VLA Series

Variable Line Array Loudspeakers

key features

- HORN-LOADED LINE ARRAY
- STANDARD & HIGH-OUTPUT VERSIONS AVAILABLE
- COMBINES PD700 & VT TECHNOLOGIES

VLA SERIES
variable line array

Variable Line Array Series (VLA Series) is a revolutionary product providing high-impact sound reinforcement at throw distances beyond the reach of traditional loudspeaker designs. The modular design concept provides the system designer the ability to build large line array systems for larger venue applications or to design smaller line array systems for use as distributed clusters in arenas, domed stadiums and larger performance spaces, including large houses of worship.

VLA is designed specifically for permanent installation applications where even coverage, intelligibility, and levels capable of overcoming crowd noise are required.

VLA modules are based on the same advanced engineering used in the highly successful VERTEC® Series line array systems. VLA provides six large format horn-loaded modules with three horizontal horn coverage patterns (30°, 60°, & 90°). This modular concept provides the designer the additional flexibility to vary the horizontal pattern within a vertical array by incorporating different modules with wider or narrower coverage patterns while still maintaining the vertical directivity.

	VLA301	VLA301H	VLA601	VLA601H	VLA901	VLA901H
SYSTEM TYPE	Three-way Full Range Loudspeaker	High Output Three-Way Full Range Loudspeaker	Three-way Full Range Loudspeaker	High Output Three-Way Full Range Loudspeaker	Three-way Full Range Loudspeaker	High Output Three-Way Full Range Loudspeaker
FREQUENCY RESPONSE[1]	58 Hz - 12 kHz (± 3 dB)	58 Hz - 12 kHz (± 3 dB)	58 Hz - 12 kHz (± 3 dB)	58 Hz - 12 kHz (± 3 dB)	58 Hz - 12 kHz (± 3 dB)	58 Hz - 12 kHz (± 3 dB)
HORIZONTAL COVERAGE	30°	30°	60°	60°	90°	90°
SENSITIVITY[4]: 1 W, 1 m LF/MF/HF	100/111/120 dB SPL	100/111/119 dB SPL	100/109/117 dB SPL	100/110/117 dB SPL	99/106/115 dB SPL	99/108/115 dB SPL
NOMINAL IMPEDANCE LF/MF/HF	4 ohms/4 ohms/ 16 ohms	4 ohms/8 ohms/ 4 ohms	4 ohms/4 ohms/ 16 ohms	4 ohms/8 ohms/ 4 ohms	4 ohms/4 ohms/ 16 ohms	4 ohms/8 ohms/ 4 ohms
SYSTEM POWER RATING[2]: LF	1600 W (6400 W peak), 2 hrs. 1200 W (4800 W peak), 100 hrs.	1600 W (6400 W peak), 2 hrs. 1200 W (4800 W peak), 100 hrs.	1600 W (6400 W peak), 2 hrs. 1200 W (4800 W peak), 100 hrs.	1600 W (6400 W peak), 2 hrs. 1200 W (4800 W peak), 100 hrs.	1600 W (6400 W peak), 2 hrs. 1200 W (4800 W peak), 100 hrs.	1600 W (6400 W peak), 2 hrs. 1200 W (4800 W peak), 100 hrs.
MF	700 W (2800 W peak), 100 hrs.	1400 W (5600 W peak), 100 hrs.	700 W (2800 W peak), 100 hrs.	1400 W (5600 W peak), 100 hrs.	700 W (2800 W peak), 100 hrs.	1400 W (5600 W peak), 100 hrs.
HF	225 W (900 W peak), 2 hrs.	450 W (1800 W peak), 2 hrs.	225 W (900 W peak), 2 hrs.	450 W (1800 W peak), 2 hrs.	225 W (900 W peak), 2 hrs.	450 W (1800 W peak), 2 hrs.
MAXIMUM SPL[3]: LF	132 dB SPL continuous average	132 dB SPL continuous average	132 dB SPL continuous average	132 dB SPL continuous average	131 dB SPL continuous average	131 dB SPL continuous average
MF	139 dB SPL continuous average	142 dB SPL continuous average	137 dB SPL continuous average	141 dB SPL continuous average	134 dB SPL continuous average	139 dB SPL continuous average
HF	142 dB SPL continuous average	146 dB SPL continuous average	141 dB SPL continuous average	144 dB SPL continuous average	139 dB SPL continuous average	142 dB SPL continuous average
TRANSDUCERS: LF	2 x 2226H (380 mm/ 15 in)	2 x 2226H (380 mm/ 15 in)	2 x 2226H (380 mm/ 15 in)	2 x 2226H (380 mm/ 15 in)	2 x 2226H (380 mm/ 15 in)	2 x 2226H (380 mm/ 15 in)
MF	2 x CMCD82H (200 mm/8 in cone)	4 x CMCD82H (200 mm/8 in cone)	2 x CMCD82H (200 mm/8 in cone)	4 x CMCD82H (200 mm/8 in cone)	2 x CMCD82H (200 mm/8 in cone)	4 x CMCD82H (200 mm/8 in cone)
HF	3 x 2431H (38 mm/ 1½ in)	6 x 2431H (38 mm/ 1½ in)	3 x 2431H (38 mm/ 1½ in)	6 x 2431H (38 mm/ 1½ in)	3 x 2431H (38 mm/ 1½ in)	6 x 2431H (38 mm/ 1½ in)
ENCLOSURE	12-ply birch plywood	12-ply birch plywood	12-ply birch plywood	12-ply birch plywood	12-ply birch plywood	12-ply birch plywood
FINISH	DuraFlex™	DuraFlex™	DuraFlex™	DuraFlex™	DuraFlex™	DuraFlex™
INPUT CONNECTORS	Neutrik Speakon® NL8 Plus covered barrier strip	Neutrik Speakon® NL8 Plus covered barrier strip	Neutrik Speakon® NL8 Plus covered barrier strip	Neutrik Speakon® NL8 Plus covered barrier strip	Neutrik Speakon® NL8 Plus covered barrier strip	Neutrik Speakon® NL8 Plus covered barrier strip
DIMENSIONS (H x W x D)	533 x 1351 x 1384 mm 21.0 x 53.2 x 54.5 in	533 x 1351 x 1384 mm 21.0 x 53.2 x 54.5 in	533 x 1351 x 772 mm 21.0 x 53.2 x 30.4 in	533 x 1351 x 772 mm 21.0 x 53.2 x 30.4 in	533 x 1351 x 640 mm 21.0 x 53.2 x 25.2 in	533 x 1351 x 640 mm 21.0 x 53.2 x 25.2 in
NET WEIGHT (each)	140 kg (309 lb)	155 kg (342 lb)	102 kg (225 lb)	116 kg (256 lb)	96 kg (211 lb)	109 kg (241 lb)

[1] *With recommended active tuning. (Digital signal processing is required in order to achieve specified performance.)*

[2] *AES standard, one decade pink noise with 6 dB crest factor within device's operational band, free air. Standard AES ratings are specified for low-frequency transducers.*

