Marquis Series

key features

- HIGH PERFORMANCE VS. COST
- PRE-FITTED WITH M10 THREADED INSERTS
- VERTICAL OR HORIZONTAL ORIENTATION
- EQUIPPED WITH "YOKE MOUNT" BRACKETS



The Marquis Series is designed for use in fixed installation applications. This series has been value engineered to provide systems with the highest performance vs. cost available. The full range enclosures are pre-fitted with M10 threaded inserts and are supplied with an eyebolt kit. The MS26 and MS28 are equipped with "yoke mount" brackets and hardware . The cabinets suspend easily —both horizontally and vertically—offering a greater degree of versatility.

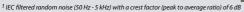
The MS26 is a full-range, low profile system with 100° x 70° dispersion This system features two 6" LF transducers and a 1" exit titanium composite tweeter integrated to a newly designed elliptical waveguide. The MS26 is ideal for close ceiling mounting or underbalcony applications.

The MS28 is a full-range, low profile system with 85° x 85° dispersion. This system features two 8" LF transducers and a 1" compression driver on an Optimized Aperture Symmetrical Radiator. The MS28 is ideal for similar applications where higher power is needed.

NET WEIGHT (each)

MS26 MS28 SYSTEM TYPE Two-way Full-range Two-way Full-range 45 Hz - 20 kHz 40 Hz - 20 kHz FREO, RANGE (-10 dB) 65 Hz - 19 kHz 60 Hz - 19 kHz FREQ. RESPONSE (-3 dB) NOMINAL COVERAGE 100° x 70° 85° x 85° POWER CAPACITY¹ 150 W 200 W SENSITIVITY: 1 W, 1 m 91 dB 93 dB NOMINAL IMPEDANCE 16 ohms 16 ohms 2 x 152 mm (6 in) COMPONENTS: LF 2 x 203 mm (8 in) 25 mm (1 in) 25 mm (1 in) ENCLOSURE Low profile Low profile FINISH Black DuraFlex™ Black DuraFlex INPUT CONNECTORS 2 x NL4 Neutrik® Speakon® 2 x NL4 Neutrik Speakon DIMENSIONS 599 x 217 x 241 mm 676 x 291 x 321 mm 23.6 x 8.55 x 9.5 in 26.6 x 11.45 x 12.65 in (H x W x D)

8.2 kg (18 lb)



12.7 kg (28 lb)



AE Series

The AE Application Engineered™
Se ries was designed with one goal
in mind—to deliver the
performance and features
contractors and consultants need
and that listeners demand.
Incorporating the latest
loudspeaker technology, a wide
selection of models, high
performance features, reliability
and a systems approach, AE Series
has a loudspeaker for just about
any challenge you might come
across.

Whatever your need—whether performance-maximized or compact profile; tri-amp; bi-amp or passive crossover; higher power or lower cost; vertical or horizontal installation—

AE Se ries has the right loudspeaker for the job!



Application Engineered™ Series

key features

- SCALED SYSTEM APPROACH WITH VERSATILE OPTIONS
- VGC™ DRIVERS AND DIFFERENTIAL DRIVE® CONE TRANSDUCERS

● PT™ PROGRESSIVE TRANSITION WAVEGUIDES FOR EXCELLENT PATTERN CONTROL

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, stairstepped to give you just the right solution for your installation.



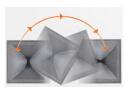
6000-Series models are the highest power speakers in the AE Series. **4000-Series** models are medium power and **2000-Series** are at lower power points for applications not requiring high power capability.

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.

Sophisticated Crossover Networks

AE Series models incorporate sophisticated crossover 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.



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.

Selectable Crossover Mode

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

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 DuraFlexTM 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.

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.



PT™ Progressive Transition Waveguides

JBL's new patent pending Progressive Transition Waveguides represent the latest in horn technology.

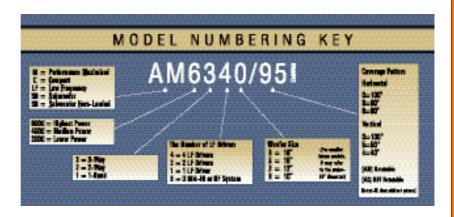
In addition to providing smooth, low distortion sound, PT Waveguides deliver uniform off-axis frequency response to every point within the intended coverage area — not just in the horizontal and vertical planes — resulting in superior array-ability of multiple loudspeaker systems. PT Waveguides combine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



CMCD™ Cone Midrange Compression Drivers

Incorporated into all cone midrange models — patent pending 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.









