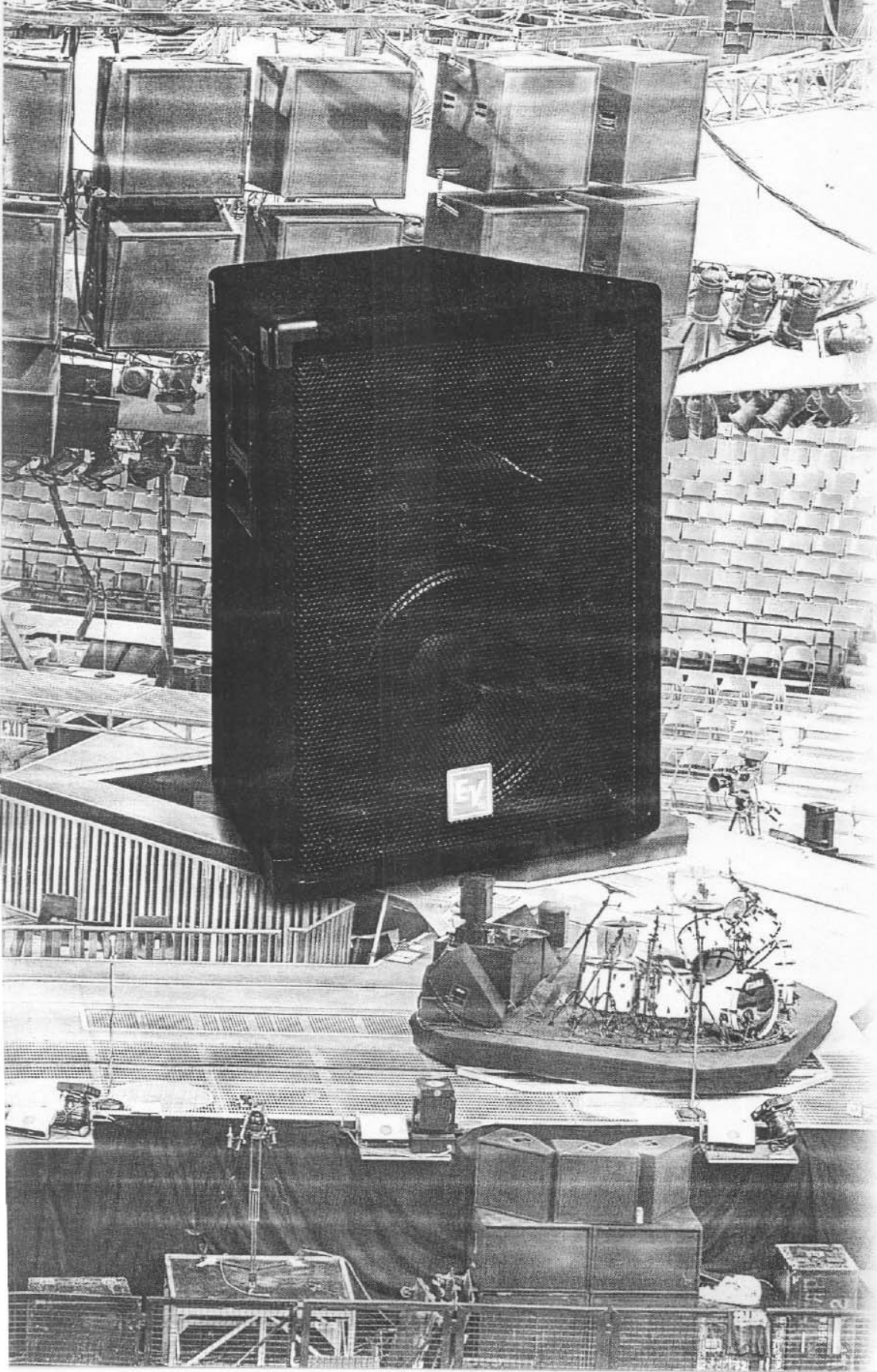


T-SERIES

TM



*E*lectro-Voice

T-Series Trapezoidal

Speaker Systems

Combine, Performance,

Reliability, and Value

for true Concert

Quality Sound.