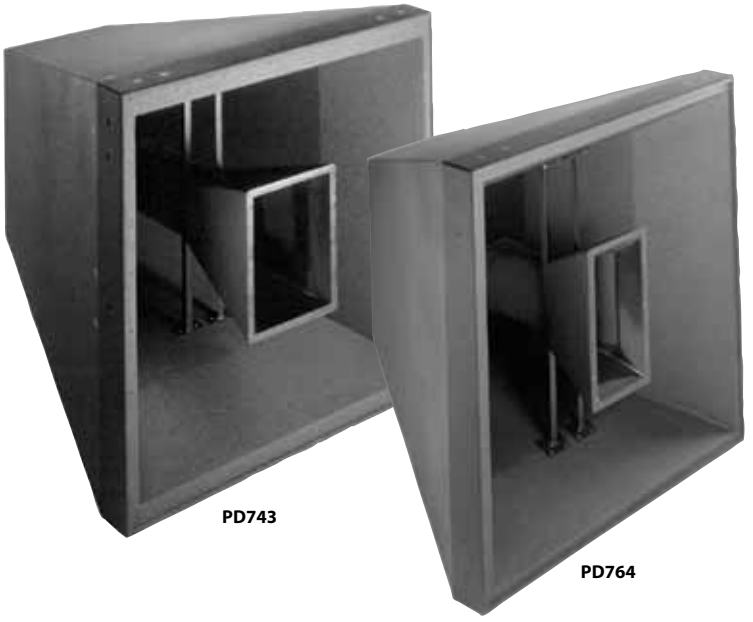
[3] *Calculated based on power rating and sensitivity.*

[4] *Anechoic sensitivity in free field, no additional sensitivity gains from boundary loading.*

Precision Directivity® PD700

key features

- FSA™ FORWARD STEERED ARRAY ENCLOSURE CONFIGURATIONS
- PATTERN CONTROL MAINTAINED WELL BELOW 400 Hz



PD743

PD764

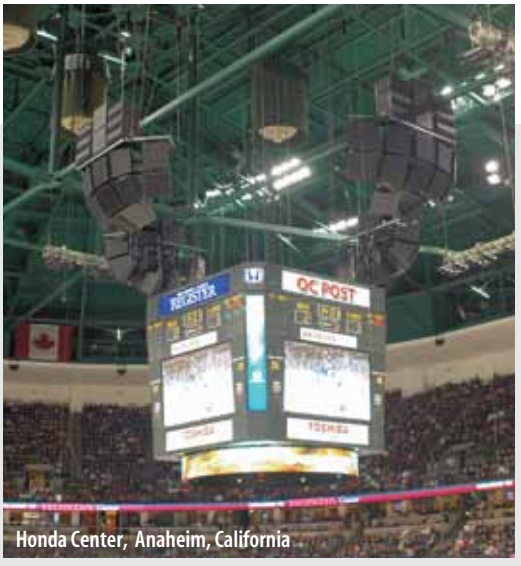
One of the challenges in large arenas, stadiums, houses of worship and performance spaces is to provide quality sound to every seat with the volume and clarity demanded by today's concert, sporting and special events. JBL Professional's Precision Directivity® (PD) line of speakers uses a full range, full bandwidth total system approach that allows contractors and consultants to design a fully integrated sound system solving the audio challenges inherent to these types of large installations.

PD743 (40° x 30°) AND PD764 (60° x 40°)

The PD743 and PD764 mid-high loudspeaker systems provide high-impact sound reinforcement at throw distances that are beyond the reach of traditional single-driver designs. A single module produces greater than 104 dB SPL (continuous) at distances of 65 m (215 ft) with a 40° by 30° coverage pattern (PD743) or a 60° by 40° coverage pattern (PD764). These systems may be used in arrays with other PD Series modules or singly as part of a distributed system.

specifications

	PD743	PD764
SYSTEM TYPE	Mid High Loudspeaker System	Mid High Loudspeaker System
FREQUENCY RANGE	150 Hz - 17 kHz (-10 dB)	150 Hz - 17 kHz (-10 dB)
FREQUENCY RESPONSE	200 Hz - 15 kHz (± 3 dB)	200 Hz - 15 kHz (± 3 dB)
NOMINAL COVERAGE	40° x 30° (H x V)	60° x 40° (H x V)
SENSITIVITY (1 W, 1 m)	MF:111 dB, HF: 118 dB	MF:109 dB, HF: 116 dB
NOMINAL IMPEDANCE	MF:8 ohms, HF: 16 ohms	MF:8 ohms, HF: 16 ohms
INPUT POWER RATING	MF:700 W, AES; 2800 W peak HF:150 W, AES; 600 W peak	MF:700 W, AES; 2800 W peak HF:150 W, AES; 600 W peak
TRANSDUCERS	2 x 2250J (203 mm/8 in) 2 x 2430H (75 mm/3 in)	2 x 2250J (203 mm/8 in) 2 x 2430H (75 mm/3 in)
ENCLOSURE	Dual Trapezoidal 25° V, 35° H	Dual Trapezoidal 35° V, 55° H
FINISH	Black DuraFlex™	Black DuraFlex
INPUT CONNECTORS	1 x NL4 Neutrik® Speakon®	1 x NL4 Neutrik Speakon
DIMENSIONS (H x W x D)	991 x 991 x 1146 mm 39 x 39 x 45.1 in	991 x 991 x 883 mm 39 x 39 x 34.75 in
NET WEIGHT (each)	111.4 kg (245 lb)	97.7 kg (215 lb)



Honda Center, Anaheim, California

Precision Directivity® PD5000 Series

The PD5000 Series joins JBL's broad lineup of installed sound loudspeakers, complementing the larger PD700 mid-high cabinets with a more compact size and supplementing the smaller AE Series cabinets with higher SPL capability and larger horns for pattern control to a lower frequency.The PD5000 Series loudspeakers deliver high power and constant coverage in a low profile form.

Featured across the PD5000 Series, are 24 by 24 inch PT™ Progressive Transition mid-frequency rotatable waveguides that provide versatility, excellent pattern control with low distortion and extremely natural sound character. This is an evolution of the waveguide technology of the successful JBL Professional Application Engineered™ (AE) install series. Also incorporating sophisticated, steep-slope passive crossover networks minimize band overlap, further enhancing off-axis pattern control. User accessible internal switches allow for a fully active crossover.

PD5200/43 (40° x 30°)
PD5200/64 (60° x 40°)
PD5200/95 (90° x 50°)

The PD5200 Series Precision Directivity mid-high frequency loudspeakers are designed for applications requiring high output capability with excellent pattern control.

The CMCD-82H cone midrange compression driver consists of a driver/phasing plug assembly providing high output with low distortion. CMCD-82H's extended response allows for smoother transition to the high frequency driver and the smaller entrance diameter into the waveguide provides for better pattern control. The internal 200 mm (8 inch) CMCD-82H features a high power neodymium Differential Drive® dual voice coil design. The 2431H large format high frequency compression driver utilizes a neodymium magnet and aluminum diaphragm to deliver clear and intelligible high frequency projection, extended frequency response, and low distortion at even the highest drive levels.

PD5212/43 (40° x 30°)
PD5212/64 (60° x 40°)
PD5212/95 (90° x 50°)

The PD5212 Series Precision Directivity full range two-way loudspeakers are designed for applications requiring high output capability with excellent pattern control. The speakers can be utilized alone in music or speech systems where frequency extension to 80 Hz is adequate or combined with subwoofers to create extended bandwidth full range systems.

