Electro-Voice

Pro Sound

Speakers and Electronics

Electro-Voice

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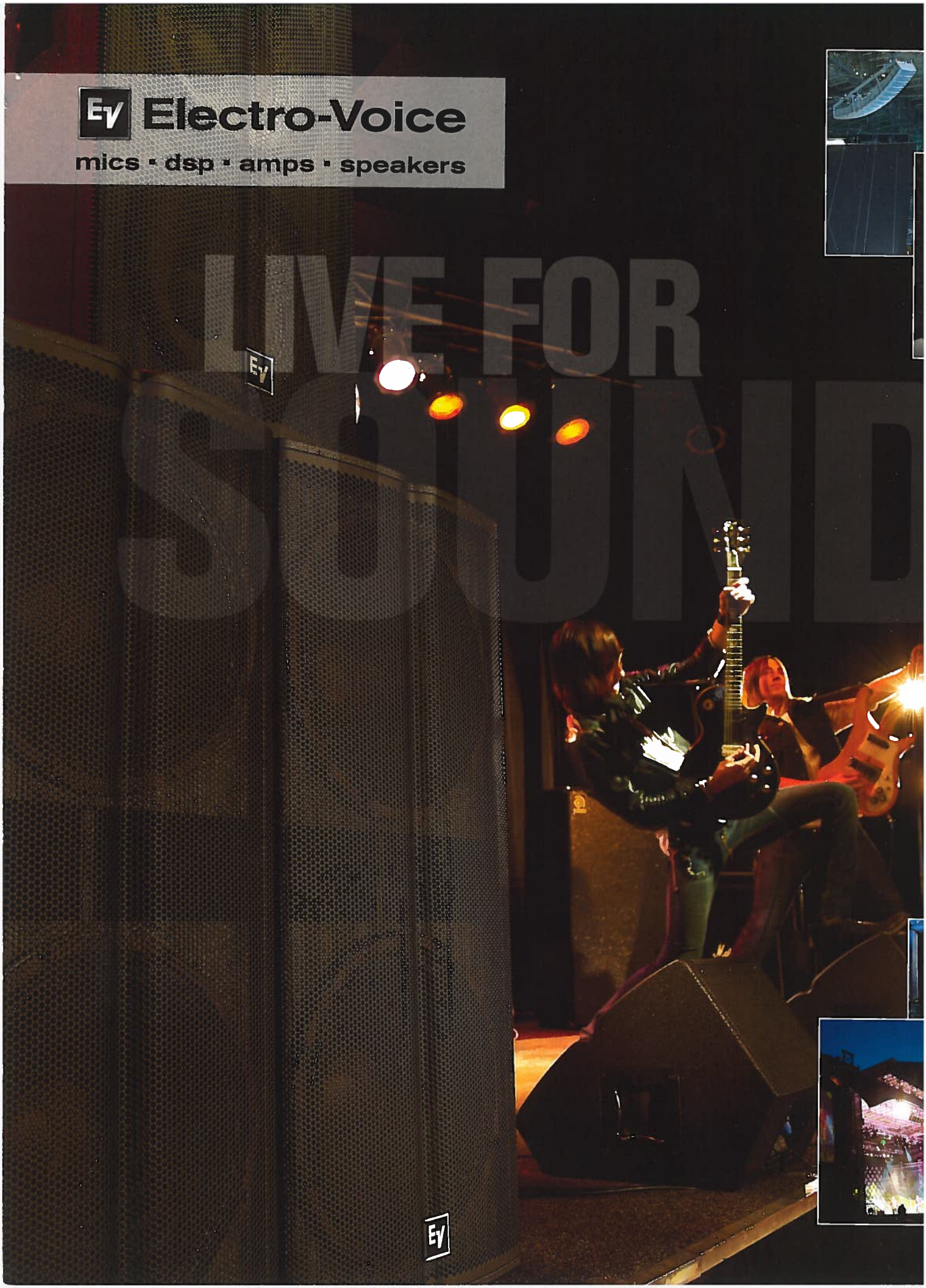

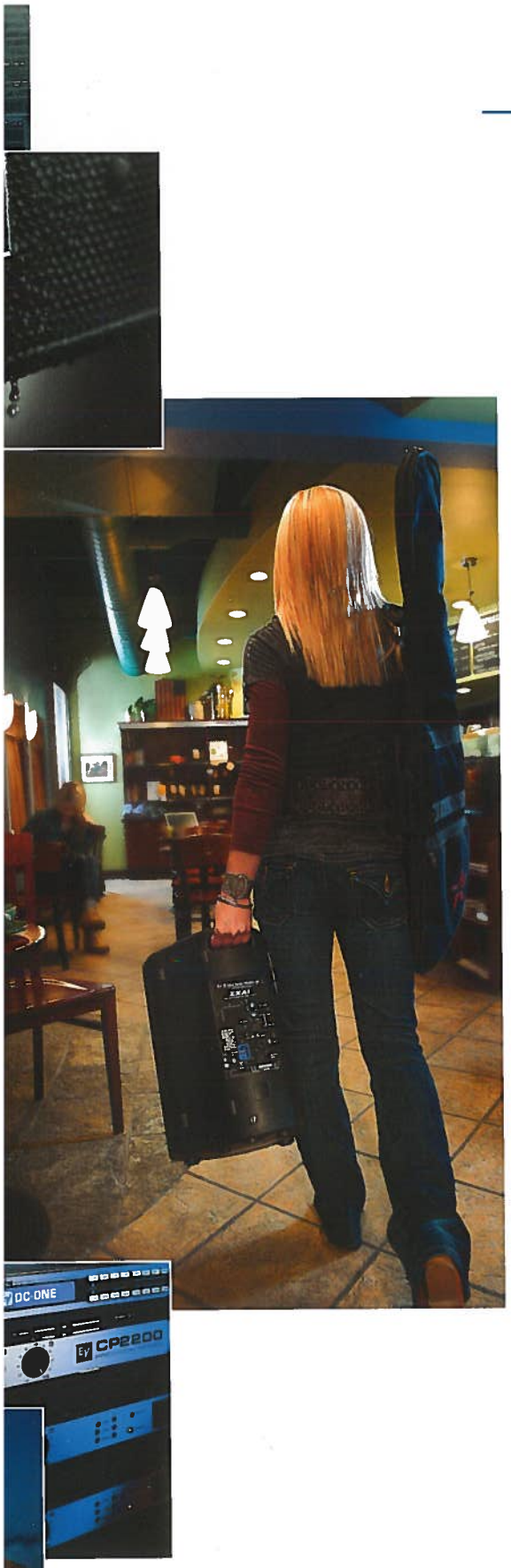

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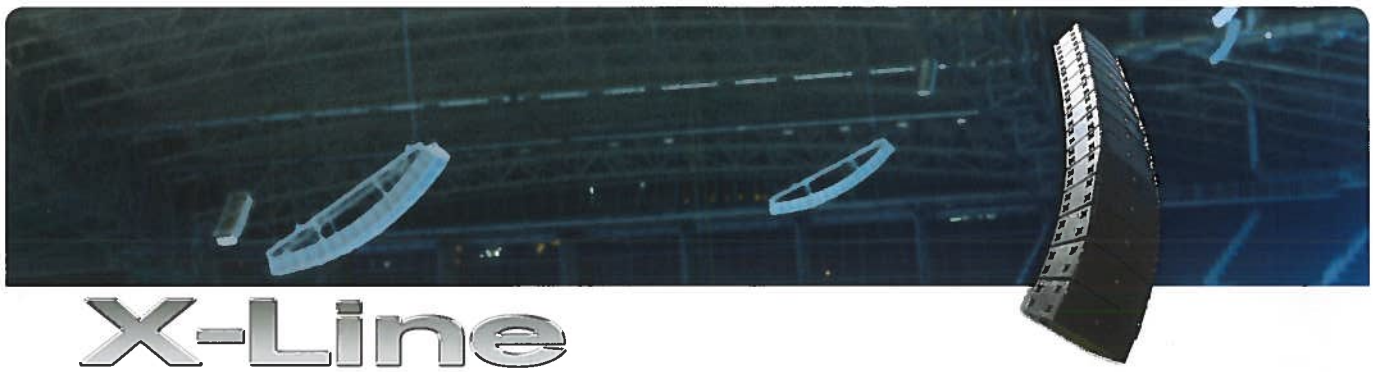


X-Line

X-Line is a large venue and concert sound loudspeaker system that combines high-level sonic impact and vocal intelligibility with the uniform, predictable coverage that only a line array can deliver. The X-Line system provides wide horizontal dispersion from a single vertical line array with exceptionally coherent wave-front summation in the vertical plane. Extended low-frequency polar control produces more uniform power response, further enhancing overall intelligibility.

The two full-range boxes in the line are three-way systems that incorporate the Electro-Voice Hydra time-synchronized, high-frequency plane wave generator to provide excellent summing in the far field. They also employ Ring-Mode Decoupling (RMD) to provide level-independent fidelity, greater mid-bass clarity, and high-frequency accuracy. All three models in the line share the same footprint and are connected by proprietary rigging that facilitates rapid venue load-in and load-out.

Xvls — Three-way, long-throw element

- Rectangular cabinet design
- 90° horizontal coverage pattern ideal for long-throw applications

Xvlt — Three-way, medium-throw element

- 5° trapezoidal cabinet design for lower "J" section of array
- 120° horizontal coverage typical for medium-throw assignment

Xsub(F) — Dual-18"" subwoofer element

- High-output line array subwoofer, rectangular footprint
- Available in flying and ground stack versions

	Xvls	Xvlt	Xsub(F)
Frequency Response (-3 dB)	50 - 16,000 Hz	50 - 16,000 Hz	40 - 400 Hz
Frequency Range (-10 dB)	30 - 17,000 Hz	30 - 17,000 Hz	35 - 500 Hz
Horizontal Coverage	90°	120°	—
Vertical Coverage*	5°	8°	8°
LF Power Handling[1]	1200 W continuous, 4800 W peak	1200 W continuous, 4800 W peak	1200 W continuous, 4800 W peak[4]
MB Power Handling[2]	600 W continuous, 2400 W peak	600 W continuous, 2400 W peak	—
HF Power Handling[3]	225 W continuous, 900 W peak	225 W continuous, 900 W peak	—
Sensitivity* LF/MB/HF	98/108/114 dB	97/107/114 dB	104 dB
Max. SPL* (calc., peak), LF/MB/HF	134/142/144 dB	133/141/144 dB	141 dB
Peak SPL @ 10m**	135 dB	135 dB	126 dB
LF Transducer	2 x 15-in EVX-155PL	2 x 15-in EVX-155PL	2 x 18-in EVX-180B
MB Transducer	2 x 8-in ND08	2 x 8-in ND08	—
HF Transducer	3 x 3-in ND6-16	3 x 3-in ND6-16	—
Connectors	2 Neutrik® NL8	2 Neutrik® NL8	2 Neutrik® NL8
Enclosure Material	Birch plywood, textured epoxy paint	Birch plywood, textured epoxy paint	Birch plywood, textured epoxy paint
Grille	Powder-coated steel	Powder-coated steel	Powder-coated steel
Environmental Specs	IEC 529 IP24, MIL STD 810	IEC 529 IP24, MIL STD 810	IEC 529 IP24, MIL STD 810
Dimensions (H (front/rear) x W x D) *	494.3/494.3 x 1244.6 x 740.4 mm 19.46/19.46 x 49 x 29.15 in	494.3/429.7 x 1244.6 x 740.4 mm 19.46/16.92 x 49 x 29.15 in	494.3/494.3 x 1244.6 x 740.4 mm 19.46/19.46 x 49 x 29.15 in
Net Weight *	117 kg (257 lbs)	115 kg (253 lbs)	92 kg (202 lbs)

* *Single Box @ 1 Meter. ** 4 Box Array @ 10 Meters. 1 – (50-200 Hz). 2 – (300-2000 Hz). 3 - (1200-8000 Hz). 4 - (50-100 Hz)

XLC

Whether at a medium-sized festival, in a large concert hall or house of worship, or as a supplementary system used with X-Line, XLC compact line arrays have a proven record of performance and reliability. It's no wonder that XLC is one of the most popular line array systems in the world. All modules incorporate Quik-Rig hardware for fast set-up and tear-down.

XLC127DVX
120° horizontal, three-way compact line array element

XLC907DVX
90° horizontal, three-way compact line array element

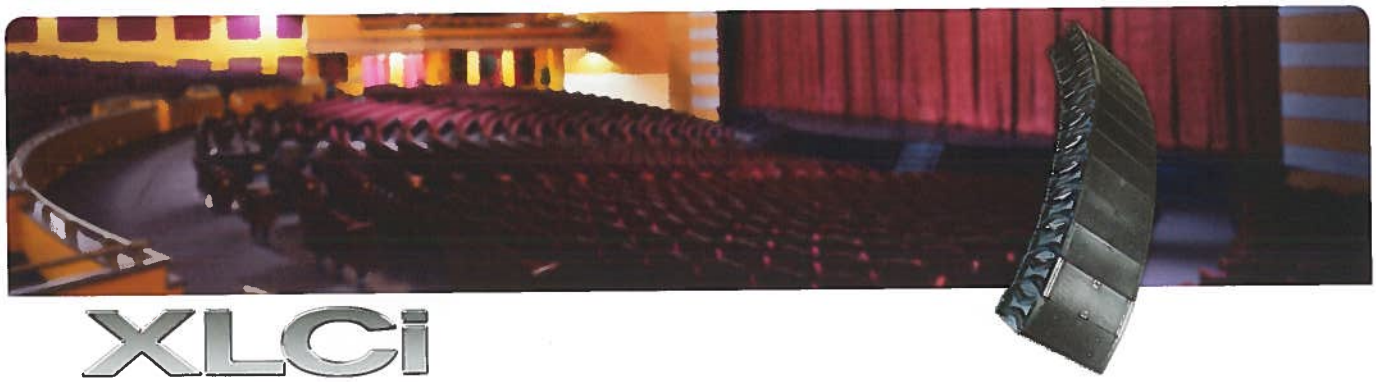
- Accurate vertical control and coverage
- Compact, lightweight modules
- Tri-amp operation; bi-amp operation with optional mid-high crossover
- Supported by LAPS II array design software

XLC215
High-output dual-15" subwoofer line array element

- 139-dB SPL from two DVX3150 woofers
- Footprint identical to XLC127DVX
- Optional adapter grid for use with XLD281 and XLD291

	XLC127DVX	XLC907DVX	XLC215
Frequency Response (-3 dB)	65 - 16,000 Hz	65 - 16,000 Hz	40 - 400 Hz
Frequency Range (-10 dB)	54 - 17,000 Hz	54 - 17,000 Hz	30 - 400 Hz
Horizontal Coverage	120°	90°	–
LF Power Handling[1]	500 W continuous, 2000 W peak	500 W continuous, 2000 W peak	1000 W continuous, 4000 W peak[4]
MB Power Handling[2]	300 W continuous, 1200 W peak	300 W continuous, 1200 W peak	–
HF Power Handling[3]	150 W continuous, 600 W peak	150 W continuous, 600 W peak	–
Sensitivity* LF/MB/HF	95/101/111 dB	95/101/112 dB	103 dB
Max. SPL* (calc., peak), LF/MB/HF	126/132/139 dB	126/132/140 dB	139 dB
Peak SPL @ 10m**	130 dB	130 dB	124 dB
LF Transducer	1 x 12-in DVX3121A	1 x 12-in DVX3121A	2 x 15-in DVX3151A
MB Transducer	2 x 6.5-in DVN 2065	2 x 6.5-in DVN2065	–
HF Transducer	2 x 3-in ND6-16	2 x 3-in ND6-16	–
Connectors	2 Neutrik® NL8	2 Neutrik® NL8	2 Neutrik® NL8
Enclosure Material	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood
Grille	Powder-coated steel	Powder-coated steel	Powder-coated 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) *	362 x 991 x 572 mm 14.25 x 39 x 22.5 in	362 x 990 x 572 mm 14.25 x 39 x 22.5 in	546 x 991 x 572 mm 21.5 x 39 x 22.5 in
Net Weight *	50.4 kg (111 lbs)	50.4 kg (111 lbs)	54.5 kg (120 lbs)

*Single Box @ 1 Meter. ** 4 Box Array @ 10 Meters. 1 – (100-500 Hz). 2 – (500-2000 Hz). 3 - (1600-8000 Hz). 4 - (60-100 Hz)



XLCi

XLCi is a version of the XLC line that has been adapted for permanent installations. XLCi features visually appealing rigging that won't distract from architectural aesthetics. The performance of the three modules in the line is virtually identical to that of the corresponding model in the XLC line. XLCi loudspeakers are supported by LAPS II Aiming Software.

XLCi127DVX

120° horizontal, three-way compact line array element

- Three-way full range
- 120° H coverage
- Precise vertical pattern control
- Tri-amp or optional bi-amp operation
- Compact and lightweight
- Fixed installation rigging

XLCi907DVX

90° horizontal, three-way compact line array element

- Three-way full range
- 90° H coverage
- Precise vertical pattern control
- Tri-amp or optional bi-amp operation
- Compact and lightweight
- Fixed installation rigging

XLCi215

High-output dual-15" subwoofer element

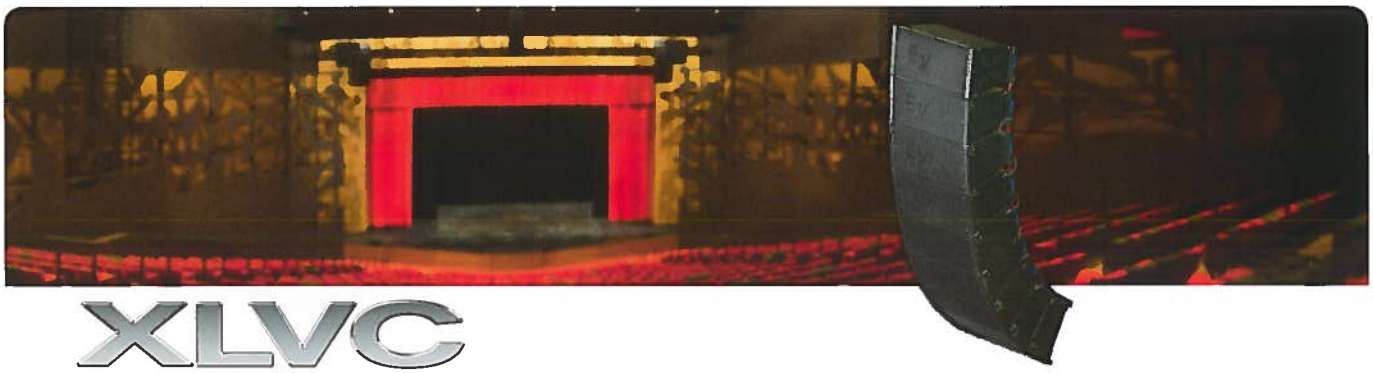
- Footprint identical to XLC-127DVX
- Two DVX3151A transducers

	XLCi127DVX	XLCi907DVX	XLCi215
Frequency Response (-3 dB)	65 - 16,000 Hz	65 - 16,000 Hz	40 - 400 Hz
Frequency Range (-10 dB)	54 - 17,000 Hz	54 - 17,000 Hz	30 - 400 Hz
Horizontal Coverage	120°	90°	300°
LF Power Handling[1]	500 W continuous, 2000 W peak	500 W continuous, 2000 W peak	1000 W continuous, 4000 W peak[4]
MB Power Handling[2]	300 W continuous, 1200 W peak	300 W continuous, 1200 W peak	—
HF Power Handling[3]	150 W continuous, 600 W peak	150 W continuous, 600 W peak	—
Sensitivity* LF/MB/HF	95/101/111 dB	95/101/112 dB	103 dB
Max. SPL* (calc., peak), LF/MB/HF	126/132/139 dB	126/132/140 dB	139 dB
Peak SPL @ 10m**	130 dB	130 dB	124 dB
LF Transducer	1 x 12-in DVX3121A	1 x 12-in DVX3121A	2 x 15-in DVX3151A
MB Transducer	2 x 6.5-in DVN 2065	2 x 6.5-in DVN2065	—
HF Transducer	2 x 3-in ND6-16	2 x 3-in ND6-16	—
Connectors	2 Neutrik® NL8	2 Neutrik® NL8	2 Neutrik® NL8
Enclosure Material	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood
Grille	Powder-coated steel	Powder-coated steel	Powder-coated 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)*	362 x 991 x 572 mm 14.25 x 39 x 22.5 in	362 x 990 x 572 mm 14.25 x 39 x 22.5 in	546 x 991 x 572 mm 21.5 x 39 x 22.5 in
Net Weight*	50,4 kg (111 lbs)	50.4 kg (111 lbs)	54.5 kg (120 lbs)

*Single Box @ 1 Meter. ** 4 Box Array @ 10 Meters. 1 – (100-500 Hz). 2 – (500-2000 Hz). 3 - (1600-8000 Hz). 4 - (60-100 Hz)

XLVC

Live for Sound



When a line array with limited size and weight is required, XLVC is the choice of professionals around the world. XLVC Very Compact Line Arrays combine reliability, intelligibility, and sonic horsepower in a package that is easy to configure and suspend. All cabinets feature simple, quick, integrated rigging.

System design is easy using Electro-Voice's free LAPS II software.

XLD281 — Three-way, dual-8" line array element, 120° horizontal dispersion

- Control Coverage Technology (CCT) maintains 120° horizontal coverage angle to 250 Hz; 10° vertical coverage
- Bi-amp or tri-amp operation

XLD291 — Three-way, dual-8" line array element, 90° horizontal dispersion

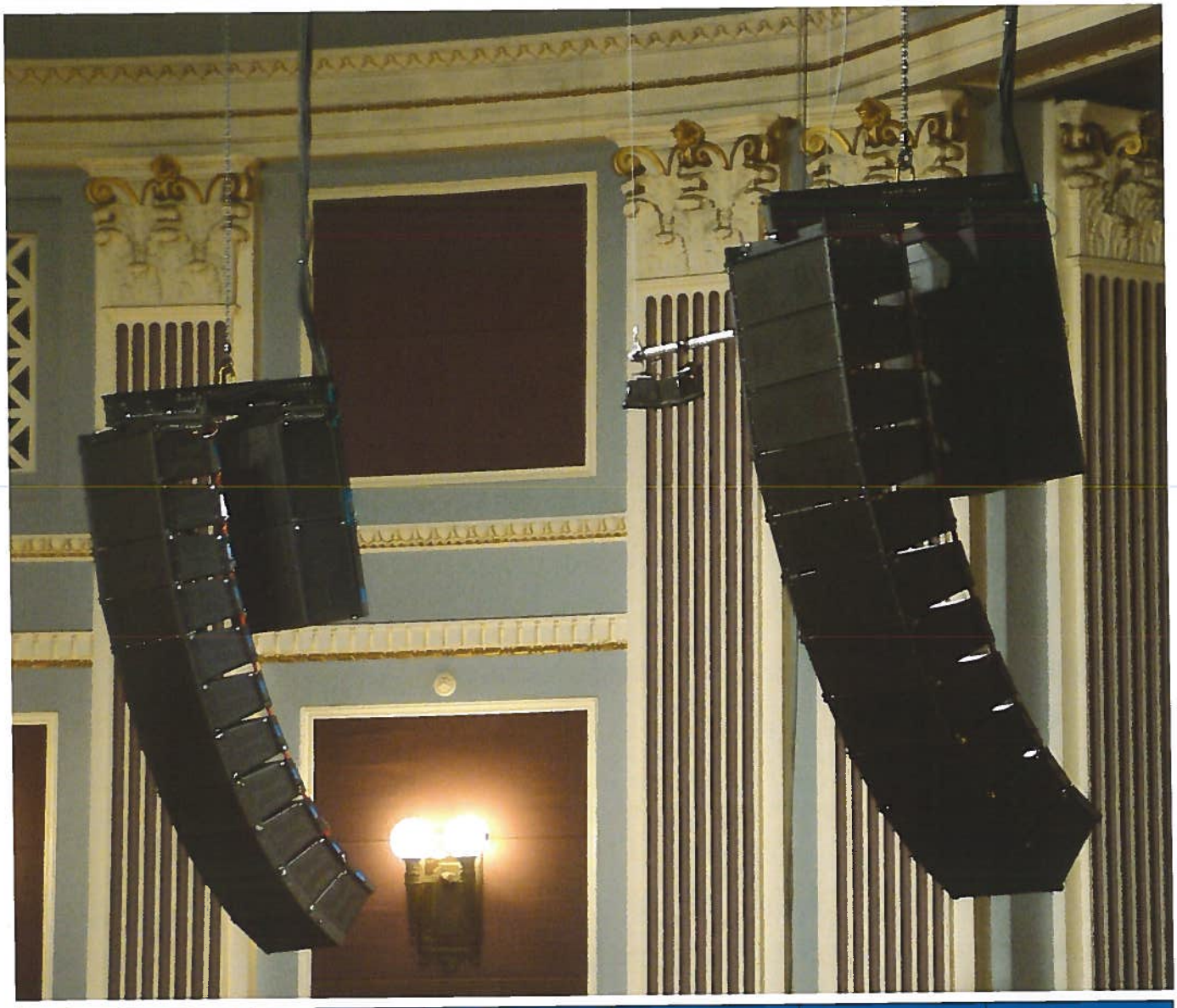
- Control Coverage Technology (CCT) maintains 90° horizontal coverage angle to 200 Hz; 10° vertical coverage
- Bi-amp or tri-amp operation

XLE181, XLE191 — Two-way, single-8" line array elements

- 120°H x 10°V (XLE181)
- 90°H x 10°V (XLE191)
- Bi-amp or passive operation

XCS312 — Triple-12" cardioid bass element

- Contains three DVX3120 12" low-frequency transducers
- 1,500-W continuous, 6,000-W peak power handling



	XLD 281	XLD 291	XLE 181	XLE 191	XCS312
Frequency Response (-3 dB)	65 - 16,000 Hz	65 – 16,200 Hz	65 - 16,000 Hz	65 - 16,200 Hz	45 - 100 Hz
Frequency Range (-10 dB)	56 - 16,500 Hz	56 - 16,700 Hz	56 - 16,500 Hz	56 - 16,700 Hz	40 - 100 Hz
Horizontal Coverage	120°	90°	120°	90°	200°
LF1 Power Handling[1]	200 W continuous, 800 W peak	200 W continuous, 800 W peak	200 W continuous, 800 W peak	200 W continuous, 800 W peak	1000 W continuous, 4000 W peak[4]
LF2 Power Handling[2]	200 W continuous, 800 W peak	200 W continuous, 800 W peak	—	—	500 W continuous, 1000 W peak[4]
HF Power Handling[3]	80 W continuous, 320 W peak	80 W continuous, 320 W peak	80 W continuous, 320 W peak	80 W continuous, 320 W peak	—
Sensitivity* LF-MB/HF	99/112 dB	99/113 dB	99/112 dB	99/113 dB	100 dB
Max. SPL* (calc., peak), LF-MB/HF	128/137 dB	128/138 dB	128/137 dB	128/138 dB	136 dB
Peak SPL @ 10m**	129 dB	130 dB	129 dB	130 dB	121 dB
LF Transducer	1 x 8-in DVN2080	1 x 8-in DVN2080	1 x 8-in DVN2080	1 x 8-in DVN2080	3 x 12-in DVX3120A
LF-MB Transducer	1 x 8-in DVN2080	1 x 8-in DVN2080	—	—	—
HF Transducer	2 x 2-in ND2S	2 x 2-in ND2S	2 x 2-in ND2S	2 x 2-in ND2S	—
Connectors	2 Neutrik® NL8	2 Neutrik® NL8	2 Neutrik® NL8	2 Neutrik® NL8	2 Neutrik® NL8
Enclosure Material	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood	EVCoat®-coated birch plywood
Grille	Powder-coated steel	Powder-coated steel	Powder-coated steel	Powder-coated steel	Powder-coated steel
Environmental Specs	IEC 529 IP24, MIL STD 810				
Dimensions (H x W x D)	251 x 726 x 369 mm 9.9 x 28.58 x 14.52 in	251 x 726 x 369 mm 9.9 x 28.58 x 14.52 in	251 x 516 x 369 mm 9.9 x 20.3 x 14.52 in	251 x 516 x 369 mm 9.9 x 20.3 x 14.52 in	508 x 726 x 677 mm 20 x 28.58 x 26.65 in
Net Weight	21.8 kg (48 lbs)	21.8 kg (48 lbs)	17.24 kg (38 lbs)	17.24 kg (38 lbs)	67.13 kg (148 lbs)

*Single Box @ 1 Meter. ** 4 Box Array @ 10 Meters. 1 – (750-1750 Hz). 2 – (100-750 Hz). 3 - (1500-6500 Hz). 4 - (60-100 Hz)

Xi-Series

Live for Sound

The Electro-Voice Xi series brings premium, tour-quality sound to installation. The Xi series offers a potent combination of high output and ultra-linear performance in two-way systems. Xi series loudspeakers incorporate the acoustic advantages of Ring-Mode Decoupling (RMD) and feature HP horns to secure excellent directivity control and even coverage. To achieve sound performance without compromise, the Xi series is designed for active operation, with the exception of the Xi-1082, which contains a passive crossover network. Xi loudspeaker cabinets are made of 18-mm, 13-ply birch plywood finished in black, textured paint, and are protected by a full-face, steel front grille that is backed with foam. All systems except the Xi-1082 have integrated handles and two L-tracks on the top and bottom. A detailed flying manual is available.

