{LC}$ 118 |
|---|---|---|---|
| Horizontal Coverage | 120° | 120° | 300° |
| LF Power Handling | 300 W cont./1200 W peak | 300 W cont./1200 W peak | 600 W cont./2400 W peak |
| MB Power Handling | 200 W cont./800 W peak | 200 W cont./800 W peak | — |
| HF Power Handling | 120 W cont./480 W peak | 60 W cont./240 W peak | — |
| Sensitivity (LF/MB/HF) | 95 dB/101 dB/110 dB | 95 dB/101 dB/110 dB | 96 dB (LF) |
| LF Transducer | 1 x 12" DL12 (X-variant) | 1 x 12" DL12 (X-variant) | 1 x 18" EVX180B |
| MB Transducer | 2 x 6.5" | 2 x 6.5" | — |
| HF Transducer | 2 x DH2T | 1 x DH2T | — |
| Connectors | 2 Neutrik® NL8 | 2 Neutrik® NL8 | 2 Neutrik® NL8 |
| Enclosure Material | Futura®-coated plywood | Futura®-coated plywood | Futura®-coated plywood |
| Grille | Steel | Steel | Steel |
| Environmental Specs | IEC 529 IP24 MIL STD 810 | IEC 529 IP24 MIL STD 810 | IEC 529 IP24 MIL STD 810 |
| Dimensions (H x W x D) | 14.25" x 39" x 22.5" (x x mm) | 14.25" x 39" x 22.5" (x x mm) | 21.5" x 39" x 22.5" (x x mm) |
| Net Weight | 110 lbs (kg) | 100 lbs (kg) | 120 lbs (kg) |
| Shipping Weight | 125 lbs (kg) | 115 lbs (kg) | 140 lbs (kg) |

### Technical Specifications for Four-Cabinet X$^{LC}$ 127 Array

| Specification | 4 x X$^{LC}$ 127 Array |
|---|---|
| Frequency Range (-3 dB) | 70 Hz–18 kHz |
| Sensitivity (1W@1m) | 112.5 dB |
| Max Calculated SPL (1W@1m) | 135 dB cont./141 dB peak |
| Horizontal Coverage | 120° |
| Vertical Coverage | Splay dependant |
| LF Power (recommended) | EV® P2000 |
| MB Power (recommended) | EV® P2000 |
| HF Power (recommended) | EV® P1200 |



*EV's revolutionary vertical plane-wave generator*

12000 Portland Avenue South
Burnsville, MN 55337
Phone: 800-828-6107, ext 7498
Fax: 952-887-5595
Web: www.electrovoice.com



Specifications subject to change without notice
PA20558