The M222-8A 300 mm (12 in) low frequency transducer features high sensitivity and low power compression for high continuous SPL capability. It is horn-loaded for additional sensitivity and improved pattern control. A newly designed low frequency phasing plug extends frequency response, providing smoother transition to the high frequency driver. The 2451H-1 large format high frequency compression driver utilizes a neodymium magnet and pure titanium diaphragm to deliver clear and intelligible high frequency projection, extended frequency response, and low distortion at even the highest drive levels.

PD5322/43 (40° x 30°)
PD5322/64 (60° x 40°)
PD5322/95 (90° x 50°)

The PD5322 Precision Directivity full range, three way loudspeakers are designed for applications requiring high output sensitivity with excellent pattern control. They can be utilized standalone in demanding music or speech systems where low frequency extension to 40 Hz is required.

The low frequency section features two 2206H 300 mm (12 in) VGC™ Vented Gap Cooled low frequency transducers featuring high sensitivity and low power compression for high continuous SPL capability. A newly designed loading plate covering the slot loaded low frequency tranducers provides the highest possible sensitivity, low frequency output and system reliability.

The mid and high frequency sections are hornloaded for additional low-mid and midrange sensitivity and improved pattern control. The CMCD-82H cone midrange compression driver consists of a driver/phasing plug assembly providing high output with low distortion. The integral 200 mm (8 in) cone driver features a high power neodymium Differential Drive® dual, voice coil design. The 2431H large format high frequency compression driver utilizes a neodymium magnet and aluminum diaphragm to deliver clear and intelligible high frequency projection, extended frequency response, and low distortion at even the highest drive levels.

PD5122

The PD5122 is intended for use as a flown or ground supported, high power low frequency module used in conjunction with mid/high-only or full range systems of the PD5000 series to construct arrays with extended low frequency pattern control.

Low frequency transducers are the 2206H 300 mm (12 in) VGC™ Vented Gap Cooled drivers. They deliver excellent low frequency extension with minimal power compression and low distortion plus high sensitivity and power handling.

PD5125

The PD5125 is a high power low frequency loudspeaker comprised of two 380 mm (15 in) VGC Vented Gap Cooled low frequency drivers in a front-loaded, vented configuration. Though it is intended for use as a flown or ground supported, high power low frequency module used in conjunction with mid/high or full range systems of the PD5000 and PD700 series, the PD5125 will perform well in any application where high output low bass is required.

Low frequency transducers are the 2226H 380 mm (15 in) VGC Vented Gap Cooled drivers. They deliver excellent low frequency extension with minimal power compression and low distortion plus high sensitivity and power handling. Large vent area assures minimal port compression and low distortion at high output levels.

PD5000 Series loudspeaker inputs include both Speakon® and CE-compliant covered barrier strips. The cabinets are fitted with twenty M10 threaded suspension points, supporting a wide variety of installation approaches. All cabinets are constructed with 11 ply birch and finished with black DuraFlex™.

key features

PD5000 Series

- CLEAR, INTELLIGIBLE HIGH FREQUENCY PROJECTION
- LARGE PT™ PROGRESSIVE TRANSITION WAVEGUIDES FOR PATTERN CONTROL, LOW DISTORTION AND SMOOTH RESPONSE
- ROTATABLE WAVEGUIDES FOR HORIZONTAL OR VERTICAL CABINET ORIENTATION
- INTEGRAL, SOPHISTICATED STEEP-SLOPE PASSIVE CROSSOVER NETWORKS WITH BIAMP/ PASSIVE SWITCHABLE CROSSOVER MODES
- TWO FULLY-COMPATIBLE LOW FREQUENCY LOUDSPEAKERS FOR INSTALLATION VERSATILITY

PD5200/43, PD5200/64 (shown)
PD5200/95

PD5212/43 (shown), PD5212/64
PD5212/95

PD5322/43, PD5322/64
PD5322/95 (shown)

specifications

	PD5200/43	PD5200/64	PD5200/95	PD5212/43	PD5212/64	PD5212/95
SYSTEM TYPE	Mid-High Frequency	Mid-High Frequency	Mid-High Frequency	Two-Way Full-Range	Two-Way Full-Range	Two-Way Full-Range
FREQUENCY RANGE [1]	200 Hz - 18 kHz (-10 dB)	200 Hz - 18 kHz (-10 dB)	200 Hz - 18 kHz (-10 dB)	80 Hz - 18 kHz (-10 dB)	80 Hz - 18 kHz (-10 dB)	80 Hz - 18 kHz (-10 dB)
FREQUENCY RESPONSE	240 Hz - 16 kHz (± 3 dB)	240 Hz - 16 kHz (± 3 dB)	240 Hz - 16 kHz (± 3 dB)	90 Hz - 16 kHz (± 3 dB)	90 Hz - 16 kHz (± 3 dB)	90 Hz - 16 kHz (± 3 dB)
SYSTEM SENSITIVITY: 1 W, 1m	111 dB SPL (Passive Mode)	110 dB SPL (Passive Mode)	109 dB SPL (Passive Mode)	109 dB SPL (Passive Mode)	107 dB SPL (Passive Mode)	106 dB SPL (Passive Mode)
NOMINAL COVERAGE	40° x 30°	60° x 40°	90° x 50°	40° x 30°	60° x 40°	90° x 50°
TRANSDUCER POWER RATING (AES) [2]	MF: 350 W (1400 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	MF: 350 W (1400 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	MF: 350 W (1400 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	LF: 400 W (1600 W pk), 2 hrs LF: 300 W (1200 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	LF: 400 W (1600 W pk), 2 hrs LF: 300 W (1200 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	LF: 400 W (1600 W pk), 2 hrs LF: 300 W (1200 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs
LONG-TERM [3] LF POWER RATING (IEC): MF/HF	300 W (1200 W peak), 100 hrs	300 W (1200 W peak), 100 hrs	300 W (1200 W peak), 100 hrs	300 W (1200 W peak), 100 hrs	300 W (1200 W peak), 100 hrs	300 W (1200 W peak), 100 hrs
MAXIMUM SPL: [4] LF				137 dB SPL (143 dB peak)	135 dB SPL (143 dB peak)	134 dB SPL (140 dB peak)
Cont. Avg. MF	137 dB SPL (143 dB peak)	135 dB SPL (141 dB peak)	134 dB SPL (140 dB peak)			
HF	135 dB SPL (141 dB peak)	135 dB SPL (141 dB peak)	133 dB SPL (139 dB peak)	135 dB SPL (141 dB peak)	135 dB SPL (141 dB peak)	133 dB SPL (139 dB peak)
PASSIVE MODE: MF/HF	136 dB SPL (142 dB peak)	135 dB SPL (141 dB peak)	133 dB SPL (139 dB peak)	134 dB SPL (140 dB peak)	132 dB SPL (138 dB peak)	131 dB SPL (137 dB peak)
ENCLOSURE	Trapezoidal, 12.5° side angles	Trapezoidal, 12.5° side angles	Trapezoidal, 12.5° side angles	Trapezoidal, 12.5° side angles	Trapezoidal, 12.5° side angles	Trapezoidal, 12.5° side angles
DIMENSIONS (H x W x D)	991 x 673 x 897 mm 39.0 x 26.5 x 35.3 in	991 x 673 x 706 mm 39.0 x 26.5 x 27.8 in	991 x 673 x 706 mm 39.0 x 26.5 x 27.8 in	991 x 673 x 897 mm 39.0 x 26.5 x 35.3 in	991 x 673 x 706 mm 39.0 x 26.5 x 27.8 in	991 x 673 x 706 mm 39.0 x 26.5 x 27.8 in
NET WEIGHT (each)	69.0 kg (152 lb)	58.8 kg (130 lb)	58.8 kg (130 lb)	75.5 kg (175 lb)	69.0 kg (152 lb)	69.0 kg (152 lb)