Xi-1082

8-inch two-way full-range loudspeaker

- Ultra-compact, low profile
- Wide-range reproduction, maximized intelligibility
- Optimal under-balcony enclosure angles
- Suited for front-of-stage and near-field use
- Trapezoidal enclosure, vented for extended LF
- 1.25-inch DH3/2010A titanium-diaphragm HF driver
- Two 3/8-inch mounting bracket inserts
- Compatible with OmniMount® Series 100
- Textured black finish

Xi-1122A/85F

12-inch two-way full-range loudspeaker

- Ultra-compact, high output
- Professional touring or installation
- Maximum intelligibility for voice
- 3-inch Neodymium HF driver
- Trapezoidal (15° / side) 13-ply birch enclosure
- Built-in L-Track rigging
- 35 mm stand mount
- Integrated handles
- Available in black or white

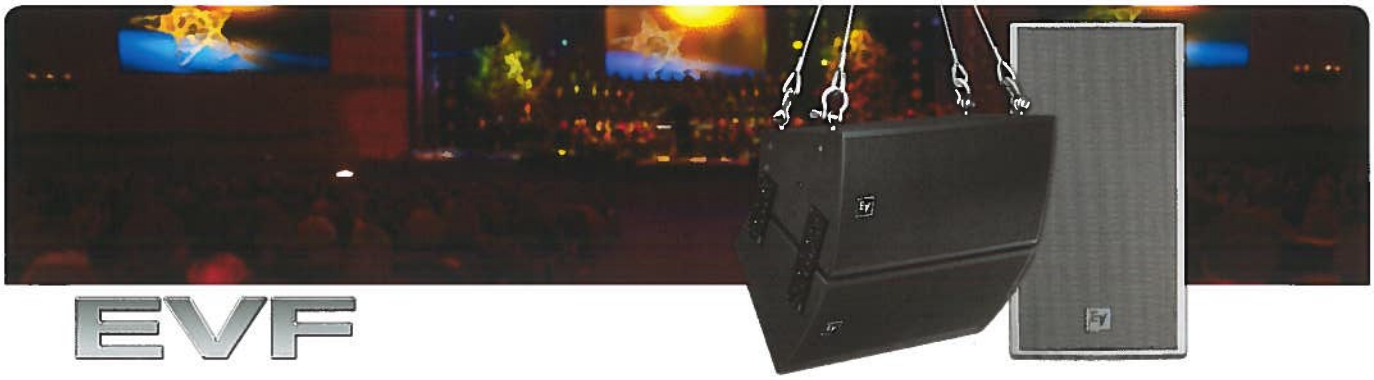
Xi-1152A/64F, Xi-1152A/94F 15-inch two-way full-range loudspeakers

- High-SPL in limited-space applications
- Maximum intelligibility for voice
- EVX155 woofer with 4-inch voice coil and Ring-Mode Decoupling (RMD™)
- 3-inch ND6-16 neodymium HF driver
- Rotatable 60° x 40° (64F) or 90° x 40° (94F) coverage
- Solid bass down to 50 Hz (-3 dB)
- Trapezoidal (15° / side) 13-ply birch enclosure
- Built-in L-Track rigging
- 35 mm stand mount
- Integrated handles
- Available in black or white

	Xi-1082	Xi-1122A/85F	Xi-1152A/64F	Xi-1152A/94F
Frequency Response (-3 dB)	50 - 20,000 Hz	58 - 17,000 Hz	50 - 16,000 Hz	50 - 16,000 Hz
Recommended High-Pass Frequency	60-80 Hz (12 dB/octave)	Dx46 preset	Dx46 preset	Dx46 preset
Axial Sensitivity (SPL, 1 W @ 1 m)	90 dB (LF/HF)	99/110 dB (LF/HF)	98/113 dB (LF/HF)	98/112 dB (LF/HF)
Max. SPL @ 1 m (calc.), full space	118 dB (LF/HF)	130/135 dB (LF/HF)	132/138 dB (LF/HF)	132/137 dB (LF/HF)
Long-Term Power Handling	175 W (LF/HF)	300/75 W (LF/HF)	600/75 W (LF/HF)	600/75 W (LF/HF)
Short-Term Power Handling (peak)	700 W (LF/HF)	1200/300 W (LF/HF)	2400/300 W (LF/HF)	2400/300 W (LF/HF)
Coverage (nominal -6 dB) H° x V°	90° x 40° (Const.-dir. horn)	80° x 55° (Const.-dir. horn)	60° x 40° (Const.-dir. horn)	90° x 40° (Const.-dir. horn)
Directivity Index	11.2 dB (+1.8/-2.7 dB) 2,000 - 20,000 Hz	10.9 dB (+1.2/-2.9 dB) 1200 - 16,000 Hz	13.4 dB (+1.3/-2.3 dB) 1200 - 16,000 Hz	12.3 dB (+0.7/-1.5 dB) 1200 - 16,000 Hz
LF woofer (transducer)	8-inch	12-inch (DL-type)	15-inch (EVX-155)	15-inch (EVX-155)
MB woofer (transducer)	—	—	—	—
HF throat diameter (transducer)	1-inch (DH3/2010A)	1.4-inch (ND6-16)	1.4-inch (ND6-16)	1.4-inch (ND6-16)
Crossover Frequencies	3,500 Hz (passive)	Dx46 preset	Dx46 preset	Dx46 preset
Nominal Impedance	8 Ω (LF/HF)	8 Ω/16 Ω (LF/HF)	8 Ω/16 Ω (LF/HF)	8 Ω/16 Ω (LF/HF)
Minimum Impedance	5.8 Ω (LF/HF)	8.5 Ω/13.4 Ω (LF/HF)	6.3 Ω/14.0 Ω (LF/HF)	6.3 Ω/12.2 Ω (LF/HF)
Input Connections	barrier strip	2 four-pin Speakon	2 four-pin Speakon	2 four-pin Speakon
Dimensions (H x W at front x D)	235 x 488 x 285 mm 9.25 x 11.21 x 11.22 in	584 x 375 x 356 mm 22.99 x 14.76 x 14.01 in	759 x 450 x 413 mm 29.88 x 1772 x 16.26 in	759 x 450 x 413 mm 29.88 x 1772 x 16.26 in
Net Weight	13.3 kg (29.3 lbs.)	31.3 kg (69 lbs.)	40.8 kg (89.9 lbs.)	40.8 kg (89.9 lbs.)

EVF Front-Loaded Systems

Live for Sound



EVF is the most comprehensive series of front-loaded loudspeaker systems ever offered for installed sound. Available in 12" or 15" two-way configurations, and enhanced with dedicated low-frequency systems, EVF loudspeakers match exceptional audio performance, efficiency, ease-of-use, and aesthetics with unprecedented value. EVF systems incorporate the latest Electro-Voice components to ensure years of reliable use and consistently excellent sound. "S" designated systems are equipped with SMX series symmetric drive woofers and BD2B 2-inch titanium compression drivers; "D" designated systems are equipped with our highest performance DVX series symmetric drive woofers and the DH4M 3" pure titanium compression driver.

EVF two-way full-range systems are offered in seven coverage patterns that provide solutions for the widest possible range of installation challenges. The 12" Constant Directivity waveguides can be rotated to work with a vertical or horizontal orientation. Bi-amp operation is supported, but the sophisticated fourth-order crossover and protection network makes cost-saving, passive operation extremely attractive. Using optional rigging accessories, you can create attractive clusters that include EVF full-range systems, as well as EVF subwoofers or EVH full-range systems. Cabinets are available in three finishes: EVCoat (interior use), PI (indirect weather exposure), and FG fiberglass - for direct weather exposure; they include twenty-two M10 threaded suspension points.

EVF-1122S

12-inch two-way full-range loudspeakers

- 2-inch ND2B titanium HF compression driver
- Rotatable Constant-directivity waveguide
- Six available patterns with coverage from 40° to 120°
- 98 dB sensitivity, 131 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- 4th-order passive crossover with HF protection
- Trapezoidal 13-ply birch enclosure in three finishes: EVCoat, PI, and fiberglass (FG)

EVF-1152S

15-inch two-way full-range loudspeakers

- 2-inch ND2B titanium HF compression driver
- Rotatable Constant-directivity waveguide
- Six available patterns with coverage from 30° to 90°
- 101 dB sensitivity, 134 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- 4th-order crossover with HF protection
- Trapezoidal 13-ply birch enclosure in three finishes: EVCoat, PI, and fiberglass (FG)

EVF Front-Loaded Systems

	EVF-1122S/64	EVF-1122S/66	EVF-1122S/94	EVF-1122S/96	EVF-1122S/99	EVF-1122S/126
Frequency Response (-3 dB)	58 – 16000 Hz[1,3]					
Frequency Range (-10 dB)	49 – 19000 Hz[1,2]					
Recommended High-Pass Frequency	65 Hz					
Sensitivity (SPL, 1 W/1 m)	98 dB					
Max. SPL @ 1 m (calc.)	131 dB					
System Power Handling (Continuous[3], Program, Peak)	500 W, 1000 W, 2000 W					
Nominal Impedance (Passive)	8 Ω					
Minimum Impedance	6 Ω					
Input Connections	Phoenix/Euroblock style screw terminals; PI and FG versions include dual-gland-nut input-panel cover					
Coverage (Nominal -6 dB) H°	60°	60°	90°	90°	90°	120°
Coverage (Nominal -6 dB) V°	40°	60°	40°	60°	90°	60°
LF Transducer	SMX2121 12-inch (305 mm) driver					
HF Transducer	ND2B 2-inch (51 mm) diaphragm compression driver					
Internal Passive Crossover Frequency	1450 Hz					
Enclosure Material	13-ply weather-resistant birch					
Grille	Standard versions: 16-ga Galvanneal, Powdercoat, with screen behind PI and FG versions: 18-ga Stainless, Powdercoat, with hydrophobic cloth behind					
Environmental	Standard versions: IEC 60529 IP44 PI and FG versions: IEC 60529 IP55					
Suspension	(22) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)					
Dimensions (H x W x D)	768.6 x 406.3 x 413.3 mm 30.26 x 16 x 16.27 in					
Net Weight	63.1 lb (28.6 kg)					

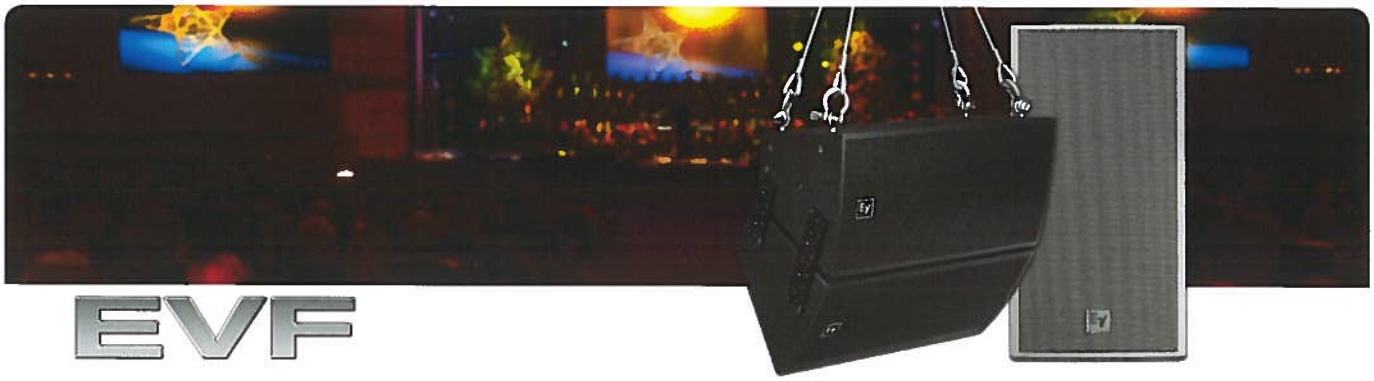
[1] Half-space measurement in passive mode
[2] FG (full outdoors) versions have no enclosure vents, somewhat reducing their low frequency response
[3] EIA RS-426A (eight hours)

	EVF-1152S/43	EVF-1152S/64	EVF-1152S/66	EVF-1152S/94	EVF-1152S/96	EVF-1152S/99
Frequency Response (-3 dB)	70 – 14000 Hz[1,3]					
Frequency Response (-3 dB)	70 – 14000 Hz[1,2]					
Frequency Range (-10 dB)	41 – 18000 Hz[1,3]					
Recommended High-Pass Frequency	45 Hz					
Sensitivity (SPL, 1 W/1 m)	101 dB					
Max. SPL @ 1 m (calc.)	134 dB					
System Power Handling (Continuous[3], Program, Peak)	500, 1000, 2000 W					
Nominal Impedance (Passive)	8 Ω					
Minimum Impedance	6 Ω					
Input Connections	Phoenix/Euroblock style screw terminals; PI and FG versions include dual-gland-nut input-panel cover					
Coverage (Nominal -6 dB) H x V	40° x 30°	60° x 40°	60° x 60°	90° x 40°	90° x 60°	90° x 90°
LF Transducer	SMX2151 15-inch (381 mm) driver					
HF Transducer	ND2B 2-inch (51 mm) diaphragm compression driver					
Internal Passive Crossover Frequency	1450 Hz					
Enclosure Material	13-ply weather-resistant birch					
Grille	Standard versions: 16-ga Galvanneal, Powdercoat, with screen behind PI and FG versions: 18-ga Stainless, Powdercoat, with hydrophobic cloth behind					
Environmental	Standard versions: IEC 60529 IP44 PI and FG versions: IEC 60529 IP55					
Suspension	(22) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)					
Dimensions (H x W x D)	768.6 x 469.8 x 466.6 mm 30.26 x 18.5 x 18.37 in					
Net Weight	70.9 lb (32.1 kg)					

[1] Half-space measurement in passive mode
[2] FG (full outdoors) versions have no enclosure vents, somewhat reducing their low frequency response
[3] EIA RS-426A (eight hours)

EVF Front-Loaded Systems

Live for Sound



EVF "D" systems are equipped with our highest performance DVX series symmetric drive woofers and the DH4M 3" pure titanium compression driver.

The result is lower-distortion, cleaner sound reproduction at a given output level, compared with the equivalent "S" version.

EVF-1122D

Premium 12-inch two-way full-range loudspeakers

- 3-inch DH7N titanium/neodymium HF compression driver
- Rotatable Constant-directivity waveguide
- Six available patterns with coverage from 40° to 120°
- 97 dB sensitivity, 131 dB maximum SPL
- Power handling: 600 W continuous, 2400 W peak
- 4th-order passive crossover with HF protection
- Trapezoidal 13-ply birch enclosure in three finishes: EVCoat, PI, and fiberglass (FG)

EVF-1152D

Premium 15-inch two-way full-range loudspeakers

- Compact and lightweight
- Low distortion, high efficiency
- Ideal for fixed installations
- DVX3151A woofer with fully symmetric drive
- 3-inch DH7N titanium/neodymium HF compression driver
- Rotatable Constant-directivity waveguide
- Six available patterns with coverage from 30° to 90°
- 100 dB sensitivity, 134 dB maximum SPL
- Power handling: 600 W continuous, 2400 W peak
- 4th-order crossover with HF protection
- Trapezoidal 13-ply birch enclosure in three finishes: EVCoat, PI, and fiberglass (FG)
- M10 threaded suspension points (22)
- Transformer kit available for distributed systems

EVF Front-Loaded Systems

	EVF-1122D/64	EVF-1122D/66	EVF-1122D/94	EVF-1122D/96	EVF-1122D/99	EVF-1122D/126
Frequency Response (-3 dB)	57 – 18,000 Hz[1,2]					
Frequency Range (-10 dB)	49 – 21,000 Hz[1,2]					
Recommended High-Pass Frequency	65 Hz					
Sensitivity 1 W/1 m	97 dB					
Max. SPL/1 m (Calculated)[1]	131 dB					
System Power Handling (Continuous[3], Program, Peak)	600, 1200, 2400 W					
Nominal Impedance (Passive)	8 Ω					
Minimum Impedance	6 Ω					
Input Connections	Phoenix/Euroblock style screw terminals; PI and FG versions include dual-gland-nut input-panel cover					
Coverage (Nominal -6 dB), H x V	60° x 40°	60° x 60°	90° x 40°	90° x 60°	90° x 90°	120° x 60°
LF Transducer	DVX3121A 12-inch (305 mm) woofer					
HF Transducer	DH7N 3-inch (76 mm) diaphragm compression driver					
Internal Passive Crossover Frequency	1300 Hz					
Enclosure Material	13-ply weather-resistant birch					
Grille	Standard versions: 16-ga Galvanneal, Powdercoat, with screen behind PI and FG versions: 18-ga Stainless, Powdercoat, with hydrophobic cloth behind					
Environmental	Standard versions: IEC 60529 IP44 PI and FG versions: IEC 60529 IP55					
Suspension	(22) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)					

[1] Half-space measurement in passive mode
[2] FG (full outdoors) versions have no enclosure vents, somewhat reducing their low frequency response
[3] EIA RS-426A (eight hours)

	EVF-1152D/43	EVF-1152D/64	EVF-1152D/66	EVF-1152D/94	EVF-1152D/96	EVF-1152D/99
Frequency Response (-3 dB)	70 – 18,000 Hz[1,2]					
Frequency Range (-10 dB)	40 – 21,000 Hz[1,2]					
Recommended High-Pass Frequency	45 Hz					
Sensitivity 1 W/1 m	100 dB					
Max. SPL/1 m (Calculated)[1]	134 dB					
System Power Handling (Continuous[3], Program, Peak)	600, 1200, 2400 W					
Nominal Impedance (Passive)	8 Ω					
Minimum Impedance	6 Ω					
Input Connections	Phoenix/Euroblock style screw terminals; PI and FG versions include dual-gland-nut input-panel cover					
Coverage (Nominal -6 dB), H x V	40° x 30°	60° x 40°	60° x 60°	90° x 40°	90° x 60°	90° x 90°
LF Transducer	DVX3151A 15-inch (381 mm) woofer					
HF Transducer	DH7N 3-inch (76 mm) diaphragm compression driver					
Internal Passive Crossover Frequency	1300 Hz					
Enclosure Material	13-ply weather-resistant birch					
Grille	Standard versions: 16-ga Galvanneal, Powdercoat, with screen behind PI and FG versions: 18-ga Stainless, Powdercoat, with hydrophobic cloth behind					
Environmental	Standard versions: IEC 60529 IP44 PI and FG versions: IEC 60529 IP55					
Suspension	(22) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)					
Dimensions (H x W x D)	768.6 x 469.8 x 466.6 mm 30.26 x 18.5 x 18.37 in					
Net Weight	75.7 lb (34.4 kg)					

[1] Half-space measurement in passive mode
[2] FG (full outdoors) versions have no enclosure vents, somewhat reducing their low frequency response
[3] EIA RS-426A (eight hours)

EVF Front-Loaded Subwoofers

Live for Sound

A range of acoustically and aesthetically matched front-loaded low-frequency systems are available to compliment your full-range systems.

EVF-1121S 12-inch front-loaded bass element

- Enhanced bass for installations
- Low-distortion EVS12SB woofer
- 99 dB sensitivity, 135 dB maximum SPL
- Power: 400 W continuous, 1600 W peak
- Trapezoidal 13-ply birch enclosure
- EVCoat, PI, or fiberglass (FG) finish
- M10 threaded suspension points (22)
- Transformer kit available for 70 or 100 V

EVF-1151S 15-inch front-loaded bass element

- Enhanced bass for installations
- Low-distortion EVS15SB woofer
- 103 dB sensitivity, 135 dB maximum SPL
- Power: 400 W continuous, 1600 W peak
- Trapezoidal 13-ply birch enclosure
- EVCoat, PI, or fiberglass (FG) finish
- M10 threaded suspension points (22)
- Transformer kit available for 70 or 100 V

EVF-1181S 18-inch front-loaded subwoofer

- Ideal for installations
- Low-distortion EVS18SB woofer
- 99 dB sensitivity, 131 dB max SPL
- Power: 400 W cont., 1600 W peak
- Trapezoidal 13-ply birch enclosure
- EVCoat, PI, or fiberglass (FG) finish
- M10 suspension points (28)
- Transformer kit for 70 or 100 V

EVF-2121S 18-inch front-loaded subwoofer

- Ideal for installations
- Low-distortion EVS18SB woofer
- 100 dB sensitivity, 135 dB max SPL
- Power: 800 W cont., 3200 W peak
- Trapezoidal 13-ply birch enclosure
- EVCoat, PI, or fiberglass (FG) finish
- M10 suspension points (22)
- Transformer kit for 70 or 100 V

EVF-2151D

Dual 15-inch front-loaded subwoofer

- High power for installations
- Two premium DVX3159A woofers
- 101 dB sensitivity, 137 dB max SPL
- Power: 1000 W cont., 4000 W peak
- Trapezoidal 13-ply birch enclosure
- EVCoat, PI, or fiberglass (FG) finish
- M10 suspension points (28)
- Transformer kit for 70 or 100 V

	EVF-1121S	EVF-1151S	EVF-2121S	EVF-1181S	EVF-2151D
Frequency Response (-3 dB)	70 – 98 Hz[1,2]	67 – 95 Hz[1,2]	54 – 145 Hz[1,2]	35 – 100 Hz[1,2]	40 – 2600 Hz[1,2]
Frequency Range (-10 dB)	48 – 120 Hz[1,2]	46 – 124 Hz[1,2]	41 – 330 Hz[1,2]	28 – 650 Hz[1,2]	30 – 3200 Hz[1,2]
Recommended High-Pass Frequency	50 Hz	35 Hz	45 Hz	33 Hz	35 Hz
Internal Passive Low-Pass Filter	100 Hz, 12 dB per octave		none	none	none
Sensitivity (SPL, 1 W/1 m)	99 dB	103 dB	100 dB	99 dB	101 dB
Max. SPL @ 1 m (calc.)	135 dB		135 dB	131 dB	137 dB
System Power Handling (Continuous[3], Program, Peak)	400, 800, 1600 W		800, 1600, 3200 W	400, 800, 1600 W	1000, 2000, 4000 W
Nominal Impedance	Passive: 4 Ω, Biamp: 8 Ω		Passive: N/A, Biamp: 4 Ω	Passive: N/A, Biamp: 8 Ω	Passive: N/A, Biamp: 4 Ω
Minimum Impedance	Passive: 3.4 Ω Biamp: 5.5 Ω	Biamp: 6.4 Ω	Passive: N/A Biamp: 2.8 Ω	Passive: N/A Biamp: 6 Ω	Passive: N/A Biamp: 2.7 Ω
Input Connections	Phoenix/Euroblock style screw terminals; PI and FG versions include dual-gland-nut input-panel cover				
Coverage (Nominal -6 dB)	Omnidirectional in normal operating range				
Transducer	EVS12SB 12-inch (305 mm) driver	EVS15SB 15-inch (381 mm) driver	Two EVS12SB 12-inch (305 mm) driver	EVS18SB 18-inch (457 mm) driver	Two DVX3159A 15-inch (381 mm) drivers
Enclosure Material	13-ply weather-resistant birch				
Grille	Standard versions: 16-ga Galvanneal, Powdercoat, with screen behind. PI and FG versions: 18-ga Stainless, Powdercoat, with hydrophobic cloth behind				
Environmental	Standard versions: IEC 60529 IP44. PI and FG versions: IEC 60529 IP55				
Suspension	(22) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)			(28) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)	(28) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)
Dimensions (H x W x D)	768.6 x 406 x 413.3 mm 30.26 x 16.0 x 16.27 in	768.6 x 470 x 467 mm 30.26 x 18.5 x 18.4 in	768.6 x 470 x 467 mm 30.26 x 18.5 x 18.4 in	768.6 x 675.6 x 726.4 mm 30.26 x 26.6 x 28.6 in	768.6 x 675.6 x 726.4 mm 30.26 x 26.6 x 28.6 in
Net Weight	57.7 lb (26.2 kg)	62.6 lb (28.4 kg)	82.4 lb (37.4 kg)	101.2 lb (45.9 kg)	117 lb (53.1 kg)

EVH Horn-Loaded Systems

Live for Sound

The EVH series is a dedicated installed sound solution that builds on everything Electro-Voice has learned from the globally successful FRX/FRX+ series. Delivering exceptional value in venues of all sizes, these mid-sized 15-inch two-way cabinets feature a unique coaxial horn-loaded design that is unmatched for pattern control and intelligibility in reverberant environments.

A 400-W SMX2151 woofer provides the EVH's deep, rich lows, while horn loading maintains directivity control all the way down to 500 Hz. High frequencies are handled by a pure titanium compression driver—either a standard 2-inch (S models) or a premium 3-inch with neodymium magnetic structure (D models)—protected by an advanced fourth-order crossover network. Six coverage patterns (ranging from 40° by 30° to 90° by 90°) on Rotatable Constant-directivity™ waveguides offer extraordinary versatility.

Available finished for outdoor use, EVH loudspeakers come installation-ready with 28 M10-threaded suspension points, making rigging extremely flexible. Wherever superior pattern control is a priority, the EVH series provides a proven, effective solution.

EVH full-range systems can be seamlessly paired with the EVF subs.

