



## SER I E S

Electro-Voice has been a successful, innovative company with a proud tradition for over 75 years. In 1930, the company developed a public address system for Notre Dame's legendary football coach, Knute Rockne. Rockne called the system his "Electric Voice," which of course became, Electro-Voice. Electro-Voice sound systems have satisfied the sound reinforcement needs for many U.S. president's, the worlds 1st lunar landing, and performers including the Beatles, Rolling Stones, and many others.

Simply stated, the Xi Series loudspeakers provide amazingly clear reproduction of the human voice, long-term audio consistency, and top-notch component reliability as compared to other professional audio loudspeakers.



- Has been designed with extraordinarily high performance needs in mind.
- Offers virtually unlimited solutions for many sound applications including performing arts centers, theaters, houses of worship, auditoriums, regional touring, and clubs.
- When combined with the EV Dx38, the Klark Teknik DN9848 digital sound processors, or EV RL amplifiers, it becomes the perfect sound solution, & will provide unequalled sonic excellence.

## XI SERIES LOUDSPEAKERS FEATURES:

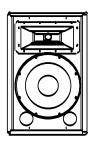
- ND6-16 3-Inch High Frequency Neodymium Transducer
- Two & Three element line arrays using Vertical Beam Shaping (VBS) for extended frequency directivity control
- Ring-Mode Decoupling (RMD) for breathtaking vocal quality and level independent fidelity
- Rotatable High Frequency horns for coverage flexibility
- L-Track rigging for safe & simple suspension
- Carrying handles on each side of all Xi Series enclosures
- Trapezoid design for optimized arrays & cluster design
- All models available in black or white

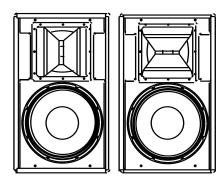


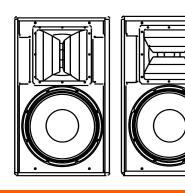
## ND6-16 3-INCH HIGH FREQUENCY NEODYMIUM TRANSDUCER:



- The Electro-Voice ND6-16 is a world-class high frequency compression driver that has been engineered to deliver high quality performance.
- The ND6-16 combines an unusually small size and weight-to-power ratio, allowing compact systems while still maintaining superb sonic quality.
- Most Xi Series systems have a rotatable HF horn. It is designed so the coverage area can be maintained for vertical and horizontal box orientations.







## XI-1122A/85F

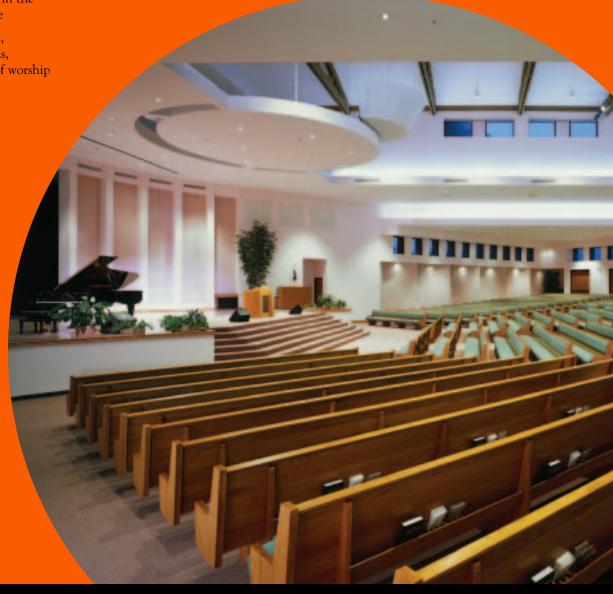
- Ultra Compact 2 Way Full-Range
- Exceptional for music applications where low frequency bandwidth requirements are moderate
- Excellent clarity in the vocal Mid-Range
- Ideal for theaters, small auditoriums, clubs, & house of worship

## XI-1152A/64F

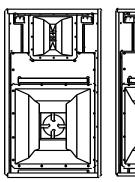
- Compact 2-Way Full-Range
- Rotatable horn
- 15" woofer for extended low frequency response
- Ideal for live music, small theaters, house of worship, & clubs