	PD5322/43	PD5322/64	PD5322/95	PD5122	PD5125
SYSTEM TYPE	Three-Way Full-Range	Three-Way Full-Range	Three-Way Full-Range	Slot-Loaded Low Frequency	Dual 15" Low Frequency
FREQUENCY RANGE [1]	41 Hz - 17 kHz (-10 dB)	41 Hz - 17 kHz (-10 dB)	41 Hz - 17 kHz (-10 dB)	41 Hz - 1 kHz (-10 dB)	37 Hz - 2.5 kHz (-10 dB)
FREQUENCY RESPONSE	49 Hz - 15 kHz (±3 dB)	49 Hz - 15 kHz (±3 dB)	49 Hz - 15 kHz (±3 dB)	49 Hz - 300 Hz (±3 dB)	42 Hz - 2.1 kHz (±3 dB)
SYSTEM SENSITIVITY: 1 W, 1m	111 dB SPL (Passive Mode)	110 dB SPL (Passive Mode)	109 dB SPL (Passive Mode)	96 dB (60 Hz - 250 Hz) [5]	103 dB (50 Hz - 125 Hz) [5]
NOMINAL COVERAGE	40° x 30°	60° x 40°	90° x 50°		
TRANSDUCER POWER RATING (AES) [2]	LF: 1600 W (6400 W pk), 2 hrs LF: 1200 W (4800 W pk), 100 hrs MF: 350 W (1400 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	LF: 1600 W (6400 W pk), 2 hrs LF: 1200 W (4800 W pk), 100 hrs MF: 350 W (1400 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	LF: 1600 W (6400 W pk), 2 hrs LF: 1200 W (4800 W pk), 100 hrs MF: 350 W (1400 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs	1600 W (6400 W pk) 2 hrs [2]	1600 W (6400 W pk) 2 hrs [2]
LONG-TERM [3] LF POWER RATING (IEC): MF/HF	1200 W (4800 W pk) 300 W (1200 W pk), 100 hrs	1200 W (4800 W pk) 300 W (1200 W pk), 100 hrs	1200 W (4800 W pk) 300 W (1200 W pk), 100 hrs	1200 W (4800 W pk), 100 hrs [6]	1200 W (4800 W pk), 100 hrs [6]
MAXIMUM SPL: [4] LF	128 dB SPL (134 dB peak)	128 dB SPL (134 dB peak)	128 dB SPL (134 dB peak)	128 dB SPL (134 dB pk) [4]	136 dB SPL (142 pk) (50 Hz - 125 Hz) [4]
Cont. Avg. MF	137 dB SPL (143 dB peak)	135 dB SPL (141 dB peak)	134 dB SPL (140 dB peak)		
HF	135 dB SPL 141 dB peak)	135 dB SPL (141 dB peak)	133 dB SPL 139 dB peak)		
PASSIVE MODE: MF/HF	136 dB SPL (142 dB peak)	135 dB SPL (141 dB peak)	134 dB SPL (140 dB peak)		
ENCLOSURE	Trapezoidal, 15° side angles	Trapezoidal, 15° side angles	Trapezoidal, 15° side angles	Trapezoidal, 15° side angles	Trapezoidal, 10° side angles
DIMENSIONS (H x W x D)	991 x 673 x 897 mm 39.0 x 26.5 x 35.3 in	991 x 673 x 706 mm 39.0 x 26.5 x 27.8 in	991 x 673 x 706 mm 39.0 x 26.5 x 27.8 in	357 x 673 x 706 mm 14.1 x 26.5 x 27.8 in	991 x 476 x 691 mm 39 x 18.75 x 27.2 in
NET WEIGHT (each)	87.3 kg (192 lb)	77 kg (170 lb)	77 kg (170 lb)	36.4 kg (80 lb)	53.4 kg (118 lb)

[1] In bi-amp mode, with recommended active tuning.

[2] AES standard, one decade pink noise with 6 dB crest factor within device's operational band, free air. Standard AES 2 hr rating plus long-term 100 hr rating are specified for low-frequency transducers.

[3] IEC standard, full bandwidth pink noise with 6 dB crest factor, 100 hours, passive mode.

[4] Calculated based on power rating and sensitivity, exclusive of power compression.

[5] Anechoic sensitivity in free field, no additional sensitivity gains from boundary loading.

[6] AES standard, one decade pink noise with 6 dB crest factor, in cabinet, long-term 100 hr rating.

Application Engineered™ Series

AE Series loudspeakers are ideal for a wide variety of fixed installation applications including performing arts facilities, theatrical sound design, auditoriums, houses of worship, live music clubs, dance-clubs/discotheques, sports facilities and themed entertainment venues. The special mid-high frequency models can be used without LF reinforcement in voice-only PA and delay-fill applications. The smaller models are ideal in lecture halls and corporate learning centers as well as in delay-fill locations of larger systems.

Scaled System Design Approach

AE Series models provide a wide variety of building blocks for your system design, stair-stepped to give you just the right solution for your installation.

Within the AE Series are three power levels. The high output level models are found in the 7000 and 6000 Series, the medium output models are found in the 5000 and 4000 Series, and the lower output power level is found in the 2000 Series.

Waveguide Scaling

Sometimes you need maximum pattern control. Other times the speaker needs to be as compact as possible. [AM] models are performance-maximized for the greatest pattern control. [AC] models are compact speakers that fit in areas where a smaller frontal profile is required.

Selectable Crossover Mode

Many AE Series speakers offer selectable crossover modes: tri-amp/bi-amp or bi-amp/ passive switchable.

Sophisticated Crossover Networks

AE Series models incorporate sophisticated cross-over designs for outstanding sound quality and consistent coverage. To minimize overlap between adjacent frequency bands, steep slopes are utilized in passive crossovers — most are 4th order (24 dB/octave). This reduces off-axis lobing, providing consistent coverage throughout the crossover region. Conjugate networks are added in some models to fine tune the frequency response for optimum sound quality.

There are 9 high-power 2-way full-range models. Four are shown here and five on the following page.

AE SERIES
application engineered

Rotatable Waveguides

The space often dictates how a speaker needs to be oriented. All [AM] two-way and three-way models include a rotatable waveguide, allowing the speaker to be installed in either vertical or horizontal orientation.

Versatile Model Options

All AE Series speakers are available in several versions for matching décor or for outdoor use. Any model can be finished in white (-WH) or left unfinished and ready to paint (-UF). Additionally, two degrees of weather resistance are available. For many environments the basic weather resistance option (-WRC) is suitable. An extra thick DuraFlex™ coating, multilayer grille and component treatments provide excellent environmental protection. For extreme environments, with high humidity and/or rapid temperature cycling, a maximum weather treatment (-WRX) adds a full fiberglass covering of the cabinet. AE Series brackets and overhead suspension accessories are also available.

Legendary JBL Transducers

AE Series incorporates the legendary reliability of JBL's VGC™ Vented Gap Cooled drivers, augmented by today's new generation of JBL compression drivers and neodymium Differential Drive® cone transducers. Where reliability is important, JBL transducers are known as the best, most reliable drivers in the business.