Electro-Voice
a MARK IV company



T-Series: A New Dimension of Performance

The Electro-Voice T-Series™ combines traditional EV performance, reliability and value with components from our concert speakers to create a series of high-performance trapezoidal speaker systems. The result is a series of speaker systems with true concert-quality sound for smaller venues.

Our experience in building the world's #1 manufactured concert speaker systems and working with the people that use them helped us immensely in the creation of the T-Series. We learned which components had the best reliability under the abuse-like conditions of touring. We knew the problems of live sound in less-than-perfect real-world conditions. We understood the sound that musicians and engineers were looking for and the best way to achieve it.

Professional Concert Components

Each T-Series speaker system uses components that have toured the world in Electro-Voice concert systems. Our compression drivers have pure titanium diaphragms coupled to true constant directivity horns for sweet, detailed high frequency performance everywhere in its coverage pattern. Our woofers are specially designed for these systems and have road-proven reliability. Many Electro-Voice innovations, such as polyamide coil formers, beryllium-copper leads and our patented PROTEF™ insulator/lubricant combine with our diecast frame and 16-pound magnet structure for powerful, authoritative bass response.

High-Efficiency Design

Each T-Series model is designed to give you the most sound from each watt of power from your amplifier. If you look at the power handling capacity and the sensitivity of each model, you'll find that EV T-Series speakers will give you the highest output with the least amount of amplifier power. You don't need expensive, ultra-high-powered amplifiers to make the T-Series speakers sound good.

High-Power Handling

All Electro-Voice speakers are tested using EIA Standard RS-426A, the most grueling test available. The continuous power rating of each T-Series speaker system means that it is capable of holding that amount of power for a minimum of 8 hours. During the test, we push the amplifier to +6 dB above its continuous rating four times per second, delivering four times the continuous power rating. This very demanding test ensures that T-Series speakers have the muscle to withstand the punishment they will endure in real-life situations.



Precision-Tuned Crossovers

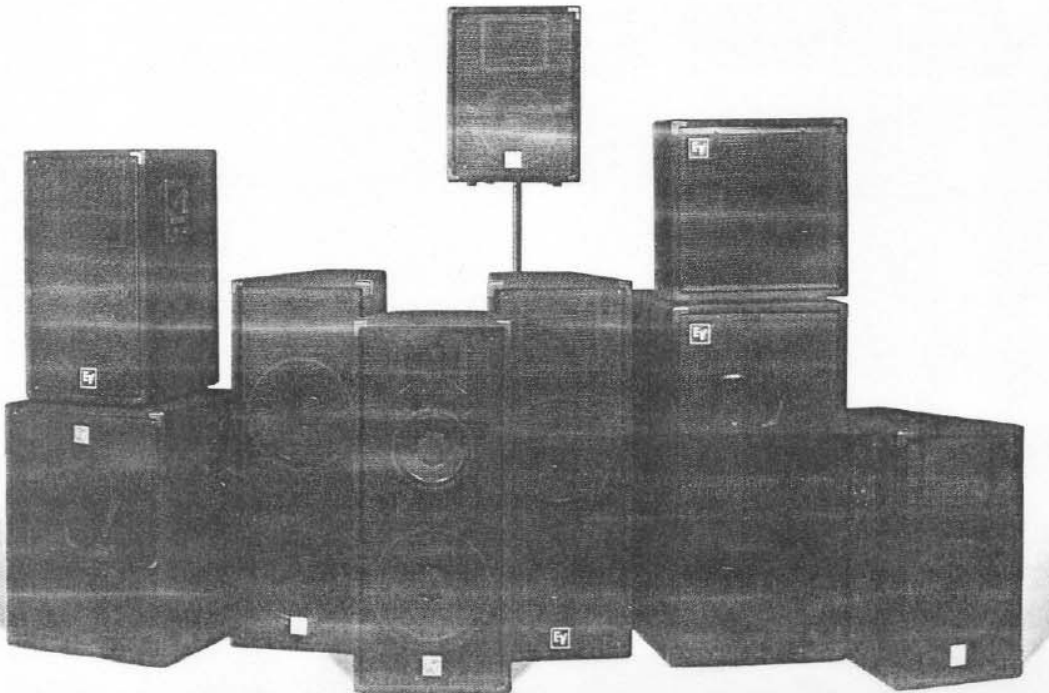
T-Series crossovers blend the drivers together perfectly and provide equalization for the driver/horn combination, resulting in uniform coverage and smooth, flat frequency response. EV's proprietary PRO circuit™ is also built into the crossover network to guard the compression driver from damage, yet it is out of the signal path until needed. The sound is uncolored with peaks and transients unaffected even when the PRO circuit™ is active.