AM6200/xx





AM4200/xx

AM | Maximixed 3-Way

SYSTEM TYPE FREQUENCY RANGE FREQUENCY RESPONSE NOMINAL COVERAGE

TRANSDUCER LE POWER RATING(AES) MF

LONG-TERM LE POWER RATING(IEC): MF/HF MAXIMUM SPL: LF MF HF

BI-AMP MODE: MF/HF SELECTABLE CROSSOVER MODES SUSPENSION DIMENSIONS

(H x W x D) NET WEIGHT (each) AM6340/95 & /64

High-power Three-way 50 Hz - 19 kHz (-10 dB) 55 Hz - 17 kHz (± 3 dB) AM6340/95:90° x 50° AM6340/64·60° x 40° 1200 W (4800 W peak) 350 W (1400 W peak) 75 W (300 W peak) 1000 W (4000 W peak) 350 W (1400 W peak)

130 dB 133 dB 134 dB 133 dB

Bi-amp, Tri-amp 13 points 1094 x 561 x 657 mm 43.1 x 22.1 x 25.9 in 56.7 kg (125 lb)

AM6315/95 & /64

High-power Three-way 38 Hz - 19 kHz (-10 dB) 45 Hz - 17 kHz (± 3 dB) AM6315/95:90° x 50° AM6315/64:60° x 40° 1000 W (4000 W peak) 350 W (1400 W peak) 75 W (300 W peak) 600 W (2400 W peak) 350 W (1400 W peak) 125 dB 133 dB 134 dB 133 dB

Bi-amp, Tri-amp 13 points 967 x 561 x 657 mm 38.1 x 22.1 x 25.9 in

48.3 kg (107 lb)

AM6200/95 & /64

High-power Mid-high 200 Hz - 19 kHz (-10 dB) 250 Hz - 17 kHz (± 3 dB) AM6200/95:90° x 50° AM6200/64:60° x 40°

350 W (1400 W peak) 75 W (300 W peak)

350 W (1400 W peak)

133 dB 134 dB 133 dB

Bi-amp, Passive 13 points 548 x 561 x 657 mm 21 6 x 22 1 x 25 9 in 29.0 kg (64 lb)

AM4315/95 & /64

Medium-Power Three-way 40 Hz - 23 kHz (-10 dB) 50 Hz - 20 kHz (± 3 dB) AM4315/95:90° x 50° AM4315/64·60° x 40° 500 W (2000 W peak)

MF/HF:125 W (500 W peak) 350 W (1400 W peak) (Passive mode)

124 dB

127 dB Bi-amp, Passive 13 points 967 x 561 x 657 mm

38.1 x 22.1 x 25.9 in

46.7 kg (103 lb)

AM4200/95 & /64 Medium-Power Mid-high

350 Hz - 23 kHz (-10 dB) 400 Hz - 20 kHz (± 3 dB) AM4200/95:90° x 50° AM4200/64:60° x 40°

125 W (500 W peak) 35 W (120 W peak)

125 W (500 W peak)

127 dB 129 dB 127 dB Bi-amp, Passive 13 points 548 x 561 x 657 mm 21.6 x 22.1 x 25.9 in

28.1 kg (62 lb)





AM6212/xx



AM4215/xx



AM | Maximixed 2-Way

SYSTEM TYPE FREOUENCY RANGE FREQUENCY RESPONSE NOMINAL COVERAGE

TRANSDUCER LF POWER RATING(AES): HF LONG-TERM POWER RATING(IEC) PASSIVE MODE MAXIMUM SPL: LF/HF PASSIVE MODE SELECTABLE CROSSOVER MODES SUSPENSION DIMENSIONS

AM6215/95 & /64

High-power Two-way 35 Hz - 19 kHz (-10 dB) 45 Hz - 17 kHz (± 3 dB) AM6215/95:90° x 50° AM6215/64:60° x 40°

1000 W (4000 W peak) 75 W (300 W peak)

600 W (2400 W peak) LF: 127 dB:HF: 133 dB

127 dB Bi-amp, Passive 15 points 783 x 422 x 504 mm 30.8 x 16.6 x 19.9 in 29.9 kg (66 lb)

AM6212/95./64 & /00

High-power Two-way 40 Hz - 19 kHz (-10 dB) 60 Hz - 17 kHz (± 3 dB) AM6212/95-90° x 50° AM6212/64:60° x 40° AM6212/00: 100° x 100° 800 W (3200 W peak) 75 W (300 W peak)

600 W (2400 W peak) LF: 124 dB: HF: 139 dB 124 dB Bi-amp, Passive 15 points 713 x 371 x 460 mm 28.1 x 14.6 x 18.1 in 26.3 kg (58 lb)

AM4215/95 & /64

Medium-power Two-way 40 Hz - 20 kHz (-10 dB) 45 Hz - 18 kHz (± 3 dB) AM4215/95:90° x 50° AM4215/64:60° x 40°

500 W (2000 W peak) 35 W (140 W peak)

350 W (2400 W peak) LF: 124 dB: HF: 128 dB 124 dB Bi-amp, Passive 15 points 783 x 422 x 504 mm

30.8 x 16.6 x 19.9 in

29.0 kg (64 lb)