Differential Drive® Technology

JBL's exclusive dual voice coil – dual gap Differential Drive technology is at the core of AM5212, AM5215, AM7212, AM7215, AM7315, AM7200 and AL7115 as well as the ASB6112, ASB6115, ASB6125, ASB7118 and ASB7128 subwoofer models. Patented in 1995, this groundbreaking JBL technology dramatically reduces driver weight while greatly enhancing all critical performance parameters: frequency response, power output, and distortion.

The Differential Drive technology features a unique design with heat sinks integrated into the cast aluminum frame. The dual voice coil and dual gap places the neodymium magnets inside the dual voice coil assembly, completing the magnetic circuit without the heavy surrounding steel structure of conventional drivers.

PT™ Progressive Transition Waveguides

JBL's new patent pending Progressive Transition Waveguides represent the latest in horn technology. In addition to providing smooth, low distortion sound, PT Waveguides deliver uniform off-axis frequency response to every point within the intended coverage area — not just in the horizontal and vertical planes — resulting in superior array-ability of multiple loudspeaker systems. PT Waveguides combine outstanding pattern control with undistorted sound for natural music and intelligible speech.

CMCD™ Cone Midrange Compression Drivers

Incorporated into all cone midrange models — patented CMCD technology is more than a simple displacement plug. In addition to providing increased output and lower distortion, this cone-based true compression driver design extends operational bandwidth (both up and down in frequency) to cover the entire vocal range seamlessly, allows for better waveguide pattern control, and improves phase coherency of the midrange signal for clearer, more intelligible audio quality.

key features

- VERSATILE SCALED SYSTEM APPROACH
- VGC™ DRIVERS AND DIFFERENTIAL DRIVE® CONE TRANSDUCERS
- PT™ PROGRESSIVE TRANSITION WAVEGUIDES FOR EXCELLENT PATTERN CONTROL

2432H 75mm (3") voice coil, 1.5" exit compression driver is used all AM7200, AM7315, AM7212 and AM7215 Models

Large mouth rotatable Progressive Transition™ waveguides for precise directivity control are used in all AM5212, AM5215, AM7212, and AM7215 models

JBL's patented dual voice coil – dual gap Differential Drive technology is at the core of all AM5000 and AM7000 Series loudspeaker systems.

AE SERIES
application engineered

AM7315/xx

AM7200/xx

AM | Maximized 3-Way

	AM7315/95 & /64	AM7200/95 & /64
SYSTEM TYPE	High-power Three-way	High-power Mid-high
FREQUENCY RANGE	38 Hz - 20 kHz (-10 dB)	260 Hz - 20 kHz (-10 dB)
FREQUENCY RESPONSE	45 Hz - 18 kHz (± 3 dB)	330 Hz - 20 kHz (± 3 dB)
NOMINAL COVERAGE	AM7315/95 - 90° x 50° AM7315/64 - 60° x 40°	AM7200/95 - 90° x 50° AM7200/64 - 60° x 40°
TRANSDUCER POWER RATING(AES) LF MF HF	1000W 350W 100W	 350W 100W
LONG-TERM POWER RATING(IEC): LF MF/HF	600W (2400W peak) 200W (800W peak)	200W (800W peak)
MAXIMUM SPL [1]: LF MF HF BI-AMP MODE: MF/HF	126/132 dB 133/139 dB 133/139 dB 133/139 dB	133/139 dB 133/139 dB
SELECTABLE CROSSOVER MODES	Bi-amp/Tri-amp	Bi-amp/Passive
SUSPENSION	13 points	13 points
DIMENSIONS (H x W x D)	967 x 561 x 657 mm 38.1 x 22.1 x 25.9 in	548 x 561 x 657 mm 21.6 x 22.1 x 25.9 in
NET WEIGHT (each)	45.8 kg (101 lb)	27.2 kg (60 lb)

AM7212/xx

AM7215/xx

AM5212/xx

AM5215/xx

AM | Maximized 2-Way

	AM7212/64-66-95-00-26	AM7215/64-66-95-26	AM5212/64-66-95-00-26	AM5215/64-66-95-26
SYSTEM TYPE	High-power 12" Two-way	High-power 15" Two-way	Medium-power 12" Two-way	Medium-power 15" Two-way
FREQUENCY RANGE	36 Hz - 20 kHz (-10 dB)	34 Hz - 20 kHz (-10 dB)	37 Hz - 20 kHz (-10 dB)	35 Hz - 20 kHz (-10 dB)
FREQUENCY RESPONSE	42 Hz - 18 kHz (± 3 dB)	40 Hz - 18 kHz (± 3 dB)	43 Hz - 18 kHz (± 3 dB)	41 Hz - 18 kHz (± 3 dB)
NOMINAL COVERAGE	AM7212/64: 60° x 40° AM7212/66: 60° x 60° AM7212/95: 90° x 50° AM7212/00: 100° x 100° AM7212/26: 120° x 60°	AM7215/64: 60° x 40° AM7215/66: 60° x 60° AM7215/95: 90° x 50° AM7215/26: 120° x 60°	AM5212/64: 60° x 40° AM5212/66: 60° x 60° AM5212/95: 90° x 50° AM5212/00: 100° x 100° AM5212/26: 120° x 60°	AM5215/64: 60° x 40° AM5215/66: 60° x 60° AM5215/95: 90° x 50° AM5215/26: 120° x 60°
TRANSDUCER POWER RATING: LF (2 Hours)	1000 W (4000 W peak)	1000 W (4000 W peak)	400 W (1600 W peak)	500 W (2000 W peak)
LF (100 Hours)	700 W (2800 W peak)	750 W (3000 W peak)	300 W (1200 W peak)	350 W (1400 W peak)
HF (2 Hours)	100 W (400 W peak)	100 W (400 W peak)	40 W (160 W peak)	40 W (160 W peak)
LONG-TERM POWER RATING(IEC) (Continuous/Program/Peak)	600 / 1200 / 2400 W	600 / 1200 / 2400 W	300 / 600 / 1200 W	350 / 700 / 1400 W
MAXIMUM SPL [1]: LF (Bi-Amp Mode)	126 dB	126 dB	122 dB	125 dB
HF	135 dB	135 dB	131 dB	131 dB
SELECTABLE CROSSOVER MODES	Passive/Bi-Amp	Passive/Bi-Amp	Passive/Bi-Amp	Passive/Bi-Amp
SUSPENSION	15 points (M10)	15 points (M10)	15 points (M10)	15 points (M10)
DIMENSIONS (H x W x D)	713 x 371 x 458 mm 28.06 x 14.6 x 18.1 in	783 x 422 x 504 mm 30.8 x 16.6 x 19.9 in	713 x 371 x 458 mm 28.06 x 14.6 x 18.1 in	783 x 422 x 504 mm 30.8 x 16.6 x 19.9 in
NET WEIGHT (each)	27.2 kg (60 lb)	23.1 kg (51 lb)	27.2 kg (60 lb)	23.1 kg (51 lb)