EVH-1152S

Two-way coaxial horn-loaded full-range loudspeakers

- Ideal for reverberant spaces
- Pattern control maintained down to 500 Hz
- 400 W 15-inch SMX2151 woofer
- 2-inch ND2B titanium HF compression driver
- Rotatable Constant-directivity waveguide
- Six available coverage patterns from 40° x 30° to 90° x 90°
- 106 dB sensitivity, 139 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- 4th-order passive crossover with HF protection
- Trapezoidal enclosure in two finishes: EVCoat or PI
- M10 threaded suspension points (28)

EVH-1152D

Premium two-way coaxial horn-loaded full-range loudspeakers

- Ideal for reverberant spaces
- Pattern control maintained down to 500 Hz
- 400 W 15-inch SMX2151 woofer
- 3-inch DH7N titanium/neodymium HF compression driver
- Rotatable Constant-directivity waveguide
- Six available coverage patterns from 40° x 30° to 90° x 90°
- 106 dB sensitivity, 139 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- 4th-order passive crossover with HF protection
- Trapezoidal enclosure in two finishes: EVCoat or PI

EVH Horn-Loaded Systems

	EVH-1152S/43	EVH-1152S/64	EVH-1152S/66	EVH-1152S/94	EVH-1152S/96	EVH-1152S/99
Frequency Response (-3 dB)	60 – 15,000 Hz[1]					
Frequency Range (-10 dB)	50 – 16,000 Hz[1]					
Recommended High-Pass Frequency	60 Hz					
Sensitivity (SPL, 1 W/1 m)	106 dB	105 dB				104 dB
Max. SPL @ 1 m (calc.)	139 dB	138 dB				137 dB
System Power Handling (Continuous[2], Program, Peak)	500, 1000, 2000 W					
Nominal Impedance (Passive)	8 Ω					
Minimum Impedance	6 Ω					
Input Connections	Phoenix/Euroblock style screw terminals; PI and FG versions include dual-gland-nut input-panel cover					
Coverage (Nominal -6 dB) H°	40°	60°	60°	90°	90°	90°
Coverage (Nominal -6 dB) V°	30°	40°	60°	40°	60°	90°
LF Transducer	SMX2151 15-inch (381 mm) driver					
HF Transducer	ND2B 2-inch (51 mm) diaphragm compression driver					
Internal Passive Crossover Frequency	1300 Hz					
Enclosure Material	13-ply weather-resistant birch					
Grille	Standard versions: 16-ga Galvanneal, Powdercoat, with screen behind PI and FG versions: 18-ga Stainless, Powdercoat, with hydrophobic cloth behind					
Environmental	Standard versions: IEC 60529 IP33; PI and FG versions: IEC 60529 IP55					
Suspension	(28) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)					
Dimensions (H x W x D)	768.6 x 768.6 x 680.1 mm 30.26 x 30.26 x 26.77 in					
Net Weight	143 lb (64.9 kg)					

	EVH-1152D/43	EVH-1152D/64	EVH-1152D/66	EVH-1152D/94	EVH-1152D/96	EVH-1152D/99
Frequency Response (-3 dB)	60 – 17,000 Hz[1]					
Frequency Range (-10 dB)	50 – 20,000 Hz[1]					
Recommended High-Pass Frequency	60 Hz					
Sensitivity (SPL, 1 W/1 m)	106 dB	105 dB				104 dB
Max. SPL @ 1 m (calc.)	139 dB	138 dB				137 dB
System Power Handling (Continuous[2], Program, Peak)	500, 1000, 2000 W					
Nominal Impedance (Passive)	8 Ω					
Minimum Impedance	6 Ω					
Input Connections	Phoenix/Euroblock style screw terminals; PI and FG versions include dual-gland-nut input-panel cover					
Coverage (Nominal -6 dB) H°	40°	60°	60°	90°	90°	90°
Coverage (Nominal -6 dB) V°	30°	40°	60°	40°	60°	90°
LF Transducer	SMX2151 15-inch (381 mm) driver					
HF Transducer	DH7N 3-inch (76 mm) diaphragm compression driver					
Internal Passive Crossover Frequency	1300 Hz					
Enclosure Material	13-ply weather-resistant birch					
Grille	Standard versions: 16-ga Galvanneal, Powdercoat, with screen behind PI and FG versions: 18-ga Stainless, Powdercoat, with hydrophobic cloth behind					
Environmental	Standard versions: IEC 60529 IP33 PI and FG versions: IEC 60529 IP55					
Suspension	(28) M10 Threaded Points (one EBK-M10-EVI kit of four forged eyebolts included)					
Dimensions (H x W x D)	768.6 x 768.6 x 680.1 mm 30.26 x 30.26 x 26.77 in					
Net Weight	145.5 lb (66.1 kg)					

[1] Half-space measurement in passive mode
[2] EIA RS-426A (eight hours)

EVA Expandable Vertical Array

Live for Sound

The Expandable Vertical Array (EVA) series is an elegantly simple solution for installed sound applications. EVA offers true line array performance, and coherent far-field summing from the patented Hydra plane wave generator. The internal, hidden rigging not only looks great, but also makes EVA incredibly easy to install. The sophisticated internal crossover lets you power up to eight EVA full-range modules from a single amplifier channel, eliminating the need for external crossovers or DSP. The four full-range modules in the series are complemented by two matching subwoofers that can be flown on top of or behind the array. If you think that your budget isn't big enough for a great sounding line array, EVA may be just the answer you're looking for.

Features:

- High performance, cost-effective
- Ideal for fixed-installation line arrays
- Two array elements in each module
- Two 8-inch low-distortion woofers
- Four 1.25-inch titanium diaphragm HF drivers
- Advanced Hydra® plane wave generators
- High sensitivity (104 dB) for high output
- Super efficient: drive multiple boxes from a single amp channel
- Sixth-order passive crossover with HF protection
- Integrated hidden suspension hardware
- Choice of three finishes: indoor, PI and fiberglass
- EVADA (EVA Design Assistant) software tool

EVA-2082S 126

Dual-element 120° by 6° full-range line-array module

EVA-2082S 1220

Dual-element 120° by 20° full-range line-array module

EVA-2082S 906

Dual-element 90° by 6° full-range line-array module

EVA-2082S 920

Dual-element 90° by 20° full-range line-array module

EVA-1151D 15-inch subwoofer line array element

- DVX3159A woofer for low distortion at high SPL
- 98 dB sensitivity (1 W / 1 m half space)
- Power handling: 500 W continuous, 2000 W peak
- 125/131 dB maximum SPL (continuous/peak)
- Integrated hidden suspension hardware
- Splays of 0° or 5° between modules
- Choice of three finishes: EVCoat, PI, and fiberglass (FG)
- EVADA (EVA Design Assistant) software tool

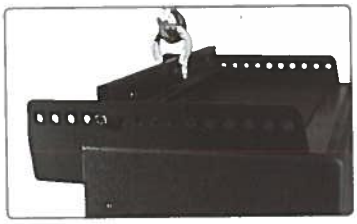
EVA Subwoofer Features:

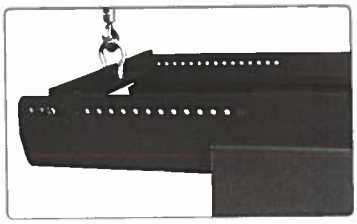
- High power, front loaded
- Ideal for fixed installations
- Seamless rigging with EVA line arrays
- DVX3159A woofer for low distortion at high SPL
- 98 dB sensitivity (1 W / 1 m half space)
- Steel-reinforced 13-ply birch enclosure

EVA-2151D Dual 15-inch subwoofer line array element

- Two DVX3159A woofers for low distortion at high SPL
- 100 dB sensitivity (1 W / 1 m half space)
- Power handling: 1000 W continuous, 4000 W peak
- 130/136dB maximumSPL (continuous/peak)
- Choice of two finishes: EVCoat and PI

EVA-CG (Coupler Grid, not shown)
Connects to EVA-SG2 or EVA-EG2 so that you can fly EVA subs behind the array, without increasing trim height.





EVA Rigging

EVA modules connect with an integrated internal top-to-bottom metal structure. Hidden by cover panels, this nearly invisible rigging system gives an EVA cluster the aesthetic appeal of an architectural element rather than a loudspeaker system. The rigging system is designed to carry an array of up to eight modules with a safety factor of greater than 8:1.

EVA-SG2 (Standard Grid)
For typical tilt angles in 3 and 4 module arrays and pull-up applications in large arrays when extreme angles are required. Includes one spreader bar.

EVA-EG2 (Extended Grid)
For typical tilt angles in arrays taller than four modules, or extreme angles in arrays of four modules or less. Includes one spreader bar.

	EVA-2082S 1220	EVA-2082S 126	EVA-2082S 906	EVA-2082S 920	EVA-1151D	EVA-2151D
Frequency Response (-3 dB)	60 - 19000 Hz				50 - 160	45 - 160
Recommended High-Pass Frequency	50 Hz				35 Hz	35 Hz
Sensitivity (SPL, 1 W/1 m)	104 dB (3 module array)				94 dB (whole space)	97 dB (whole space)
Max. SPL @ 1 m (calc.)	135 dB				127 (whole space)	133 (whole space)
System Power Handling (Continuous, Program, Peak)	350, 700, 1400 W				500, 1000, 2000 W	1000, 2000, 4000 W
Nominal Impedance (Passive)	16 Ω				8 Ω	4 Ω
Input Connections	Phoenix/Euroblock style screw terminals				Phoenix Euroblock	Phoenix Euroblock
Frequency Range (-10 dB)	45 - 20,000 Hz				39 - 160	33 - 160
Coverage (Nominal -6 dB) H°	120°	120°	90°	90°	omnidirectional	omnidirectional
Coverage (Nominal -6 dB) V°	20°	6°	6°	20°	omnidirectional	omnidirectional
LF Transducer	2 x EVS2008 8-inch (203mm) driver				DVX3159A	DVX3159A (X2)
HF Transducer	4 x DH2005 1.25-inch (32mm) diaphragm compression driver				none	none
Crossover Frequency	1740 Hz				100 Hz active	100 Hz active
Minimum Impedance	12 Ω				8 Ω	3 Ω
Enclosure Material	Birch and pine plywood				birch plywood	birch plywood
Grill	16 GA Galvanneal, powder-coated; PI Version: stainless steel with hydrophobic cloth					
Suspension	EVA grid (sold separately)					
Dimensions (H x W x D)	512.2 x 596.9 x 369.1 mm 20.17 x 23.5 x 14.53 in	514.4 x 596.9 x 358.2 mm 20.25 x 23.5 x 14.1 in	514.4 x 596.9 x 358.2 mm 20.25 x 23.5 x 14.1 in	512.2 x 596.9 x 369.1 mm 20.17 x 23.5 x 14.53 in	596.9 x 596.9 x 461.3 mm 23.5 x 23.5 x 18.16 in	787.4 x 596.9 x 795.5 mm 31.0 x 23.5 x 31.32 in
Weight Net	81.0 lbs (36.8 kg)	81.8 lbs (37.1 kg)	81.8 lbs (37.1 kg)	81.0 lbs (36.8 kg)	89.1 lb (40.4 kg)	178lb (80.8 kg)

EVU Ultracompact Systems

Live for Sound

EVU

Bringing ultracompact design to the EV-Innovation family of installation loudspeakers, the EVU series shines in applications including delay, under-balcony fill, front-fill, wall mounting, and distributed audio. EVU loudspeakers feature a rotatable constant-directivity waveguide that provides truly uniform sound dispersion while allowing the horizontal coverage pattern to be independent of enclosure orientation. Sonically matched to complement the other EV-Innovation products, EVU helps make EV-Innovation the industry's most comprehensive and versatile line of loudspeakers.
A 4th-order, 90 Hz high-pass filter is recommended for use with all EVU loudspeakers.

Features:

- Sonically matched to all EV-Innovation lines
- Sophisticated 18-dB-octave passive crossover/EQ networks
- Asymmetrical enclosure for ideal under-balcony and stage-lip aiming
- Optional Neutrik Speakon® connectors
- One 1.3-inch (33 mm) diaphragm Icompression driver
- U-bracket included
- Optional 70 V and 100 V operation
- OmniMount®-compatible rear mounting points
- Available in black or white (interior use)

EVU-1062/95 Ultracompact two-way with single 6.5-inch ICT woofer

- Ultracompact two-way with dual 6.5-inch woofers
- Ultra-high power handling for size: 160 W continuous
- Two 6.5-inch ICT-6.5-8 woofers
- 92 dB sensitivity

EVU-2062/95 Ultracompact two-way with dual 6.5-inch ICT woofers

- Ultracompact 8 x 21 inch enclosure
- Ultra-high power handling for size: 300 W continuous
- High sensitivity: 94 dB (1 W / 1 m)
- Two 6.5-inch woofers
- Sophisticated 18-dB-octave passive crossover/EQ networks

EVU-1082/95 Ultracompact two-way with single 8-inch ICT woofer

- Ultracompact 10 x 16 inch enclosure
- High power handling for size: 175 W continuous
- High sensitivity: 95 dB (1 W / 1 m)
- One 8-inch ICT-8-8 woofer

EVU-2082/95 Ultracompact two-way with dual 8-inch ICT woofers

- Ultracompact 10 x 24 inch enclosure
- Ultra-high power handling for size: 350 W continuous
- High sensitivity: 95 dB (1 W / 1 m)
- Two 8-inch woofers

	EVU-1062/95	EVU-2062/95	EVU-1082/95	EVU-2082/95
Frequency Response (–3 dB)	110-16,000 Hz[1]	100-16,000 Hz[1]	110-16,000 Hz[1]	100-16,000 Hz[1]
Frequency Response (–10 dB)	65-20,000 Hz[1]	70-20,000 Hz[1]	65-20,000 Hz[1]	60-20,000 Hz[1]
Recommended High-Pass Frequency	90 Hz	90 Hz	90 Hz	90 Hz
Axial Sensitivity (1 W/1 m)	92 dB	94 dB	95 dB	95 dB
Maximum SPL (calc.) Continuous, Peak	114, 120 dB	119, 125 dB	117, 123 dB	120, 126 dB
Waveguide	6 in. x 6 in., rotatable	6 in. x 6 in., rotatable	6 in. x 6 in., rotatable	6 in. x 6 in., rotatable
Horizontal Coverage	90°	90°	90°	90°
Vertical Coverage	50°	50°	50°	50°
Power Handling (Continuous, Peak)	160, 640 W[2]	300, 1200 W[2]	175, 700 W[2]	350, 1400 W[2]
LF Transducer	One 6.5-inch (165 mm) ICT-6.5-8 woofer	Two 6.5-inch (165 mm) ICT-6.5-8 woofers	One 8-inch (203 mm) ICT-8-8 woofer	Two 8-inch (203 mm) ICT-8-8 woofers
HF Transducer	One 1.3-inch (33 mm) diaphragm ICT-1-8 compression driver	One 1.3-inch (33 mm) diaphragm ICT-1-8 compression driver	One 1.3-inch (33 mm) diaphragm ICT-1-8 compression driver	One 1.3-inch (33 mm) diaphragm ICT-1-8 compression driver
Nominal Impedance	8 Ω	8 Ω	8 Ω	8 Ω
Minimum Impedance	6 Ω	6 Ω	6 Ω	6 Ω
Connectors	4-pin Phoenix/Euroblock screw terminals (up to 10 AWG wire)	4-pin Phoenix/Euroblock screw terminals (up to 10 AWG wire)	4-pin Phoenix/Euroblock screw terminals (up to 10 AWG wire)	4-pin Phoenix/Euroblock screw terminals (up to 10 AWG wire)
Enclosure Material	9-ply hardwood plywood	9-ply hardwood plywood	9-ply hardwood plywood	9-ply hardwood plywood
Minimum Impedance	Textured paint	Textured paint	Textured paint	Textured paint
Color	Black or white	Black or white	Black or white	Black or white
Grille, Standard Versions	18-gauge steel with cloth behind	18-gauge steel with cloth behind	18-gauge steel with cloth behind	18-gauge steel with cloth behind
Suspension	Six M8 threaded points	Six M8 threaded points	Six M8 threaded points	Six M8 threaded points
Dimensions (hwd)	209 mm x 370 mm x 207 mm (8.21 in. x 14.6 in. x 8.14 in.)	209 mm x 533 mm x 207 mm (8.21 in. x 21.0 in. x 8.14 in.)	247 mm x 409 mm x 237 mm (9.73 in. x 16.1 in. x 9.34 in.)	247 mm x 615 mm x 237 mm (9.73 in. x 24.2 in. x 9.34 in.)
Net Weight	6.53 kg (14.4 lb)	11.3 kg (25.0 lb)	7.40 kg (16.3 lb)	12.8 kg (28.3 lb)
Shipping Weight	9.12 kg (20.1 lb)	14.2 kg (31.2 lb)	10.3 kg (22.6 lb)	16.0 kg (35.2 lb)

[1] Half-space measurement.
[2] EIA RS-426A (eight hours).

EVI Vari Intense Loudspeaker Systems

Live for Sound

EVI

EVI provides a simple, economical solution for permanent installations requiring even coverage over a fixed rectangular area. In a typical room, the distance from a front-mounted loudspeaker to the last row is two or more times the distance to the front row, resulting in a substantial front-to-back difference in level and intelligibility. The Variable Intensity horn counters this problem by increasing the sound sent to the back of the room by six to eight dB, balancing SPL distribution without the expense and complexity of additional systems or components.

EVI-12

12-inch two-way Variable Intensity loudspeaker

- Variable Intensity horn for even coverage
- Two-way, full-range loudspeaker
- High sensitivity
- Vented LF enclosure
- 1.25-inch HF driver with titanium diaphragm
- PRO™ Driver protection circuit
- Time Path™ phasing plug
- Multi-angled housing
- Five 3/8-inch hanging points

EVI-15

15-inch two-way Variable Intensity loudspeaker

- Variable Intensity horn for even coverage
- Two-way, full-range loudspeaker
- High sensitivity
- Vented LF enclosure
- 1.25-inch HF driver with titanium diaphragm
- PRO™ Driver protection circuit
- Time Path™ phasing plug
- Multi-angled housing
- Five 3/8-inch hanging points

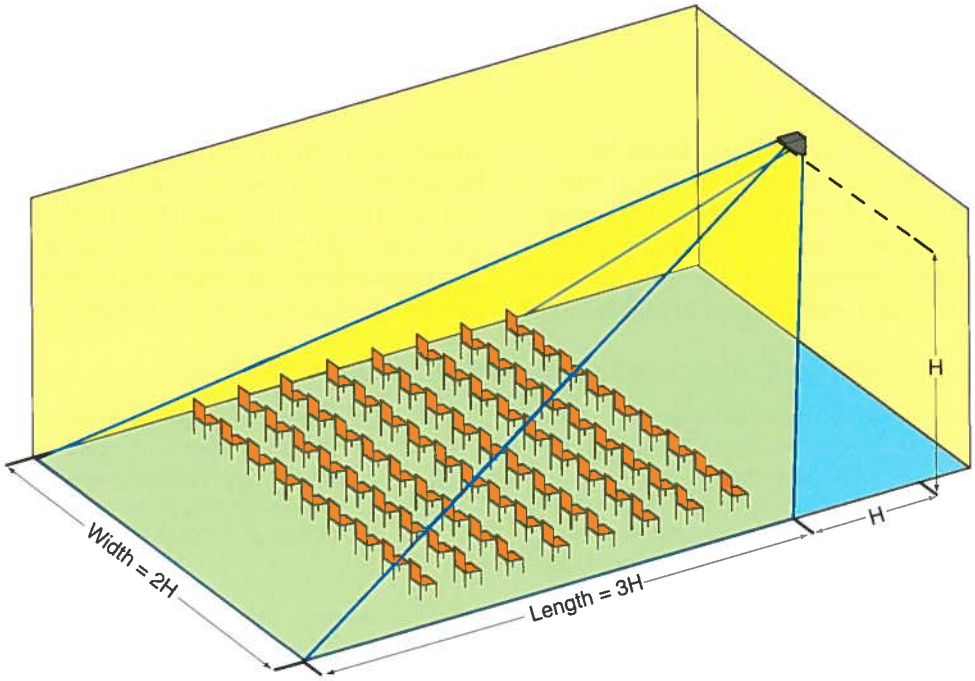
EVI-28

Dual eight-inch two-way Variable Intensity loudspeaker

- Ideal for reverberant spaces
- Variable Intensity horn for even coverage
- Two-way, full-range loudspeaker
- Vented LF enclosure
- 1.25-inch HF driver with titanium diaphragm
- PRO™ Driver protection circuit
- Time Path™ phasing plug
- Multi-angled housing
- Stacked, frequency-shaded woofers for pattern control down to 500 Hz
- Three 3/8-inch hanging points

EVI Vari Intense® coverage pattern (3-2-1 Rule):

If speaker mount-height = H, then coverage length = 3H, coverage width = 2H, and first row coverage = 1H



	EVI-12	EVI-15	EVI-28
Frequency Response (-3 dB)	50 - 20,000 Hz	50 - 20,000 Hz	60 - 20,000 Hz
Sensitivity (SPL 1 W/1 m)	99.5 dB	100 dB	93 dB
Max. SPL/1m (calc.)	129 dB	129.5 dB	123.5 dB
Power Handling (Continuous, Peak)	250, 1000 W	250, 1000 W	250, 1000 W
Coverage, H x V	60° x 70° long throw, 110° x 90° short throw	60° x 65°	65° x 65°
LF Transducer	12-inch	15-inch	Two 8-inch
HF Transducer	1.25-inch DH3/2010A compression driver (1-inch exit)	1.25-inch DH3/2010A compression driver (1-inch exit)	1.25-inch DH3/2010A compression driver (1-inch exit)
Crossover frequency	2000 Hz	2000 Hz	2000 Hz
Nominal impedance (minimum)	8 Ω	8 Ω	8 Ω
Input connections	Screw terminal	Screw terminal	Screw terminal
Dimensions (H x W at front x D)	554 x 356 x 699 mm 21.8 x 14 x 27.5 in	584 x 429 x 766 mm 23 x 16.9 x 30.2 in	353 x 496 x 523 mm 13.9 x 19.5 x 20.6 in
Net weight	21.8 kg (48 lbs)	24.0 kg (53 lbs)	16.3 kg (36 lbs)

EVID Surface-Mount Systems

Live for Sound

EVID premium commercial loudspeakers bring best-in-class sonic characteristics and stunning high fidelity to a broad range of installation applications including performance and sports venues, retail environments, conference and meeting rooms, and hospitality settings such as restaurants and bars. Available in both flush-mount and surface-mount configurations, EVID loudspeakers feature innovative designs that beautify not only the sound of a room but also its looks. EVID 3.2, 4.2, and 6.2 models are available in "T"-designated versions with internal 70 or 100 V line transformer. High power and high performance, EVID is the superior solution to today's installation needs.

EVID 3.2 — Dual 3.5-inch two-way surface-mount loudspeaker

- Ultra-compact full range
- Ideal for restaurants, bars, patios, and retail
- Vented LF enclosure
- 0.75-inch titanium diaphragm HF driver with neodymium magnetic structure
- Full-bandwidth overload protection (LF and HF)
- Elliptical weather-resistant ABS enclosure
- Paintable black or white finish
- Magnetically shielded for video applications
- Strong-Arm Mount™ for easy, flexible aiming
- "T" version for 70 or 100 V distributed systems

EVID 4.2 — Dual 4-inch two-way surface-mount loudspeaker

- Compact full range
- Ideal for restaurants, bars, patios, and retail
- Vented LF enclosure
- 1-inch titanium diaphragm HF driver with neodymium magnetic structure
- Coherent Coverage Waveguide
- Full-bandwidth overload protection (LF and HF)
- Elliptical weather-resistant ABS enclosure
- Paintable black or white finish
- Magnetically shielded for video applications
- Strong-Arm Mount™ for easy, flexible aiming
- "T" version for 70 or 100 V distributed systems

EVID 6.2 — Dual 6-inch two-way surface-mount loudspeaker

- Compact full range
- Ideal for shopping malls, sports bars, and health clubs
- Vented LF enclosure
- 1-inch titanium diaphragm HF driver with neodymium magnetic structure
- Coherent Coverage Waveguide
- Full-bandwidth overload protection (LF and HF)
- Elliptical weather-resistant ABS enclosure
- Paintable black or white finish
- Magnetically shielded for video applications
- Strong-Arm Mount™ for easy, flexible aiming
- "T" version for 70 or 100 V distributed systems

EVID 12.1 — 12-inch surface-mount subwoofer

- Supplemental bass for indoor systems
- Ideal for sports bars, dance floors, retail, and health clubs
- High-excursion woofer with dual voice coil to accommodate L/R channels
- High sensitivity, high power-handling
- Crossed-over pass-thru for up to four satellite speakers
- Trapezoidal shape for flexible placement
- Steel-reinforced cabinet with mounting hardware included
- Paintable black or white finish

EVID FM 4.2 4-inch two-way flush-mount loudspeaker

- Shallow profile, ideal for tight wall or ceiling spaces
- Tuned passive radiator extends bass, enhances performance
- High quality 1-inch titanium dome tweeter
- Full-bandwidth overload protection
- 70 V, 100 V, and 8 ohms operation in the same model for off-the-shelf versatility
- Front-panel mode/wattage switch
- Fully-sealed enclosure provides superior isolation to protect adjacent rooms
- Secure Phoenix-style pass-through connectors for easy wiring and installation.
- Four point "quick mounting" tabs for fast attachment in any wall cavity
- Can-mounted transformer for enhanced rigidity
- Ribbed back can eliminates flexing

EVID FM 6.2 6-inch two-way flush-mount loudspeaker

- Shallow profile, ideal for tight wall or ceiling spaces
- Tuned passive radiator extends bass, enhances performance
- High quality 1-inch titanium dome tweeter
- Full-bandwidth overload protection
- 70 V, 100 V, and 8 ohms operation in the same model for off-the-shelf versatility
- Front-panel mode/wattage selector
- Fully-sealed enclosure provides superior isolation to protect adjacent rooms
- Secure Phoenix-style pass-through connectors for easy wiring and installation.
- Four point "quick mounting" tabs for fast attachment in any wall cavity
- Can-mounted transformer for enhanced rigidity
- Ribbed back can eliminates flexing

	EVID 3.2	EVID 4.2	EVID 6.2	EVID 12.1	EVID FM 4.2	EVID FM 6.2
Frequency Range (-10 dB)	85 – 20,000 Hz	65 – 20,000 Hz	62 – 20,000 Hz	40 – 140 Hz	52 - 20,000 Hz	52 - 20,000 Hz
Sensitivity (SPL, 1 W/1 m)	87 dB	89 dB	94 dB	100 dB	87 dB	90 dB
Max. SPL/1m (calc.)	112 dB	115 dB	122 dB	128 dB	110 dB	115 dB
Power Handling (Continuous, Peak)	75, 300 W	100, 400 W	150, 600 W	175, 700 W (per coil)	50, 200 W	75, 300 W
Transformer taps (transformer version only)	70 V: 5 W 100 V: 10 W	70 V: 3.75 W 70 V/100 V: 7.5, 15, 30 W	70 V: 7.5 W 70 V/100 V:15, 30, 60 W	–	70 V: 1.75, 3.75, 7.5, 15, 30 W	70 V: 7.5, 15, 30, 60 W
Coverage, H x V	140° x 100°	120° x 80°	100° x 80°	–	150° x 150°	120° x 120°
LF Transducer	Two 3.5-inch	Two 4-inch	Two 6-inch	12-inch	4-inch, plus 4-inch passive radiator	6 inch, plus 6-inch passive radiator
HF Transducer	0.75-inch	1-inch	1-inch	–	1-inch (Titanium dome)	1-inch (Titanium dome)
Nominal impedance (non-transformer version)	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
Minimum impedance (non-transformer version)	6 Ω	6 Ω	6 Ω	6 Ω	–	–
Input connections	Spring terminal	Spring terminal	Spring terminal	Spring terminal	4-pin Phoenix	4-pin Phoenix
Dimensions (H x W at front x D)	234 x 127 x 165 mm 9.2 x 5.1 x 6.5 in	310 x 175 x 216 mm 12.2 x 6.9 x 8.5 in	419 x 228 x 298 mm 16.5 x 9 x 11.75 in	412 x 584 (at front) x 305 mm 16.25 x 23 x 12 in	350 x 188.3 x 95.6 mm 13.78 x 7.41 x 3.76 in	18.31 in (465 mm) 10.08 in (256 mm) 3.95 in (100.3 mm)
Net weight (incl. mounting bracket)	1.5 kg (3.3 lbs)	3.9 kg (8.5 lbs)	5.3 kg (12 lbs)	18.1 kg (40 lbs)	6.39 lbs (2.9 kg)	12.79 lbs (5.8 kg)

EVID Ceiling Speaker Systems

Live for Sound

Designed with both the contractor and listener in mind, EVID ceiling speakers are high-performance problem-solvers that deliver exceptional sound in even the most challenging situations. From the compact power of the C4.2 to the exclusive waveguide-coupled design of the C8.2HC, each great-sounding EVID solution is uniquely suited to handle installer needs across a specific range of intended applications. Sonically superior and aesthetically pleasing, every EVID ceiling model installs with ease and provides lasting value. For commercial sound and life-safety installations across all venue types, EVID has the ceiling covered.

