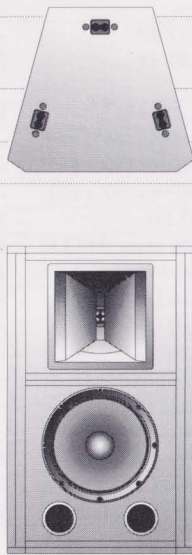
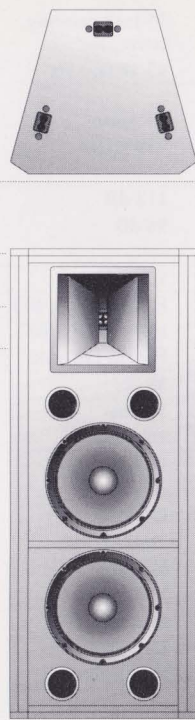


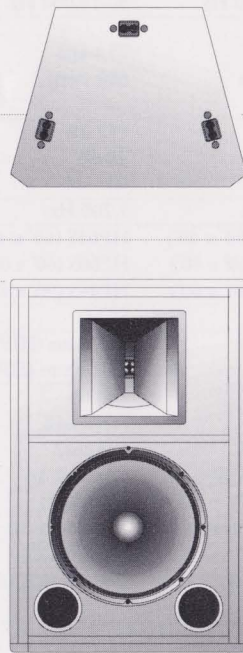
PIM-102
10-inch Two-Way
Active or Passive



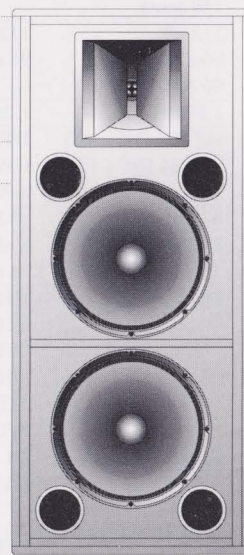
PIM-122
12-inch Two-Way
Active



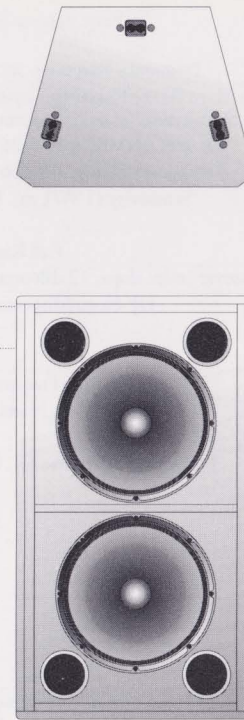
PIM-222
Dual 12-inch Two-Way
Active



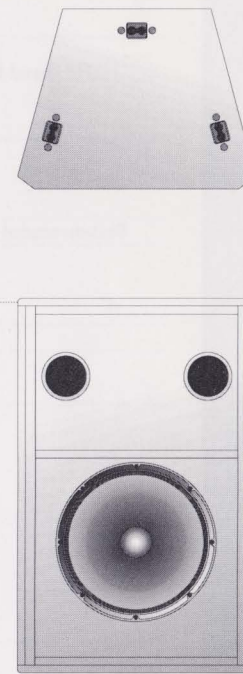
PIM-152
15-inch Two-Way
Active



PIM-252
Dual 15-inch Two-Way
Active



PIM-251
Dual 15-inch
Low Frequency



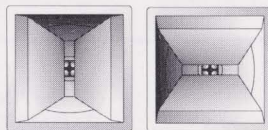
PIM-151
15-inch Low Frequency

PI Matrix Series™ Custom Loudspeaker Systems

Seven Compact Trapezoidal Enclosures with User-Determined Transducers, Finishes and Mechanicals

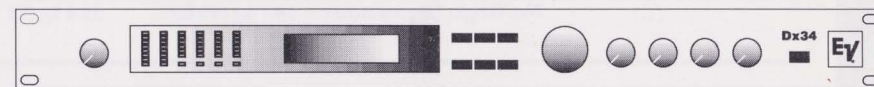
The PI Matrix Series™ is a highly flexible approach for applications where compact full-range systems are appropriate. The five full-range and two low-frequency enclosures vary in size, low-frequency extension and maximum acoustic output.

High-frequency horns are rotatable about their major axes. All seven systems have a standard configuration and many custom options. The options include LF and HF drivers, HF horn, enclosure material and finish, input panel, grille, rigging hardware and crossover.



Rotatable high-frequency horns offer ultimate coverage flexibility.

Support electronics for active crossover, driver EQ and signal alignment include the Dx34 digital speaker system processor and the XEQ-3 crossover/equalizer equipped with the appropriate HF horn EQ module.



Dx34 presets are available for the standard system configurations.

Basic PI Matrix Series™ specifications are on the reverse side.

PI Matrix Series™ Custom Loudspeaker Series Preliminary Specifications

Note: all currently available options are shown below. The options in bold type are the "standard" system configurations.