AC2215/xx

AC2212/xx

AL7115

AC | Compact 2-Way

	AC2215/95, /64 & /00	AC2212/95, /64 & /00
SYSTEM TYPE	Lower-power Two-way	Lower-power Two-way
FREQUENCY RANGE	42 Hz - 19 kHz (-10 dB)	50 Hz - 19 kHz (-10 dB)
FREQUENCY RESPONSE	50 Hz - 17 kHz (± 3 dB)	55 Hz - 17 kHz (± 3 dB)
NOMINAL COVERAGE	AC2215/95: 90° x 50° AC2215/64: 60° x 40° AC2215/00: 100° x 100°	AC2212/95: 90° x 50° AC2212/64: 60° x 40° AC2212/00: 100° x 100°
TRANSDUCER POWER RATING(AES): LF	275 W (1100 W peak)	300 W (1100 W peak)
HF	30 W (120 W peak)	30 W (120 W peak)
LONG-TERM POWER RATING (IEC)	250 W (1000 W peak)	250 W (1000 W peak)
MAXIMUM SPL [1]: LF	121 dB	120 dB
HF	127 dB	129 dB
PASSIVE MODE	121 dB	120 dB
SELECTABLE CROSSOVER MODES	Bi-amp, Passive	Bi-amp, Passive
SUSPENSION	15 points	15 points
DIMENSIONS (H x W x D)	637 x 422 x 504 mm 25.1 x 16.6 x 19.9 in	548 x 355 x 352 mm 21.6 x 14.0 x 13.9 in
NET WEIGHT (each)	23.6 kg (52 lb)	18.1 kg (40 lb)

AL | Low Frequency

	AL7115
SYSTEM TYPE	High-power Low Freq.
FREQUENCY RANGE	40 Hz - 4.2 kHz
FREQUENCY RESPONSE	47 Hz - 3.0 kHz
TRANSDUCER POWER RATING(AES)	1000W
LONG-TERM SYSTEM POWER RATING	LF 600W (2400W peak)
MAXIMUM SPL[1]	LF 126/132 dB
SELECTABLE CROSSOVER MODES	Discrete
ENCLOSURE	Trapizoidal 15° side angles
SUSPENSION	13 points
DIMENSIONS (H x W x D)	548 x 561 x 657 mm 21.6 x 22.1 x 25.9 in
NET WEIGHT (each)	25.9 kg (57 lb)

[1] *Maximum long-term average SPL. Peak SPL is 6 dB higher. Figure is for highest Q version.*

ASB | Subwoofers

ASH | Horn Loaded Subwoofer

	ASB6118	ASB6128	ASB4128	ASB6128V	ASH6118
SYSTEM TYPE	High-power Subwoofer	High-power Subwoofer	Medium-power Subwoofer	Extended Response Sub	Horn-loaded Subwoofer*
FREQUENCY RANGE	28 Hz - 1 kHz (-10 dB)	30 Hz - 1 kHz (-10 dB)	30 Hz - 1 kHz (-10 dB)	21 Hz - 300 Hz (-10 dB)	25 Hz - 250 Hz (-10 dB)*
FREQUENCY RESPONSE	35 Hz - 1 kHz (± 3 dB)	38 Hz - 1 kHz (± 3 dB)	40 Hz - 1 kHz (± 3 dB)	25 Hz - 300 Hz (± 3 dB)	30 Hz - 200 Hz (± 3 dB)
TRANSDUCER POWER RATING(AES)	1200 W (4800 W peak) (2 hrs)	2400 W (9600 W peak) (2 hrs)	1000 W (4000 W peak) (2 hrs)	2400 W (9600 W peak) (2 hrs)	1200 W (4800 W peak) (2 hrs)
LONG-TERM SYSTEM POWER RATING	800 W (3200 W peak) 100 hrs	1600 W (6400 W peak) 100 hrs	600 W (2400 W peak) 100 hrs	1600 W (6400 W peak) 100 hrs	800 W (3200 W peak) 100 hrs
MAXIMUM SPL [1]	30 Hz –100 Hz: 129 dB 100 Hz - 500 Hz: 129 dB	30 Hz –100 Hz: 136 dB 100 Hz - 500 Hz: 136 dB	30 Hz –100 Hz: 133 dB 100 Hz - 500 Hz: 133 dB	30 Hz –100 Hz: 134 dB 100 Hz - 500 Hz: 135 dB	30 Hz –140 Hz: 133 dB
SELECTABLE CROSSOVER MODES	Discrete	Parallel, Discrete	Parallel, Discrete	Parallel, Discrete	Discrete
ENCLOSURE	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular
SUSPENSION	14 points	12 points	14 points	13 points	None
DIMENSIONS (H x W x D)	548 x 561 x 816 mm 21.6 x 22.1 x 32.2 in	1094 x 561 x 816 mm 43.1 x 22.1 x 32.2 in	1094 x 561 x 816 mm 43.1 x 22.1 x 32.2 in	967 x 561 x 1215 mm 38.1 x 22.1 x 47.85 in	564 x 1530 x 1288 mm 22.3 x 56.4 x 50.7 in
NET WEIGHT (each)	44.5 kg (98 lb)	73.0 kg (161 lb)	64.9 kg (143 lb)	89.8 kg (198 lb)	159.3 kg (351 lb)

[1] *Maximum long-term average SPL. Peak SPL is 6 dB higher. Figure is for highest Q version.*

** Designed to be used in multiples (2 minimum, 4 optimum) with proximity placement or with proper boundary surface loading. Specifications shown are for one cabinet.*

ASB | Subwoofers

	ASB6115	ASB6125	ASB7128	ASB7118	ASB6112
SYSTEM TYPE	Single 15" Subwoofer	Double 15" Subwoofer	Double 18" High Output Subwoofer with 2269 Woofer	Single 18" High Output Subwoofer with 2269 Woofer	Single 12" Subwoofer
FREQUENCY RANGE	32 Hz - 1 kHz (-10 dB)	32 Hz - 1 kHz (-10 dB)	20 Hz - 1 kHz (-10 dB)	22 Hz - 1 kHz (-10 dB)	35 Hz - 1 kHz (-10 dB)
FREQUENCY RESPONSE	42 Hz - 1 kHz (± 3 dB)	35 Hz - 1 kHz (± 3 dB)	25 Hz - 1 kHz (± 3 dB)	34 Hz - 1 kHz (± 3 dB)	43 Hz – 1 kHz (± 3 dB)
TRANSDUCER POWER RATING(AES) [1]	800 W (2 hrs)	1600 W, 2 x 800 W (2 hrs)	4000 W, 2 x 2000 W (2 hrs)	2000 W (2 hrs)	1000 W (2 hrs)
LONG-TERM SYSTEM POWER RATING [2]	100 hrs	100 hrs	100 hrs	100 hrs	700 W (2800 W peak), 100 hrs
MAXIMUM SPL [3] (1m, calculated)	35 Hz - 400 Hz: 126 dB SPL cont average (132 dB peal)	35 Hz - 400 Hz: 132 dB SPL cont average (138 dB peal)	25 Hz - 200 Hz: 135 dB SPL cont average (141 dB peal)	25 Hz - 200 Hz: 129 dB SPL cont average (135 dB peal)	40 Hz - 300 Hz: 126 dB SPL cont average (132 dB peal)
SELECTABLE CROSSOVER MODES	Discrete	Parallel, Discrete	Parallel, Discrete	Discrete	Discrete
ENCLOSURE	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular
SUSPENSION	16 points (M10)	16 points (M10)	16 points (M10)	16 points (M10)	16 points (M10)
DIMENSIONS (H x W x D)	483 x 419 x 597 mm 19.0 x 16.5 x 23.5 in	965 x 419 x 597 mm 38.0 x 16.5 x 23.5 in	1092 x 560 x 815 mm 43.0 x 22.0 x 32.1 in	546 x 560 x 815 mm 21.5 x 22.0 x 32.1 in	406 x 369 x 483 mm 16.0 x 14.5 x 19.0 in
NET WEIGHT (each)	20.6 kg (45.5 lb)	36.7 kg (81.0 lb)	71.9 kg (158.5 lb)	42.9 kg (94.5 lb)	16.3 kg (36.0 lb)

[1] AES standard, one decade pink noise with 6 dB crest factor within device's operational band, free air. Standard AES 2 hr rating plus long-term 100 hr rating are specified for low-frequency transducers.