EVID C4.2 — 4-inch two-way coaxial ceiling loudspeaker

- Designed for air-handling spaces
- Ported enclosure for extended bass response
- Waveguide-coupled 0.75-inch titanium-coated tweeter
- Full-bandwidth overload protection
- Integrated transformer for 70 V, 100 V, or 8 Ω use
- Front-panel mode/wattage selector
- Safe, easy installation with included tile bridge and mounting ring
- White semi-gloss perforated grille
- Complete package, requires no additional accessories

EVID C8.2/C8.2LP — 8-inch two-way coaxial ceiling loudspeaker

- Low-profile for rich sound in tight spaces
- Ported enclosure for extended bass response
- Waveguide-coupled 1-inch titanium-coated tweeter
- Full-bandwidth overload protection
- Integrated transformer for 70 V, 100 V, or 8 Ω use
- Front-panel mode/wattage selector
- Safe, easy installation with included tile bridge and mounting ring
- White semi-gloss perforated grille
- Complete package, requires no additional accessories

EVID C8.2HC — 8-inch pattern-control two-way coaxial ceiling loudspeaker

- Maximum fidelity and intelligibility for high ceilings
- Ported enclosure for extended bass response
- Waveguide-coupled 1-inch titanium-coated tweeter
- Full-bandwidth overload protection
- Integrated transformer for 70 V, 100 V, or 8 Ω use
- Front-panel mode/wattage selector
- Safe, easy installation with included tile bridge and mounting ring
- White semi-gloss perforated grille
- Complete package, requires no additional accessories

EVID C10.1

10-inch high-power ceiling subwoofer

- Supplemental LF for ceiling systems
- High-excursion woofer in ported enclosure for extended lows
- Low pass network with overload protection
- Integrated transformer for 70 V, 100 V, or 8 Ω use
- Front-panel mode/wattage selector
- Internally damped heavy-gauge steel enclosure
- Safe, easy installation with included tile bridge and mounting ring
- White semi-gloss perforated grille
- Complete package, requires no additional accessories

EVID C12.2

12-inch two-way coaxial ceiling loudspeaker

- Full-range power for high ceilings, large spaces
- High sensitivity, high power-handling
- Integrated transformer with automatic saturation compensation for distortion-free 70 V, 100 V, or 8 Ω use
- Front-panel mode/wattage selector
- White semi-gloss perforated grille
- Heavy-gauge steel enclosure in black
- 3/8-inch threaded-rod mount points for open ceilings
- Safe, easy installation with included tile bridge and mounting ring
- Complete package, requires no additional accessories

	EVID C4.2	EVID C8.2LP, EVID C8.2	EVID C8.2HC	EVID C10.1	EVID C.12.2
Frequency Range (-10 dB)	65 - 20,000 Hz	50 - 20,000 Hz	50 - 20,000 Hz	45 - 180 Hz	65 - 20,000 Hz
Sensitivity (SPL, 1 W @ 1 m)	86 dB	91 dB	93 dB	94 dB	100 dB
Power Handling (8 Ω)	60 W (overload protected)	100 W (overload protected)	100 W (overload protected)	150 W	100W
Coverage Pattern	130° conical	110° conical	75° conical (@ >1 kHz)	180°	90° average
Transformer Power Taps	1.88 (70 V only), 3.75, 7.5, 15, 30 W	1.88 (70 V only), 3.75, 7.5, 15, 30 W	7.5 (70 V only), 15, 30, 60 W	7.5 (70 V only), 15, 30, 60 W	4 (70 V only), 8, 16, 32, 64 W ASC protected
LF Transducer	4-inch polypropylene cone	8-inch polypropylene cone	8-inch polypropylene cone plus waveguide	10-inch polypropylene cone	12-inch EVID 920-8B (coax)
HF Transducer	0.75-inch (19 mm) Ti Mylar Laminate Dome	1-inch (25 mm) Ti Mylar Laminate Dome	1-inch (25 mm) Ti Mylar Laminate Dome	—	1-inch (25 mm) coax
Input Configuration	8 Ω, 70 V, 100 V	8 Ω, 70 V, 100 V	8 Ω, 70 V, 100 V	8 Ω, 70 V, 100 V	8 Ω / 70V / 100V
Dimensions (H x Diameter)	176 x 181 mm 6.93 x 7.13 in	176 x 270, 255 x 270 mm 7.01 x 10.65, 10.04 x 10.63 in	303 x 320 mm 11.99 x 12.60 in	303 x 320 mm 11.99 x 12.60 in	333 x 414 mm 13.18 x 16.3 in
Weight	2.7 kg (6.0 lbs.)	5.0 kg (11.0 lbs.)	6.0 kg (13.2 lbs.)	7.0 kg (15.4 lbs.)	12.3 kg (27.12 lbs.)
Acoustic Design	Ported cabinet, internally damped, two-way (passive crossover included)			Dual ported cabinet, internally damped	Ported cabinet, internally damped two-way (passive crossover included)
Cabinet Construction	Steel enclosure and UL94V-0 rated baffle and bezel				
Mounting System	Integrated 3-point toggle anchors				
Grille Construction	Powder-coated steel				
Available Colors	White (paintable surface)				

S-40

Ultracompact 5.25-inch two-way full-range loudspeaker

Delivering high performance in an ultra-compact package, the S series is ideal for both distributed and near-field applications requiring high-quality sound. The two-way short-throw system is housed in an optimally vented, high-impact polystyrene enclosure that is suited for installation both indoors and out. Lows are handled by a 5.25-inch direct-radiating woofer with a polypropylene cone, while the high-frequency section is a one-inch direct-radiating soft-dome tweeter that is ferrofluid cooled. Built-in automatic power limiting independently protects each driver from unsafe transients. With mounting options that are flexible enough for virtually any application, the S series is perfect for anything from background and foreground music in restaurants and clubs to near-field monitoring in control rooms and broadcast studios.

- Ideal for both distributed and near-field applications
- Designed for indoor and outdoor use
- Direct-radiating polypropylene-cone woofer
- 1-inch ferrofluid-cooled soft-dome tweeter
- High power-handling, ultra-linear frequency response
- Vented trapezoidal enclosure of high-impact polystyrene
- Passive crossover with power protection for both woofer and tweeter
- OmniMount®-compatible 0.25 inch suspension points (2)

FRi-2082/28LPM

Dual 8-inch two-way full-range loudspeaker

This speaker remains one of our most popular choices for speech reinforcement, for under-balcony and on-wall locations in permanent installations, and as a high-quality monitor system. Dual 8" drivers in a tuned enclosure are matched to a 1" titanium compression driver with a 100° x 100° Constant Directivity horn. The FRI-2082 comes with a mounting bracket for horizontal or vertical orientation, while the FRI-28LPM has non-skid rubber mounting feet to make it more appropriate for stage monitoring.

- Ultra-compact LF-optimized vented enclosure
- 1-inch HF driver on Constant-directivity horn
- 100° H x 100° V coverage pattern
- Low-profile slanted design
- Versatile 45° aiming angle for under-balcony, on-wall, and stage monitoring applications
- Mounting bracket included (FRi-2082 only)
- Two 3/8-inch suspension points

	S-40
Frequency Response (+/- 3 dB)	85 – 20,000 Hz
Sensitivity (SPL, 1 W @ 1 m)	85 dB
Max. SPL/1m (calc.)	113 dB
Power handling (Long-term, Short-term)	120, 640 W
Coverage, H x V	100° x 100°
Directivity Index	9.8 dB (+3.8/-3.6 dB), 2 – 20,000 Hz
LF Transducer	5.25-inch
HF Transducer	1-inch softdome
Crossover frequencies	3,500 Hz
Nominal impedance (low Z version)	4 Ω
Minimum impedance (low Z version)	3.7 Ω
Input connections	Spring terminal
Dimensions (H x W at front x D)	249 x 178 x 150 mm 9.8 x 7 x 5.9 in
Net Weight (including mounting bracket)	2.6 kg (5.7 lbs.)

	FRi-2082/28LPM
Frequency Response (-3dB)	70 – 20,000 Hz
Frequency Range (-10 dB)	55 – 16,000 Hz
Recommended High-Pass Frequency	50 Hz (12 dB/octave)
Axial Sensitivity, Biamp (SPL, 1 W @ 1 m)	93 dB
Max. SPL /1 m (calc.), full space	122 dB
Power Handling, Biamp (Continuous, Peak)	200, 800 W
Coverage (nominal -6 dB), H x V	100° x 100° (Const.-dir. horn)
LF Transducer	Two 8-inch (203 mm)
HF Transducer	1-inch (25 mm) compression driver
Crossover Frequency	2,800 Hz
Nominal Impedance (Biamp)	8 Ω
Input Connections	Barrier strip
Dimensions (H x W at front x D)	222 x 620 x 356 mm 8.75 x 24.5 x 14 in
Net Weight	18.2 kg (40 lbs.)

Concert Monitors

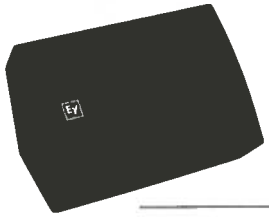
Our top-of-the-line floor monitors, originally designed as part of the X-Array touring line.

- Two-way, high-output design
- Vented LF enclosure
- Two symmetrical 55° enclosure angles
- Ultracompact for all-size stages
- 3-inch ND6-16 titanium/neodymium HF compression driver
- 80° x 55° Constant-directivity horn
- 55° stage monitor angle
- Rigid vented enclosure for extended LF
- Neutrik Speakon® paralleled pass-through connectors on each end
- Two integrated handles
- Textured black finish

Xw12A 12-inch two-way floor monitor

- DL12ST woofer with Ring-Mode Decoupling for vocal clarity
- Rigid vented enclosure for extended LF

Xw15A 15-inch two-way floor monitor



- EVX155 woofer with 4-inch voice coil
- 3-inch ND6-16 titanium/ neodymium HF compression driver
- Rugged 13-ply birch cabinet

Tour X Monitors

TX1122FM 12-inch two-way full-range floor monitor

- Compact with high output
- Ideal for small-to-medium stages
- Signal Synchronized Transducers™ for woofer/tweeter alignment
- Low-distortion SMX2120 woofer with fully symmetric drive
- 1.25-inch DH3/2010A titanium HF compression driver
- Constant-directivity 90° H x 50° V horn
- Integrated 24 dB/octave crossover with HF protection
- 99 dB sensitivity, 132 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- Braced plywood/MDF enclosure
- Black EVCoat™ finish

TX1152FM 15-inch two-way full-range floor monitor

- Compact with high output
- Ideal for small-to-medium stages
- Signal Synchronized Transducers™ for woofer/tweeter alignment
- Ultra low-distortion SMX2151 woofer with fully symmetric drive
- 1.25-inch DH3/2010A titanium HF compression driver
- Constant-directivity 90° H x 50° V horn
- Integrated 24 dB/octave crossover with HF protection
- 100 dB sensitivity, 133 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- Braced plywood/MDF enclosure
- Black EVCoat™ finish

	Xw12A	Xw15A
Frequency Response (-3 dB)	55 - 16,000 Hz	55 - 16,000 Hz
Recommended High-Pass Frequency	System controller determined	System controller determined
Axial Sensitivity (SPL, 1 W @ 1 m), LF/HF	98/110 dB	99/110 dB
Max. SPL @ 1 m (calc.), full space, LF/HF	129/135 dB	133/135 dB
Long-Term Power Handling, LF/HF	300/75 W	600/75 W
Short-Term Power Handling (peak), LF/HF	1200/300 W	2400/300 W
Coverage (nominal -6 dB) H° x V°	55° x 80° (Const.-dir. horn)	55° x 80° (Const.-dir. horn)
Directivity Index	11.6 dB (+2.3/-2.1dB) 1,200 - 16,000 Hz	11.6 dB (+3.0/-3.6dB) 1,200 - 16,000 Hz
LF woofer (transducer)	12-inch (DL12ST)	15-inch (EVX-155)
HF throat diameter (transducer)	1.4-inch (ND6-16)	1.4-inch (ND6-16)
Crossover Frequencies	Factory preset	Factory preset
Nominal Impedance, LF/HF	8 Ω/16 Ω	8 Ω/16 Ω
Minimum Impedance, LF/HF	8.2 Ω/10.5 Ω	7.2 Ω/14.3 Ω
Input Connections	2 four-pin Speakon	2 four-pin Speakon
Dimensions in floor position (H x W at front x D)	534 x 449 x 313 mm 23 x 17.2 x 12.2 in	644 x 452 x 340 mm 25.4 x 18 x 13.4 in
Net Weight	21.9 kg (48 lbs.)	28.4 kg (62.5 lbs.)

	TX1122	TX1152
Speaker Type	Full-range	Full-range
Frequency Response (-3 dB)	60 - 20,000 Hz	55 - 20,000 Hz
Frequency Range (-10 dB)	45 - 20,000 Hz	40 - 20,000 Hz
Sensitivity (SPL, 1 W/1 m)	97 dB	100 dB
Max. SPL/1m (calc)	130 dB	133 dB
System Power Handling (Continuous, Peak)	500, 2000 W	500, 2000 W
Coverage(Nominal -6 dB)	90° H x 50° V	60° x 40° rotatable
LF Transducer	12-inch SMX2120	15-inch SMX2151
HF Transducer	1.25-inch DH3/2010A	1.25-inch DH3/2010A
Internal Crossover	Yes	Yes
Crossover Frequency	1750 Hz	1650 Hz
Nominal Impedance (Passive)	8 Ω	8 Ω
Minimum Impedance	5.4 Ω	5.6 Ω
Input Connections	Parallel Neutrik® NL4	Parallel Neutrik® NL4
Enclosure Material	Plywood and MDF with EVCOAT	Plywood and MDF with EVCOAT
Flying Suspension	Six 3/8-inch threaded inserts	(6) 3/8-inch threaded inserts
Dimensions (H x W x D)	616 x 382 x 380 mm 24.25 x 15.04 x 14.96 in	776 x 446 x 446 mm 30.55 x 17.56 x 17.56 in
Weight Net	44.53 lbs (20.2 kg)	61.29 lbs (27.8 kg)

ZX/ZXA

Live for Sound

Designed for top-notch quality with amazing versatility, the ZX/ZXA series sets a new standard of performance and practicality in sound reinforcement loudspeakers. Featuring high-end components and lightweight molded enclosures, the ZX/ZXA line is at home in any installed or portable application, from commercial sound to clubs, HOW, stages, arenas, and stadiums. Newly-designed high-power woofers and drivers ensure full-range sound with awesome richness and clarity. Sleek contemporary styling fits in anywhere. Light weight makes transport easy while enabling a multitude of flying and mounting options that are each supported by innovative mechanical solutions. Whether for portable use or permanent installation, the ZX/ZXA series represents the next level in advanced loudspeaker technology.

ZX1 — 8-inch two-way full-range composite loudspeaker

- Smooth, wide frequency response
- Ideal for mains, fills, or monitors
- Velocity-compensated port for exceptional LF
- Long-excursion weather-treated EV8L woofer
- 1.25-inch DH2005 titanium HF compression driver
- Rotatable 90° x 50° horn for flexible coverage
- Passive crossover with full-band overload protection
- High sensitivity, 123 dB maximum SPL
- Power handling: 200 W continuous, 800 W peak
- Water-resistant high-impact polypropylene enclosure
- Compact monitor-friendly wedge shape
- Integrated pole mount adapter and pocket handle
- Metric mounting inserts (4)
- Available in black or white

ZX1i — 8-inch two-way full-range indoor/outdoor loudspeaker

- Indoor/outdoor design
- Ideal for installed mains, fills, or distributed sound
- Velocity-compensated port for exceptional LF
- Long-excursion weather-treated EV8L woofer
- 1.25-inch DH2005 titanium HF compression driver
- Choice of 90° x 50° or 100° x 100° rotatable horn
- Passive crossover with full-band overload protection
- Integrated transformer with automatic saturation compensation for distortion-free 70 or 100 V use
- High sensitivity, 123 dB maximum SPL
- Power handling: 200 W continuous, 800 W peak
- Compact water-resistant high-impact polypropylene enclosure
- Integrated QuickSAM™ heavy-duty Strong-Arm Mounting bracket
- Metric mounting inserts (4)
- Paintable black or white finish
- Power handling: 200 W continuous, 800 W peak
- Compact water- and impact-resistant composite enclosure
- Integrated QuickSAM™ heavy-duty Strong-Arm Mounting bracket
- Metric mounting inserts (4)
- Paintable black or white finish

ZXA1-90 — Powered 8-inch two-way full-range loudspeaker

- Powered ZX1, ideal for portable and monitor use
- Integrated 800 W 2-channel (biamp) amplifier
- Long-excursion weather-treated EV8L woofer
- 1.25-inch DH2005 titanium HF compression driver
- Rotatable 90° x 50° horn for flexible coverage
- Steep crossover slopes and transducer protection
- 123 dB maximum SPL
- Microphone and line level inputs
- Switchable high-pass filter for use with subwoofer
- Compact wedge-shape enclosure of lightweight impact-resistant polystyrene
- Integrated pole mount adapter and pocket handle
- #8-32 suspension points (4) for installation
- Available in black or white

ZX3 All-weather 12-inch two-way full-range loudspeaker

- Versatile performance for mains, fills, or monitors
- DVX3121 500 W woofer with forced-air cooling
- 2-inch ND2 titanium/neodymium HF driver
- Passive crossover
- Choice of 90° x 50° or 60° x 60° coverage horn
- High sensitivity, 131 dB maximum SPL
- Power handling: 600 W continuous, 2400 W peak
- Water-resistant high-impact polypropylene enclosure
- Compact monitor-friendly wedge shape
- Up to four anchor-plate attachments
- M8 mounting inserts (7)
- Integrated handle
- Available in black and white

ZX4 15-inch two-way full-range loudspeaker

- Perfect for portable mains and monitors
- EVS15-SF woofer
- 1.25-inch DH3/2010A titanium HF driver
- Passive crossover
- 90° x 50° coverage horn
- High sensitivity, 132 dB maximum SPL
- Power handling: 400 W continuous, 1600 W peak
- Lightweight high-impact polypropylene enclosure
- Wedge shape for monitors at 45° or 55°
- Integrated pole mount adapter and pocket handle
- Mounting via attachment plates or eyebolts
- Black finish

ZX5 All-weather 15-inch two-way full-range loudspeaker

- Versatile performance for mains, fills, or monitors
- DVX3151 500 W woofer with forced-air cooling
- 2-inch ND2 titanium/neodymium HF driver
- Switchable biamp or passive crossover operation
- Choice of 90° x 50° or 60° x 60° coverage horn
- High sensitivity, 132 dB maximum SPL
- Power handling: 600 W continuous, 2400 W peak
- Compact highly weather-resistant enclosure of high-impact polypropylene
- Wedge shape for monitors at 45° or 55°
- Up to five anchor-plate attachments
- M8 mounting inserts (10)
- Integrated handle
- Available in black or white

ZXA5 Powered 15-inch two-way full-range loudspeaker

- Ideal for both portable and installation use
- Integrated 2-channel amplifier, 1000 W LF, 250 W HF
- DVX3151 500 W woofer with forced-air cooling
- 2-inch ND2 titanium/neodymium HF driver
- 90° x 50° coverage horn
- High sensitivity, 133 dB maximum SPL
- Switchable high-pass filter for use with subwoofer
- PowerCon connector with slave through
- Compact enclosure of high-impact polypropylene
- Wedge shape for monitors at 45° or 55°
- Integrated handle
- Up to five anchor-plate attachments
- M8 mounting inserts (10)
- Available in black or white

ZXA1-SUB 12" Powered Subwoofer

- 15mm Plywood Enclosure, Internally Braced, with Textured Paint
- EVS-12S 305mm (12") Woofer for Powerful, Engaging Bass Response
- Class D Lightweight Amplifier
- Pole Mount for Full-Range Systems
- Dual XLR Inputs and Outputs
- Switchable EQ Modes for Different Applications
- LED indicators for Power On and Limit

ZX/ZXA

Live for Sound

	ZX1	ZX1i	ZX3	ZX4	ZX5	ZXA1-90	ZXA5	ZXA1-SUB
Speaker Type	Full-range, mid-high, two-way, wedges	Full-range, mid-high, two-way	Full-range	Full-range, mid-high, two-way, wedges	Full-range, mid-high, two-way, wedges	Full-range, powered monitors, powered speakers, two-way, wedges		Powered Subwoofer
Frequency Response (-3 dB)	60 - 20,000 Hz	60 - 20,000 Hz	58 - 15,000 Hz	60 - 20,000 Hz	58 - 18,000 Hz	60 - 20,000 Hz (full-range mode)	58 - 18,000 Hz	53 - 93 Hz [1]
Frequency Range (-10 dB)	48 - 20000 Hz	48 - 20000 Hz	48 - 20000 Hz	42 - 20000 Hz	39 - 20000 Hz	48 - 20,000 Hz (full-range mode)	50 - 20000 Hz	44 - 118 Hz [1]
Sensitivity (SPL, 1 W/1 m)	94 dB	94 dB	97 dB	100 dB	98 dB	—	—	—
Max. SPL/1m (calc)	123 dB	123 dB	131 dB	132 dB	132 dB	123 dB	133 dB	126 dB [1,2]
Power Handling (Continuous, Peak)	200, 800 W	200, 800 W	600, 2400 W	400,1600 W	600, 2400 W	—	—	700 W
Coverage (Nominal -6 dB)	90° x 50° rotatable	90° x 50° rotatable 100° x 100° rotatable	90° H x 50° V 60° H x 60° V	90° H x 50° V	90° H x 50° V 60° H x 60° V	90° x 50° rotatable	90° H x 50° V 60° H x 60° V	Omnidirectional
LF Transducer	8-inch EV8L	8-inch EV8L	12-inch DVX3121	15-inch EVS15-SF	15-inch DVX3150	8-inch EV8L	15-inch DVX3150	(1) EVS-12S, 305mm (12") Woofer
HF Transducer	1.25-inch DH2005	1.25-inch DH2005	2-inch ND2	1.25-inch DH3/2010A	2-inch ND2	1.25-inch DH2005	2-inch ND2	—
Recommended High-Pass Frequency	40 Hz	40 Hz	50 Hz	42 Hz	36 Hz	36 Hz	100 Hz (user selectable)	—
Nominal Impedance (Passive)	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	—	—	—
Input Connections	Parallel Neutrik® NL4 Speakon	4-pin Phoenix	2 conductor SJO cable and gland nut	Parallel Neutrik NL4	Parallel Neutrik NL4	XLR and TRS Combo; XLR with Independent Gain	XLR	(2) XLR Stereo Input
Internal Crossover	Yes	Yes	Yes	Yes	Switchable biamp or passive crossover	—	—	—
Crossover Frequency	1.7 kHz	1.7 kHz	2 kHz	1500 Hz	1500 Hz	1800 Hz	1500 Hz	100 Hz
Minimum Impedance	6 Ω	6 Ω	6.2 Ω	6.5 Ω	6.5 Ω	—	—	—
Amplifier Power (RMS)	—	—	—	—	—	800 W	1250 W	800 W
Power Requirement	—	—	—	—	—	120V: 95V - 132V, 50 - 60 Hz, 0.8A 230V:190V - 264V, 50 - 60 Hz, 0.4A		120V: 90V-132v, 1.0 A, 50-60Hz 230V: 190V-264V, 0.6A, 50-60Hz
Enclosure Material	High Impact Polystyrene							—
Grill	Polyester Powder Coated, 18GA Galvanized Steel							18GA Steel with Black Powdercoat
Flying	No	Yes	Yes	Yes	Yes	No	Yes	Internally-braced plywood
Outdoor	No	Yes	Yes	No	Yes	No	No	No
Color	Black	Black, white	Black, white	Black	Black, white	Black	Black, white	Black
Dimensions (H x W x D)	451 x 282 x 263 mm 17.76 x 11.1 x 10.35 in	451 x 282 x 263 mm 17.76 x 11.1 x 10.35 in	613 x 397 x 362 mm 24.14 x 15.64 x 14.26 in	686 x 445 x 406 mm 27.01 x 17.52 x 15.98 in	692 x 446 x 411 mm 27.24 x 17.56 x 16.18 in	457 x 282 x 264 mm 17.99 x 11.1 x 10.39 in	692 x 446 x 411 mm 27.24 x 17.56 x 16.18 in	400 x 444.5 x 457.2 mm 15.75" x 17.50" x 18.00"
Weight Net	18.52 lbs (8.4 kg)	18.52 lbs (8.4 kg)	43.65 lbs (19.8 kg)	44.53 lbs (20.2 kg)	22.11.02 lbs (5 kg)	19 lbs (8.62 kg)	50.49 lbs (22.9 kg)	46.0 lbs (20.9 kg)

[1] Half-Space

[2] Typical maximum SPL value at one meter over the usable frequency range, measured with a pink-noise burst signal, using internal signal processing and amplifier driven to peak output.

It's no wonder that the SX/SXA series includes some of the most popular loudspeaker designs in history. Available in both externally-powered and self-powered versions, SX/SXA loudspeakers offer the tour-proven performance and reliability for which EV is known. A versatile range of speaker configurations and lightweight enclosures covers applications in commercial sound/ life safety, pro music, club sound, and performance and sports venues. In live performance, the SX/SXA line can handle tasks such as front-of-house, side fills, delay lines, or stage monitors. For installed sound, easy mounting and multiple weather-ready versions provide flexible system configuration for both indoor and outdoor venues. With high power-handling, great coverage, and smooth, consistent frequency response, cost-effective SX/SXA loudspeakers are the hard-working, easy-setup solution to your installation and portable system needs.