AM4212/95, /64 & /00 Medium-power Two-way 55 Hz - 20 kHz (-10 dB) 70 Hz - 18 kHz (± 3 dB)

AM4212/95:90° x 50° AM4212/64: 60° x 40° AM4212/00: 100° x 100° 400 W (2000 W peak) 35 W (140 W peak)

350 W (2400 W peak) LF: 120 dB: HF: 125 dB 120 dB Bi-amp, Passive 15 points 713 x 371 x 460 mm

28.1 x 14.6 x 18.1 in

25.4 kg (56 lb)

(H x W x D)

NET WEIGHT (each)

AE SERIES



AC2212/xx



AL6125





AC | Compact 2-Way

SYSTEM TYPE FREQUENCY RANGE ERECHIENCY RESPONSE NOMINAL COVERAGE

TRANSDUCER LF POWER RATING(AES): HF LONG-TERM POWER RATING (IFC) MAXIMUM SPL: LF PASSIVE MODE SELECTABLE CROSSOVER MODES SUSPENSION DIMENSIONS

(H x W x D)

NET WEIGHT (each)

AC2215/95, /64 & /00

Lower-power Two-way 42 Hz - 19 kHz (-10 dR) 50 Hz - 17 kHz (+ 3 dB) AC2215/95:90° x 50° AC2215/64:60° x 40° AC2215/00:100° x 100° 275 W (1100 W peak) 30 W (120 W peak) 250 W (1000 W peak) 121 dB 127 dB 121 dE Bi-amp, Passive 15 points 637 x 422 x 504 mm

25.1 x 16.6 x 19.9 in

23.6 kg (52 lb)

AC2212/95, /64 & /00

Lower-power Two-way 50 Hz - 19 kHz (-10 dB) 55 Hz - 17 kHz (+ 3 dB) AC2212/95:90° x 50° AC2212/64:60° x 40° AC2212/00: 100° x 100° 300 W (1100 W peak) 30 W (120 W peak) 250 W (1000 W peak) 120 dB 129 dB 120 dB Bi-amp, Passive 15 points 548 x 355 x 352 mm 21.6 x 14.0 x 13.9 in

18.1 kg (40 lb)

AL Low Frequency

SYSTEM TYPE FREQUENCY RANGE FREQUENCY RESPONSE TRANSDUCER POWER RATING(AES) LONG-TERM SYSTEM **POWER RATING** MAXIMUM SPL¹

SELECTABLE CROSSOVER MODES **ENCLOSURE**

SUSPENSION DIMENSIONS (H x W x D) NET WEIGHT (each)

AL6115

High-power Low Freq. 40 Hz - 2.5 kHz (-10 dB) 47 Hz - 2.1 kHz (± 3 dB) 1000 W (4000 W peak) (2 hrs) 600 W (2400 W peak) 100 hrs

50 Hz -125 Hz: 129 dB 125 Hz - 800 Hz: 127 dB Discrete

Trapezoidal, 15° side angles 13 points 548 x 561 x 657 mm 21.6 x 22 1 x 25.9 in 29.0 kg (64 lb)

AL6125

High-power Low Freq. 40 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (± 3 dB) 2000 W (8000 W peak) (2 hrs) 1200 W (2400 W peak) 100 hrs 50 Hz -125 Hz: 130 dB 125 Hz - 800 Hz: 129 dB Parallel Discrete

Rectangular 12 points 967 x 422 x 504 mm 38.1 x 16.6 x 19.9 in 44.5 kg (98 lb)

¹ Maximum long-term average SPL. Peak SPL is 6 dB higher. Figure is for highest Q version. ASB4128 ASB6128 ASB6128V **ASH6118** ASB6118 ASH Horn Loaded Subwoofer

ASB | Subwoofers

SYSTEM TYPE FREQUENCY RANGE FREQUENCY RESPONSE TRANSDUCER POWER RATING(AES) LONG-TERM SYSTEM POWER RATING MAXIMUM SPL

SELECTABLE CROSSOVER MODES

ENCLOSURE SUSPENSION DIMENSIONS (H x W x D) **NET WEIGHT (each)**

ASB6118

High-power Subwoofer 28 Hz - 1 kHz (-10 dR) 35 Hz - 1 kHz (+ 3 dB) 1200 W (4800 W peak) (2 hrs) 800 W (3200 W peak) 100 hrs

30 Hz -100 Hz: 129 dB

100 Hz - 500 Hz: 129 dB Discrete Rectangular

14 points 548 x 561 x 816 mm 21 6 x 22 1 x 32 2 in 44.5 kg (98 lb)

ASB6128

High-power Subwoofer 30 Hz - 1 kHz (-10 dB) 38 Hz - 1 kHz (± 3 dB) 2400 W (9600 W peak) (2 hrs) 1600 W (6400 W peak) 30 Hz -100 Hz: 136 dB 100 Hz - 500 Hz: 136 dB Parallel, Discrete Rectangular 12 points 1094 x 561 x 816 mm 43 1 x 22 1 x 32 2 in