[2] AES standard, one decade pink noise with 6 dB crest factor, in cabinet, long-term 100 hr rating.

[3] Calculated based on power rating and sensitivity, exclusive of power compression.

AE Series Compact Models

AE SERIES
COMPACT MODELS

key features

- ULTRA COMPACT ENCLOSURES
- MULTIPLE ATTACHMENT POINTS FOR ULTIMATE FLEXIBILITY
- VERTICAL OR HORIZONTAL ORIENTATION
- HIGH PERFORMANCE VS. COST

For over sixty years JBL engineers have leveraged their mastery of physics to elevate the platform which millions of creative individuals worldwide use to broadcast their personal form of audible art. The engineering team strives to achieve the highest level of sonic quality to ensure the audience will hear every nuance of tonal clarity as intended by the artist.

JBL continues to support artists worldwide with the introduction of eight new AE Series Compact Loudspeakers. An extension of the industry leading AE Series, the AE Compact family consists of high output, 2-way loudspeaker systems combining flexibility with high fidelity. Ranging from a single 5.25" point-and-shoot box to dual 8" loudspeaker system that are specifically designed for better serving the needs of both designers and artists alike.

The ultra-compact AC15 and AC25 models include a 1" dome tweeter while the AC16, AC26, AC18, and AC28 models feature 1" exit compression drivers providing sonic clarity and crisp detail. The AC18 and AC28 featuring JBL's Progressive Transition™ Rotatable Waveguides, offer the system designer a choice of coverage patterns in either 90° x 50° or 120° x 60°.

AC15

The AC15 is an ultra compact enclosure with one 5.25" LF transducer and 90° x 90° waveguide with 25 mm (1in) dome tweeter. It is equipped with attachment points for a U-bracket and OmniMount® type bracket.

AC25

The AC25 has the features of the AC15 with two 5.25" LF transducers.

AC16

The AC16 is an ultra compact enclosure with one 6.5" LF transducer and a 90° x 90° Progressive Transition™ Waveguide with a 25 mm (1 in) exit compression driver. It is equipped with attachment points for a U-bracket, OmniMount® type bracket and stand mount adapter.

AC26

The AC26 has the features of the AC16 with two 6.5" LF transducers.

AC18/95 & AC18/26

The AC18/95 & AC18/26 are compact enclosures with one 8" LF transducer and a 90° x 50° Progressive Transition Field Rotatable Waveguide with a 1" exit compression driver (AC18/95) or 120° x 60° Progressive Transition™ Field Rotatable Waveguide with a 1" exit compression driver (AC18/26). They are equipped with attachment points for a U-bracket, OmniMount type bracket and stand mount adapter

AC28/95 & AC28/26

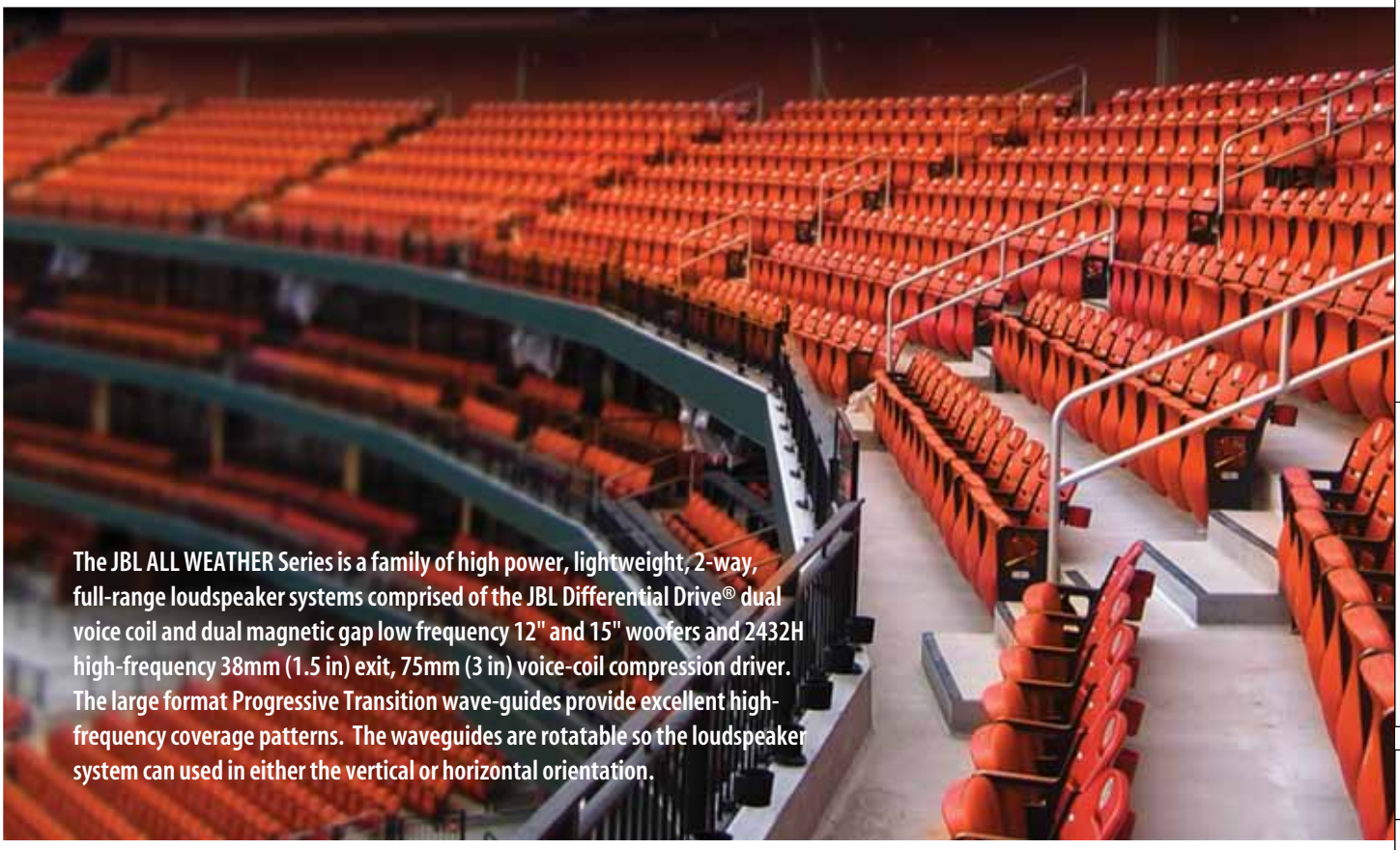
The AC28/95 & AC28/26 have the features of the AC18/95 & AC18/26 with two 8" LF transducers.

