


A-Line Acoustics

A-Line speaker systems incorporate advanced computer design and production, along with the best components available, to satisfy the needs of today's challenging venues.

Key Features and Benefits

- Advanced computer design and engineering (LMS, LEAP, TEF) – technologically suited for today's music
- Highest quality components – top shelf drivers and parts
- DuraTex™ coated birch plywood construction
- Routed integrated handles – clean finish, ergonomically designed for easier handling
- No circuit boards or solder – Point-to-Point Euroblock Gas-tight Wiring for better reliability and quick, easy servicing.  THE ONLY TOOL NEEDED IS A SCREWDRIVER.
- Threaded steel connector plates for easy, reliable servicing and replacement of connectors
 - EZAL™ (patent pending) rigging system for quick and easy setup
 - Made in USA



PENTAD 90/60 (C410H90/60) Enclosure

With each cabinet handling over 2,000 watts and over 140dB of output, a pair of PENTAD 90/60 (C410H90/60) cabinets, with subs, will easily fill medium and larger sized rooms with powerful sound. Loaded with 4 x 10" proprietary speakers and a 90° or 60° horn with 2" throat, the PENTAD will "rock your socks off"!

LS18/218, DS18/218 Subwoofers

Optimized for flat, linear frequency response from 45–200Hz, the front-loaded LS18 (1x18") and LS218 (2x18") subwoofers are the preferred choice for symphonic, jazz and other musical venues where natural acoustical response is desired. Built to be truck-packing friendly, the low-profile LS218 features separate sealed chambers for greater efficiency and more output. Built-in wheels offer easy maneuverability.

The DS18 (1 x 18") DS218 (2 x 18") subwoofers are dual-tuned at 35Hz and 120Hz to deliver enhanced rising frequency response for punchy hard-hitting contemporary music. The DS218 offers higher efficiency and output and includes built-in wheels.



AL10 & AL8 Line Array Systems

Line-Array speaker systems have become the professional audio standard for delivering greater intelligibility, better fidelity and higher efficiency to reach larger audiences in various acoustical settings. The basic principle is that speaker enclosures are arrayed vertically, rather than horizontally, as was previously commonplace. This vertical alignment of components results in better projection and pattern control with less lobing (aural "dead" spots).

AL10 and AL8 Line Array Systems by A-Line Acoustics offer an excellent choice for club, concert, church and installation venues where powerful performance, compact size and quick and easy setup are desired.

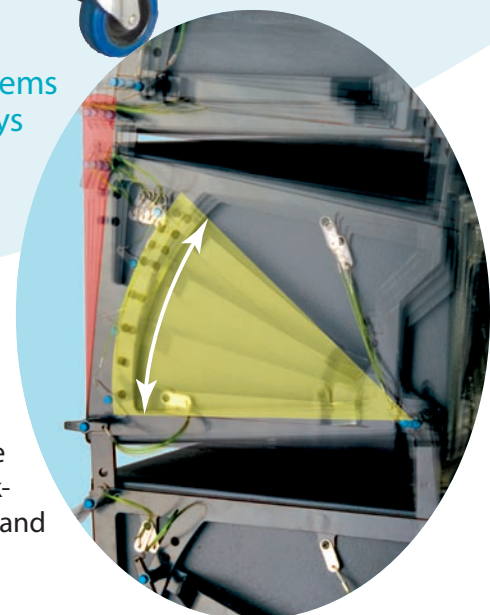
The 2x10" AL10 and 2x8" AL8 enclosures feature Line Source Replication for maximum projection and detail and include dual 4 pin or optional 8 pin Speakon connectors.

Boxes may be stacked up to four high on a specially designed wheel board (WB10/8) for easy transport. Optional integrated stabilizers allow the speaker system to be arrayed six high and operated on the board from the ground when flying is not possible. Four stacked wheel boards (4 high up to 16 boxes) can be loaded inside the width of a standard trailer and take up about three feet in length.



Meet EZAL™ – Unlike other rigging systems EZAL™ makes adjusting A-Line line arrays under load quick and simple.