73.0 kg (161 lb)

ASB4128

30 Hz - 1 kHz (-10 dB) 40 Hz - 1 kHz (+ 3 dB) 1000 W (4000 W peak) (2 hrs) 600 W (2400 W peak) 100 hrs 30 Hz -100 Hz: 133 dB 100 Hz - 500 Hz: 133 dB Parallel, Discrete Rectangular 14 noints 1094 x 561 x 816 mm 43 1 x 22 1 x 32 2 in 64.9 kg (143 lb)

Medium-power Subwoofer

ASB6128V

Extended Response Sub 21 Hz - 300 Hz (-10 dB) 25 Hz - 300 Hz (± 3 dB) 2400 W (9600 W peak) (2 hrs) 1600 W (6400 W peak) 100 hrs 30 Hz -100 Hz: 134 dB 100 Hz - 500 Hz: 135 dB Parallel, Discrete Rectangular 13 points 967 x 561 x 1215 mm 38.1 x 22.1 x 47.85 in 89.8 kg (198 lb)

ASH6118

Horn-loaded Subwoofer* 25 Hz - 250 Hz (-10 dB)* 30 Hz - 200 Hz (± 3 dB) 1200 W (4800 W peak) (2 hrs) 800 W (3200 W peak) 100 hrs 30 Hz -140 Hz: 133 dB

Discrete

Rectangular None 564 x 1530 x 1288 mm 22 3 x 56 4 x 50 7 in 159.3 kg (351 lb)

Precision Directivity™ PD5000 Series

The new 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 lowprofile form.

Featured across the PD5000 Series, newly developed 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 midhigh 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 voicecoil 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 fullrange 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, voicecoil 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 fullrange 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 fullrange 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™.

