

JBL

PROFESSIONAL
by HARMAN

PD6000

precision directivity

| PD6212/43/64/66/95

| PD6322/43/64/66/95

| PD6200/43/64/66/95

| PD5122

| PD5125

PD6000

precision directivity

Ideal for stadiums, arenas, live theaters,



Featuring highly advanced JBL waveguide technology for excellent coverage, precise control, and ease of use.

The new PD6000 Series joins JBL's broad lineup of installed sound loudspeakers delivering high power and constant coverage in a low-profile form. Complementing the larger PD700 mid-high cabinets with a more compact size, they supplement the smaller AE Series cabinets with higher SPL capability and larger horns for extended low-frequency pattern control.

Each model features JBL's newly developed 24 by 24 inch PT™ Progressive Transition mid-frequency, rotatable waveguides that are an evolution of the

waveguide technology debuted in the highly regarded JBL Professional Application Engineered™ (AE) installation series. This advanced version PT waveguide provides versatility and excellent pattern control with low distortion and extremely natural sound character.

PD6000 Series incorporate sophisticated, steep-slope passive networks that minimize band overlap, further enhancing off-axis pattern control. Internal switches allow the user to switch to fully active mode if desired.

Exceptional coverage and control is at the heart of the new PT™ Progressive Transition waveguide™ technology



Rotate 90°



Vertical



Horizontal



NEW! Injection-molded PT™ Progressive Transition Waveguides provide excellent coverage and precise control, with a unique, mathematically-continuous surface that defines the waveguide from transducer-throat to waveguide-mouth. By eliminating the traditional diffraction slot, the waveguide allows the sidewalls to transition smoothly from the driver throat through to

the mounting flange. The improved sound reproduction features balanced frequency response, excellent pattern control, and lower distortion. To enhance their configurability, they can be rotated so the system can be used in either the vertical or horizontal orientation.

performing arts facilities, auditoriums, houses of worship, and dance clubs.



PD6212
43 / 64 / 66 / 95



PD6200
43 / 64 / 66 / 95



PD6322
43 / 64 / 66 / 95



PD5125



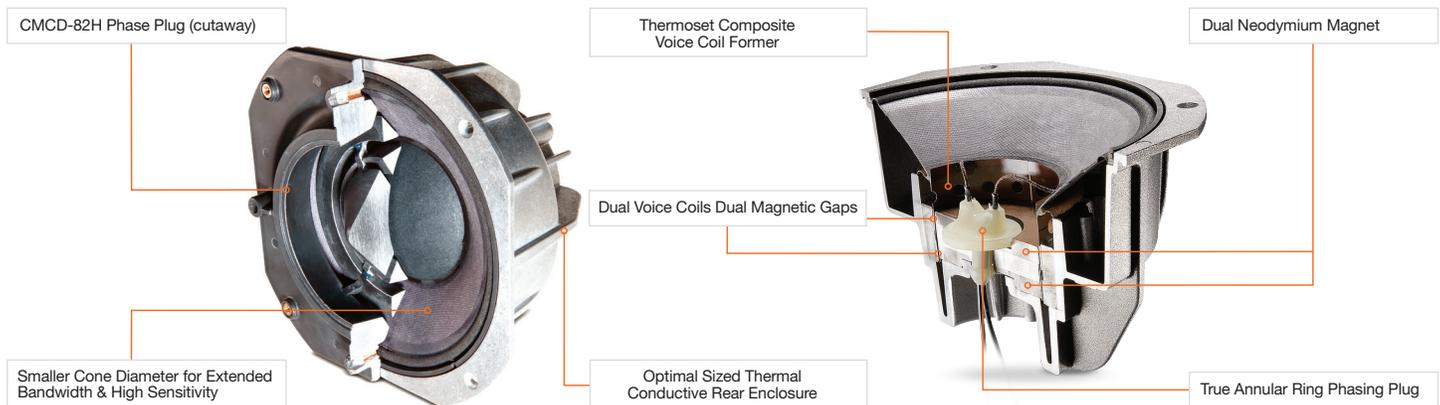
PD5122

JBL's advanced technologies, coupled with an additional coverage pattern, provides the system designer with more flexibility and overall system performance.

The PD6000 Series consists of 14 models, which include four 3-way full-range systems, four 12-inch 2-way systems, four 2-way mid-high systems and two low-frequency models. Coverage patterns include the original 40 x 30, 60 x 40, and 90 x 50. With the introduction of the PD6000 Series, an additional coverage pattern of 60 x 60 is now available.