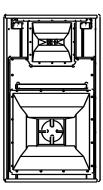
## XI-1152A/94F

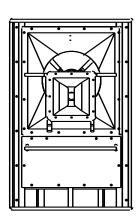
- Compact 2-Way Full-Range
- Rotatable horn with wider coverage
- Ideal for small theaters, house of worship, & clubs

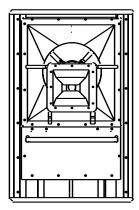


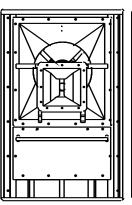


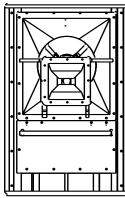












## Xi-1123A/106F

- 3-Way High-Output Full-Range (VBS)
- Rotatable High Frequency & Mid Frequency horns
- Can be used Biamped or Triamped
- Ideal for venues with low ceiling heights, a great-solution for reverberant spaces

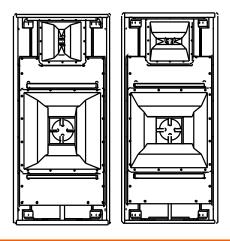
## XI-1153A/64F

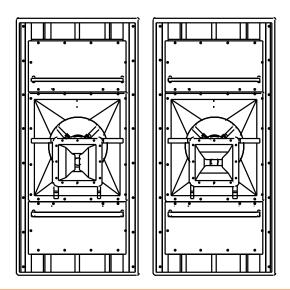
- 3-Way High-Output Full-Range (VBS)
- Rotatable high frequency horn
- High power with unsurpassed sound quality
- Ideal for theaters, auditoriums, house of worship, & clubs

## Xi-1183A/64F

- 3-Way High-Output Full-Range (VBS)
- ND 12A Neodymium 12" mid-bass cone transducer
- Rotatable high frequency horn
- Ideal for theaters, auditoriums, house of worship, & clubs







## XI-2123A/106F

- 3-Way High-Output Full-Range, wide coverage (VBS)
- Rotatable high frequency & mid bass horns
- Excellent vocal & musical clarity
- Ideal for theaters, auditoriums, house of worship, & clubs

## Xi-2153A/64F

- 3-Way High-Output Full-Range (VBS)
- High SPL
- Fullest, most complete frequency reproduction in the industry
- Ideal for auditoriums, house of worship, & clubs

## VERTICAL BEAM SHAPING

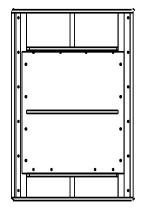
Vertical Beam Shaping (VBS) is a frequency overlap configuration of the dual-woofer three-way systems of the Xi-Series, creating a 3- element line array. \*This results in a gain of LF directivity below the break frequency of the mid-bass horn. (example: 600-900 Hz).

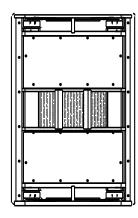
The sonic advantages of this combination are significant. Precisely controlled radiation patterns at low frequencies prevent reverberant energy in the 125- to 600-Hz range from degrading vocal fundamentals.

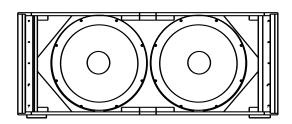
In addition, this greatly improves gain-beforefeedback levels on stage, especially in theaters where microphones are traditionally used under center speakers.

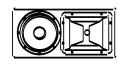
\* Single woofer 3-way systems can be configured as 2-element line arrays for VBS.