PD5000 SERIES Key features

- 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



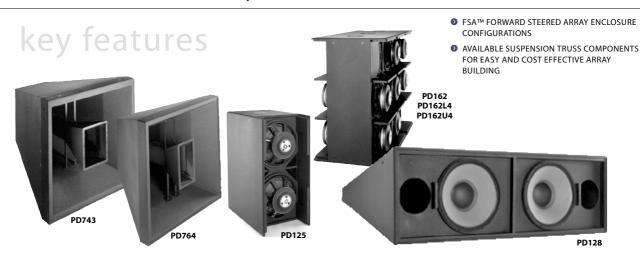
PD5212/43 (shown), PD5212/64 PD5212/95



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

	PD5200/43	PD5200/64	PD5200/95	PD5212/43	PD5212/64	PD5212/95
S YSTEM 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 (\pm 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)
S YSTEM 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 HF PASSIVE MODE: MF/HF	137 dB SPL (143 dB peak) 135 dB SPL (141 dB peak) 136 dB SPL (142 dB peak)	135 dB SPL (141 dB peak) 135 dB SPL (141 dB peak) 135 dB SPL (141 dB peak)	134 dB SPL (140 dB peak) 133 dB SPL (139 dB peak) 133 dB SPL (139 dB peak)	135 dB SPL (141 dB peak) 134 dB SPL (140 dB peak)	135 dB SPL (141 dB peak) 132 dB SPL (138 dB peak)	133 dB SPL (139 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)
CVCTCMTVDC	PD5322/43	PD5322/64	PD5322/95	PD5122	PD5125	
S YSTEM TYPE	Three-Way Full-Range	Three-Way Full-Range				
		, ,	Three-Way Full-Range	Slot-Loaded Low Frequency	Dual 15" Low Frequency	¹ In bi-amp mode, with recommended active tuning.
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)	recommended active tuning. ² AES standard, one decade
FREQUENCY RESPONSE	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB)	41 Hz - 1 kHz (-10 dB) 49 Hz - 300 Hz (±3 dB)	37 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (±3 dB)	recommended active tuning. ² AES standard, one decade pink noise with 6 dB crest factor within device's
FREQUENCY RESPONSE S YSTEM SENSITIVITY: 1 W, 1m	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 111 dB SPL (Passive Mode)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 110 dB SPL (Passive Mode)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 109 dB SPL (Passive Mode)	41 Hz - 1 kHz (-10 dB)	37 Hz - 2.5 kHz (-10 dB)	recommended active tuning. ² AES standard, one decade pink noise with 6 dB crest factor within device's operational band, free air.
FREQUENCY RESPONSE S YSTEM SENSITIVITY: 1 W, 1m NOMINAL COVERAGE TRANSDUCER	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 111 dB SPL (Passive Mode) 40° x 30° LF:1600W (6400W pk), 2 hrs	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 110 dB SPL (Passive Mode) 60° x 40° LF:1600 W (6400 W pk), 2 hrs	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 109 dB SPL (Passive Mode) 90° x 50° LF: 1600 W (6400 W pk), 2 hrs	41 Hz - 1 kHz (-10 dB) 49 Hz - 300 Hz (±3 dB)	37 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (±3 dB)	recommended active tuning. ² AES standard, one decade pink noise with 6 dB crest factor within device's
FREQUENCY RESPONSE S YSTEM SENSITIVITY: 1 W, 1m NOMINAL COVERAGE	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 111 dB SPL (Passive Mode) 40° x 30°	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 110 dB SPL (Passive Mode) 60° x 40°	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 109 dB SPL (Passive Mode) 90° x 50°	41 Hz - 1 kHz (-10 dB) 49 Hz - 300 Hz (±3 dB) 96 dB (60 Hz - 250 Hz) ⁵	37 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (±3 dB) 103 dB (50 Hz - 125 Hz) ⁵	recommended active tuning ² AES standard, one deade 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
FREQUENCY RESPONSE S YSTEM SENSITIVITY: 1 W, 1m NOMINAL COVERAGE TRANSDUCER	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 111 dB SPL (Passive Mode) 40° x 30° LF-1600W (6400W pk), 2 hrs LF-1200W (4800W pk), 100 hrs MF-350W (1400W pk), 100 hrs	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 110 dB SPL (Passive Mode) 60° x 40° LF:1600 W (6400 W pk), 2 hrs LF:1200 W (4800 W pk), 100 hrs MF:350 W (1400 W pk), 100 hrs	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 109 dB SPL (Passive Mode) 90° x 50° LF:1600 W (6400 W pk), 2 hrs LF:1200 W (4800 W pk), 100 hrs MF:350 W (1400 W pk), 100 hrs	41 Hz - 1 kHz (-10 dB) 49 Hz - 300 Hz (±3 dB) 96 dB (60 Hz - 250 Hz) ⁵	37 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (±3 dB) 103 dB (50 Hz - 125 Hz) ⁵	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
FREQUENCY RESPONSE S YSTEM SENSITIVITY: 1 W, 1m NOMINAL COVERAGE TRANSDUCER POWER RATING (AES) 2 LONG-TERM 3 LF	41 Hz – 17 kHz (-10 dB) 49 Hz – 15 kHz (±3 dB) 111 dB SPL (Passive Mode) 40° x 30° LF-1600W (6400W pk), 2 hrs LF-1200W (4800W pk), 100 hrs HF-350W (1400W pk), 2 hrs 1200W (4800W pk)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 110 dB SPL (Passive Mode) 60° x 40° LF: 1600 W (6400 W pk), 2 hrs LF: 1200 W (4800 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs 1200 W (4800 W pk)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 109 dB SPL (Passive Mode) 90° x 50° LF: 1600 W (6400 W pk), 2 hrs LF: 1200 W (4800 W pk), 100 hrs HF:75 W (300 W pk), 2 hrs 1200 W (4800 W pk)	41 Hz - 1 kHz (-10 dB) 49 Hz - 300 Hz (±3 dB) 96 dB (60 Hz - 250 Hz) ⁵ 1600 W (6400 W pk) 2 hrs ²	37 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (±3 dB) 103 dB (50 Hz - 125 Hz) ⁵ 1600 W (6400 W pk) 2 hrs ²	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
FREQUENCY RESPONSE SYSTEM SENSITIVITY: 1 W, 1m NOMINAL COVERAGE TRANSDUCER POWER RATING (AES) 2 LONG-TERM 3 LF POWER RATING (IEC): MF/HF MAXIMUM SPL: 4 LF Cont. Avg. MF	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 111 dB SPL (Passive Mode) 40° x 30° LF-1600W (6400W pk), 2 hrs LF-1200W (4800W pk), 100 hrs MF-350W (1400W pk), 100 hrs 1200W (4800W pk) 300W (1200W pk), 100 hrs 128 dB SPL (134 dB peak) 137 dB SPL (144 dB peak) 135 dB SPL (144 dB peak)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 110 dB SPL (Passive Mode) 60° x 40° LF:1600 W (6400 W pk), 2 hrs LF:1200W (4800W pk), 100 hrs MF:350W (1400W pk), 100 hrs 1200 W (4800 W pk) 300 W (1200 W pk), 100 hrs 128 dB SPL (134 dB peak) 135 dB SPL (141 dB peak) 135 dB SPL (141 dB peak)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 109 dB SPL (Passive Mode) 90° x 50° LF: 1600 W (6400 W pk), 2 hrs LF: 1200W (4800 W pk), 100 hrs HF: 75 W (300 W pk), 2 hrs 1200 W (4800 W pk) 300 W (1200 W pk), 100 hrs 128 dB SPL (134 dB peak) 134 dB SPL (140 dB peak) 133 dB SPL (139 dB peak)	41 Hz - 1 kHz (-10 dB) 49 Hz - 300 Hz (±3 dB) 96 dB (60 Hz - 250 Hz) ⁵ 1600 W (6400 W pk) 2 hrs ² 1200 W (4800 W pk), 100 hrs ⁶	37 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (±3 dB) 103 dB (50 Hz - 125 Hz) ⁵ 1600 W (6400 W pk) 2 hrs ² 1200 W (4800 W pk), 100 hrs ⁶ 136 dB SPL (142 pk)	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.
FREQUENCY RESPONSE SYSTEM SENSITIVITY: 1 W, 1m NOMINAL COVERAGE TRANSDUCER POWER RATING (AES) 2 LONG-TERM 3 LF POWER RATING (IEC): MF/HF MAXIMUM SPL: 4 LF Cont. Avg. MF HF PASSIVE MODE: MF/HF	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 111 dB SPL (Passive Mode) 40° x 30° LF-1600W (6400W pk), 2 hrs LF-1200W (4800W pk), 100 hrs MF-350W (1400W pk), 100 hrs 1200W (4800W pk) 300W (1200W pk), 5 hrs 120 W (4800W pk), 103 hrs 128 dB SPL (144 dB peak) 137 dB SPL (144 dB peak) 136 dB SPL (142 dB peak)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 110 dB SPL (Passive Mode) 60° x 40° LF: 1600 W (6400 W pk), 2 hrs LF: 1200W (4800W pk), 100 hrs HF: 350W (1400W pk), 100 hrs 1200 W (4800 W pk) 300 W (1200 W pk), 100 hrs 128 dB SPL (134 dB peak) 135 dB SPL (141 dB peak) 135 dB SPL (141 dB peak)	41 Hz - 17 kHz (-10 dB) 49 Hz - 15 kHz (±3 dB) 109 dB SPL (Passive Mode) 90° x 50° LF:1600 W (6400 W pk), 2 hrs LF:1200W (4800 W pk), 100 hrs HF:350 W (1400W pk), 100 hrs 1200 W (4800 W pk) 300 W (1200 W pk), 100 hrs 128 dB SPL (134 dB peak) 134 dB SPL (140 dB peak) 134 dB SPL (140 dB peak)	41 Hz - 1 kHz (-10 dB) 49 Hz - 300 Hz (±3 dB) 96 dB (60 Hz - 250 Hz) ⁵ 1600 W (6400 W pk) 2 hrs ² 1200 W (4800 W pk), 100 hrs ⁶ 128 dB SPL (134 dB pk) ⁴	37 Hz - 2.5 kHz (-10 dB) 42 Hz - 2.1 kHz (±3 dB) 103 dB (50 Hz - 125 Hz) ⁵ 1600 W (6400 W pk) 2 hrs ² 1200 W (4800 W pk), 100 hrs ⁶ 136 dB SPL (142 pk) (50 Hz - 125 Hz) ⁴	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