Sx100+ 12-inch two-way full-range loudspeaker

- Compact, portable sound reinforcement
- Ideal for live sound, speech, DJ, AV, institutional use
- 1.25-inch DH3/2010A titanium HF compression driver
- 65° x 65° Constant-directivity Varipath™ horn
- High efficiency, 127 db maximum SPL
- Power handling: 200 W continuous, 800 W peak
- Ring-Mode Decoupling (RMD™) for increased intelligibility
- Trapezoidal black or white copolymer enclosure
- Integral monitor stand, pole mount, rigging points

Sx300E 12-inch two-way full-range loudspeaker

- Compact, portable sound reinforcement
- Designed for use alone or in arrays
- Cast-frame DL12BFH woofer
- 1-inch DH3/2010A titanium HF compression driver
- 65° x 65° Constant-directivity Varipath™ horn
- Ring-Mode Decoupling (RMD™) for increased intelligibility
- Power handling: 300 W continuous, 1200 W peak
- Dual Neutrik Speakon® high-current connectors
- Trapezoidal black or white polypropylene enclosure
- Rubber feet and mating sockets for stacking
- Integral handles, pole mount

Sx300PI, Sx300PIX Weather-resistant 12-inch two-way full-range loudspeakers

- Sx300 performance with enhanced weather-resistance
- PIX version has multi-tap transformer for 70 or 100 V use
- Ideal for installation, alone or in arrays
- 1-inch DH3/2010A titanium HF compression driver
- 65° x 65° Constant-directivity Varipath™ horn
- Ring-Mode Decoupling (RMD™) for increased intelligibility
- Power handling: 300 W continuous, 1200 W peak
- Neutrik Speakon® (PI) or Phoenix (PIX) connectors
- Trapezoidal enclosure of high-impact polypropylene
- Rubber feet and mating sockets for stacking
- Integral handles, pole socket, suspension points
- Available in black or white

Sx600PI, Sx600PIX Weather-resistant dual-element full-range line array

- High output with exceptional outdoor performance
- Ideal for arenas, stadiums, and race tracks
- 600 W multi-tap transformer (PIX only) for 70 or 100 V use
- High intelligibility at high SPL (139 dB max)
- Cast-frame 12-inch DL12BFH woofer
- Neodymium-based 12-inch ND12A mid-driver
- 2-inch DH2T titanium HF compression driver
- 65° x 65° Constant-directivity Varipath™ horn
- Very high sensitivity (105dB 1 W / 1 m)
- Power handling (PI): 600 W continuous, 2400 W peak
- Lightweight trapezoidal polypropylene enclosure
- SuperSAM™ mounting system adjusts 60° V and 180° H

SB122PI Weather-resistant very compact 12-inch subwoofer

- Sb122 performance with enhanced weather-resistance
- Internal transformer (PIX only) for 70.7 V use
- Low-pass filter for parallel connection without added amp
- Large vent for enhanced LF output
- Cast-frame EVS12SB long-excursion woofer
- Power handling: 400 W continuous, 1600 W peak
- Parallel Neutrik Speakon high current input connectors
- Strong, composite trapezoidal enclosure
- Pole mount on top for pairing with Sx80 or Zx1
- Integral handle
- Available in black or white

	Sx100 +	Sx300 (all)	Sx600 (all)	SB122 (all)
Frequency Range (-10 dB)	60 - 25,000 Hz	50 - 20 ,000 Hz	70 - 16,000 Hz	43 - 200 Hz
Recommended High-Pass Frequency	—	—	90 Hz	40 Hz (12 dB/octave)
Axial Sensitivity, Bi amp (SPL, 1 W @ 1 m)	98 dB	99 dB	105 dB	99 dB (half space)
Max. SPL @ 1 m (calc.), full space	127 dB	Low Z: 131 dB 100V: 123 dB	139 dB	131 dB (half space)
Power Handling (Long-term, Short-term), Low Z	200, 800 W	300, 1200 W	600, 2400 W	400, 1600 W
Coverage (nominal -6 dB) H x V	65° x 65° (Const.-dir. horn)	65° x 65° (Const.-dir. horn)	65° x 65° (Const.-dir. horn)	essentially omni
Directivity Index (800 - 16,000 Hz)	11.1 dB (+2.4/-4.1 dB)	11.1 dB (+2.4/-4.1 dB)	11.3 dB	—
LF Transducers	12-inch	12-inch DL12BFH	One 12-inch DL12BFH (LF), one 12-inch ND12 (MB)	12-inch EVS12
HF Transducer	1.25-inch DH3/2010A	1.25-inch DH3/2010A	2-inch DH2T	—
Crossover Frequencies	1500 Hz	1500 Hz	1800 Hz	160 Hz
Nominal Impedance (non-transformer)	8 Ω	8 Ω	4 Ω	8 Ω
Minimum Impedance (non-transformer)	5.6 Ω	5.0 Ω	3.5 Ω	6.0 Ω
Input Connections	see above	2 four-pin Speakon	SJO cable/gland nut	2 four-pin Speakon
Dimensions (H x W at front x D)	586 x 429 x 312 mm 23.07 x 16.89 x 12.28 in	586 x 429 x 312 mm 23.07 x 16.89 x 12.28 in	1163 x 429 x 312 mm 45.79 x 16.89 x 12.28 in	586 x 429 x 312 mm 23.07 x 16.89 x 12.28 in
Net Weight	14.5 kg 32 lbs	14.5 kg (PIX: 17.7 kg) 30 lbs. (PIX: 49.0 lbs.)	36.3 kg (80 lbs.)	14.6 kg (33 lbs.)

Phoenix

Live for Sound

Phoenix represents the rebirth of Manifold Technology. Designed for tremendous SPL and sonic headroom, as well as ease of transport and set-up, Phoenix fills the needs of the live sound PA professional who finds that X-Array is just too much and Rx is not enough. The high-output performance of Phoenix has been optimized to reproduce rock, pop, and dance music. Using dual, ND2, neodymium compression drivers on a manifold horn and state-of-the-art DVX woofers, Phoenix loudspeakers can perform louder and longer with less stress on system components.

PX2122 High output dual 12" two-way

- Dual ND2 2" Voice Coil, 1" Exit Neodymium Compression Drivers
- Dual DVX3121 12.LF Transducers with Forced Air Cooling
- Long-Throw 45° x 30° Rotatable Coverage Pattern
- 1000W Continuous (4000W Peak) Power Handling
- Biamp Operation
- Very High Sensitivity, 138 dB max. SPL
- Integral Rigging Points for Eyebolts or Optional Rigging Kit
- Designed for horizontal arrays of two or three cabinets

PX2152 High output dual 15" two-way

- Dual ND2 2" Voice Coil, 1" Exit Neodymium Compression Drivers
- Dual DVX3150 15.LF Transducers with Forced Air Cooling
- High Sensitivity, 136 dB maximum SPL
- 60° x 45° Rotatable Coverage Pattern
- 1200W Continuous (4800W Peak) Power Handling
- Passive/Biamp Selectable
- Integral Points for eyebolts or optional Rigging Kit
- Arrayable

PX2181 High output dual 18" subwoofer

- Dual Horn-Loaded DVX3180 18" LF Transducers with Forced Air Cooling
- 1000W Continuous (4000W Peak) Power Handling
- High-Efficiency Sub-ScoopTM Design
- Dual/Parallel Mode Selectable
- Very High Sensitivity, 141 dB max. SPL
- Integral Mounting Points on Rear Panel for Optional Wheel/Caster Kit
- Enclosure is Stackable in Both Horizontal and Vertical Orientations

PX1122M High output 12" two-way monitor

- Dual ND2 2" Voice Coil, 1" Exit Neodymium Compression Drivers
- VX3121 12.LF Transducer with Forced Air Cooling
- Very High Sensitivity, 132 dB(PX1122M) / 134 dB(PX1152M) max. SPL
- Ultra-Compact, Low Profile, Multipurpose Design
- 90° x 45° Coverage Pattern
- 600W Cont. (2400W Peak) Power Handling
- Passive/Biamp Selectable
- Integral Rigging Point for PX-SAM Strong Arm & Pole
- Mount for Tripod Use

PX1152M High output 15" two-way monitor

- Dual ND2 2" Voice Coil, 1" Exit Neodymium Compression Drivers
- VX3151 15.LF Transducer with Forced Air Cooling
- Very High Sensitivity, 132 dB(PX1122M) / 134 dB(PX1152M) max. SPL
- Ultra-Compact, Low Profile, Multipurpose Design
- 90° x 45° Coverage Pattern
- 600W Cont. (2400W Peak) Power Handling
- Passive/Biamp Selectable
- Integral Rigging Point for PX-SAM Strong Arm & Pole
- Mount for Tripod Use

	PX2122	PX2152	PX2181	PX1122M	PX1152M
Frequency Range (-10 dB)	60 Hz - 19 kHz	50 Hz - 19 kHz	40 Hz - 180 Hz	55 Hz - 19 kHz	50 Hz - 19 kHz
Recommended High-Pass Frequency	80 Hz (12 dB/Oct.)	40 Hz (12 dB/Oct)	32 Hz (12 dB/Oct.)	50 Hz (12 dB/Oct.)	45 Hz (12 dB/Oct.)
Axial Sensitivity SPL 1 W/1 m	102 dB	99 dB	105 dB	98 dB	100 dB
Max. SPL /1 m (calc.), full space	138 dB	136 dB	141 dB	132 dB	134 dB
LF Power Handling (Passive)	—	1200 W Cont. / 4,800 W Peak	—	600 W Cont. / 2,400 W Peak	600 W Cont. / 2,400 W Peak
LF Power Handling (Biamp)	1000 W Cont. / 4,000 W Peak	1000 W Cont. / 4,000 W Peak	1000 W Cont. / 4,000 W Peak	500 W Cont. / 2,000 W Peak	Peak 500 W Cont. / 2,000 W Peak
HF Power Handling (Biamp)	80 W Cont. / 320 W Peak	80 W Cont. / 320 W Peak	—	80 W Cont. / 320 W Peak	80 W Cont. / 320 W Peak
Coverage (nominal -6 dB) H° x V°	30° (or 45°) x 45° (or 30°)	60° (or 45°) x 45° (or 60°)	Omnidirectional	90° x 45°	90° x 45°
LF transducer	2 x 12" DVX3121	2 x 15" DVX3150	2 x 18" DVX3180	1 x 12" DVX3121	1 x 12" DVX3151
HF transducer	2 x 2" ND2-16	2 x 2" ND2-16	—	2 x 2" ND2-16	2 x 2" ND2-16
Crossover Frequencies	1600 Hz	1,900 Hz	80 Hz - 125 Hz	80 Hz - 125 Hz	1,600 Hz 80 Hz - 125 Hz
LF Impedance	4 Ω Nominal	4 Ω Nominal	4 Ω Nominal	8 Ω Nominal	8 Ω Nominal
HF Impedance	8 Ω Nominal	8 Ω Nominal	—	8 Ω Nominal	8 Ω Nominal
Input Connections	Neutrik Speakon NL4's	Neutrik Speakon NL4's	Neutrik Speakon NL4's	Neutrik Speakon NL4's	Neutrik Speakon NL4's
Enclosure Material	18 mm Plywood with EVCoat™	18 mm Plywood with EVCoat™	18 mm Plywood with EVCoat™	18 mm Plywood with EVCoat™	18 mm Plywood with EVCoat
Dimensions (H x W x D)	1219 x 457 x 445 mm	1219 x 457 x 445 mm	1219 x 569 x 758 mm	546 x 366 x 305 mm	610 x 366 x 305 mm
	(48" x 18" x 17,5")	48" x 18" x 17,5"	48.0" x 22.42" x 29.85"		24.00" x 17.42" x 12.97"
Net Weight	50.1 kg (110.3 lbs.)	45.6 kg (111.9 lbs.)	86.5 kg (190,5 lbs.)	23.1 kg (51 lbs.)	25.1 kg (55.3 lbs.)

Rx Series

Live for Sound

Rx Series has become the standard for regional sound companies, rental professionals, and contractors who want compact high-performance loudspeakers with concert-grade EV components. Covered with rugged EVCOAT, Rx looks great stacked, on poles, as monitors, or flown with simple, integrated, L-track rigging points on top and bottom. Their unique, asymmetrical, fully rotable horns with 15 degree downward bias ensures high-frequency coverage without having to tilt the enclosure toward the audience. Our powerhouse, the DH7 large-format driver (three-inch voice-coil, 1.4-inch exit) provides the high-frequency engine, while a selection of DL and EVX woofers anchor the low and sub frequencies. The combination of high-level components, unique design, and versatility make Rx Series one of the best values in the industry.

Rx 112/75 Compact 12" two-way

- 2-Way High-Output Full-range
- High Sensitivity
- Ultra-linear frequency response
- Solid bass down to 52 Hz (-10 dB)
- Vented LF enclosure
- Asymmetric CD-horn aimed downward by 10°
- 3" voice coil (titanium diaphragm)
- Protection circuits for HF-driver and LF-woofer
- Easy external operation mode selection
- 5-side multi-angled housing with monitor slant

Rx 115/75 Compact 15" two-way

- 2-Way High-Output Full-range
- High Sensitivity
- Ultra-linear frequency response
- Solid bass down to 50 Hz (-10 dB)
- Vented LF enclosure
- Asymmetric CD-horn aimed downward by 10°
- 3" voice coil (titanium diaphragm)
- Protection circuits for HF-driver and LF-woofer
- Easy external operation mode selection
- 5-side multi-angled housing with monitor slant
- Same front width as Rx 118 S

Rx 118S Compact 18" subwoofer

- Subwoofer
- Direct radiating vented design
- High Sensitivity
- Solid bass down to 30 Hz (-10 dB)
- Rectangular
- Equipped with shown features below

Rx 153/75 Compact 15" three-way

- Three-way, high-output, full-range loudspeaker
- Biamp only
- Solid bass to 42 Hz (-10dB)
- Vented LF enclosure
- Asymmetrical CD horn aimed downward by 10°
- 3" HF voice coil (titanium diaphragm)
- Protection circuit for HF driver
- Trapezoidal cabinet (15° per side) for tightpack situations
- Comes with L-track hardware and single-stud ancra fittings

Rx 212/75 Compact dual 12" two-way

- 2-Way Highest-Output Full-range
- High Sensitivity
- Ultra-linear frequency response
- Extended bass response down to 50 Hz (-10 dB)
- Vented LF enclosure
- Asymmetric CD-horn aimed downward by 10°
- 3" voice coil (titanium diaphragm)
- Protection circuits for HF-driver and LF-woofers
- Easy external operation mode selection
- Trapezoidal (10° per side)

Rx 218S Compact dual 18" subwoofer

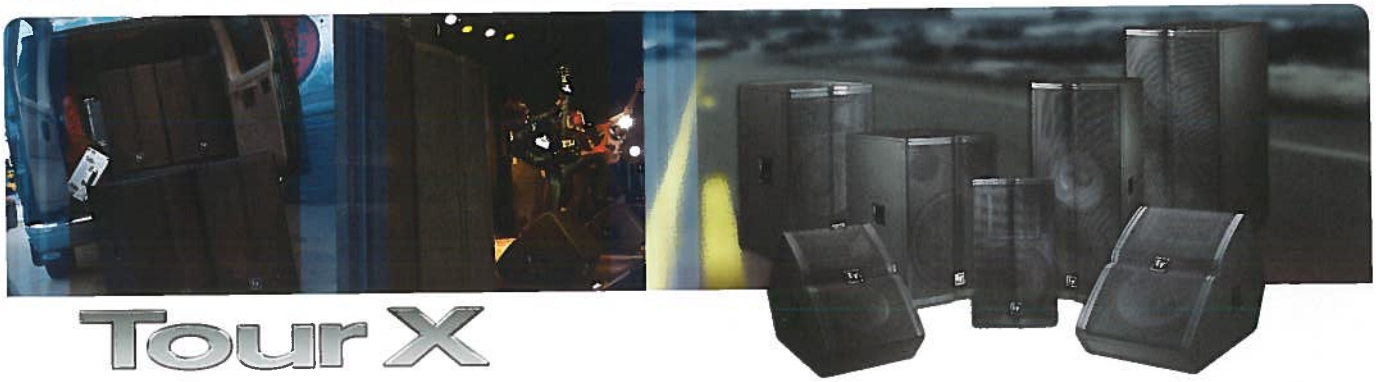
- Subwoofer
- Direct radiating vented design
- High Sensitivity
- Solid bass down to 31 Hz (-10 dB)
- Rectangular
- Also perfect in combination with large HP and MH horns
- Equipped with shown features below
- Flyable version available

	Rx112/75	Rx115/75	Rx153	Rx(H) 212/75	Rx118	Rx218S
Frequency Range (-10 dB)	52 Hz - 18 kHz	45 Hz - 16 kHz	42 Hz - 20 kHz	52 Hz - 15 kHz	30 Hz - 250 Hz	31 - 250 Hz
Frequency Range (-3 dB) with controller amp	75 Hz - 15 kHz	60 Hz - 15 kHz	50 Hz - 16 kHz	75 Hz - 18 kHz	45 Hz - 150 Hz	38 - 125 Hz
Recommended High-pass frequency	45 Hz (12 dB/Oct.)	45 Hz (12 dB/Oct.)	—	45 Hz (12 dB/Oct.)	36 Hz (12 dB/Oct.)	35 Hz (12 dB/Oct.)
Axial Sensitivity SPL 1W/1m (Biamp operation)	100 dB (100/112 dB)	100 dB (98/110 dB)	98/105 dB	102 dB (102/112 dB)	98 dB	102 dB
Max. SPL / 1m (calc.)	131 dB	133 dB	130 dB	129 dB/135 dB	131/137 dB *	139 dB
Continuous Power Handling	350 W (300 W/75 W)	450 W (400 W/75 W)	400 W/150 W/150 W	650 W (600 W/75 W)	600/800 W	1200 W
Peak Power Handling (Biamp)	1,400 W (1,200/300 W)	1,800 W (1,600/300 W)	1,600 W/600 W/600 W	2,600 W (2,400/300 W)	2,400/3,200 W	4,800 W
Coverage (nominal -6 dB) H° x V°	75° x 50° (asym. CD horn)	75° x 50° (asym. CD horn)	75° x 50° (asym. CD horn)	75° x 50° (asym. CD horn)	essentially omni	essentially omni
LF woofer (transducer)	12" (DL12BFH)	15" (DL15X)	15" (DL15ST)	2 x 12" (DL12BFH)	1x18"(EVX) / 2x15"(DL15)	2 x 18" (DL18MT)
VC diameter	3" (DH7)	3" (DH7)	8" MF8 MF/ 3" DH7 HF	3" (DH7)	—	—
Crossover Frequencies (slope in Biamp mode)	1,500 Hz (24 dB/Oct.)	1,500 Hz (24 dB/Oct.)	1,200 Hz	1,500 Hz (24 dB/Oct.)	100 Hz (24 dB/Oct.)	100 Hz (24 dB/Oct.)
Nominal Impedance (Biamp mode)	8 Ω (8 Ω/8 Ω)	8 Ω (8 Ω/8 Ω)	8 Ω/12 Ω/12 Ω	4 Ω (4 Ω/8 Ω)	8/4 Ω	4 Ω
Input Connections	2 Neutrik® NL4	2 Neutrik® NL4	2 Neutrik® NL4	2 Neutrik® NL4	2 Neutrik® NL4	2 Neutrik® NL4
Dimensions (H x W at front x D)	675 x 390 x 372 mm 26.6" x 15.36" x 16"	759 x 450 x 407 mm 29.9" x 17.72" x 16.02"	1,240 x 467 x 485 mm 41.5" x 18.4" x 19.12"	990 x 390 x 375 mm 38.96" x 15.47" x 14.77"	902 x 450 x 600 mm 35.5" x 17.7" x 23.6"	1015 x 560 x 602 mm 39" x 22.05" x 23.6"
Net Weight (subs without wheel kit)	26.0 kg (58 lbs.)	32.0 kg. (71 lbs.)	47 kg (97 lbs.)	36.5 kg. (80 lbs.)	47.5/48.5 kg (100/102 lbs.)	68 kg (150 lbs.)

*Half space

Tour X

Live for Sound



Tour X brings the engineering excellence and aesthetic design of EV's world-class tour systems to an innovative and exciting series of portable loudspeakers. Combining bold design and breakthrough performance, the Tour X series is optimized for applications such as club sound, pro music, and concert sound. The line's full-range loudspeakers and monitors utilize either 1.25-inch DH3/2010A or 2-inch ND2 compression drivers, protected by an advanced fourth-order crossover. Rotatable horns provide coverage-pattern flexibility while 12-inch or 15-inch SMX woofers deliver high power-handling with high sensitivity. Tour X 18-inch subwoofers, meanwhile, use high-excursion EVS-18S LF transducers to ensure plenty of impact with ultra-low distortion. For tour-class performance in a portable package that's surprisingly affordable, look no further than Tour X.

TX1122

12-inch two-way full-range loudspeaker

- High-quality sound at high levels
- Excellent pattern control for short-to-medium throw
- Low-distortion SMX2120 woofer with fully symmetric drive
- 1.25-inch DH3/2010A titanium HF compression driver
- Constant-directivity 90° H x 50° V horn
- Advanced 4th-order crossover with HF protection
- 97 dB sensitivity, 130 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- Lightweight trapezoidal plywood/MDF enclosure
- Pole mount for use with subwoofer or stand
- Six 3/8-inch threaded suspension points
- Black EVCoat™ finish

TX1152

15-inch two-way full-range loudspeaker

- High-output, high-quality sound
- Excellent pattern control for medium throw use
- Low-distortion SMX2151 woofer with fully symmetric drive
- 1.25-inch DH3/2010A titanium HF compression driver
- Rotatable Constant-directivity 60° x 40° horn
- Advanced 4th-order crossover with HF protection
- 100 dB sensitivity, 133 dB maximum SPL
- Power handling: 500 W continuous, 2000 W peak
- Lightweight trapezoidal plywood/MDF enclosure
- Pole mount for use with subwoofer or stand
- Six 3/8-inch threaded suspension points
- Black EVCoat™ finish

TX2152

Dual 15-inch two-way full-range loudspeaker

- Very high SPL with smooth response
- Ideal as mains for small-to-medium clubs
- Excellent pattern control for medium throw use
- Dual SMX2151 woofers with fully symmetric drive
- 2-inch ND2 neodymium HF compression driver
- Rotatable Constant-directivity 60° x 40° horn
- Advanced 6th-order crossover with HF protection
- 103 dB sensitivity, 139 dB maximum SPL
- Power handling: 1000 W continuous, 4000 W peak
- Internally braced trapezoidal plywood/MDF enclosure
- Six 3/8-inch threaded suspension points
- Black EVCoat™ finish

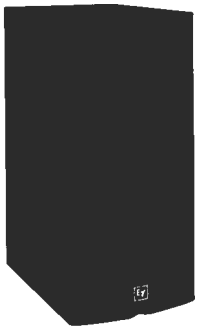
TX1181

18-inch subwoofer

- High-power LF supplement to TX1122 and TX1152
- High-excursion EVS-18S woofer
- 6 dB/octave low-pass filter for parallel connection without added amp
- 100 dB sensitivity, 132 dB max SPL
- Power handling: 500 W continuous, 2000 W peak
- Top-side socket for speaker pole
- Mount points (6) for optional wheel kit
- Braced plywood/MDF enclosure
- Black EVCoat™ finish

TX2181

Dual 18-inch subwoofer

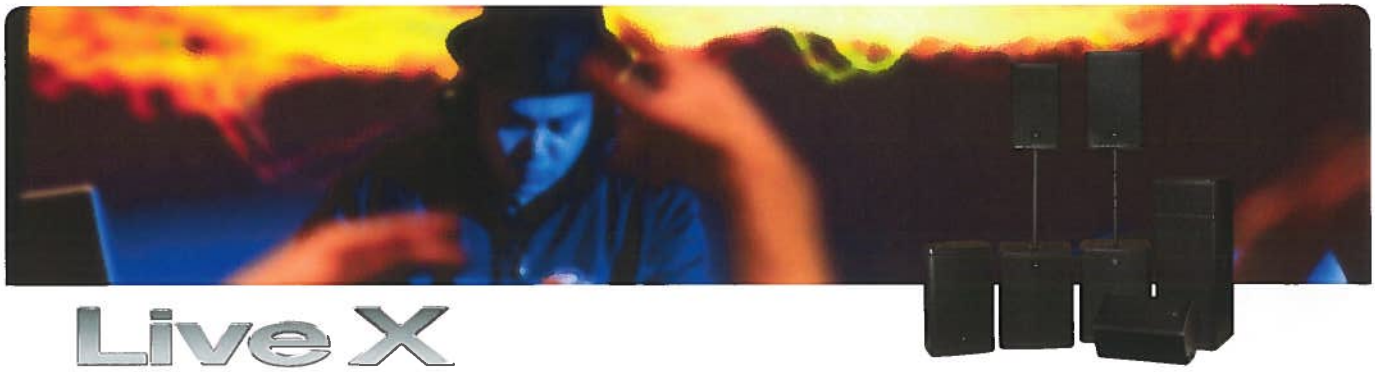


- High-power LF supplement to TX2152
- Low-distortion port design
- Two high-excursion EVS-18S woofers
- Use with processor and dedicated amp channel
- 103 dB sensitivity, 138 dB max SPL
- Power handling: 1000 W continuous, 4000 W peak
- Mount points (6) for optional wheel kit
- Braced plywood/MDF enclosure
- Black EVCoat™ finish

	TX1122	TX1152	TX2152	TX1181	TX2181
Speaker Type	Full-range	Full-range	Full-range	Subwoofer	Subwoofer
Frequency Response (-3 dB)	60 - 20,000 Hz	55 - 20,000 Hz	55 - 13,000 Hz	50 - 160 Hz	50 - 160 Hz
Frequency Range (-10 dB)	45 - 20,000 Hz	40 - 20,000 Hz	50 - 18,000 Hz	45 - 700 Hz	40 - 1500 Hz
Sensitivity (SPL, 1 W/1 m)	97 dB	100 dB	103 dB	100 dB	103 dB
Max. SPL/1m (calc)	130 dB	133 dB	139 dB	132 dB	138 dB
System Power Handling (Continuous, Peak)	500, 2000 W	500, 2000 W	1000, 4000 W	500, 2000 W	1000, 4000 W
Coverage(Nominal -6 dB)	90° H x 50° V	60° x 40° rotatable	60° x 40° rotatable	—	—
LF Transducer	12-inch SMX2120	15-inch SMX2151	Two 15-inch SMX2151	18-inch EVS18S	Two 18-inch EVS18S
HF Transducer	1.25-inch DH3/2010A	1.25-inch DH3/2010A	2-inch ND2	—	—
Internal Crossover	Yes	Yes	Yes	Low-pass filter	No
Crossover Frequency	1750 Hz	1650 Hz	1750 Hz	—	—
Nominal Impedance (Passive)	8 Ω	8 Ω	4 Ω	8 Ω	4 Ω
Minimum Impedance	5.4 Ω	5.6 Ω	3.1 Ω	7.5 Ω	2.9 Ω
Input Connections	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4
Enclosure Material	Plywood and MDF with EVCOAT	Plywood and MDF with EVCOAT	Plywood and MDF with EVCOAT	Plywood and MDF with EVCOAT	Plywood and MDF with EVCOAT
Flying Suspension	Six 3/8-inch threaded inserts	(6) 3/8-inch threaded inserts	(6) 3/8-inch threaded inserts	—	—
Dimensions (H x W x D)	616 x 382 x 380 mm 24.25 x 15.04 x 14.96 in	776 x 446 x 446 mm 30.55 x 17.56 x 17.56 in	1154 x 508 x 471 mm 45.43 x 20 x 18.54 in	769 x 439 x 591 mm 30.28 x 17.28 x 23.27 in	1154 x 508 x 691 mm 45.43 x 20 x 27.2 in
Weight Net	44.53 lbs (20.2 kg)	61.29 lbs (27.8 kg)	94.36 lbs (42.8 kg)	74.52 lbs (33.8 kg)	123.68 lbs (56.1 kg)

Live X

Live for Sound



Live X

Clear, powerful, and musical, the Live X series was born to command the stage for professional music performance. Available in both powered and passive versions, Live X loudspeakers offer top-quality components in remarkably affordable configurations that put the EV-quality experience within reach for artists, engineers, and live-sound businesses. Designed for a wide range of portable sound applications, Live X loudspeakers are housed in hardy stackable enclosures of solid wood, making them lighter than comparable-quality composite or plastic boxes and therefore easier to load, transport, and set up. With high output, extended frequency range, and high sensitivity, Live X loudspeakers are clean, flat, and hot, making music of all kinds sound its best. The Live X series is serious gear for serious sound.