# VERTICAL BEAMWIDTH Source 1 Frequency (Hz) Overlap Zone For VBS 100 100 bz 200 400 bz Source 3









## Xi-1191A (F)

- 1 X 18" Subwoofer
- A true low frequency subwoofer
- Flyable or ground stackable
- Ideal in theaters, & house of worship
- Same footprint as Xi-1153A, Xi-1183A, Xi-2122MHA, & Xi-1122MHA for arraying

## XI-2181A (F)

- 2 X 18" low frequency cabinet
- Perfect when music requires low frequency impact
- Flyable or ground stackable
- Ideal for auditoriums, theaters, & house of worship
- Same footprint as Xi-1153A, Xi-1183A, Xi-2122MHA, & Xi-1122MHA for arraying

## **XSUB**

- The Xsub is a member of the X-line family that can be used with the Xi Series
- High-output, subwoofer system
- Ground stackable
- Ideal for concerts, theaters, clubs, & other applications where high levels of low frequencies are desired

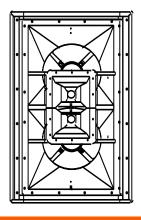
## X: 1082

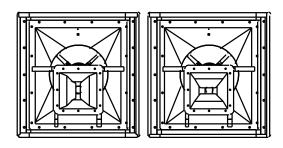
- 2-Way Full-Range
- Compact underbalcony slant, front-stage and near-field use
- Very compact design, optional U-Bracket available
- Ideal for theaters, touring, clubs, & house of worship





EV SERIES





## XI-2122MHA/42F

- 2-Way Mid High Module
- 40 X 20 coverage for cluster application & long throw fill
- Very high SPL
- Ideal for concerts, theaters, & house of worship

## Xi-1122MHA/64F

- 2-Way Mid High, 60 X 40 for Near and Mid Field
- Rotatable High Frequency horn
- Cluster element and balcony coverage
- Ideal for large theaters, clubs, & house of worship



## Dx 38 (DIGITAL SOUND SYSTEM PROCESSOR)

The Dx38 provides sound systems with the standards for digital sound signal processing. Its user-friendly design reduces the complexity of digital signal processing to an easy-to-use format.

The Dx38 comes with RACE software including presets for current EV speaker systems.

RACE software is a professional audio tool to generate presets for speaker systems, which enables engineers to seamlessly integrate room influence, speaker positioning and parameter settings.



## **PRECISION SERIES REMOTE AMPLIFIERS**

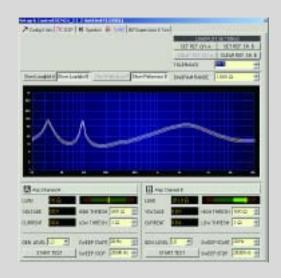
The new DSP Controlled P Series amplifiers are combining legendary performance with an uncompromised remote control and system supervision capability.

Utilizing state-of-the-art technologies from our signal processor developments we guarantee to provide superior audio performance.

• IRIS (Intelligent Remote & Integrated Supervision) software for user programmable, password protestable control pages.



- Remote Control and supervision of up to 250 amplifiers over CAN network.
- Built-in state-of-the-art digital signal processing (Filter, Crossover, Delay, Compressor, Limiter).
- Dynamic Range 115 dB.
- RACE processed presets for EV® speakers available.
- Realtime supervision of amplifier operation and loudspeaker load.
- Automated system checks including full bandwidth measurement of connected loudspeakers.
- Automated action procedures on critical operation modes are programmable.