Precision Directivity™ PD700 and PD100



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.

PD100 Low Frequency Modules

PD100 loudspeakers are modules utilized in multiples to create FSA Forward Steered Arrays™, which provide excellent pattern control of low frequencies, ensuring even coverage of the audience area and high off-axis attenuation,

which substantially increases sound quality by maximizing the ratio of direct-to-reflected low frequency sound. The PD100 Calculator, available from JBL Professional, helps the system designer decide the model to use, the quantity of cabinets, how to configure them, and the DSP settings to utilize for the required coverage.

PD125

The PD125 is a high power low frequency module designed for use in arrays and in conjunction with other PD Series systems to construct fullrange systems. Each PD125 module uses two 2226H 15" transducers, mounted "magnets out" for maximum heat transfer, assuring long term reliability at high power levels. Each transducer is mounted in a separate vented subchamber.

PD128

The PD128 is a high power subwoofer module designed for use in arrays and in conjunction with other PD Series systems to construct fullrange systems.

PD162

The PD162 mid bass module consists of three models: PD162, PD162L4 and PD162U4. The PD162U4 and PD162U4 are specialized beamsteering modules with four transducers each. PD162 is the standard, fully configured version featuring a full complement of six transducers. All three models share common enclosure dimensions and features. This allows for construction of compact, simple to rig, densely packed arrays using simple, cost effective truss components.