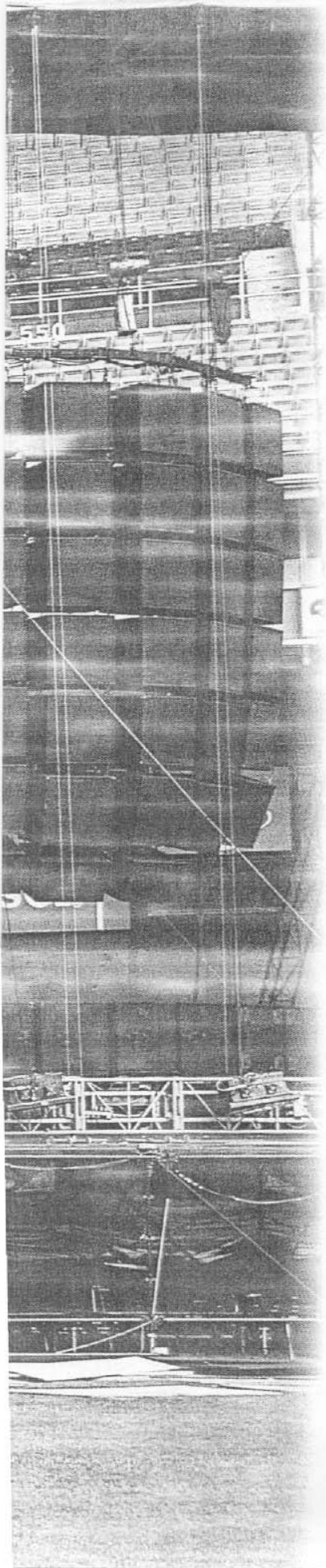
Rock Solid Enclosures

Electro-Voice T-Series enclosures are ruggedly built to withstand years of constant use. The cabinets are constructed of 7-ply, exterior-grade, void-free fir plywood that is very strong and acoustically inert to prevent unwanted resonances. All joints are glued and nailed for long-term stability and strength. All other elements including heavy-duty steel corners, metal handles and a heavy-gauge steel grille make the T-Series speakers very roadworthy. Every cabinet is covered with carpeting that gives the speakers a rich appearance and provides excellent protection against wear and tear.

World-Class Warranty

EV stands behind each T-Series speaker system with our famous five-year transferable parts-and-labor warranty. A worldwide network of factory and field service centers is available to repair your system quickly, if the need for service arises.





MT-1 Concert Speaker System

Extremely high output, fabulous sound and tremendous directional control from a system that can be biamped or tri-amped.

MTH-1 Two-Way, Horn-Loaded Coaxial System

True concert-quality sound and performance thanks to Manifold Technology® and Constant-Directivity.

□ Extremely high output, concert-quality sound and excellent directional control from 160 Hz, thanks to constant-directivity horn loading. Coaxial mounting keeps enclosure dimensions small for such a high output system and ensures that mids and highs reach the audience at the same time for more accurate reproduction.

□ DH2T large-format, pure titanium compression driver is coupled to a 60° x 40° constant-directivity horn for clarity and intelligibility. DL10X horn-loaded mid-bass driver has very smooth response and high output.

□ The built-in crossover allows the system to be run in passive or active configuration. Extremely high 106 dB (1 watt/1 meter) sensitivity and 350 watt long-term, 1,400-watt short-term power handling for 135 dB peak output.

□ Optional HS-7 hanging kit allows the MTH-1 to be safely flown for concert rigging or permanent installations.