TYPE	S	SMALL/MEDIUM 2-Way		MEI 3-1	MEDIUM 3-WAY	1A1	LARGE 3-WAY	EXTRA LG. 3-WAY	SUBW00FER	BASS BOX	2-WAY MID-HIGH	HIGH	UNDER BALCONY
SYSTEM	XI-1122A/85F	XI-1152A/64F	XI-1152A/94F	XI-1123A/106F	XF2123A/106F	XI-1153A/64F	XI-1183A/64F	XI-2153A/64F	XF-1191A(F)	XI-2181A(F)	XI-2122MHA/42F	XI-1122MHA/64F	
Freq. Resp. (-3dB)	58Hz - 17KHz	50Hz - 18kHz	50Hz - 18KHz	80Hz - 18kHz	80Hz - 18KHz	48Hz - 18kHz	48Hz - 18kHz	45Hz - 16kHz	37Hz - 90Hz	48Hz - 100Hz	170Нг - 16КНг	125Hz - 16KHz	100Нz - 20КНz
Freq. Range. (-10dB)	55Hz - 19kHz	44Hz - 20KHz	44Hz - 20kHz	55Hz - 20kHz	55Hz - 20KHz	40Hz - 20kHz	40Hz - 20kHz	40Hz - 19.5KHz	28Hz - 160Hz	37Hz - 160Hz	110Нг - 20КНг	100Hz - 20KHz	50Hz - 20KHz
Max. Galc. SPL	130dB (Peak)	132dB (Peak)	132dB (Peak)	135dB (Peak)	137dB (Peak)	134dB (Peak)	134dB (Peak)	136dB (Peak)	128dB (Peak)	135dB (Peak)	145dB (Peak)	139dB (Peak)	
Coverage (H° x V°) Rotate	80° x 55° NR	60° x 40° R	90° x 40° R	100° x 60° R	100° x 60° R	60° x 40° R	60° x 40° R	60° x 40° R			40° x 20° NR	60° x 40° R	
Power Handling-LF	"300W Cont. 1200W Peak"	"600W Cont. 2400W Peak"	"600W Cont. 2400W Peak"	"300W Cont. 1200W Peak"	"600W Cont. 2400W Peak"	"600W Cont. 2400W Peak"	"600W Cont. 2400W Peak"	"1200W Cont. 4800W Peak"	"600W Cont. 2400W Peak"	"1200W Cont. 4800W Peak"	None	None	"175W Cont 700W Peak"
Power Handling-MB	None	None	None	"300W Cont. 1200W Peak"	"300W Cont. 1200W Peak"	"300W Cont. 1200W Peak"	"300W Cont. 1200W Peak"	"300W Cont. 1200W Peak"	None	None	"600W Cont. 2400W Peak"	"300W Cont 1200W Peak"	
Power Handling-HF	"75W Cont 300W Peak"	"75W Cont 300W Peak"	"75W Cont 300W Peak"	"75W Cont 300W Peak"	"75W Cont 300W Peak"	"75W Cont 300W Peak"	"75W Cont 300W Peak"	"75W Cont 300W Peak"	None	None	"150W Cont 600W Peak"	"75W Cont 300W Peak"	
Sensitivity-LF	99dB	99dB	99 dB	98 dB	101 dB	91 dB	93 dB	96 dB	94dB	98.5dB	None	None	
Sensitivity-MB	None	None	None	109 dB	109 dB	107 dB	107 dB	107 dB	None	None	112dB	110dB	
Sensitivity-HF	110dB	113dВ	113 dB	112 個	112 dB	113 dB	113 dB	113 dB	None	None	116dB	112dB	
Impedance-LF	8 Ohms Nominal	8 Ohms Nominal	8 Ohms Nominal	12 Ohms Nominal	6 Ohms Nominal	8 Ohms Nominal	8 Ohms Nominal	4 Ohms Nominal	8 Ohms Nominal	(2) 8 Ohms Loads	None	None	8 Ohms Nominal
Impedance-MB	None	None	None	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	None	None	8 Ohms Nominal	16 Ohms Nominal	
Impedance-HF	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	16 Ohms Nominal	None	None	8 Ohms Nominal	16 Ohms Nominal	
Transducer-LF	(1) DL12ST 12"	(1) EVX155 15"	(1) EVX155 15"	(1) DL12ST 12"	(2) DL12ST 12"	(1) EVX155 15"	(1) EVX180B 18"	(2) EVX155 15"	(1) EVX180B 18"	(2) EVX180B 18"	None	None	(1) 8" Woofer
Transducer-MB	None	None	None	(1) DL10X 10"	(I) DL10X 10"	(1) DL12ST 12"	(1) ND12A 12"	(1) DL12ST 12"	None	None	(2) ND12A 12"	(1) ND12A 12"	
