



PD500

precision directivity

| PD544

| PD564

| PD566

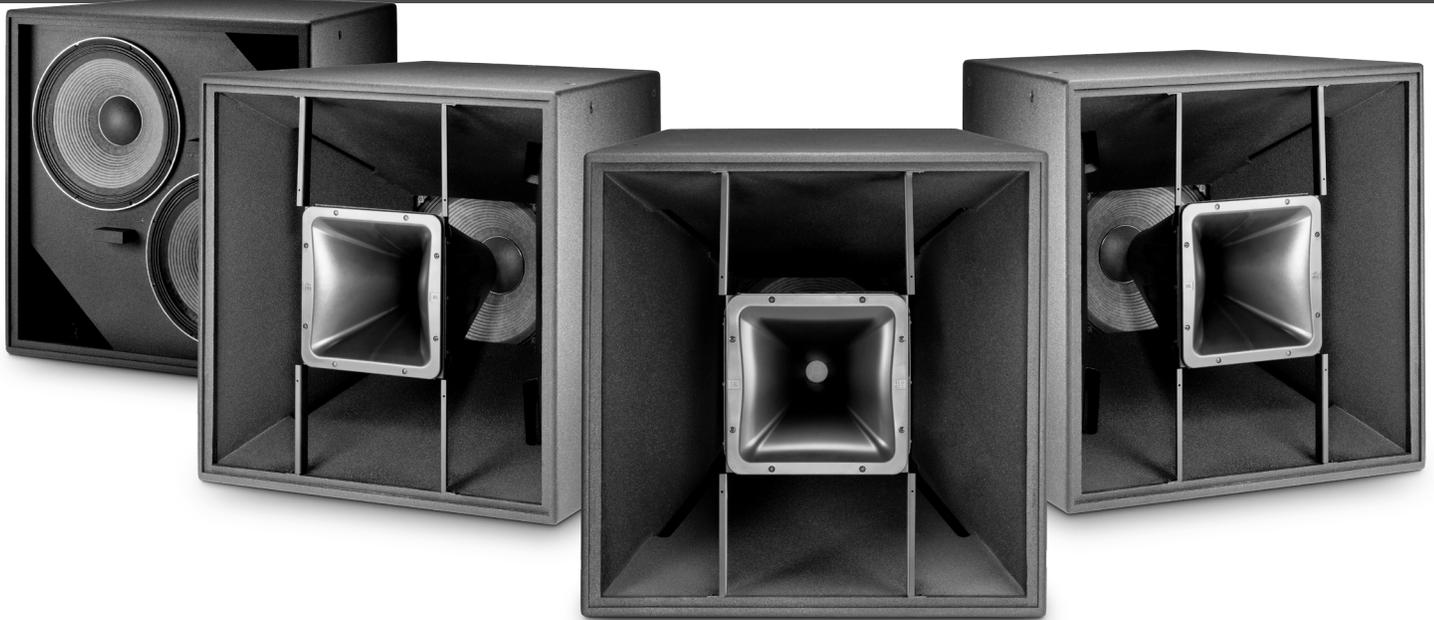
| PD595

| PD525S

PD500

precision directivity

Ideal for stadiums, arenas, live theaters,



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

The PD500 Series is a new line of loudspeaker systems consisting of four horn-loaded 15" 2-way systems and one dual 15" sub-woofer. The PD500 Series includes horn coverage patterns of 40° x 40°, 60° x 40°, 60° x 60°, and 90° x 50°. All models will be available in black, white, and JBL Professionals WRC weather protection and WRX extreme weather protection finishes.

These new systems utilize JBL Progressive Transition™ (PT) waveguides coupled with the 2432H 38mm (1.5") exit, 75mm (3") voice coil compression driver. This coupled with the 2031H 380mm (15") low frequency transducer provides high sensitivity and low power compression for continuous high SPL

capability. The full-range models are horn-loaded for additional sensitivity and improved pattern control. The 60° x 40° and 90° x 50° waveguides are rotatable, allowing all models to be utilized in either vertical or horizontal orientation.