ELX112 12-inch two-way full-range

- Compact power for sound reinforcement and stage monitoring
- EVS-12K woofer
- 1.5-inch DH-1K titanium HF compression driver
- 55 Hz – 20 kHz frequency range
- 90° x 50° coverage-pattern waveguide
- 60° Monitor Angle
- 94 dB SPL sensitivity; 132 dB max SPL
- Power handling: 250 W continuous, 1000 W peak
- Braced 15mm plywood enclosure
- Pole mount or stack with Live X Subwoofers
- Black textured finish

ELX112P Powered 12-inch two-way full-range

- ELX112 performance with self-amplification
- 50 Hz – 20 kHz frequency range
- Lightweight, cool-running 1000 W Class D amp
- Biamped with 24 dB/octave crossover
- Transducer protection
- Bypassable high-pass for external subwoofer
- XLR, TRS, and RCA connections
- Versatile gain, mixing, and processing controls
- Pre- or post-mix parallel outputs

ELX115 15-inch two-way full-range

- More power, fuller sound for larger rooms
- EVS-15K woofer
- 1.5-inch DH-1K titanium HF compression driver
- 50 Hz – 20 kHz frequency range
- 90° x 50° coverage-pattern waveguide
- 60° Monitor Angle
- 95 dB SPL sensitivity; 134 dB max SPL
- Power handling: 400 W continuous, 1600 W peak
- Braced 15mm plywood enclosure
- Pole mount or stack with Live X Subwoofers
- Black textured finish

ELX115P Powered 15-inch two-way

- ELX115 performance with self-amplification
- 44 Hz – 20 kHz frequency range
- Lightweight, cool-running 1000 W Class D amp
- Biamped with 24 dB/octave crossover
- Transducer protection
- Bypassable high-pass for external subwoofer
- XLR, TRS, and RCA input connections
- Versatile gain, mixing, and processing controls
- Pre- or post-mix parallel outputs

ELX118 18-inch subwoofer

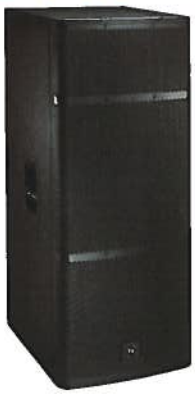
- Supplemental bass for ELX112 or ELX115
- EVS-18K woofer for extended LF
- 35 Hz – 200 Hz frequency range
- 96 dB SPL sensitivity; 134 dB max SPL
- Power handling: 400 W continuous, 1600 W peak
- Braced 15mm plywood enclosure
- Stack or pole-mount full-range boxes
- Black textured finish

ELX118P Powered 18-inch subwoofer

- ELX118 performance with self-amplification
- EVS-18K woofer for extended LF
- 32 Hz – 130 Hz frequency range
- Lightweight, cool-running 700 W Class D amp
- Selectable Normal/Boost modes
- XLR and TRS combo input
- XLR parallel output

ELX215

Dual 15-inch two-way full-range



- High-volume punch and ultra-wide frequency response
- Ideal for mains
- Two EVS-15K woofers for extended LF
- 1.5-inch DH-1K titanium HF compression driver
- 38 Hz – 20 kHz frequency range
- 90° x 50° coverage-pattern waveguide
- 96 dB SPL sensitivity; 137 dB max SPL
- Power handling: 600 W continuous, 2400 W peak
- Braced 15mm plywood enclosure
- Black textured finish Dual 15-inch two-way full-range loudspeaker

	ELX112	ELX112P	ELX115	ELX115P	ELX118	ELX118P	ELX215
Speaker Type	Full-range, two-way, wedges	Full-range, two-way, wedges	Full-range, mid-high, two-way	Full-range, mid-high, two-way	Subwoofer	Subwoofer	Full-range, mid-high, two-way
Frequency Response (-3 dB)	85 - 17,000 Hz	85 - 17,000 Hz	60 - 20,000 Hz	60 - 20,000 Hz	36 - 210 Hz	36 - 210 Hz	46 - 18,000 Hz
Frequency Range (-10 dB)	55 - 20,000 Hz	50 - 20,000 Hz	40 - 20,000 Hz	40 - 20,000 Hz	35 - 200 Hz	32 - 130 Hz	35 - 20,000 Hz
Sensitivity (SPL, 1 W/1 m)	99 dB	99 dB	100 dB	100 dB	100 dB	100 dB	96 dB
Max. SPL/1m (calc)	128 dB	128 dB	130 dB	130 dB	131 dB	131 dB	100 dB
System Power Handling (Continuous, Program, Peak)	250 W	250 W	250 W	250 W	350 W	350 W	600 W
Coverage(Nominal -6 dB) H x V	55° x 80°	55° x 80°	80° x 55°	80° x 55°	omni	omni	80° x 50°
Internal Crossover	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nominal Impedance (Passive)	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	4 Ω
Input Connections	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4	Parallel Neutrik® NL4
Woofer Size	12-inch (304.8 mm)	12-inch (304.8 mm)	15-inch (381 mm)	15-inch (381 mm)	18-inch (457.2 mm)	18-inch (457.2 mm)	15-inch (381 mm)
Color	Black	Black	Black	Black	Black	Black	Black
Dimensions (H x W x D)	546 x 361 x 246 mm 21.5 x 14.21 x 9.69 in	546 x 361 x 246 mm 21.5 x 14.21 x 9.69 in	648 x 465 x 386 mm 25.51 x 18.31 x 15.2 in	648 x 465 x 386 mm 25.51 x 18.31 x 15.2 in	648 x 518 x 597 mm 25.51 x 20.39 x 23.5 in	648 x 518 x 597 mm 25.51 x 20.39 x 23.5 in	1168 x 455 x 514 mm 45.98 x 17.91 x 20.24 in
Weight Net	28.44 lbs (12.9 kg)	28.44 lbs (12.9 kg)	53.13 lbs (24.1 kg)	53.13 lbs (24.1 kg)	87.74 lbs (39.8 kg)	87.74 lbs (39.8 kg)	114.64 lbs (52 kg)

Variplex II

The Variplex II line includes THX-approved loudspeaker systems, appropriate for large and small cinemas. These three-way systems showcase Electro-Voice's time-proven acoustic excellence in a modular form, which ensures that any system can be configured to fit any room. And more importantly, that an Electro-Voice cinema experience will be the best your customers have ever heard. Our THX-approved, high-quality CPS Series Amplifiers are part of this formula for success.

Features:

- Asymmetric Directed Coverage™ (5° down-angled) for uniform front-to-back sound
- Adjustable bracket for easy aiming
- 90° H x 50° V coverage pattern
- Ring-Mode Decoupling™ for improved voice clarity
- Digital Dynamics Capable™ for wide dynamic range
- Pre-assembled mid-high for easy installation

Variplex II XL — Three-way THX-approved high-power screen-channel speaker

Consists of Two TL606ST Low-Frequency Systems and One Variplex HPK System

- The ultimate in high-fidelity cinema sound
- Uniform high-power coverage even in large rooms
- Four cast-frame 15-inch DL15ST woofers
- 3-inch ND6-8 titanium/neodymium HF driver
- THX® approved
- Triamp or biamp operation

Variplex II — Three-way THX-approved screen-channel speaker

Consists of One TL606ST Low-Frequency System and One Variplex HPK System

- Even coverage, intelligibility, and extended dynamic range
- Ideal for high fidelity cinema
- Two cast-frame 15-inch DL15ST woofers
- 3-inch ND6-8 titanium/neodymium HF driver
- Bi-amp or tri-amp operation
- THX® approved
- Triamp or biamp operation

Variplex Matinee — Three-way screen-channel speaker

Consists of One TL606M Low-Frequency System and One Variplex M HPK System

- Three-way design for intelligibility and clarity
- Two 15-inch EV15-G woofers
- 2-inch DH2T titanium HF compression driver
- Passive or biamp operation

TL Series Low-Frequency Systems

TL Series

TL series low-frequency loudspeaker systems provide exceptionally powerful, clean low-end that puts the thump in popular music and brings all-important richness to movie soundtracks. Delivering maximum impact with minimum distortion, TL series loudspeakers are ideal for cinema sound, contemporary music reinforcement, theatrical sound effects, and general subwoofer applications. Dual 15-inch or 18-inch woofers pack plenty of punch while precisely-tuned enclosures bring out the full low-end potential of the sound.

Features:

- Optimized for cinema sound
- Wide dynamics for clean transients
- Direct radiating design in vented enclosure
- Excellent for contemporary music reinforcement
- THX® approved as part of Variplex II system

TL880DM Dual 18-inch cinema subwoofer

- Excellent for contemporary music reinforcement
- High acoustic output to below 20 Hz (-10 dB) for true low-end effects
- Two long-throw EVX-180A woofers
- Power handling: 2000 watts continuous
- Side input panel for easy behind-screen installation

TL606ST Premium Dual 15-inch LF loudspeaker

- LF reproduction down to 34 Hz (-10 dB) for full, rich lows
- Low distortion, high power
- Two DL15ST woofers
- 101 dB SPL sensitivity, 136 dB max SPL
- Power handling: 800 W continuous, 3200 W peak

TL606M Dual 15-inch LF loudspeaker

- LF reproduction down to 34 Hz (-10 dB) for full, rich lows
- Low distortion, high power
- Two EV15-G woofers
- Power handling: 500 W continuous, 2000 W peak
- 99 dB SPL sensitivity, 133 dB max SPL

	Variplex II XL	Variplex II	Variplex Matinee	TL880DM	TL606ST	TL606M
Frequency Response (+/- 3 dB)	41 - 16,000 Hz	41 - 16,000 Hz	45 - 16,000 Hz	23 - 400 Hz	41 - 500 Hz	45 - 500 Hz
Frequency Range (-10 dB)	34 - 18,000 Hz	34 - 18,000 Hz	34 - 18,000 Hz	27 - 1,250 Hz	34 - 500 Hz	34 - 500 Hz
System Sensitivity, SPL (1 W/1 m)	104 dB	101 dB	104 dB	99 dB	101 dB	104 dB
Max. SPL/1 m (calc.)	LF: 139 dB, MB-HF: 141 dB	LF: 136 dB, MB-HF: 141 dB	133 dB	133 dB	136 dB	133 dB
Crossover Frequencies (LF/MB, MB/HF)	500Hz, 1300 Hz	500Hz, 1300 Hz	500 Hz (LF/MB)	–	–	–
Power Handling, continuous (LF, MB, HF)	1600, 400, 75 W	800, 400, 75 W	500 , 300 (MB-HF) W	700 W	800 W	500 W
Power Handling, Peak (LF, MF, HF)	6400, 1600, 300 W	3200, 1600, 300 W	2000 , 1200 (MB-HF) W	2800 W	3200 W	2000 W
Coverage Horizontal	90°	90°	90°	omni	omni	omni
Coverage Vertical (up/down)	20°/30°	20°/30°	20°/30°	omni	omni	omni
LF Transducer	Four DL15ST	Two DL15ST	Two EV15-G	Two EVX180B	Two DL15ST	Two EV15-G
MF Transducer	Two EV8DH	Two EV8DH	Two EV8D	–	–	–
HF Transducer	ND 6-8	ND 6-8	DH2T	–	–	–
Nominal impedance in Ohms (LF, MF, HF)	Two at 4 each, 4, 8 Ω	4, 4, 8 Ω	4, 4 Ω (MB-HF)	4 Ω	4 Ω	4 Ω
Dimensions (H x W x D)	1924 x 1296 x 396 mm 75.8 x 51 x 15.6 in	1924 x 648 x 396 mm 75.8 x 25.5 x 15.6 in	1924 x 648 x 396 mm 75.8 x 25.5 x 15.6 in	1210 x 762 x 605 mm 47.5 x 30 x23.8 in	1003 x 648 x 445 39.5 x 25.5 x 17.5 in	1003 x 648 x396 mm 39.5 x 25.5 x 15.6 in
Weight (net)	306.4 lbs. (139 kg)	163.1 lbs. (74 kg)	156 lbs (70.8 kg)	156 lbs (70.8 kg)	110 lbs (49.9 kg)	100 lbs (45.4 kg)

SL Series Surround Speakers

Live for Sound

SL Series

Electro-Voice SL loudspeakers are THX-approved, two-way surround speakers that will fill out a spacious sound field in any cinema surround system.

SL10-2V, SL12-2V Slanted-baffle cinema surround loudspeakers

- Two-way full-range with high output
- Ideal for cinema, conference rooms, and HOW
- Exceptionally wide and smooth frequency response
- Available with 10-inch (SL10) or 12-inch (SL12) woofer
- Passive crossover
- 100° H x 90° V (SL-12) or 100° H x 100° V (SL-10) pattern
- 15° slanted cabinet optimizes audience coverage
- Digital Dynamics Capable™ for wide dynamic range
- THX® compatible
- Black vinyl-clad particle board enclosure
- Versatile suspension and safety options
- Wall-mount brackets included

	SL12-2V	SL10-2V
Frequency Response (-3 dB)	–	60 - 20,000 Hz
Frequency Range (-10 dB)	70 - 20,000 Hz	50 - 18,000 Hz
Sensitivity (SPL, 1 W @ 1 m)	93 dB	93 dB
Max. SPL/1 m (calc.)	–	120 dB
Power Handling (Continuous, Peak)	200, 800 W	100, 400 W
Coverage (H x V)	100° x 90°	100° x 100°
LF Transducer	12-inch SL12	10-inch SL10
HF Transducer	1.25-inch DH3/2010A	–
Nominal Impedance	8 Ω	8 Ω
Dimensions (H x W x D)	535 x 476 x 335 mm 21 x 18.7 x 13 in	476 x 318 x 275 mm 18.75 x 12.5 x 10.8 in
Weight (net)	21,4 kg (47 lbs.)	10,5 kg (23.1 lbs.)

EVM12L Guitar Speakers

EVM12L

Known for huge tone, gorgeous low-end, and incredible stability at extreme volumes, the EVM12L 12-inch musical instrument loudspeaker has been a favorite since its introduction in 1983. For an even louder, harder tone there's the EVM-12L Black Label, the official guitar loudspeaker of Zakk Wylde and Black Label Society, which features improved power handling, magnet design, and venting. Either way, guitarists and bassists love how tough the EVM12L sounds—and how tough it is. For the world's most punishing players, there's only one guitar speaker line that delivers the goods night after night, tour after tour: the Electro-Voice EVM-12L.

EVM12L Classic — World's greatest guitar loudspeaker

- Classic sound with road-ready reliability
- Favorite of guitarists in all styles
- High-performance heavy-duty design
- 200W Power handling
- Frequency response: 80Hz – 7kHz (-10 dB)
- Heavy-duty cast frame for reduced low-frequency flex
- Large 16 lbs (7.3 kg) magnet assembly
- Manufactured in the USA

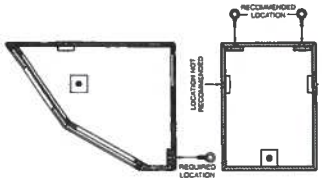
EVM12L BlackLabel — Zakk Wylde signature guitar speaker

- Official guitar loudspeaker of Zakk Wylde and Black Label Society
- EVM12L sound with enhanced magnet design and venting
- 300 W power handling
- Frequency Response 80Hz - 7kHz (-10 dB)
- Sensitivity 100dB
- Large 16 lbs (7.3 kg) magnet assembly
- Handmade in the USA

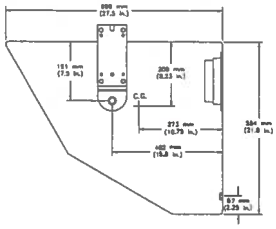
	EVM12L Classic	EVM12L Black Label
Cone diameter	12 in (305mm)	12 in (305mm)
Coil diameter	2.5 in (63.5 mm)	2.5 in (63.5 mm)
Frequency range	80 – 7,000 Hz	80 – 7,000 Hz
Power Handling: Continuous (EIA), Peak	200, 1000 W	300, 1200 W
Sensitivity (SPL, 1 W @ 1 m)	100 dB	100 dB
Maximum SPL	125 dB	125 dB
Efficiency	5.9%	5.9%
Impedance	8 or 16 Ω	8 or 16 Ω
Frame front diameter	309.6 mm (12.19 in)	309.6 mm (12.19 in)
Magnet diameter	190.5 mm (7.5 in)	190.5 mm (7.5 in)
Overall depth	133.4 mm (5.25 in)	133.4 mm (5.25 in)
Mounting bolt circle diameter	293.7 mm (11.563 in)	293.7 mm (11.563 in)
Baffle cutout diameter	281.0 mm (11.063 in)	281.0 mm (11.063 in)
Net weight	8.6 kg (19 lbs.)	8.6 kg (19 lbs.)

Rigging and Accessories

EVI 12/15/28 EBK-1 (Eyebolt-Kit)

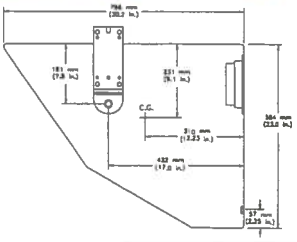


EVI-12 Ceiling mount



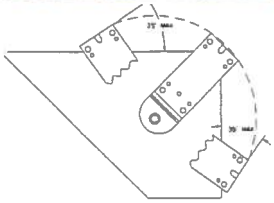
EVI-12MBB black
EVI-12MBW white

EVI-15 Ceiling mount



EVI-15MBB black
EVI-15MBW white

EVI-28 Wall or ceiling mount



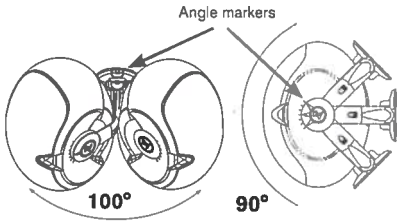
EVI-28MBB black
EVI-28MBW white

The radius of action is 140°.

EVID 12.1 1 Eyebolt is included.

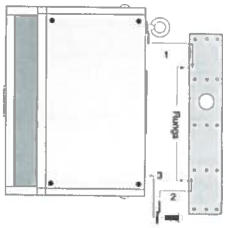
Note: One 3/8-inch 16-thread forged steel eyebolt is included. A second is necessary!

EVID 3.2 / 4.2 / 6.2



SAM™ comes with each EVID™ system and includes a hex-key-tool. SAM™ has angle markers to make installation easier.

EVID 12.1



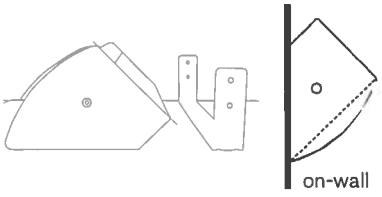
Bracket passes EIA 636 at a safety factor of 8:1.

The bracket for on-wall or corner mounting and a safety eyebolt comes with EVID 12.1.

EVF Series / EVH Series

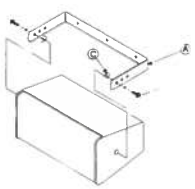
4 M10 metric eyebolts included

FRi-2082 Under balcony/on-wall mount



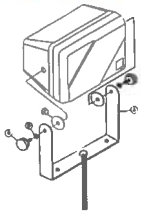
The 100° x 100° dispersion angle allows the FRi-2082 to be installed vertically on the wall as well. Mounting bracket comes with FRi-2082.

Xi- 1082 Under balcony or on-wall mount



MB-1082: black

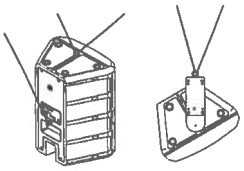
S-40 Wall, ceiling or stand mount



Note: The threat diameter can be reduced with a standard 5/8-inch screw adapter for different mic stands.

S-40 MB/B: black
S-40 MB/W: white

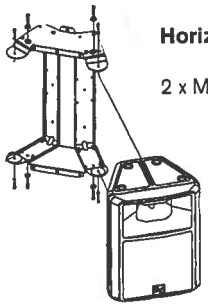
Sx 300, Sb 122



1) 2)

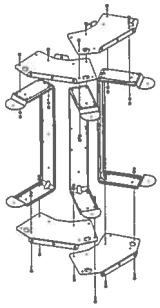
1) MB 100
2) MB 100 + MB 200

Security advice:
When flown by 90° (figure 2)
do not use eyebolts only!



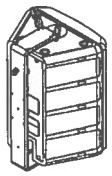
Horizontal Cluster 120° (2 systems)

2 x MB 200 + 1 x MB 300 neccessary



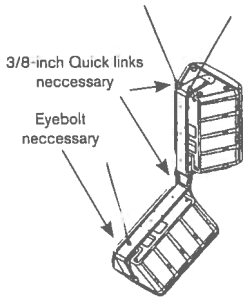
Horizontal Cluster 180° (3 systems)

3 x MB 200 + 2 x MB 300 neccessary



Wall or ceiling-mount

1 x MB 200 neccessary



Vertical Cluster

2 x MB 200 neccessary

Sx-Series™ hardwre-overview

Sx 100+

MB 200 B	U-bracket	black
MB 200 W	U-bracket	white

Sx 300

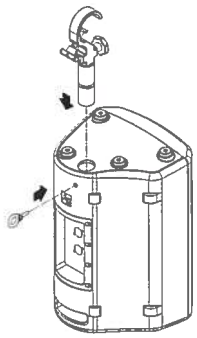
MB 300 B	Array-kit (2 plates)	black

Sb 122

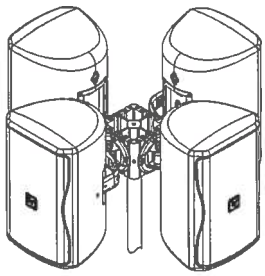
MB 300 W	Array-kit (2 plates)	white

ZX1

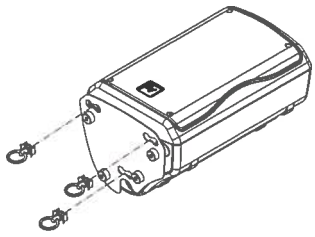
ZX1-90 + TCA-ZX1



ZX1i + AB-ZE

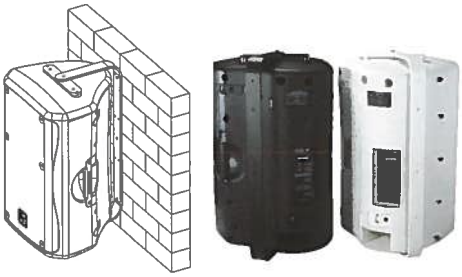


ZX1 - 90 + MP1 -B

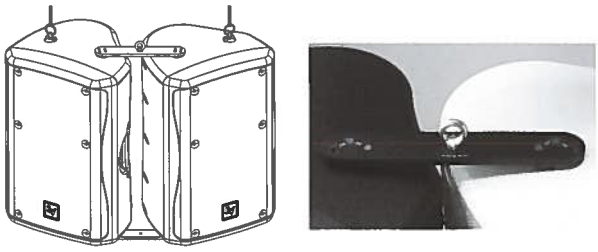


ZX3 / ZX5

MB-3/MB-5 Wall/Ceiling mounting bracket



CB5 cluster bracket kit



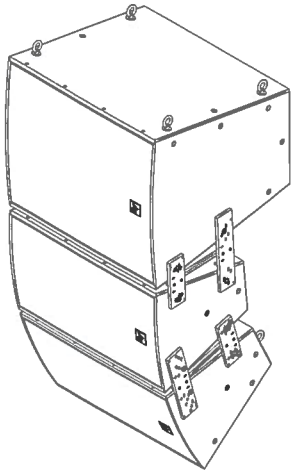
VSA-1 using HA3

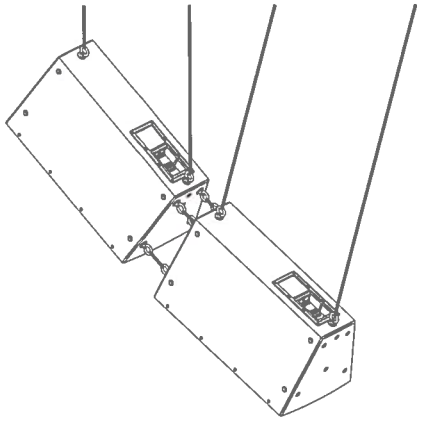
EBK-3 M8 eyebolt kit

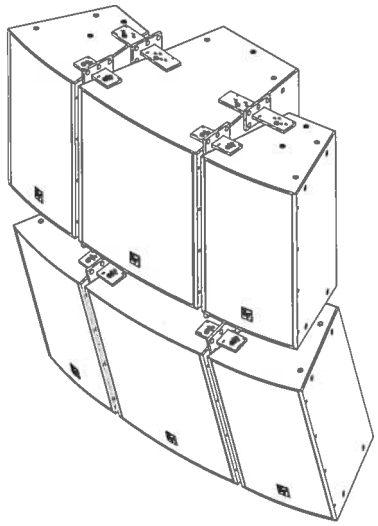
SSK-1

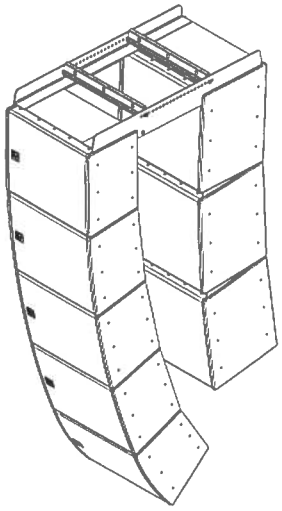
HA-3 or HA-5 handel adapter
to be used with VSA-1

EV Innovation



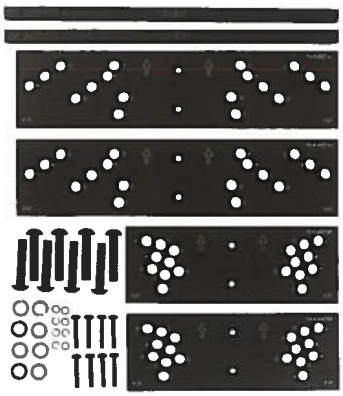




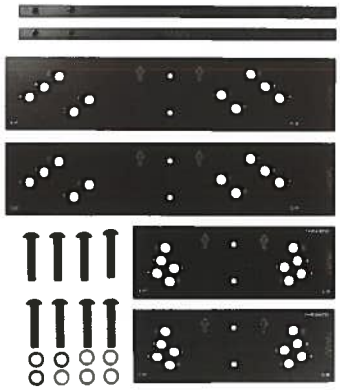


EVF / EVH Series

VRK-1



VRK-2



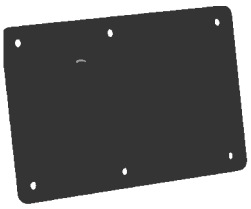
HRK and VRK rigging kits

(HRK not shown)

EVA / EVF / EVH Series Gland nut cover plates

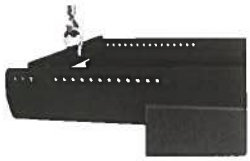
CDG
Dual gland nut cover plate

CDNL4
Dual NL4 cover plate



CSG
Single gland nut cover plate

EVA-SG2
For typical tilt angles in 3 and 4 module arrays.



EVA-EG2
For typical tilt angles in arrays taller than four modules, or extreme angles.

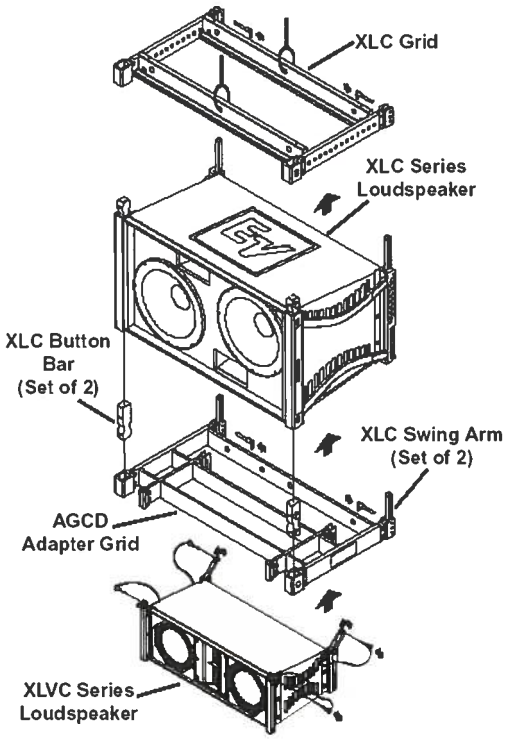
EVA-CG (Not shown)
Connects to EVA-SG2 or EVA-EG2 so that you can fly EVA subs behind the array, without increasing trim height.