Specifications:	PIM-102	PIM-122	PIM-222	PIM-152	PIM-252	PIM-151	PIM-251
Basic System Type:	10-inch two-way active or passive	12-inch two-way active	Dual 12-inch two-way active	15-inch two-way active	Dual 15-inch two-way active	15-inch LF —	Dual 15-inch LF —
Frequency Response, ±3 dB:	85-18,000 Hz	50-18,000 Hz	50-18,000 Hz	45-18,000 Hz	45-18,000 Hz	45-1,800 Hz	55-1,800 Hz
Long-Term Power Handling Capacity, HF (band-limited pink noise in operating range):	20 watts	60 watts	75 watts	75 watts	75 watts	—	—
LF (per ANSI/EIA RS-426-A):	150 watts	300 watts	600 watts	400 watts	800 watts	600 watts	1,200 watts
FR (per ANSI/EIA RS-426-A):	150 watts	—	—	—	—	—	—
Sensitivity (1 W/1 m), HF:	112 dB	111 dB	112 dB	112 dB	112 dB	—	—
LF:	96 dB	95 dB	98 dB	98 dB	101 dB	95 dB	98 dB
Full Range:	96 dB	—	—	—	—	—	—
Recommended Crossover (min. slope, 12 dB/octave):	1,800 Hz	1,200 Hz	1,200 Hz	1,200 Hz	1,200 Hz	80-200 Hz	80-200 Hz
HF Horn (dispersion):	HPT94 (90° x 40°)	HP94S (90° x 40°)	HP64S (60° x 40°)	HP64S (60° x 40°)	HP64S (60° x 40°)	—	—
	HPT64 (60° x 40°)	HP64S (60° x 40°)	HP66S (60° x 60°)	HP66S (60° x 60°)	HP66S (60° x 60°)	—	—
		HP66S (60° x 60°)	HP94S (90° x 40°)	HP94S (90° x 40°)	HP94S (90° x 40°)	—	—
Box Tuning Frequency:	67 Hz	45 Hz	50 Hz	38 Hz	45 Hz	38 Hz	50 Hz
Impedance, Nominal:	8 ohms	8 ohms	8/4 ohms (HF/LF)	8 ohms	8/4 ohms (HF/LF)	8 ohms	4/16 ohms
		16 ohms	16/8 ohms (HF/LF)	16 ohms	16/8 ohms (HF/LF)	16 ohms	8/32 ohms
Transducer Complement, HF:	DH3	DH2As2	DH1A	DH1A	DH1A	—	—
		DH1A	DH1A-16	DH1A-16	DH1A-16	—	—
		DH1A-16	DH2As2	DH2As2	DH2As2	—	—
		DH2As2-16	DH2As2-16	DH2As2-16	DH2As2-16	—	—
		N/DYM®1	N/DYM®1	N/DYM®1	N/DYM®1	—	—
		N/DYM®1-16	N/DYM®1-16	N/DYM®1-16	N/DYM®1-16	—	—
LF:	Force® 10	DL12X	Two DL12X	DL15X	Two DL15X	EVX-150A	Two EVX-150A
		DL12X-16	Two DL12X-16	DL15X-16	Two DL15X-16	DL15X	Two DL15X
				EVX-150A	Two EVX-150A	DL15X-16	Two DL15X-16
Input Connections:	Dual 10-AWG barrier strip Dual Neutrik Speakon® NL4MRP						
PRO™ Circuit HF Protection:	Yes	Yes ¹	Yes ¹	Yes ¹	Yes ¹	—	—
Enclosure Materials:	7-ply high-grade void-free birch 14-ply high-grade void-free Finnish birch						
Enclosure Finishes:	Black textured paint Unfinished (ready for staining) White primer (ready for painting) Wolverine® weather-resistant black textured urethane						
Grille Screen:	16 AWG black powder-coated perforated steel 16 AWG black powder-coated perforated steel with foam water shield						
Hanging:	Integral three-point suspension system (accepts Ancra 42646-10 fittings, four provided) ²						
Dimensions, Height:	50.5 cm (19.9 in.)	75.9 cm (29.9 in.)	114 cm (44.9 in.)	91.1 cm (35.9 in.)	132 cm (51.9 in.)	91.1 cm (35.9 in.)	101 cm (39.9 in.)
Width at Front: ³	37.5 cm (14.8 in.)	48.5 cm (19.1 in.)	48.5 cm (19.1 in.)	57.5 cm (22.6 in.)	57.5 cm (22.6 in.)	57.5 cm (22.6 in.)	57.5 cm (22.6 in.)
Width at Rear: ³	23.8 cm (9.38 in.)	26.7 cm (10.5 in.)	26.7 cm (10.5 in.)	35.9 cm (14.1 in.)	35.9 cm (14.1 in.)	35.9 cm (14.1 in.)	35.9 cm (14.1 in.)
Depth:	29.2 cm (11.5 in.)	43.9 cm (17.3 in.)	43.9 cm (17.3 in.)	43.9 cm (17.3 in.)	43.9 cm (17.3 in.)	43.9 cm (17.3 in.)	43.9 cm (17.3 in.)
with Wolverine® finish:	Add 6.4 mm (0.25 in.)						
Net Weight (approximate):	18.1 kg (40 lb)	35.4 kg (78 lb)	49.4 kg (109 lb)	46.3 kg (102 lb)	61.2 kg (135 lb)	34.0 kg (75 lb)	47.2 kg (104 lb)



Electro-Voice® a MARK IV company

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 Mark IV Audio Hong Kong, Unit E & F, 21/F, 8 Luk Hop St., San Po Kong, Kowloon, Hong Kong, (011)852-351-3628

1. The PIM-122, PIM-222, PIM-152 and PIM-252 also have a protective series capacitor.
 2. PIM-102 has three 5/16-18 T-nut threaded inserts.
 3. Enclosure sides have a 15° draft angle.
- Specifications subject to change without notice.*