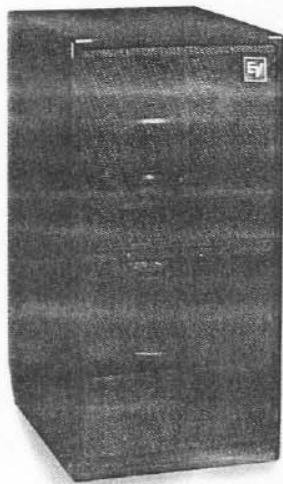
MTL-1 Double 18-inch SubScoop™ Enclosure

Chest-kicking bass with unbelievable projection.

□ Unique SubScoop™ enclosure combines the punch and directional control of horn loading with the low distortion and extended frequency response of a vented box.

□ Two DL18MT Manifold woofers with 800 watt continuous, 3,200 watt short-term power handling provide thunderous bass performance, 100 dB (1 watt/1 meter) sensitivity and 132 dB peak output. Can be used with any T-Series model for heart-stopping low-end.

□ The unique enclosure is easy to move thanks to rear-mounted handles and "tilt-back" casters. Two Neutrik Speakon connectors make signal routing easy and have high current capacity.



T252 High-Output Biampable Double 15-inch, Two-Way

Thunderous lows, clean mids and detailed highs at any listening level.

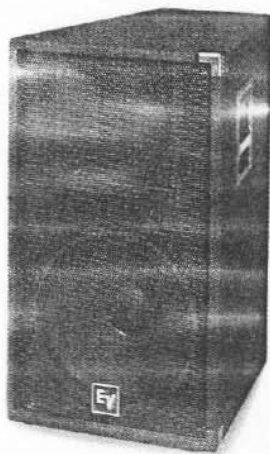
- Professional, large-format DH2T pure titanium compression driver coupled to a High-Q 60° x 40° constant-directivity horn for detailed, articulate high-frequency reproduction. Rotatable horn (40° x 60°) gives excellent performance with minimal coverage overlap when used in arrays.
- Quasi-three way design utilizes two DL15X woofers in separately tuned chambers for solid, punchy bass response and smooth, clean mids.
- 98 dB sensitivity (1 watt/1 meter) and 800 watt long-term, 3,200 watt short-term power handling (131.5 dB peak output). Biamp power handling is 800 watt long-term, 3,200 watt short-term LF and 75 watt long-term, 300 watt short-term HF.
- Two Neutrik Speakon input connectors have high current capacity and allow biamp and full-range connections. PRO circuit™ protects the compression driver without degrading performance.

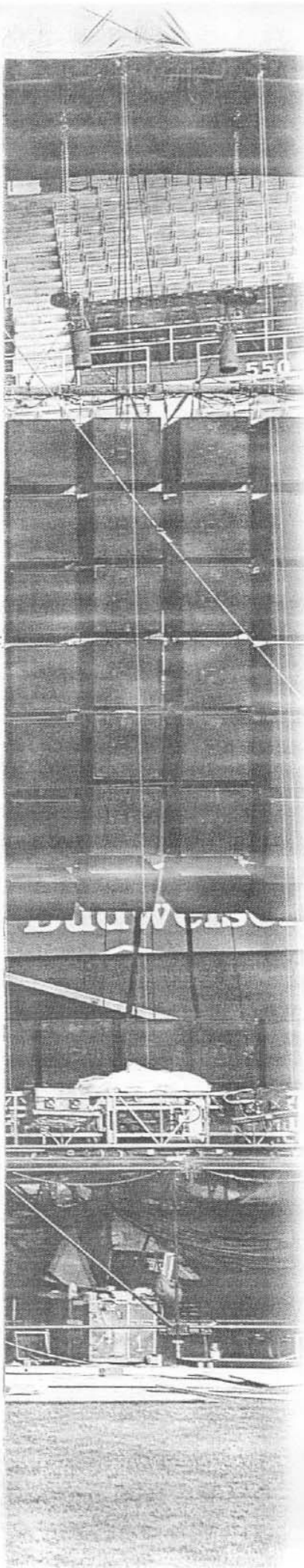


T251 High-Output, Biampable 15-inch, Two-Way

Maximum bandwidth, high efficiency and power handling in a reasonably-sized enclosure.