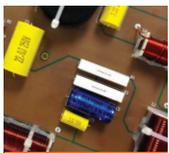
Both the mid-frequency 24 x 24-inch and the high-frequency 12 x 12-inch PT™ waveguides provide excellent pattern control along with low distortion and extremely natural sounding characteristics. Their rotatability allows the system designer greater flexibility with both horizontal and vertical orientations delivering the same performance.

CMCD® Cone MidRange Compression Driver



Each CMCD assembly incorporates a JBL cone midrange driver, a 3 slot annular ring phasing plug, and a thermally conductive rear chamber. Its 4-inch exit diameter and correct exponential expansion provide excellent coupling to the entire family of Progressive Transition™ midrange wave guides.

JBL's exclusive cone transducers feature a unique design with heat sinks integrated into the cast aluminum frame for better heat dissipation, better performance and lower weight. The resulting sound quality is extraordinarily transparent, even at very high SPL.



Crossovers

All PD6000 speakers offer selectable crossover modes. Two-Way speakers operate in either bi-amp or passive mode while the 3-way system can operate either in bi-amp or tri-amp mode.



Connectors

All models include both Speakon® and CE-approved covered barrier strip input connectors.

Highly flexible configurability delivers more options for system designs that more perfectly address requirements

The versatility of the PD6000 Series allows it to easily integrate into designs that are primarily focused on speech intelligibility and music reproduction such as house of worship systems and theatrical venues. They are also excellent for high level voice announcing systems for indoor and outdoor sporting facilities, and even high level/high impact dance club environments.

downfill purposes is needed to complete the system design, the PD6000 is ready. Many of the AE Series enclosures use the same rotatable high frequency horn types with the same highly predictable coverage patterns – up to 120° horizontal – to ensure the success of the system.

Augmenting the PD6000 series with our Application Engineered Series is readily accomplished and engineered into the design. So when a smaller enclosure for



Horizontal Array
with low-frequency module



Vertical Stack
with low-frequency module



Vertical Array

OPTIONAL CONFIGURATIONS

PD6000
S E R I E S

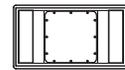
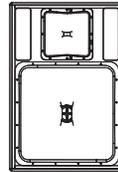
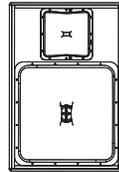
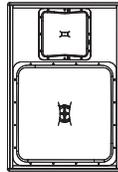
PD6212
43/64/66/95

PD6200
43/64/66/95

PD6322
43/64/66/95

PD5122

PD5125



	PD6212	PD6200	PD6322	PD5122	PD5125
System Type:	12" 2-Way	8" 2-Way	Dual 12" 3-Way	Dual 15" Low-Frequency	Dual 12" Low-Frequency
Drivers:	M222-8H / 2453H	CMCD-82H / 2432H	Dual 2206H / CMCD-82H / 2432H	2262H	2206H
Power Rating (AES 2 Hrs):	LF 400W / HF 75W	LF 350W / HF 75W	700W	2000W	1600W
Sensitivity (1w / 1m):	109 dB SPL	111 dB SPL	111 dB SPL	103 dB SPL	116 dB SPL
Frequency Range (-10 dB):	80 Hz - 18 kHz	200 Hz - 18 kHz	41 Hz - 17 kHz	37 Hz - 2.5 kHz	41 Hz - 1 kHz
Frequency Response (± 3 dB):	90 Hz - 16 kHz	240 Hz - 16 kHz	49 Hz - 15 kHz	42 Hz - 2.1 kHz	49 Hz - 400 Hz
Dimensions (H x W x D):	991 x 673 x 706 mm	991 x 673 x 706 mm	991 x 673 x 706 mm	991 x 476 x 609 mm	357 x 673 x 706 mm
	39 x 26.5 x 27.8 in	39 x 26.5 x 27.8 in	39 x 26.5 x 27.8 in	39 x 18 x 27.2 in	14.1 x 26.5 x 27.8 in
Weight:	59.4 kg (131 lb)	52.8 kg (116.4 lb)	71.1 kg (156.8 lb)	53.4 kg (118 lb)	36.4 kg (80 lb)

*NOTE: Specs are for coverage patterns /64, /66, /95. Visit www.jblpro.com for /43 specs.



For additional information, helpful links, software downloads, tunings & more visit www.jblpro.com.