Adjusting line array systems can be a tedious, cumbersome and laborious process. A-Line Acoustics meets the challenge with an exclusive patent pending EZAL™ (Easy Alignment) system, which allows one or two people to easily position each enclosure from 0-19 degrees while flying or stacked. All AL10 and AL8 enclosures include integrated EZAL™ hardware consisting of left and right side mounted brackets with a specially designed lever adjustment and four set pins for precise positioning.



CX110 and CX112 Coaxial Combination Cabinets

Finally, a high performance coaxial-loaded stage monitor that takes up about as much space as a pair of shoes, yet delivers quality sound to put a smile on any singer's face. The CX110 (10") and CX112 (12") set a new standard for high output quality from coaxial speakers. The specially designed crossover smoothes out the inherent component interaction problems normally found in coaxial drivers while taking advantage of their superb point source characteristics. The result is higher output studio-like audio. Enclosures may be angled for monitoring up-close or farther away. Also featured are dual Speakon connectors at each end and an adapter for stand mounting.

CM115H, CM112H, CM212H (Bigfoot) Combination Cabinets

High efficiency two-way enclosures designed for floor monitoring, side-fill or FOH applications, A-Line combination cabinets incorporate large diaphragm high frequency drivers for greater presence and audio quality to meet the needs of demanding professional performers. CM115H/112H includes flush-mounted adapters for easy stand mounting. CM212H (Bigfoot) features a 1.4" rotatable horn mounted between dual 12" B&C drivers. The speakers and box are specially tuned for better low frequency response while reducing driver interference for maximum gain before feedback with microphones.

A-Line Product Specifications

MODEL	CX110/110E	CX112	CM112WG	CM112H	CM212H	CM115H	C410H90	AL8	AL10	DT18	LS18	DT218	LS218
Configuration	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way line array	2-way line array	1x18" sub	1x18" sub	2x18" sub	2x18" sub
Power W*	350	350	700	700	1400	700	2000	160/1000	160/800	1400 W	1400 W	2800 W	2800 W
Imp HF/LF	8	8	8	8	4	8	8	16/8	16/8	8	8	4	4
Sensitivity †	91	93	95	95	97	95	100	105/98	108/101	97	97	100	100
Max SPL	115	118	121	121	128	121	140	125/125	129/129	133	130	136	133
Freq. Resp.	90-18k	80-18k	75-18k	75-18k	65-18k	70-18k	70-18k	75-18k	75-18k	40-200	45-200	40-200	45-200
X-over Freq.	1,200	1,200	1,200	1,200	1,200	800	800	1,200	800	100-150	80-150	100-150	80-150
HF Type	Coaxial	Coaxial	Conical	Horn	Rot. Horn	Rot. Horn	Horn	LSR	LSR	NA	NA	NA	NA
HF Driver / Disp	70	70	95	55 x85	80 x 60	80 x 60	90 x 40	155	90	NA	NA	NA	NA
LF Driver	10	12	12	12	2 x 12	15	4 x 10	2 x 8	2 x 10	18	18	2 x 18	2 x 18
Connectors	4 x NL4	4 x NL4	4 x NL4	4 x NL4	4 x NL4	4 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4
HxWxD (in)	14.8 x 12.6 x 12.9	16.6 x 14.9 x 13.4	16.6 x 14.9 x 25.2	16.6 x 14.9 x 25.2	16.6 x 14.9 x 38.8	29.2 x 17.8 x 13.6	33.8 x 23.2 x 14.3	10.5 x 19.8 x 15	12.6 x 36.2 x 16	22.8 x 27.3 x 22.5	20.8 x 23.8 x 22.3	44.1 x 27.25 x 22.5	39.8 x 23.8 x 22.3
HxWxD (cm)	376 x 320 x 328	422 x 378 x 340	422 x 378 x 640	422 x 378 x 640	422 x 378 x 986	742 x 452 x 345	859 x 589 x 363	267 x 503 x 381	320 x 919 x 406	579 x 693 x 672	528 x 604 x 566	1120 x 693 x 572	1011 x 605 x 566
Wt (lbs/kg)	27/12.2	34/15.4	47/21.3	47/21.3	78/35.4	57/25.9	124/56.2	63/28.6	82/37.2	87/39.5	75/34.0	174/79.1	138/62.5

* Watts - Program
† dB@1W/1m

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*Powerful Performance Systems
for Discerning Ears*