- Professional, large-format DH2T pure titanium compression driver coupled to a high-Q 60° x 40° constant-directivity horn for pristine, effortless high-frequency reproduction at any level with excellent projection and pattern control in large listening areas. Rotatable horn (40° x 60°) gives excellent performance in arrays with minimal coverage overlap.
- High-performance DL15X woofer provides solid bass response and warm midrange performance.
- 101 dB sensitivity (1 watt/1 meter) and 400 watt long-term, 1,600 watt short-term power handling (131.5 dB peak output). Biamp power rating is 400 watt long-term, 1,600 watt short-term LF and 75 watt long-term, 300 watt short-term HF.
- Two Neutrik Speakon connectors allow easy signal routing, have high current capacity and allow easy biamping with one connector. PRO circuit™ protects compression driver from damage without degrading performance.
- Frequency response of 50 Hz - 18 kHz (-3 dB), 45 Hz usable low end (-10 dB).





T55 High-Output Double 15-inch, Two-Way

A perfect speaker for DJs thanks to its solid, punchy bass and tower enclosure.

- Quasi-three way design uses two different EV woofers in separately-tuned, isolated chambers for excellent bass response and midrange definition.
- Professional DH2010A pure titanium compression driver coupled to a 90° x 40° constant-directivity horn for smooth, detailed high-frequency performance.
- PRO circuit™ provides HF driver protection without audible side effects.
- Frequency response of 57 Hz - 20 kHz (-3 dB), 45 Hz usable low-end (-10 dB).
- 98 dB sensitivity (1 watt/1 meter) and 500 watt long-term, 2,000 watt short-term power handling (131.5 dB peak output).
- Two Neutrik Speakon input connectors.



T53 Biampable 15-inch, Three-Way

The sound of the T53 is warm and detailed, thanks to its 10-inch cone midrange and vertical component alignment.

- High-excursion, DL15T woofer, designed for use in a trapezoidal enclosure provides accurate low-frequency performance.
- High-performance, DL10X 10-inch midrange driver housed in its own sub enclosure adds monitor-like warmth and detail.
- Professional DH2010A titanium compression driver coupled to a 90° x 40° Constant-directivity horn for smooth, detailed high-frequency performance.
- PRO circuit™ provides HF driver protection without audible side effects.
- Frequency response of 63 Hz to 20 kHz (-3 dB), 43 Hz usable low end (-10 dB)
- 100 dB sensitivity (1 watt/1 meter) and 300 watt long-term, 1,200 watt short-term power handling (130 dB peak output).
- Biamp power handling is 400 watt long-term, 1,600 watt short-term for the low-frequencies and 200 watt long-term, 800 watts peak for the high-frequencies.
- Neutrik Speakon connectors for biamp or full-range operation and a 1/4-inch connectors included.



T52+ High-Power 15-inch Two-Way

Beautifully balanced sound with solid bass and superb dispersion.

- High-excursion DL15T woofer, designed for optimum performance in a trapezoidal enclosure, provides excellent bass performance.
- Professional DH2010A titanium compression driver coupled to a 90° x 40° constant-directivity horn for smooth, detailed high-frequency performance.
- Frequency response of 55 Hz to 20 kHz (-3 dB), 47 Hz usable response (-10 dB).
- 100.5 dB sensitivity (1 watt/1 meter) and 300 watt long-term, 1,200 watt short-term power handling (131 dB peak output).
- PRO circuit™ provides HF driver protection without audible side effects.
- Integral stand mount.