Accessories

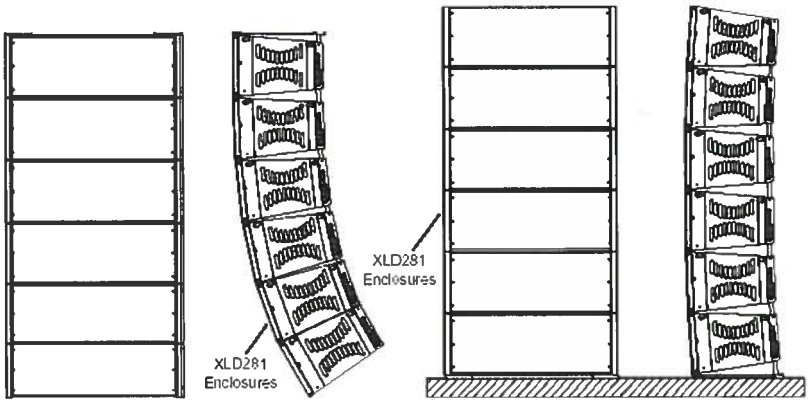
EVI-AC
EV-Innovation Access Card lets you test EVA, EVF, or EVH transducers and protection circuitry without disassembling the cabinet.

EVU-TK60
60-Watt, 70.7/100-Volt input transformer for EVU systems, with multiple taps.

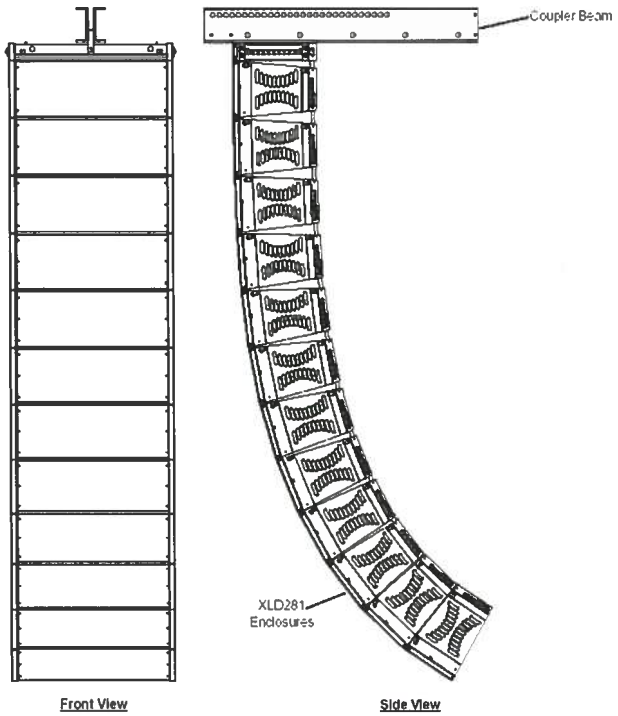
XLD281 + XLC215 + AGCD



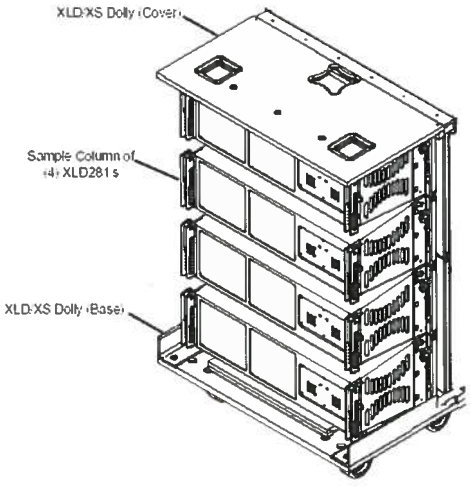
XLD281



XLD281 + CBeam

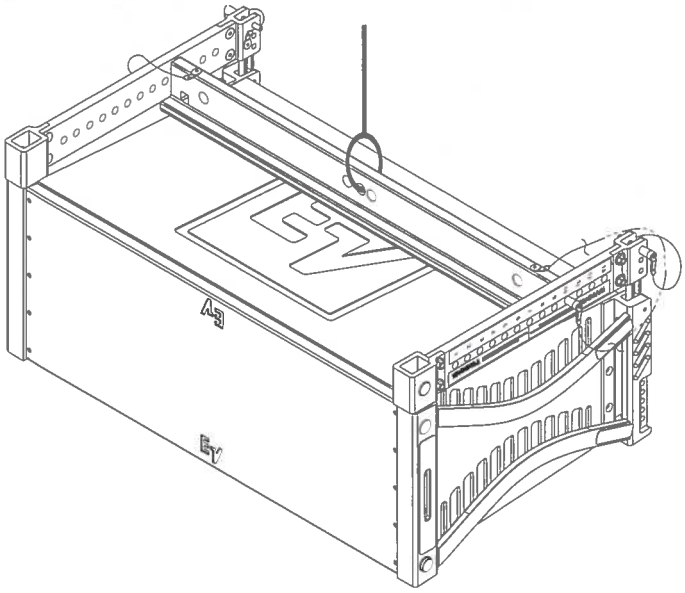


XLD281 + Dolly



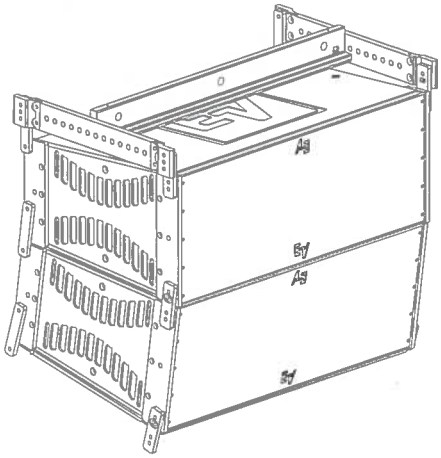
(One half of dolly shown in drawing)

XLC concert/portable Rigging



B-1 Grid for XLC
(other rigging hardware included with speaker)

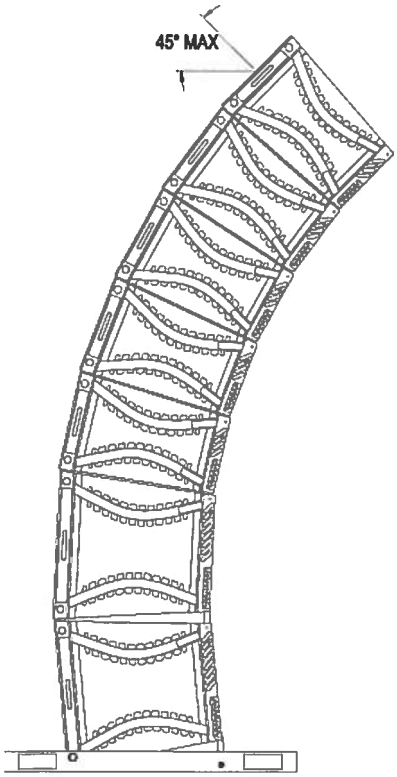
XLCi install rigging



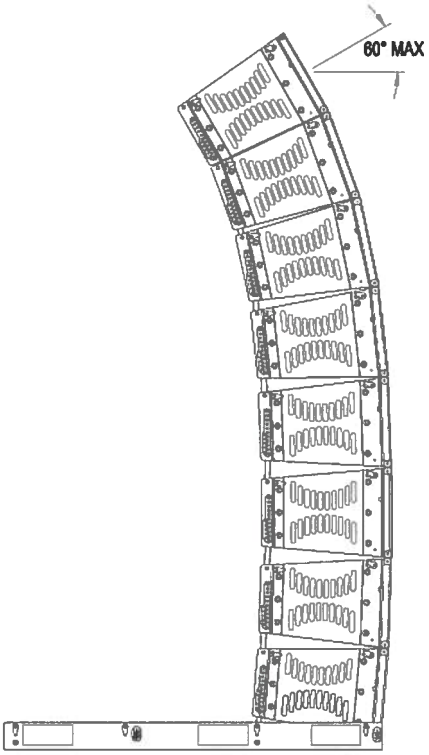
B-2 Grid for XLCi
(other rigging hardware included with speaker)

XLC and XLVC ground stack kits

XGS-3



XGS-4



Tour Grade Amplifiers

Live for Sound

Designed for the most demanding applications in both touring and installed sound, EV's ultra-reliable Tour Grade amplifiers offer a unique combination of output power, sonic excellence, and high efficiency, all in a compact, lightweight format that's ideal for life on the road. Based on grounded-bridge Class-H topology, Tour Grade amps feature an integrated switch-mode power supply for maximum power per pound, with plenty of headroom to handle transient peaks and low loads. The optional RCM-26 remote control module adds state-of-the-art IRIS-Net™-controlled DSP, including FIR-Drive loudspeaker optimization, IIR filters, signal routing, level control, dynamics, and system supervision. Available with up to 3500 W per channel, Tour Grade represents the ultimate in high-power audio amplification.

TG5 1900 W per channel power amplifier

- High-level touring performance
- Rugged, lightweight package
- Up to 1900 W per channel (2 Ω)
- Grounded Bridge Class-H design
- Switch-mode power supply
- Microprocessor-controlled
- Front LCD panel for operation-mode setup and monitoring
- Slot for optional RCM-26 IRIS-Net-compatible DSP and control module
- 11-level protection package
- Only 31.4 lbs (14.2 kg)

TG7 3500 W per channel power amplifier

- High-power performance for top-level tours
- Rugged, lightweight package
- Up to 3500 W per channel (2 Ω)
- Grounded Bridge Class-H design
- Switch-mode power supply
- Microprocessor-controlled
- Front LCD panel for operation-mode setup and monitoring
- Slot for optional RCM-26 IRIS-Net-compatible DSP and control module
- 11-level protection package
- Only 31.4 lbs (14.2 kg)

UCC1 Remote control interface for IRIS-Net

- USB-CAN converter for IRIS-Net enabled devices
- Supports up to 100 CAN devices
- Parallel CAN connections on RJ-45 Ethercons
- USB-powered
- XLR jack for audio bus monitoring
- 19-inch rackmount panel included
- Status LED shows CAN activity and device status

RCM-26 IRIS-Net remote control module for Tour Grade amplifiers

- Extend Tour Grade performance with powerful DSP functionality
- Advanced FIR-Drive loudspeaker optimization
- High precision load impedance supervision
- Two GPI and two GPO ports
- One-button system test for fast, complete check of connected cables and components
- Pilot tone detection for cable supervision
- Six recallable DSP/configuration presets
- Parallel RJ-45 CAN bus connectors

	TG5			TG7			RCM-26
Topology	Class-H grounded bridge			Class-H grounded bridge			—
Impedance	2 Ω	4Ω	8Ω	2 Ω	4Ω	8Ω	—
Continuous Output/Channel (1 kHz, THD 1%)	2000 W	1450 W	850 W	3500 W	2500 W	1500 W	—
Continuous Output/Channel (20 - 20,000 Hz, THD < 0.2%)	---	1200 W	600 W	---	2100 W	1050 W	—
Maximum Bridged Output: 4, 8 Ω	---	3800 W	2900 W	---	7000 W	5000 W	—
Amplifier Gain (Selectable)	39, 35, or 32 dB			41.5, 35, or 32 dB			—
Signal-to-Noise Ratio (A-weighted)	109 dB			111 dB			116 dB
Total Harmonic Distortion	0.05 %			0.05 %			< 0.005% (THD+N)
Intermodulation Distortion (SMPTE)	0.05 %			0.05 %			
DIM 30	0.02 %			0.02 %			
Slew Rate	30 V/µs			35 V/µs			—
Analog Inputs	Yes			Yes			2 audio inputs on internal slot connector, pre-/post fader selectable
Input Impedance (Balanced)	20 kΩ			20 kΩ			
Input Sensitivity (Selectable)	0, +6, +7dBu			0, +4, +9 dB			
Digital Inputs	Optional (RCM-26)						AES3 (AES/EBU) format, XLR In/Thru connectors
A/D Conversion	See RCM-26						24 Bit linear, Sigma-Delta, 128 times oversampling
D/A Conversion	See RCM-26						24 Bit, Sigma-Delta, 128 times over-sampling
Data Format	See RCM-26						24 Bit linear A/D and D/A conversion, 48 Bit processing
Internal Processing	See RCM-26						2 DSPs (150 MHz, 300 MIPS)
Sample Rate	See RCM-26						48 kHz
Sample Rate Conversion (SRC)	See RCM-26						32 kHz - 192 kHz internal sample rate converter
Network Control (IRIS-Net)	Optional (RCM-26)						Yes
Control Protocol	See RCM-26						CAN Bus
CAN Bus Interface	See RCM-26						10 - 500 kbaud, 2x RJ-45 (IRIS-Net Control)
GPIO Control Port	See RCM-26						1 x 6-pole Euro block, 2 control inputs, 2 control outputs, (+5 V, 200 mA / GND)
FIR-Drive	Optional (RCM-26)						Yes
Power Supply	100-240 V, 50-60 Hz			100-240 V, 50-60 Hz			—
Power Consumption 1/8 max output @ 4 Ω	1000 W			1450 W			—
Dimensions (H x W x D)	3.47 x 19 x 20.16 in 88.1 x 482.6 x 512 mm			3.47 x 19 x 20.16 in 88.1 x 482.6 x 512 mm			3.33 x 3.17 x 9.06 in 84.7 x 80.4 x 230.3 mm
Weight Net	31.31 lbs (14.2 kg)			32.0 lbs (14.5 kg)			.53 lbs (240 g)

Precision Series Remote Control Amplifiers

Live for Sound

Built for the toughest tours and high-profile installations, Precision series remote control amplifiers deliver superb concert sound in a rugged package that stands up to the rigors of the road. High-power Class-AB designs drive your boxes as hard as you need to get full, clear coverage. Ultra-low distortion keeps your sound clean even at peak volumes with heavy loads. And road-ready design features—dual power supplies, multiple fans, and complete electronic protection circuitry—keep the show going while safeguarding both your investment and your reputation. Long a staple of top touring companies, Precision series amplifiers are better than ever with the inclusion of the RCM-24 module, which brings P series amps under IRIS-Net control with state-of-the-art DSP technology. Offering system supervision, signal routing, advanced FIR-Drive loudspeaker optimization, IIR filters, level control, and dynamics, Precision series remote control amplifiers set the standard for professional concert sound.

P1200RL 850 W per channel remote control amplifier

- Performance and control for tours and installation
- Up to 850 W per channel (2 Ω)
- Class-AB design
- IRIS-Net enabled for remote control, monitoring, and DSP processing via included RCM-24 module
- Eight recallable DSP/configuration presets
- System check button for fast, complete test of all connected cables and loudspeaker components
- Two GPI and two GPO ports
- Parallel RJ-45 CAN bus connectors
- Pilot tone detection for cable supervision

P1200RT 590 W per channel remote control amplifier

- Performance and control for fixed installation
- Up to 590 W per channel into 70/100 V line
- Class-AB design
- IRIS-Net enabled for remote control, monitoring, and DSP processing via included RCM-24 module
- Eight recallable DSP/configuration presets
- System check button for fast, complete test of all connected cables and loudspeaker components
- Two GPI and two GPO ports
- Parallel RJ-45 CAN bus connectors
- Pilot tone detection for cable supervision

P3000RL 1800 W per channel remote control amplifier

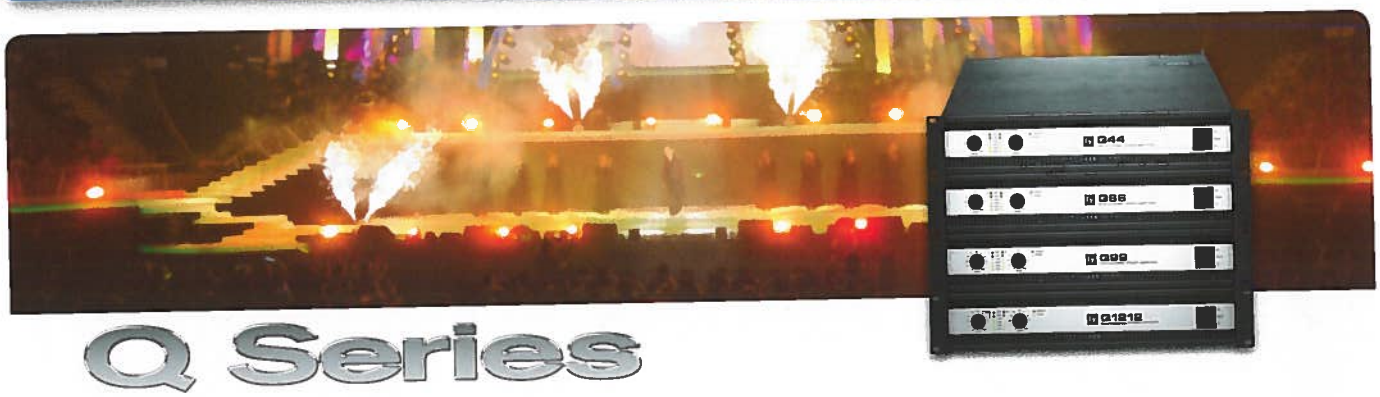
- High-power performance and control, installed or on tour
- Up to 1800 W per channel (2 Ω)
- Class-AB design
- IRIS-Net enabled for remote control, monitoring, and DSP processing via included RCM-24 module
- Eight recallable DSP/configuration presets
- System check button for fast, complete test of all connected cables and loudspeaker components
- Two GPI and two GPO ports
- Parallel RJ-45 CAN bus connectors
- Pilot tone detection for cable supervision

Precision Series Remote Control Amplifiers

	P1200 RL			P3000 RL			P1200 RT	
Topology	Class-AB			Class-AB			Class-AB	
Impedance/Voltage	8 Ω	4 Ω	2 Ω	8 Ω	4 Ω	2 Ω	100 V	70 V
Continous Output/Channel (1 kHz, THD 1%)	380 W	600 W	850 W	850 W	1300 W	1800 W	590 W	580 W
Rated Output/Channel (20 - 20,000 Hz, THD < 0.2%)	300 W	500 W	---	750 W	1200 W	---	500 W	500 W
Maximum Bridged Output (1 kHz, THD 1%)	1200 W	1700 W	---	2600 W	3600 W	---	---	---
Signal-to-Noise Ratio, Amplifier (A-weighted)	106 dB			109 dB			106 dB	
Frequency Response (-1 dB)	20 - 20,000 Hz						45 - 20,000 Hz	
THD @ Rated Output Power	< 0.05%						< 0.1%	< 0.2%
Intermodulation (SMPTE)	< 0.08%			< 0.001%			< 0.1%	< 0.3%
DIM 30	< 0.03%			< 0.01%			< 0.2%	< 0.3%
Input Sensivity and Impedance	1.55 V (+6dBu), 20 kΩ, XLR Input							
Maximum Input Level	8.7 V (+21 dBu)							
Dynamic Audio Limiter	THD </= 1% (Input signal </= + 20 dBu)							
Serial Interface	Network: CAN, 2 RJ45 (CAT-5 Cabling), RS-232 for media control systems							
Control Logic Inputs and Outputs	2 x 0 V, 5V free configurable, Easy-Remote							
Loudspeaker Connectors	Barrier strip			Speakon NL4			Barrier strip	
Protections	Hi-temperature, DC, HF, back EMF, peak current limiter, Inrush current limiter, power-on delay							
Cooling	Front-to-rear, three 4-stage fans							
Dimensions (H x W x D)	132.5 x 483 x 390 mm 5.2 (3 RU) x 19 x 15.4 in							
Net Weight	17 kg (37.5 lbs.)			30 kg (66.2 lbs.)			25 kg (55.1 lbs.)	

Q Series Amplifiers

Live for Sound



Building on a legacy of power and performance, Q Series amps take Electro-Voice's unique amplifier philosophy to a new level of efficiency and value. The Q series achieves superb audio performance because it's designed for superior dynamic headroom and transient response, resulting in 30% greater output capability for short-duration signals. High-power Q Series models use sophisticated Class-H topology that dramatically reduces heat and cuts energy consumption by up to 50%, yielding racks that are easier to power and easier to cool. Smaller

Q series models are based on the proven Class-AB designs of EV's reference-standard P series. All models incorporate dynamic limiting to prevent dangerous output clipping, as well as extensive protections against thermal damage and electrical malfunction. Combining Class-H innovation with the sonic excellence and robustness of its Precision series heritage, the compact, affordable Q series is the ideal amplifier line for all sizes of clubs, concerts, performance centers, and sports venues.

Q44 — 650 W per channel power amplifier

- Outstanding value and performance for club and mobile systems
- Dynamic headroom for all real-world applications
- Up to 650 W per channel (2 Ω)
- Class-AB design
- XLR pass-though input connections
- Easy connection to bi-amped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- Three-stage front-to-rear fans

Q66 — 900 W per channel power amplifier

- Outstanding value and performance for clubs, mobile and more
- Dynamic headroom for all real-world applications
- Up to 900 W per channel (2 Ω)
- Class-AB design
- XLR pass-though input connections
- Easy connection to bi-amped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- Three-stage front-to-rear fans

Q99 — 1250 W per channel Class-H power amplifier

- High-efficiency power and performance
- Innovative Class-H design
- Up to 1250 W per channel (2 Ω)
- Dynamic headroom for all real-world applications
- XLR pass-though input connections
- Easy connection to bi-amped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- Three-stage front-to-rear fans

Q1212

1800 W per channel Class-H power amplifier

- Super-efficient power with outstanding performance
- Innovative Class-H design
- Up to 1800 W per channel (2 Ω)
- Dynamic headroom for all real-world applications
- XLR pass-though input connections
- Easy connection to bi-amped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- Three-stage front-to-rear fans

	Q44			Q66			Q99			Q1212		
Topology	Class-AB			Class-AB			Class-H			Class-H		
Impedance	2 Ω	4 Ω	8 Ω	2 Ω	4 Ω	8 Ω	2 Ω	4 Ω	8 Ω	2 Ω	4 Ω	8 Ω
Continuous Output Power(1 kHz, THD 1%)	650 W	450 W	270 W	900 W	600 W	360 W	1250 W	900 W	550 W	1800 W	1200 W	750 W
Continuous Output Power(20 - 20,000 Hz, THD < 0.2%)	---	400 W	200 W	---	500 W	250 W	---	800 W	400 W	---	1100 W	550 W
Maximum Bridged Output	---	1300 W	900 W	---	1700 W	1200 W	---	2800 W	1800 W	---	3600 W	2400 W
Amplifier Gain	32 dB											
Frequency Response	10 - 40,000 Hz											
Signal-to-Noise Ratio (A-weighted)	106 dB			107 dB			109 dB			110 dB		
Total Harmonic Distortion	0.03 %											
Intermodulation Distortion (SMPTE)	0.1 %											
DIM 30	0.05 %											
Input Impedance (Balanced)	20 kΩ											
Input Sensitivity	+2.2 dBu			+3.1 dBu			+5.1 dBu			+6.6 dBu		
Maximum Input Voltage	+21 dBu (8.69 Vrms)											
Slew Rate	25 V/µs			26 V/µs			27 V/µs			30 V/µs		
Network Control (IRIS-Net)	No											
Protections	Hi-Temperature, , short circuit, DC output voltage, HF oscillation, back EMF (Electromotive Force), and destructive peak current											
Cooling	Front-to-rear, 3-stage fans											
Dimensions (H x W x D)	88.1 x 482.6 x 422.5 mm 3.47 x 19 x 16.63 in			88.1 x 482.6 x 421.5 mm 3.47 x 19 x 16.59 in			88.1 x 482.6 x 421.5 mm 3.47 x 19 x 16.59 in			88.1 x 482.6 x 421.5 mm 3.47 x 19 x 16.59 in		
Weight Net	27.78 lbs (12.6 kg)			32.63 lbs (14.8 kg)			35.94 lbs (16.3 kg)			39.02 lbs (17.7 kg)		

CPS Contractor Precision Series Amplifiers

Live for Sound

CPS
Contractor Precision Series

Contractor Precision Series amplifiers combine top-quality performance and reliability with innovative designs perfectly tailored to the needs of professional sound installation. Available in 2 RU configurations of up to eight channels, CPS amps are compact and efficient to operate, with every detail thought through from the contractor's point of view. For fast installation and setup, each model features Phoenix-type input and output connectors, programmable power-on delay, remote power-on/off, rear-mounted attenuators, and switchable high-pass filters. For worry-free dependability, there's full protection against hazards such as excessive heat, overloads, shorts, DC, back-EMF, and inrush current. And for the ultimate in system control and supervision, the optional RCM-810 module enables the inclusion of CPS amps in IRIS-Net networks of up to 250 devices. Offering exceptional ease, flexibility, and audio performance, CPS series is the ideal installation solution for cinema, club sound, commercial sound/life safety, and performance and sports venues.