The loudspeaker can be operated in either bi-amplified or full passive mode. In either case, digital signal processing is required in order to achieve specified performance. Input connectivity is achieved via CE-compliant covered barrier strips. The cabinet is fitted with twenty-two M10 threaded suspension points, supporting a wide variety of installation approaches.

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



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.



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PD595

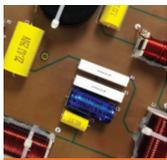


PD525S

JBL's advanced technologies, coupled with four coverage patterns plus a dual 15" sub-woofer, provides the system designer with more flexibility and overall system performance.

The PD500 Series full-range systems utilize the same high-frequency drivers as the hugely-popular PD6000 Series, making them ideal for use together in large systems

where multiple loudspeakers are required for even coverage and consistent voicing throughout the space.



Crossovers

All PD500 2-way full-range loudspeakers offer selectable crossover for operation as in full passive mode or as a bi-amplified system.

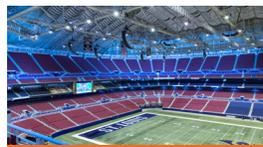


Connectors

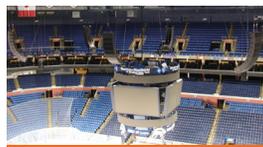
All models are equipped with CE-compliant covered screw terminals.

Designed with flexibility, consistent coverage, and unmatched audio quality for the professional system designer

The PD500 is designed with flexibility in mind for a variety of applications including: stadiums, arenas, performing arts facilities, worship facilities, or any application requiring high output with excellent pattern control.



Stadiums



Arenas



**Houses of
Worship**



**Performing
Arts Centers**



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

The versatility of the PD500 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.

The PD500 Series is compatible with the AE Series, so if a more compact loudspeaker is desired for down-fill purposes, the AM7212/xx and AM7215/xx models can easily be integrated into the system design.



Horizontal Array



Vertical Stack



Vertical Array

OPTIONAL CONFIGURATIONS

PD500
SERIES

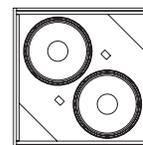
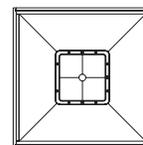
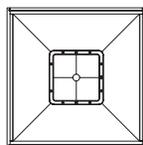
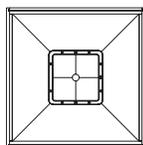
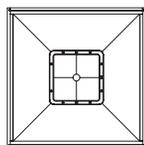
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System Type:	15" 2-Way Full-Range	15" 2-Way Full-Range	15" 2-Way Full-Range	15" 2-Way Full-Range	Dual 15" Sub-Woofer
	40 x 40 Coverage Pattern	60 x 40 Coverage Pattern	60 x 60 Coverage Pattern	90 x 50 Coverage Pattern	
Drivers:	2031H / 2432H	2031H / 2432H	2031H / 2432H	2031H / 2432H	Dual 2275H
Power Rating (AES 2 Hrs):	500W, Passive Mode	500W, Passive Mode	500W, Passive Mode	500W, Passive Mode	2000W
Sensitivity (1w / 1m):	106 dB SPL	105 dB SPL	104 dB SPL	104 dB SPL	102 dB SPL
Frequency Range (-10 dB):	50 Hz - 20 kHz	28 Hz - 3.8 kHz			
Frequency Response (± 3 dB):	90 Hz - 17 kHz	40 Hz - 1.1 kHz			
Dimensions (H x W x D):	782 x 783 x 670 mm	782 x 783 x 670 mm			
	30.8 x 30.8 x 26.4 in	30.8 x 30.8 x 26.4 in			
Weight:	69.0 kg (152 lb)	53.4 kg (118 lb)			



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