	PD743	PD764	PD125	PD128	PD162
SYSTEM TYPE	Mid High Loudspeaker System	Mid High Loudspeaker System	LF Array Module	Subwoofer Array Module	Mid Bass Array Module
FREQUENCY RANGE	150 Hz - 17 kHz (-10 dB)	150 Hz - 17 kHz (-10 dB)	38 Hz - 1.7 kHz (-10 dB)	26 Hz - 2.3 kHz (-10 dB)	60 Hz - 1.7 kHz (-10 dB)
FREQUENCY RESPONSE	200 Hz - 15 kHz (\pm 3 dB)	200 Hz - 15 kHz (\pm 3 dB)	45 Hz - 900 Hz (± 3 dB)	$34 \text{Hz} - 1.4 \text{Hz} (\pm 3 \text{dB})$	78 Hz - 900 Hz (\pm 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	100 dB	99 dB	102 dB
NOMINAL IMPEDANCE	MF:8 ohms, HF: 16 ohms	MF:8 ohms, HF: 16 ohms	4 ohms	4 ohms	3 x 4 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	1200 W, AES; 4800 W peak	1600 W, AES; 6400 W peak	3600 W, AES; 14,400 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)	2 x 2226H (380 mm/15 in)	2 x 2242H (460 mm/18 in)	6 x 2206H (300 mm/12 in)
ENCLOSURE	Dual Trapeziodal 25° V, 35° H	Dual Trapeziodal 35° V, 55° H	Rectangular	Vertically Trapeziodal 30° angle	Rectangular
FINISH	Black DuraFlex™	Black DuraFlex	Black DuraFlex	Black DuraFlex	Black DuraFlex
INPUT CONNECTORS	1 x NL4 Neutrik® Speakon®	1 x NL4 Neutrik Speakon	2 x NL4 Neutrik Speakon	2 x NL4 Neutrik Speakon	2 x NL8 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	889 x 432 x 724 mm 35 x 17 x 28.5 in	551 x 1676 x 864 mm 21.7 x 66 x 34 in	991 x 622 x 381 mm 39 x 24.5 x 15 in
NET WEIGHT (each)	111.4 kg (245 lb)	97.7 kg (215 lb)	57 kg (125.5 lb)	104.2 kg (229 lb)	86.1 kg (189.5 lb)

JBL Custom Shop

key features

- UNSURPASSED IBI ENGINEERING
- RENOWNED JBL TRANSDUCERS
- WORLD-CLASS MANUFACTURING



JBL Professional manufacturers the world's most advanced off-the shelf loudspeaker systems, a very broad selection of standard product lines and models—from PD Precision Directivity™ and VERTEC® for large venues to Control Contractor's wide range of smaller loudspeakers. Within each product line, a wide assortment of models provides the right selection for virtually any application. For instance, the AE Application Engineered™ Series offers models in a variety of power levels, in white, in two levels of weather resistance, in a range of sizes and with a selection of coverage patterns.

Despite this broad lineup of models, there may be situations where a project calls for a unique approach. For applications requiring specialized loudspeakers, we offer the specialized services of the JBL Professional Custom Shop.

The Custom Shop designs and builds speakers to meet unique requirements such as specific-dimension cabinets to fit particular spaces, high transducer density systems to meet very high SPL requirements, compound cabinets to achieve non-standard coverage, loudspeakers that meet distinctive architectural requirements and other unique challenges.

Custom loudspeakers are designed by the most experienced engineering team in the industry, the same group responsible for JBL's standard products. They are manufactured in the same world-class factory as standard product, guaranteeing the most rigorous attention to manufacturing excellence.

Several of the Custom Shop's most popular products have been made available as the CSA (Contractor Special Application) Series. See jblpro.com/pages/pre_engineered1_main.htm for details.The list is frequently expanded and updated.

JBL Professional offers a very broad line of off-the-shelf loudspeakers. However, when you need a specialized speaker that does not appear in this catalog, the JBL Professional Custom Shop provides solutions incorporating unparalleled technology, quality, experience, and manufacturing excellence.



VP Series

Self-Powered Integrated Audio Systems







Introducing the Venue Performance Series—a family of self-powered loudspeaker systems consisting of six models, suitable for portable or fixed installation sound reinforcement applications where high-output, low-distortion, and the highest quality sound are required. These systems are designed with compatibility in mind for applications where multiple individual loudspeakers might be required for a distributed system or where multiple loudspeakers will be configured into arrays for point source clusters.

JBL DrivePack®

A key feature of the VP Series is its highly adaptable JBL DrivePack amplifier module. The two-channel module provides 1100 watts of total power to each full-range system. The subwoofer module provides 1800 watts of power to the loudspeaker. The JBL DrivePack® operates on auto-selecting line voltages at 50 or 60 Hz for worldwide operation.

Feature Loaded

The VP Series features JBL Differential Drive® cone transducers and the new 2452H-SL compression driver. Each VP Series system features integral digital signal processing and is compliant with Harman Professional's HiQnet System Architect™ software for remote control and monitoring. The VP Series also includes:

- Newly-created stylized and ergonomically designed powder-coated steel handles
- Industry-standard air-cargo track suspension and M10 threaded suspension points

VP7212/64DPAN (60° x 40°) VP7212/95DPAN (90° x 50°)

VP/212/95DPAN (90° x 50°) The VP7212/64DPAN and VP7212/95DPAN are

two-way speaker systems housing one 12"
Differential Drive low frequency transducer and the new 2452H-SL compression driver. The VP7212 is available with either a 60° x 40° or 90° x 50° JBL Progressive Transition™ Wavequide.



