



JBL® Project Array™ Loudspeakers | **JBL** SYNTHESIS®

# Cinematic Sound

You've been hearing something very much like them for years—behind the screen at your favorite movie theater, and overhead in the rigging at major concert events—large vertical arrays of constant-directivity horns have long been instrumental in delivering the massive yet highly accurate sound that large audiences expect. JBL Project Array brings professional venue-style speakers home.

Many of today's home theater speakers are simply consumer designs adapted for multichannel sources. But the high-performance Project Array loudspeakers are professional designs optimized for smaller venues. A Project Array-equipped home theater isn't just an ordinary home theater. It's a screening room that would please the most discerning of Hollywood moguls. If movies are an important part of your life, you'll appreciate the difference. More important, you'll enjoy the professionally inspired, audiophile-grade sound on a daily basis.

JBL leads the world in the design and manufacture of professional audio equipment. JBL is how movie soundtracks and music recordings are created, mixed and mastered. JBL is how audio professionals work with sound, and how the rest of the world hears it. Live or recorded, indoors or out, JBL has set the standard of realism for more than 65 years. JBL Project Array brings "Pro Sound Home". With the technologies professionals are accustomed to and the uncompromised quality they insist upon, Project Array is home entertainment to delight the most critical listeners, including those who listen for a living.





## Pure-Titanium Ultra-High Frequency Compression Driver

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An aluminum edge-wound voice coil, attached directly to a 1-inch pure-titanium diaphragm and driven by a 2-inch neodymium motor assembly, delivers uniform response out to 40kHz. The vertical SonoGlass® constant-directivity horn maintains a consistent and optimum dispersion pattern of 60° x 30°.

## High-Output Low-Frequency Driver

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The Array Series low-frequency drivers are part of an acclaimed series of JBL Professional woofers that dates back to the 1960's. These drivers utilize massive ferrite motor structures, edge-wound copper voice coils, durable rubber surrounds and essentially inert Aqua-Plas-coated pulp cones. They're built to play loud and long like the professional heritage that JBL brings.

## Premium Network Designs

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The Project Array crossovers use 4th-order acoustic transitions, ultra-low loss inductors and polypropylene capacitors. The high and ultra-high crossovers are located on a separate board in a different section of the enclosure to minimize crosstalk with the low-frequency crossover.



## Aluminum High-Frequency Compression Driver

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A neodymium motor assembly and an edge-wound voice coil of Kapton®-encapsulated aluminum wire drive a 3-inch (1.8-inch in the 1000 and 800 Array) Aqua-Plas™-coated aluminum diaphragm mounted in a rigid, vertical SonoGlass constant-directivity horn. This is how JBL Project Array loudspeakers deliver the three-dimensional imaging of high-end professional systems.

## Unique Trapezoidal Enclosure

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A trapezoidal low-frequency internal enclosure is constructed of heavily braced 1-inch and 1.5-inch MDF. A raised-top cavity minimizes diffraction from the exposed high-frequency horn. And brass spikes couple the external enclosure to the floor. JBL speakers are known for their rugged construction, and Project Array is no exception.

# JBL Project Array Series Loudspeakers

## General Specifications



Model:	1400 Array	1000 Array	800 Array	880 Array	1500 Array
Description:	3-Way, 14" (35.6 cm) Floorstanding Speaker	3-Way, 10" (25.4 cm) Floorstanding Speaker	3-Way, 8" (20.3 cm) Bookshelf Speaker	3-Way, Dual 8" (20.3 cm) Center Speaker	15" (38.1 cm) Front-Firing Subwoofer
Ultra-high Frequency Drive Components:	1" (2.5 cm) Pure-titanium Diaphragm Compression Driver	1" (2.5 cm) Pure-titanium Diaphragm Compression Driver	1" (2.5 cm) Pure-titanium Diaphragm Compression Driver	1" (2.5 cm) Pure-titanium Diaphragm Compression Driver	N/A
High Frequency Drive Components:	3" (7.6 cm) Aqua-Plas-coated Aluminum Diaphragm Compression Driver	1.8" (4.6 cm) Aqua-Plas-coated Aluminum Diaphragm Compression Driver	1.8" (4.6 cm) Aqua-Plas-coated Aluminum Diaphragm Compression Driver	3" (7.6 cm) Aqua-Plas-coated Aluminum Diaphragm Compression Driver	N/A
Low Frequency Drive Components:	14" (35.6 cm) Aqua-Plas-coated Pulp-cone Woofer with 4" (10.2 cm) Copper Edge-wound Voice Coil	10" (25.4 cm) Coated Pulp-cone Woofer with 1.5" (3.8 cm) Copper Edge-wound Voice Coil	8" (20.3 cm) Coated Pulp-cone Woofer with 1.5" (3.8 cm) Copper Edge-wound Voice Coil	Dual 8" (20.3 cm) Coated Pulp-cone Woofer with 1.5" (3.8 cm) Copper Edge-wound Voice Coil	15" (38.1 cm) Pulp-cone Woofer with 4" (10.2 cm) Copper Edge-wound Voice Coil
Frequency Response:	32Hz – 40kHz	35Hz – 40kHz	55Hz – 40kHz	70Hz – 40kHz	25Hz – 400Hz, variable
Power Handling:	300 Watts	200 Watts	200 Watts	200 Watts	1000 Watts (Internal Amplifier)
Sensitivity (2.83V/1m):	89dB	89dB	88dB	90dB	N/A
Nominal Impedance:	8 Ohms	8 Ohms	8 Ohms	8 Ohms	N/A
Crossover Frequencies:	750Hz, 8kHz	900Hz, 8kHz	1000Hz, 8kHz	1000Hz, 8kHz	40Hz – 140Hz HP
Dimensions (H x W x D):	46.5" x 15.5" x 19" (118.1 cm x 39.4 cm x 48.3 cm)	43.5" x 12.3" x 17" (110.5 cm x 31.1 cm x 43.2 cm)	29.3" x 10.8" x 14" (74.3 cm x 27.3 cm x 35.6 cm)	12.3" x 28.8" x 11" (31.1 cm x 73 cm x 27.9 cm)	23" x 19-1/2" x 19" (58.4 cm x 49.5 cm x 48.3 cm) [21" (53.3 cm) Deep with Grille]
Weight:	115 lb (52.2 kg)	70 lb (31.8 kg)	40 lb (18.1 kg)	46 lb (20.9 kg)	125 lb (56.7 kg)
Finishes:	Black High-gloss Woodgrain	Black High-gloss Woodgrain	Black High-gloss Woodgrain	Black High-gloss Woodgrain	Black High-gloss Woodgrain

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