Transducer-HF	(1) ND6 3" Coil	(1) ND6 3" Coil	(1) ND6 3" Coil	(1) ND6 3" Coil	(1) ND6 3" Coil	None	None	(2) ND6 3" Coil	(1) ND6 3" Coil	(1) DH3 1.25" Coil			
Processor	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848	Dx38, DN9848
Recommended Amplifier LF	P3000 (RL), CPS2.8*, CPS 2.11*	P3000 (RL), CPS2.8*, CPS 2.11*	P3000 (RL), CPS2.8*, CPS 2.11*	P3000 (RL), CPS2.8*, CPS 2.11*	P3000 (RL), CPS2.8*, CPS 2.11*	P3000 (RL), CPS 2.11*	P3000 (RL), CPS 2.11*	None	None	P900 (RL), CPS 2.4			
Recommended Amplifier MB	None	None	None	P3000 (RL), CPS2.8*	P3000 (RL), CPS2.8*	P3000 (RL), CPS2.8*	P3000 (RL), CPS2.8*	P3000 (RL), CPS2.8*	None	None	P3000 (RL), CPS2.8*	P3000 (RL), CPS2.8*	None
Recommended Amplifier HF	P1200 (RL), CPS 2.8*	P1200 (RL), CPS 2.8*	P1200 (RL), CPS 2.8*	P1200 (RL), P3000 (RL), CPS 2.8*, CPS 2.11*	P1200 (RL), P3000 (RL), CPS 2.8*, CPS 2.11	P1200 (RL), P3000 (RL), *CPS 2.8*, CPS 2.11*	P1200 (RL), P3000 (RL), CPS 2.8*, CPS 2.11*	P1200 (RL), P3000 (RL), CPS 2.8*, CPS 2.11*	None	None	P1200 (RL), P3000 (RL), CPS 2.8*, CPS 2.11*	P1200 (RL), P3000 (RL), CPS 2.8*, CPS 2.11*	None
Crossover Frequency					Use Factor	y Recommended Parameters (F	Use Factory Recommended Parameters (Please contact Technical Support for presets or visit us at www.electrovoice.com)	t for presets or visit us at www	electrovoice.com)				
Connectors	(2) Neutrik NL4's	(2) Neutrik NL4's	(2) Neutrik NL4's	(2) Neutrik NL8's	(2) Neutrik NL8's	(2) Neutrik NL8's	(2) Neutrik NL8's	(2) Neutrik NL8's	(2) Neutrik NL8's	(2) Neutrik NL8's	(2) Neutrik NL8's	(2) Neutrik NL8's	Single Barrier Strip
Enclosure	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plyvood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plywood"	"13-Ply 18mm Birch Plyvood"
Color	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or White
Gr <b>il</b> le	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel	16 GA Steel
Dimensions (HxWxD) Std	23.0 x 14.9 x 14.0	29.9 x 17.9 x 16.3	29.9 x 17.9 x 16.3	31.5 x 18.0 x 18.6	39.7 x 18.0 x 18.6	36.0 x 23.0 x 29.9	36.0 x 23.0 x 29.9	48.5 x 23.0 x 29.9	36.0 x 23.0 x 29.9	36.0 x 23.0 x 29.9	36.0 x 23.0 x 29.9	23.5 x 23.0 x 29.9	19.2 x 9.2 x 11.2
Dimensions (HxWxD) Met.	584 x 379 x 358	759 x 455 x 414	759 x 455 x 414	801 x 458 x 473	1007 x 854 x 473	914 x 584 x 759	914 x 584 x 759	1233 x 584 x 759	914 x 584 x 759	914 x 584 x 759	914 x 584 x 759	596 x 584 x 759	488 x 235 x 285
Net Weight	26.8 kg (59 lbs)	36.3 kg (80 lbs)	36.3 kg (80 lbs)	52.2 kg (115 lbs)	63.6 kg (140 lbs)	88.8 kg (195 lbs)	88.8 kg (195 lbs)	109.0 kg (240 lbs)	68.0 kg (150 lbs)	83.6 kg (184 lbs)	86.3 kg (190 lbs)	61.8 kg (136 lbs)	13.3 kg (28 lbs)
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