VPSB7118DPAN

The VPSB7118DPAN subwoofer system features one 18" Differential Drive low frequency transducer. This model includes an integrated pole mount, and is sized to readily combine into arrays of various configurations using other models in the line

key features

- NEW 2452H-SL 4" DAMPED DIAPHRAGM HIGH-FREQUENCY COMPRESSION DRIVER
- JBL DRIVEPACK® TECHNOLOGY, CO-ENGINEERED WITH CROWN
- O COMPREHENSIVE ON-BOARD DSP
- HIQNET™ SYSTEM ARCHITECT™ COMPATIBILITY
- OPTIONAL DPCN COBRANET™ INPUT MODULE FOR DIGITAL AUDIO CONNECTIVITY
- DIFFERENTIAL DRIVE® LOW-FREQUENCY DRIVERS
- **INTEGRATED RIGGING HARDWARE**
- ERGONOMICALLY DESIGNED HANDLES



DPAN Input Module with analog audio and 100 Mb Ethernet networking functionality and HiQnet compatibility

DPAN Input Module

The VP Series features the **DPAN** input module as standard. The DPAN input module includes analog audio inputs and sophisticated onboard digital signal processing technology. Precision band-pass limiting, pre-equalization filters and automatic self-test functions ensure optimized performance.

All models can be ordered with the **optional DPCN input module**. The DPCN input module is also HiQnet compatible, with CobraNet™ digital audio input capabilities. It offers the ability to direct up

to 64 audio channels on one network, with digital audio and remote control and monitoring via Ethernet combined on a single cable. DPCN includes the option to use an analog input as a backup audio source providing complete reliability and flexibility to cover any situation. As with the DPAN, user-addressable features include ten internal pre-e.q. filter presets, up to 2 seconds of signal delay per channel, and onboard noise and sine-wave generators.





VPSB7118DPAN



VP7212/64DPAN (shown) VP7212/95DPAN



VP7215/64DPAN (shown) VP7215/95DPAN



VP7315/64DPAN

		VP7212/64DPAN & VP7212/95DPAN	VP7215/64DPAN & VP7215/95DPAN	VP7315/64DPAN	VPSB7118DPAN
	SYSTEM TYPE	Self-Powered Two-way Speaker System	Self-Powered Two-way Speaker System	Self-Powered Three-way Speaker System	Self-Powered Sub-woofer System
	FREQUENCY RESPONSE	60 Hz - 18 kHz (±3 dB)	45 Hz - 18 kHz (± 3 dB)	45 Hz - 18 kHz (± 3 dB)	35 Hz - 125 Hz (±3 dB)
	NOMINAL COVERAGE	VP7212/64:60 x 40 VP7212/95:90 x 50	VP7215/64:60 x 40 VP7215/95:90 x 50	VP7315/64:60 x 40	
	DRIVEPACK POWER RATINGS	2200W Peak (1100W Continuous)	2200W Peak (1100W Continuous)	2200W Peak (1100W Continuous)	3600W Peak (1800W Continuous)
	TRANSDUCERS: LF HF (MF) HF (MF) HORN	12 in Differential Drive 2452H-SL 1.5" exit compression driver JBL Progressive Transition™ Waveguide	15 in Differential Drive 2452H-SL 1.5" exit compression driver JBL Progressive Transition™ Waveguide	15 in Differential Drive 2452H-SL 1.5" exit compression driver CMCD-82H (8" Midrange) JBL PT-K64-MHF ProgressiveTransition™	18 in Differential Drive
				Waveguide	
	FINISH	Black Duraflex™	Black Duraflex™	Black Duraflex™	Black Duraflex™
	GRILLE	14-gauge perforated steel	14-gauge perforated steel	14-gauge perforated steel	14-gauge perforated steel
	INPUT CON NECTOR INPUT CONNECTOR OPTION	Female XLR/Male XLR DPCN (CobraNet compliant) 2 x RJ45 connectors + M/FM XLR	Female XLR/Male XLR DPCN (CobraNet compliant) 2 x RJ45 connectors + M/FM XLR	Female XLR/Male XLR DPCN (CobraNet compliant) 2 x RJ45 connectors + M/FM XLR	Female XLR/Male XLR DPCN (CobraNet compliant) 2 x RJ45 connectors + M/FM XLR
	DIMENSIONS (H x W x D)	701.8 x 383.8 x 523.5 mm 27.63 x 15.11 x 20.61 in	765.3 x 447.6 x 523.5 mm 30.13 x 17.62 x 20.61 in	914.4 x 528.3 x 624.8 mm 36 x 20.8 x 24.6 in	414.4 x 701.8 x 812.8 mm 20.25 x 27.63 x 32 in
	NET WEIGHT (each)	78 lb (35.4 kg)	85 lb (38.6 kg)	97 lb (44 kg)	129 lb (58.5 kg)