specifications

	AC15	AC25	AC16	AC26	AC18/95 & AC 18/26	AC28/95 & AC 28/26
SYSTEM TYPE	Ultra Compact 2-way Loudspeaker System with 1 - 5.25" LF	Ultra Compact 2-way Loudspeaker System with 2 - 5.25" LF	Ultra Compact 2-way Loudspeaker System with 1 - 6.5" LF	Ultra Compact 2-way Loudspeaker System with 2- 6.5" LF	Compact 2-way Loudspeaker System with 1 - 8" LF	Compact 2-way Loudspeaker System with 2 - 8" LF
FREQUENCY RANGE (-10 dB) FREQUENCY RESPONSE (±3 dB)	80 Hz -20 kHz 90 Hz -18 kHz	80 Hz -20 kHz 90 Hz -18 kHz	55 Hz -20 kHz 65 Hz -18 kHz	55 Hz -20 kHz 70 Hz -18 kHz	47 Hz -20 kHz 60 Hz -18 kHz	47 Hz -20 kHz 60 Hz -18 kHz
SYSTEM SENSITIVITY: 1 W, 1 m	86 dB SPL	91 dB SPL	90 dB SPL	92 dB SPL	92 dB SPL	94 dB SPL
POWER RATING	150W Continuous, 600W Peak	225W Continuous, 900W Peak	160 W Cont, 640W Peak	180W Cont, 720W Peak	250W Continuous, 1000W Peak	375W Continuous, 1500W Peak
COVERAGE PATTERN	90° x 90°	90° x 90°	90° x 90°	90° x 90°	AC18/95: 90° x 50° AC18/26: 120° x 60°	AC28/95: 90° x 50° AC28/26: 120° x 60°
DIMENSIONS (H x W x D)	241.3 x 150.3 x 177.8 mm 9.5 x 5.9 x 7.0 in	377.8 x 150.3 x 177.8 mm 14.9 x 5.9 x 7.0 in	381.0 x 199.4 x 226.1 mm 15.0 x 7.8 x 8.9 in	539.8 x 199.4 x 226.1 mm 21.3 x 7.8 x 8.9 in	469.9 x 237.5 x 254.0 mm 18.5 x 9.4 x 10.0 in	679.5 x 237.5 x 254.0 mm 26.8 x 9.4 x 10.0 in
NET WEIGHT (each)	4.7 kg (10.5 lb)	7.5 kg (16.5 lb)	7.2 kg (15.8 lb)	11.0 kg (24.3 lb)	12.8 kg (28.2 lb)	18.6 kg (40.9 lb)

AE Series

AE SERIES
ALL WEATHER



The JBL ALL WEATHER Series is a family of high power, lightweight, 2-way, full-range loudspeaker systems comprised of the JBL Differential Drive® dual voice coil and dual magnetic gap low frequency 12" and 15" woofers and 2432H high-frequency 38mm (1.5 in) exit, 75mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guides provide excellent high-frequency coverage patterns. The waveguides are rotatable so the loudspeaker system can used in either the vertical or horizontal orientation.

The enclosures are constructed of multilayer glass composite and are heavily braced to maximize low-frequency performance. The 14-gauge stainless steel grille, backed with open cell foam and stainless steel mesh, provides excellent protection in the harshest environments. The system is equipped with a 400W 70/100V transformer. A heavy-duty stainless steel U-type mounting bracket is included and allows for easy installation on flat surfaces or in 90° corners. The ALL WEATHER Series is part of JBL's AE Series, a versatile family of loudspeakers intended for a wide variety of applications.

AW266

The AW266 is a high power, lightweight, 2-way, full-range loudspeaker system comprised of the JBL Differential Drive dual voice coil and dual magnetic gap 2262H 300 mm (12 in) low-frequency driver and 2432H high-frequency 38 mm (1.5 in) exit, 75 mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guide provides excellent 60° x 60° coverage.

AW295

The AW295 is a high power, lightweight, 2-way, full-range loudspeaker system comprised of the JBL Differential Drive dual voice coil and dual magnetic gap 2262H 300 mm (12 in) low-frequency driver and 2432H high-frequency 38 mm (1.5 in) exit, 75 mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guide provides excellent 90° x 50° coverage.

AW526

The AW526 is a high power, lightweight, 2-way, full-range loudspeaker system comprised of the JBL Differential Drive dual voice coil and dual magnetic gap 2265H-1 380 mm (15 in) low-frequency driver and 2432H high-frequency 38 mm (1.5 in) exit, 75 mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guide provides excellent 120° x 60° coverage. The system is equipped with a 400 W 70/100V transformer.

AW566

The AW566 is a high power, lightweight, 2-way, full-range loudspeaker system comprised of the JBL Differential Drive dual voice coil and dual magnetic gap 2265H-1 380 mm (15 in) low-frequency driver and 2432H high-frequency 38 mm (1.5 in) exit, 75 mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guide provides excellent 60° x 60° coverage.

AW595

The AW595 is a high power, lightweight, 2-way, full-range loudspeaker system comprised of the JBL Differential Drive dual voice coil and dual magnetic gap 2265H-1 380 mm (15 in) low-frequency driver and 2432H high-frequency 38 mm (1.5 in) exit, 75 mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guide provides excellent 90° x 50° coverage. The system is equipped with a 400 W 70/100V transformer. A heavy-duty stainless steel U-type mounting bracket is included and allows for easy installation on flat surfaces or in 90° corners.

AE Series - All Weather

key features

- WEATHER-RESISTANT, ALL FIBERGLASS ENCLOSURE
- DIFFERENTIAL DRIVE® LOW FREQUENCY DRIVER
- U-TYPE MOUNTING BRACKET INCLUDED
- VARIETY OF COVERAGE PATTERNS FOR VERSATILE INSTALLATION USE

AW266
AW295

AW526
AW566
AW595

specifications

	AW266	AW295	AW526	AW566	AW595
SYSTEM TYPE	High Power 12" 2-way Full Range 60° x 60° All Weather Loudspeaker	High Power 12" 2-way Full Range 90° x 50° All Weather Loudspeaker	High Power 15" 2-way Full Range 120° x 60° All Weather Loudspeaker	High Power 15" 2-way Full Range 60° x 60° All Weather Loudspeaker	High Power 15" 2-way Full Range 90° x 50° All Weather Loudspeaker
DRIVER	LF: 2262H; HF: 2432H	LF 2262H; HF 2432H	LF 2265H; HF 2432H	LF 2265H; HF 2432H	LF 2265H; HF 2432H
POWER RATING (2 hrs. Continous Pink Noise)	500W	500W	600W	600W	600W
SENSITIVITY (1w / 1m)	98dB	98dB	100dB	100dB	100dB
FREQUENCY RANGE (-10 dB)	40Hz - 20kHz	43Hz - 20kHz	35Hz - 20kHz	35Hz - 20kHz	35Hz - 20kHz
FREQUENCY RESPONSE (±3 dB)	51Hz - 18kHz	53Hz - 18kHz	55Hz - 17kHz	54Hz - 18kHz	55Hz - 19kHz
DIMENSIONS (H x W x D)	28.8 x 16.1 x 17.8 in	28.8 x 16.1 x 17.8 in	31.9 x 19.1 x 18.8 in	31.9 x 19.1 x 18.8 in	31.9 x 19.1 x 18.8 in
NET WEIGHT (each)	55.5 lb	55.5 lb	62.5 lb	62.5 lbs	62.5 lbs