T22 High Power 12-inch Two-Way

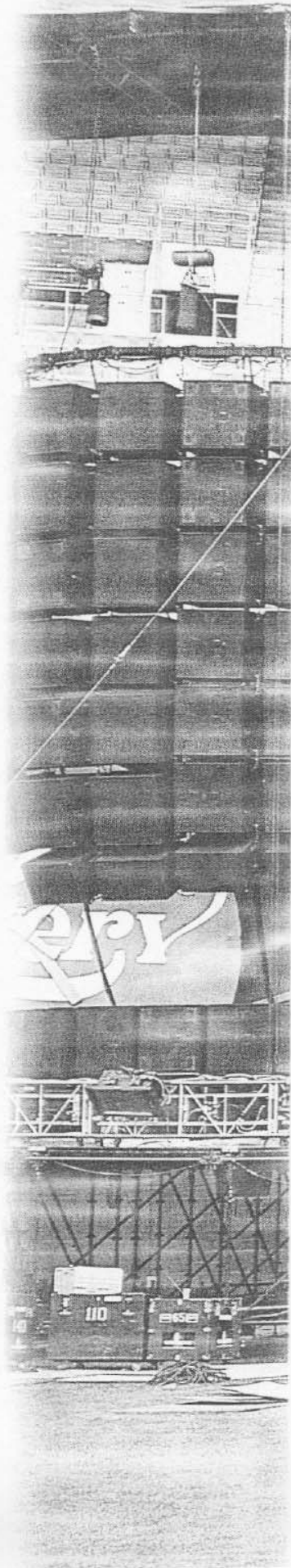
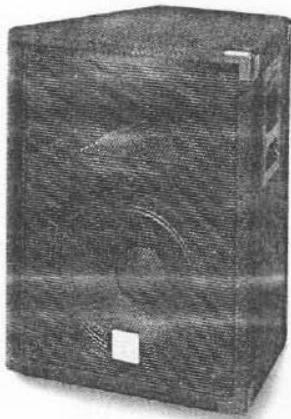
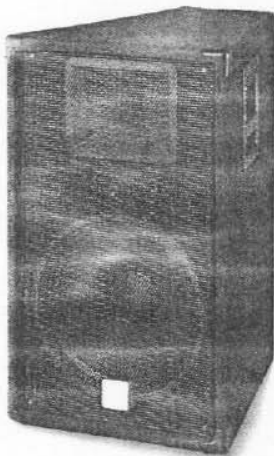
A wide-range compact system with excellent sound quality for instruments and voices, either alone or with subs.

- EV 12-inch woofer with 16-lb magnet structure for high output in a compact enclosure.
- Professional DH2010A titanium compression driver coupled to a 90° x 40° constant-directivity horn.
- PRO circuit™ provides HF driver protection without audible side effects.
- Frequency response of 72 Hz to 20 kHz (-3 dB), 60 Hz usable response (-10 dB).
- 100 dB sensitivity (1 watt/1 meter) and 300 watt long-term, 1,200 watt short-term power handling (130.8 dB peak output).
- Integral stand mount.

T18 18-inch SubScoop™

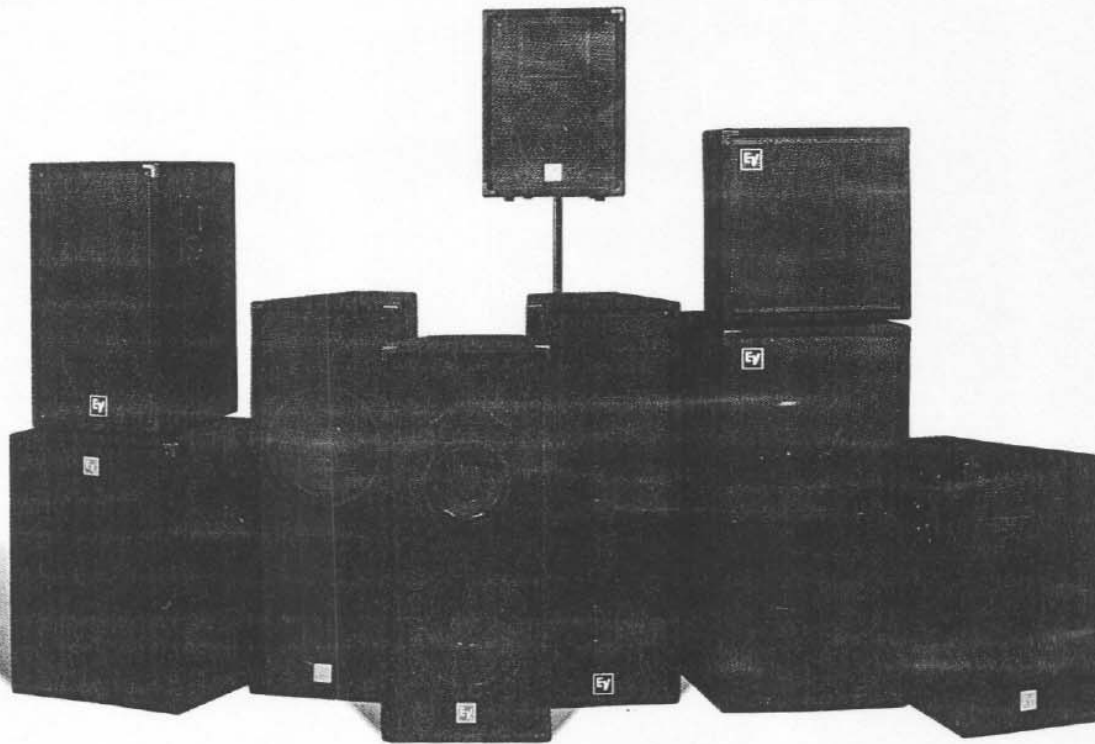
The T18 produces room-filling low-frequency performance in a easy-to-handle package, thanks to its unique enclosure design.