CPS 2.4

650 W per channel power amplifier

- Contractor-friendly performance and reliability
- Up to 650 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Class-AB design
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Three-stage front-to-rear fans

CPS 2.6

900 W per channel power amplifier

- Contractor-friendly performance and reliability
- Up to 900 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Class-AB design
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Three-stage front-to-rear fans

CPS 2.9

1250 W per channel Class-H power amplifier

- Power and efficiency for installations
- Innovative Class-H design
- Up to 1250 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Three-stage front-to-rear fans

CPS Contractor Precision Series Amplifiers

CPS 2.12

1800 W per channel Class-H power amplifier

- Power and efficiency for installations
- Innovative Class-H design
- Up to 1800 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Three-stage front-to-rear fans

CPS 8.5

500 W per channel 8-channel amplifier

- Eight channels in one compact rack-efficient unit
- Up to 500 W per channel
- 70/100 V operation for distributed systems
- Class-D design for optimum efficiency
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- IRIS-Net selection of each channel's impedance (2-10 Ω in 0.1 Ω steps)
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter (Hi-Z mode)
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Front-to-rear fans

CPS 4.5

500 W per channel 4-channel amplifier

- Four channels in one compact rack-efficient unit
- Up to 500 W per channel
- 70/100 V operation for distributed systems
- Class-D design for optimum efficiency
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- IRIS-Net selection of each channel's impedance (2-10 Ω in 0.1 Ω steps)
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter (Hi-Z mode)
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Front-to-rear fans

CPS 4.10

1000 W per channel 4-channel amplifier

- Four channels in one compact rack-efficient unit
- Up to 1000 W per channel
- 70/100 V operation for distributed systems
- Class-D design for optimum efficiency
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- IRIS-Net selection of each channel's impedance (2-10 Ω in 0.1 Ω steps)
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter (Hi-Z mode)
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Front-to-rear fans

RCM-810

IRIS-Net remote control module for CPS Series amplifiers

- Enable powerful control and supervision capabilities
- Integrate up to 100 devices in each remote control network, 250 with multiple networks
- Support for 2-, 4-, and 8-channel CPS models
- Freely programmable control inputs and outputs
- Load-monitoring for each channel
- Variable Load Drive for independent channel impedance on 4- and 8-channel amps (2-10 Ω in 0.1 Ω steps)

CPS Contractor Precision Series Amplifiers

Live for Sound

	CPS 2.4			CPS 2.6			CPS 2.9			CPS 2.12		
Topology	Class-AB			Class-AB			Class-H			Class-H		
Impedance	2Ω	4Ω	8Ω	2Ω	4Ω	8Ω	2Ω	4Ω	8Ω	2Ω	4Ω	8Ω
Continuous Output Power(1 kHz, THD 1%)	650 W	450 W	270 W	900 W	600 W	380 W	1250 W	900 W	550 W	1800 W	1200 W	750 W
Continuous Output Power(20-20,000 Hz, THD<0,2%)	---	400 W	200 W	---	500 W	250 W	---	800 W	400 W	---	1100 W	550 W
Maximum Bridged Output	---	1300 W	900 W	---	1800 W	1200 W	---	2800 W	1800 W	---	3600 W	2400 W
Amplifier Gain	32 dB											
Frequency Response	10 - 40,000 Hz (±1 dB)											
Total Harmonic Distortion	0.03 %											
Intermodulation Distortion (SMPTE)	0.1 %			0.05 %			0.1 %			0.1 %		
DIM 30	0.05 %			0.02 %			0.05 %			0.05 %		
Slew Rate	25 V/µs			26 V/µs			27 V/µs			30 V/µs		
Analog Inputs	2, electronically balanced, Phoenix-type											
Input Impedance (Balanced)	20 kΩ											
Input Sensitivity	2.2 dBu (1.0V)			+3.1 dBu (1.11Vrms)			+5.1 dBu (1.39 Vrms)			+6.6 dBu (1.66 Vrms)		
Maximum Input Voltage	+21 dBu (8.69 Vrms)			+21 dBu (8.69 Vrms)			+21 dBu (8.69 Vrms)			+21 dBu (8.69 Vrms)		
Crossover Type	Optional Modules			Optional Modules			Modular			Modular		
Network Control (IRIS-Net)	Optional (RCM-810 card)											
CAN Bus Interface	Optional (RCM-810 card)											
Variable Load Drive (VLD)	No											
Cooling	Front-to-rear, 3-stage fans											
Dimensions (H x W x D)	88.1 x 482.6 x 421.5 mm 3.47 x 19 x 16.59 in											
Weight Net	27.78 lbs (12.13.23 lbs (6 kg))			32.63 lbs (14.8 kg)			35.94 lbs (16.3 kg)			39.02 lbs (17.15.43 lbs (7 kg))		

	CPS 4.10					CPS 4.5					CPS 8.5				
Topology	Class-D					Class-D					Class-D				
Impedance/Voltage	2 Ω	4 Ω	8 Ω	8 Ω VLD	70 V/100 V	2 Ω	4 Ω	8 Ω	8 Ω VLD	70 V/100 V	2 Ω	4 Ω	8 Ω	8 Ω VLD	70 V/100 V
Continuous Power/Channel (1 kHz, THD 1%)	1000 W	1000 W	500 W	1000 W	1000 W	500 W	500 W	250 W	500 W	500 W	500 W	500 W	250 W	500 W	500 W
Continuous Power/Channel (20-20,000 Hz, THD < 0.3%)	900 W	900 W	450 W	900 W	900 W	450 W	450 W	225 W	450 W	450 W	450 W	450 W	225 W	450 W	450 W
Maximum Bridged Output	---	2000 W	2000 W	---	2000 W	---	1000 W	1000 W	---	1000 W	---	1000 W	1000 W	---	1000 W
Amplifier Gain	32 dB (Lo-Z), 33 dB (70V), 36 dB (100V)					32 dB (Lo-Z), 33 dB (70V), 36 dB (100V)					32 dB (Lo-Z), 33 dB (70V), 36 dB (100V)				
Frequency Response	15 Hz-30,000 Hz														
Signal-to-Noise Ratio, A-weighted (4 Ω)	103 dB					100 dB					100 dB				
Total Harmonic Distortion	0.05 %														
Intermodulation Distortion (SMPTE)	0.05 %					0.05 %									
DIM 30	0.02 %					0.02 %					0.02 %				
Slew Rate	28 V/µs														
Analog Inputs	4, electronically balanced, Phoenix-type					4, electronically balanced, Phoenix-type					8, electronically balanced, Phoenix-type				
Input Impedance (Balanced)	20 kΩ														
Input Sensitivity	0 dBu (.775V)-2 Ω, +3 dBu (1.1V)-4/8 Ω, +6 dBu (1.55) 70V/100V					0 dBu (.775V)-2 Ω, +3 dBu (1.1V)-4/8 Ω, +6 dBu (1.55) 70V/100V					0 dBu (.775V)-2 Ω, +3 dBu (1.1V)-4/8 Ω, +6 dBu (1.55) 70V/100V				
Maximum Input Voltage	+22 (9.76 Vrms)														
Network Control (IRIS-Net)	Optional (RCM-810 card)														
CAN Bus Interface	Optional (RCM-810 card)														
Variable Load Drive (VLD)	Yes														
Cooling	Front-to-rear, continuously variable fans														
Dimensions (H x W x D)	88.1 x 482.6 x 421.5 mm 3.47 x 19 x 16.59 in														
Weight Net	24.47 lbs (11.1 kg)					24.47 lbs (11.1 kg)					30.8 lbs (13.9 kg)				

CP Compact Precision Amplifiers

CP
Compact Precision

Compact Precision amplifiers combine outstanding audio performance with the highest-possible reliability and safety to create an ideal high-power solution for touring and rentals. Incorporating an innovative new switchmode power supply into Class-H technology, the CP series delivers clean headroom that is far above stated nominal output. This advanced design also results in improved performance-to-weight ratio for easier touring, reduced waste heat for closer rack spacing, and reduced power consumption for enhanced energy efficiency. A complete set of protection circuitry guards people and equipment against hazardous conditions, and a rigid, robust chassis, built to the highest precision manufacturing standards, ensures dependable operation on even the most grueling tours. With exceptionally clean power and tour-friendly touches that facilitate fast, flexible setup, Compact Precision amplifiers fulfill even the most demanding requirements of pro audio touring.

CP3000S 1600 W per channel Class-H power amplifier

- Advanced high-efficiency Class-H design
- Ideal for demanding concerts and tours
- Exceptional dynamic headroom
- Rugged, compact, and lightweight
- Up to 1600 W per channel (2 Ω)
- XLR pass-though input connections
- Easy connection to bi-amped loudspeakers
- Switch mode power supply
- Built-in dynamic limiters
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Three-stage front-to-rear fans

CP4000S 2100 W per channel Class-H power amplifier

- High power with advanced Class-H efficiency
- Ideal for demanding concerts and tours
- Exceptional dynamic headroom
- Rugged, compact, and lightweight
- Up to 2100 W per channel (2 Ω)
- XLR pass-though input connections
- Easy connection to bi-amped loudspeakers
- Switch mode power supply
- Built-in dynamic limiters
- Complete protection: thermal, overload, shorts, HF, DC, back-EMF, inrush current
- Three-stage front-to-rear fans

	CP3000S			CP4000S		
Topology	Class-H			Class-H		
Impedance	2 Ω	4 Ω	8 Ω	2 Ω	4 Ω	8 Ω
Maximum power (1k Hz; THD <1%)	1600 W	1100 W	600 W	2100 W	1500 W	900 W
Rated power (20 Hz–20,000 Hz; THD < 0.2%)	---	900 W	450 W	---	1200 W	600 W
Maximum bridged output (1,000 Hz; < 1% THD)	---	3200 W	2200 W	---	4200 W	3000 W
Frequency Response (-1 dB, ref. 1 kHz)	15 - 40,000 Hz			15 - 40,000 Hz		
Signal-to-noise ratio, A-weighted	107 dB			108 dB		
Total harmonic distortion	< 0.05%			< 0.05%		
Intermodulation distortion (SMPTE)	< 0.02%			< 0.02%		
Slew rate	35 V/µs			35 V/µs		
Input impedance (balanced)	20 kΩ			20 kΩ		
Crosstalk (at 1,000 Hz)	< -60 dB			< -60 dB		
Dimensions (W x H x D)	483 x 88.1 x 368.8 mm 19 x 3.5 x 15.22 in			483 x 88.1 x 384 mm 19 x 3.5 x 15.5 in		
Net weight	8.15 kg (17.96 lbs.)			8.70 kg (19.2 lbs)		

PA Series Commercial Power Amplifiers

Live for Sound

PA Series

The PA series of commercial power amplifiers is a favorite of installers everywhere for sound reinforcement, background music, paging, and public address systems. Featuring low-distortion amplifier electronics that are bridgeable for flexible power allocation, PA series amps provide a wide dynamic range with excellent headroom. An onboard limiter spares both amplifier and speakers from damaging transients, and a comprehensive thermal/electrical protection package ensures long-haul dependability. Equipped with Phoenix-style terminals for fast, easy hookup, PA series amps are housed in compact, rack-ready 2RU chassis with ample internal airflow and exceptionally quiet multi-stage fans. Models are available in a variety of output powers and channel configurations, several of which provide 70/100V output using low-distortion transformers. All models provide multi-voltage operation from 110-240 VAC. Offering outstanding versatility and long-term reliability, the PA series is a remarkable value for any installation application.

PA1250T Single-channel 270 W power amplifier

- Cool-running, saturation-free power for distributed installations
- Ideal for sound reinforcement, paging, and life safety
- 250 W mono for 70/100 V lines
- Compact 2 RU design
- Stepped rear-panel level attenuation
- Selectable 50 Hz or 300 Hz high-pass filter
- Thermal protection, peak limiting, turn-on delay
- Multi-voltage operation from 110-240 VAC
- Phoenix-type inputs and outputs
- Three-stage front-to-rear fans
- Integrated rack ears for direct mounting

PA2250T Dual 270 W per channel power amplifier

- Efficient performance for low impedance or distributed systems
- Ideal for sound reinforcement, paging, and life safety
- 250 W per channel for 4 Ω or 70/100 V lines
- Bridged mono out for 540 W into 8 Ω
- Compact 2 RU design
- Stepped rear-panel level attenuation
- Selectable 50 Hz or 300 Hz high-pass filter
- Thermal protection, peak limiting, turn-on delay
- Multi-voltage operation from 110-240 VAC
- Phoenix-type inputs and outputs
- Three-stage front-to-rear fans
- Integrated rack ears for direct mounting

PA2400T Dual 430 W per channel power amplifier

- Efficient performance for low impedance or distributed systems
- Ideal for sound reinforcement, paging, and life safety
- 400 W per channel for 4 Ω or 70/100 V lines
- Bridged mono out for 860 W into 8 Ω
- Compact 2 RU design
- Stepped rear-panel level attenuation
- Selectable 50 Hz or 300 Hz high-pass filter
- Thermal protection, peak limiting, turn-on delay
- Multi-voltage operation from 110-240 VAC
- Phoenix-type inputs and outputs
- Three-stage front-to-rear fans
- Integrated rack ears for direct mounting

PA Series Commercial Power Amplifiers

PA2450L — Dual 450 W per channel power amplifier

- Reliable high-quality power for installation
- Ideal for sound reinforcement, paging, and life safety
- 450 W per channel for 4 Ω or 70/100 V lines
- Bridged mono out for 900 W into 8 Ω
- Compact 2 RU design
- Stepped rear-panel level attenuation
- Selectable 50 Hz or 300 Hz high-pass filter
- Thermal protection, peak limiting, turn-on delay
- Multi-voltage operation from 110-240 VAC
- Phoenix-type inputs and outputs
- Three-stage front-to-rear fans
- Integrated rack ears for direct mounting

PA4150L — Quad 160 W per channel power amplifier

- Flexible multi-channel power for installation
- Ideal for sound reinforcement, paging, and life safety
- 160 W per channel into 4 Ω
- Bridged mode for dual 315 W outputs into 8 Ω
- Compact 2 RU design
- Stepped rear-panel level attenuation
- Selectable 50 Hz or 300 Hz high-pass filter
- Thermal protection, peak limiting, turn-on delay
- Multi-voltage operation from 110-240 VAC
- Phoenix-type inputs and outputs
- Three-stage front-to-rear fans
- Integrated rack ears for direct mounting

	PA2450L		PA4150L		PA2400T			PA2250T			PA1250T
Number of Channels	2		4		2			2			1
Signal-to-Noise Ratio, A-weighted	104 dB		101 dB		103 dB			103 dB			103 dB
Impedance/Voltage	4 Ω	8 Ω	4 Ω	8 Ω	4 Ω	8 Ω	70 V/100 V	4 Ω	8 Ω	70 V/100 V	70 V/100 V
Rated output power (*rated load) THD < 1%, 1kHz	450W	220W	180W	100W	430W	215W	430W	270W	135W	270W	270W
Rated output power (*rated load) THD < 0.2%, 20Hz – 20kHz	400W	200W	150W	75W	400W	200W	400W	250W	125W	250W	250W
Slew rate (V/µs) at 1kHz	28		16		25		46/65	18		41/61	41/61
Frequency response -1dB, ref. 1kHz	< 10Hz - 40kHz		< 10Hz - 40kHz		65Hz - 40kHz			65Hz - 40kHz			65Hz - 20kHz
THD @ rated output power MBW=80kHz, 1kHz	< 0.1%		< 0.1%		< 0.1%			< 0.1%			< 0.1%
IMD-SMPTE 60Hz, 7kHz	< 0.1%		< 0.1%		< 0.1%			< 0.1%			< 0.1%
DIM30 3.15kHz, 15kHz	< 0.1%		< 0.1%		< 0.1%			< 0.1%			< 0.1%
Input impedance, 20 – 20,000 Hz	> 20 kΩ		> 20 kΩ		> 20 kΩ			> 20 kΩ			> 20 kΩ balanced
Input sensitivity @ rated output power or voltage, 1kHz	0 dBu (775mV)		0 dBu (775mV)		0 dBu (775mV)			0 dBu (775mV)			0 dBu (775mV)
Crosstalk ref. 1kHz, @ 10% rated output power	< -75dB		< -75dB		< -75dB			< -75dB			< -75dB
Dimensions (W x H x D)	483 x 88 x 406 mm 19 x 3.5 x16 in		483 x 88 x 406 mm 19 x 3.5 x16 in		483 x 88 x 406 mm 19 x 3.5 x16 in			483 x 88 x 406 mm 19 x 3.5 x16 in			483 x 88 x 406 mm 19 x 3.5 x16 in
Weight	16.5 kg (36.34 lbs)		18 kg (39.65 lbs)		26 kg (57.27 lbs)			23.5 kg (51.76 lbs)			16.5 kg (36.34 lbs)

NetMax Digital Matrix System

Live for Sound

The NetMax N8000 System Controller is a state-of-the-art digital matrix system offering comprehensive management of all aspects of professional sound reinforcement systems. Supporting both distributed and central processing, NetMax is a powerful physical complement to EV's IRIS-Net protocol, which gives designers and end-users the industry's most flexible routing, DSP, and component-level system control and supervision. EQ, crossovers, dynamics, FIR-Drive loudspeaker optimization—NetMax does it all with superior digital fidelity.

Each 4RU NetMax chassis supports up to 1000 MIPS of processing power and up to 32 local audio channels. And with NetMax's modular, field-configurable architecture, every system can be tailored to current needs without being locked out of future expansion. Designed for both installations and touring systems, NetMax is an indispensable tool for concert halls, houses of worship, hotels, casinos, convention centers, sporting arenas, and stadiums. Simply put, there's no more powerful, intelligent way to tame the complexity of modern sound systems than NetMax.

N8000-1500 NetMax 1500 MIPS digital matrix controller

- Full IRIS-Net supervision, control, and scheduling
- Comprehensive 32-channel routing and mixing
- Huge range of DSP filters, EQ, dynamics, and delays
- FIR-Drive loudspeaker optimization
- Powerful 1500 MIPS internal processing
- Up to 1900 MIPS of processing power available per unit
- 115 dB dynamic range for clean, quiet sound
- Internal 48-bit processing for outstanding audio fidelity
- Auto-compiling DSP engine with ultra-low fixed latency
- Modular architecture with hardware expansion slots
- Fully-programmable analog and digital GPIO support
- Support for Ethernet, RS-232, USB, and CAN
- CobraNet and Dante audio networking options

N8000 NetMax 300 MIPS digital matrix controller

- Full IRIS-Net supervision, control, and scheduling
- Comprehensive 32-channel routing and mixing
- Huge range of DSP filters, EQ, dynamics, and delays
- FIR-Drive loudspeaker optimization
- 300 MIPS internal processing
- Up to 1000 MIPS of processing power available per unit
- 115 dB dynamic range for clean, quiet sound
- Internal 48-bit processing for outstanding audio fidelity
- Auto-compiling DSP engine with ultra-low fixed latency
- Modular architecture with hardware expansion slots
- Fully-programmable analog and digital GPIO support
- Support for Ethernet, RS-232, USB, and CAN
- CobraNet and Dante audio networking options

AI-1 NetMax 8-channel analog input card

- Eight electronically balanced line-level inputs
- Euroblock connectors
- 20 KΩ input impedance
- 117 dB dynamic range for superior sonic quality
- Automatic configuration
- IRIS-Net notification of installation and removal
- On-board DSP (100 MIPS)

MI-1 NetMax 8-channel analog mic/line input card

- Eight electronically balanced mic/line inputs
- Euroblock connectors
- 48 V phantom power
- Mic/line pad, selectable via IRIS-Net
- Gain and level adjustable via IRIS-Net
- Automatic configuration
- IRIS-Net notification of installation and removal
- On-board DSP (100 MIPS)

PWS-4, PWS-6, PWS-C Programmable wall stations

- Modular standard-mount keypads for NetMax
- Convenient control for volume, source, presets, etc.
- Up to three front units in a wallstation
- PWS-C connects front units to CAN bus
- Easy daisy-chaining with included connection wire
- Easy labeling, protected by transparent cover
- Integrated status LEDs
- Button and LED configuration via IRIS-Net
- Customizable button behavior (momentary, latching, or radio)

TPI-8, TPI-12 Touch panel interfaces

- Versatile 8.4-inch or 12.1-inch touchscreen
- Distributed user-friendly control and monitoring of NetMax systems
- Custom control surface design via IRIS-Net™
- Configurable functionality and graphics
- Long life-span and noiseless operation
- Reliable Win XP Embedded™ OS
- Cost-effective integration into existing Ethernet networks

DM-1 NetMax Dante audio network module

- Connect NetMax to a Dante digital audio network
- Transmit up to 32 ins and 32 outs at 48 or 96 kHz sample rate and 16-, 20-, or 24-bit word-length
- Low latency (typically below 1 ms)
- Two Gigabit Ethernet interfaces for system redundancy
- Status LEDs for each interface
- Dante Zen device-discovery
- Compatible with Dante Virtual Soundcard

AO-1 NetMax 8-channel analog output card

- Eight electronically balanced line-level outputs
- Euroblock connectors
- 118 dB dynamic range for superior sonic quality
- 100 Ω output impedance
- Automatic configuration
- IRIS-Net notification of installation and removal
- On-board DSP (100 MIPS)

DI-1 NetMax 8-channel digital input card

- Eight channels of AES/EBU or S/PDIF digital audio
- Four input connectors, Euroblock or TOSLINK optical
- Supports sample rates from 32 - 192 kHz
- Independent sample rate conversion for each input
- Lock indication LED
- On-board DSP (100 MIPS)

DO-1 NetMax 8-channel digital output card

- Eight channels of AES/EBU digital audio output
- Four Euroblock output connectors
- 48 kHz sample rate
- +21 dBu maximum output level
- Automatic configuration via IRIS-Net with installation/removal notification
- On-board DSP (100 MIPS)

CM-1 NetMax CobraNet audio network module

- Connect NetMax to a CobraNet digital audio network
- Two 100BASE-TX Ethernet interfaces (IEEE 802.3u compatible) for system redundancy
- 100 mbps data transmission rate
- Four serial ports each for input and output for a total of up to 32 ins and 32 outs
- 48 kHz sample rate and 16-, 20-, or 24-bit word-length
- Control, monitoring, configuration, and firmware updates via Ethernet
- Status LEDs for link, activity, fault, and CobraNet conductor status

DSP-1 N8000 microprocesssor expansion module

- Enhanced DSP power for NetMax controllers
- Adds 300 MIPS computing capacity
- Easy field installation into chassis card slot
- 48-bit signal processing
- Two RAM banks (512k x 24 Bit) for delay lines up to 21.8 seconds
- Double-precision DSP algorithms.
- Automatic configuration via IRIS-Net with installation/removal notification

Sound System Processors

Proven in thousands of installations and live applications around the world, including the Olympics, the FIFA World Cup, Live 8, and Live Earth, EV delivers truly state-of-the-art DSP for today's applications. EV's Dx46 sets the standard for digital loudspeaker controllers, providing 48-bit filter algorithms, 24-bit AD/DA conversion, and a dynamic range of 115 dB.

Dx46 — Two-in/six-out IRIS-Net sound system processor

- Software application that provides control over all aspects of DC-One Configuration; available as a free download.
- FIR-Drive loudspeaker optimization
- Analog and AES/EBU inputs
- Switchable -6 dB pre-A/D converter pad
- 24-bit AD/DA conversion
- 48-bit filter algorithms
- 115 dB dynamic range
- Ethernet and USB data interfaces
- Dedicated array EQ and delay sections
- 4 separate delay sections
- 5 contact closure inputs
- 60 factory presets, 30 user presets
- Unique edit/compare mode for audible parameter adjustment
- Full loudspeaker protection package, including both signal and thermal limiters

DC-One — Two-in/six-out sound system processor

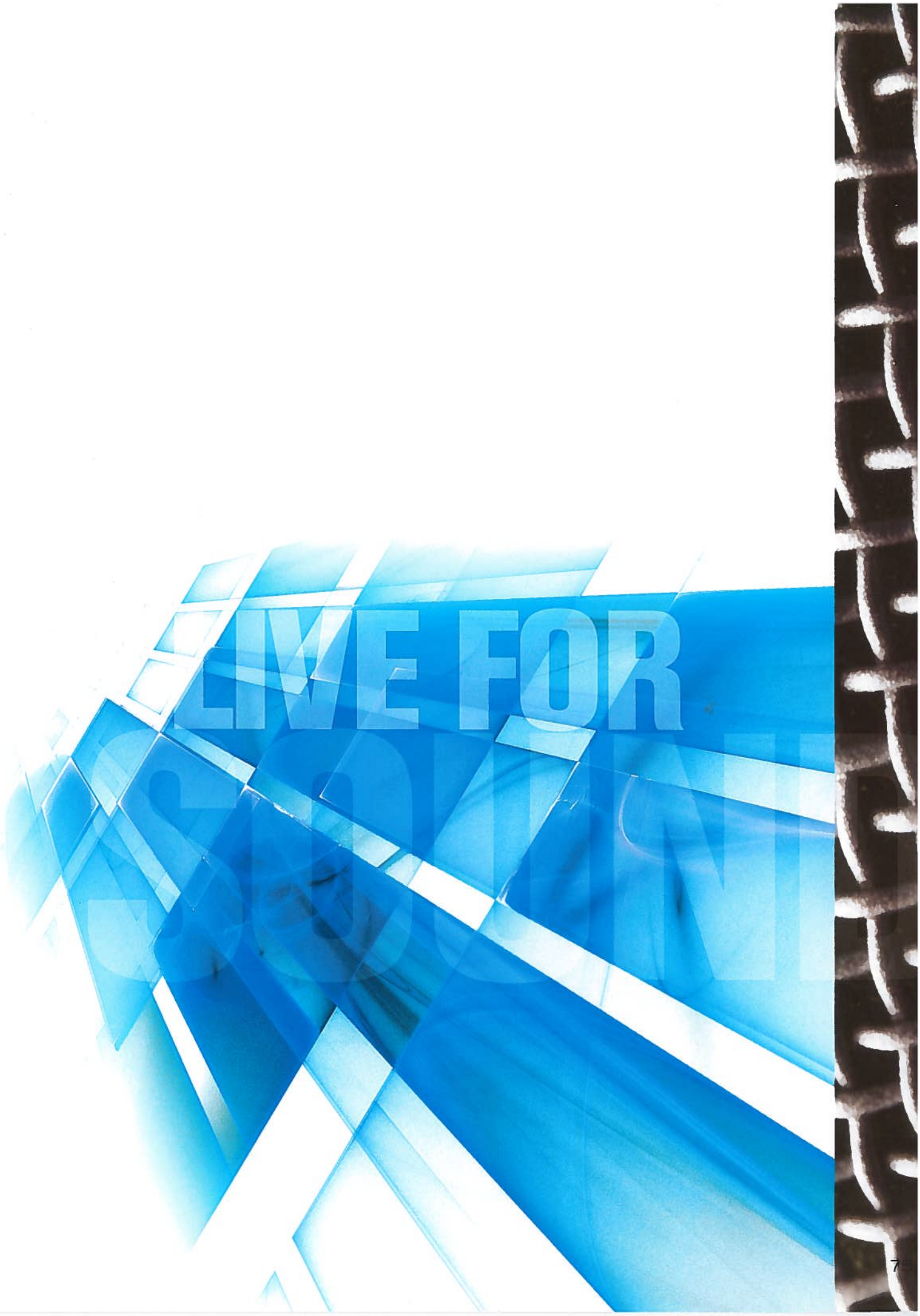
- DC-One Editor Software control via USB port
- Analog or AES/EBU Inputs
- Switchable -6 dB pre-A/D converter pad
- 24-bit AD/DA conversion
- 32-bit Floating Point internal processing
- 111 dB dynamic range
- Six predefined operation configurations
- Contact closure interface for remote preset recall
- 60 factory presets, 20 user presets
- Compare button toggles between presets and edited settings
- Highly-customizable security settings

DC-One Editor Software — PC-based editing software for DC-One

- Easy connection to DC-One hardware via USB
- Detailed, real-time control and supervision of DC-One hardware
- Intuitive user interface
- State-of-the-art graphics provide detailed, easy-to-understand system overview
- Graphical navigation and block diagrams provide easy access to all functions and DSP sections
- Unique delay adjustment interface positions components as they actually exist in space
- Selective lockout of front-panel access protects settings from tampering
- Available as a free download at www.electro-voice.com

	Dx46	DC-One
Analog Inputs (Electronically Balanced)	Two XLR, Two XLR THRU OUT	Two XLR, Two XLR THRU OUT
Analog Outputs (Electronically Balanced)	Six XLR	Six XLR
Digital Inputs	XLR AES/EBU (2-channel)	XLR AES/EBU (2-channel)
Maximum Input Voltage	8.7 V/+21 dBu (analog pad not engaged)	8.7 V/+21 dBu (analog pad not engaged)
Nominal Input Voltage	1.55 V/+ 6 dBu	1.23 V/+4 dBu
Input Impedance (Balanced)	10 kΩ	10 kΩ
Maximum Output Voltage	8.7 V/+21 dBu	8.7 V/+21 dBu
Nominal Output Voltage	1.55 V/+6 dBu	1.23 V/+4 dBu
Output Impedance (Balanced)	50 Ω	50 Ω
Frequency Response	20 - 40,000 Hz	10 - 22,000 Hz (±0.5 dB)
Dynamic Range	116 dB (A-weighted)	111 dB (unweighted, band limited 22 - 22,000 Hz)
THD+N	< 0.002% (band limited 20 Hz - 20,000 Hz)	< 0.01% (band limited 22 - 22,000 Hz)
A/D Conversion	24-bit Delta Sigma	24-bit/Sigma-Delta (linear phase) 128 times oversampling
D/A Conversion	24-bit Delta Sigma	24-bit/Sigma-Delta 128 times oversampling
Data Format	24-bit	24-bit
Internal Processing	48-bit double precision	32-bit floating point
Sample Rate	48 kHz	48 kHz
Control Protocol	USB, Ethernet	Front-panel USB port
Dimensions (H x W x D)	1.74 x 19 x 14 in 44.25 x 482.6 x 355.6 mm	1.74 x 19 x 14 in 44.25 x 482.6 x 355.6 mm
Weight Net	10.14 lbs (4.6 kg)	10.14 lbs (4.6 kg)

Notes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