- DL18MT 18-inch Manifold Technology™ woofer with 16-lb magnet structure for chest-kicking bass response.
- Unique SubScoop™ enclosure combines advantages of a vented box with the punch and "throw" of horn-loading.
- 400 watt continuous, 1,600 watt short-term power handling and 99 dB sensitivity (1 watt/1 meter) for 130 dB peak output. Bandpass enclosure rolls off at 250 Hz.
- A 30-inch steel pole is included for mounting EV Stage Systems with 1 3/8-inch stand mount.



SPECIFICATIONS

	Frequency Range	Sensitivity	Power Handling		Nominal Impedance	Coverage	Height	Width	Depth	Weight
			Continuous	Short Term						
T18	45 - 250 Hz 33 Hz (-10 dB)	99 dB	400 watts	1,600 watts	8 ohms	Omni	833 mm 32.8 in.	630 mm 24.8 in.	609 mm 24.0 in.	49.4 kg. 109 lbs.
T22	72 - 20,000 Hz 60 Hz (-10dB)	100 dB	300 watts	1,200 watt	8 ohms	90° x 40°	620 mm 24.4 in.	483 mm 19.0 in.	396 mm 15.6 in.	26.3 kg 58 lbs.
T52+	55 - 20,000 Hz 47 Hz (-10 dB)	101 dB	300 watts	1,200 watts	8 ohms	90° x 40°	805 mm 31.7 in.	488 mm 19.2 in.	602 mm 23.7 in.	33 kg 72 lbs.
T53	63 - 20,000 Hz 43 Hz (-10 dB)	100 dB	300 watts	1,200 watts	8 ohms	90° x 40°	1120 mm 43.9 in.	483 mm 19.0 in.	396 mm 15.6 in.	44.5 kg 98 lbs.
T55	57 - 20,000Hz 45 Hz (-10 dB)	98.5 dB	500 watts	2,000 watts	4 ohms	90° x 40°	1245 mm 49.0 in.	488 mm 19.2 in.	602 mm 23.7 in.	50 kg 109 lbs.
T251	50 - 18,000 Hz 45 Hz (-10 dB)	101 dB	400 watts	1,600 watts	8 ohms	60° x 40°	818 mm 32.2 in.	229 mm 9.0 in.	588 mm 23.6 in.	35.5 kg 78 lbs.
T252	50 - 18,000 Hz 44 Hz (-10 dB)	98 dB	800 watts	3,200 watts	4 ohms	60° x 40°	1245 mm 49.0 in.	488 mm 49.0 in.	599 mm 23.6 in.	54 kg 118 lbs.
MTH-1	160 - 18,000Hz	105 dB	350 watts	1,400 watts	8 ohms	60° x 40°	572 mm 22.5 in.	572 mm 22.5 in.	758 mm 29.9 in.	43 kg 95 lbs.
MTL-1	50 - 250 Hz 45 Hz (-10 dB)	100 dB	800 watts	3,200 watts	4 ohms	Omni	1140 mm 45 in.	572 mm 22.5 in.	758 mm 29.9 in.	83.9 kg 185 lbs.



Electro-Voice®
a MARK IV company

600 Cecil Street

Buchanan, Michigan 49107

Phone 616/695-6831 Fax 616/695-1304 Toll Free 800/234-6831