

# South Brunswick High School



## SUMMARY

### • **LOCATION**

Monmouth Junction, NJ

### • **FACILITY SCOPE**

1,800-seat performing art theater

### • **OBJECTIVES**

South Brunswick High School wanted to modernize the sound capabilities of its performing arts theater.

### • **BIAMP SOLUTION**

Community

### • **OUTCOME**

Thanks to Biamp's Community line of loudspeakers and JD Sound & Video's expertise, the school was finally able to enjoy the superior audio its students deserve.

### • **EQUIPMENT**

- Community IV6 Modular Vertical Array System
- Community R SERIES loudspeakers
- Community D6 ceiling loudspeakers

Established in 1960, South Brunswick High School (SBHS) in Monmouth Junction, NJ is a comprehensive community public high school, serving around 3,000 students in ninth through twelfth grades. SBHS provides students with a challenging curriculum, coupled with extensive opportunities in the fine and performing arts, athletics, and extracurricular activities.

In order to best showcase the student performances and to support school assemblies, the staff knew that new, state-of-the-art audio equipment would be required. Respected integrator JD Sound & Video was tasked with the design and installation of a new sound system for the school's 1,800-seat performing arts theater.



**Now the theater has an outstanding system which sounds awesome, with very natural audio quality.**

### **JOE DISABATINO**

president and lead design engineer  
JD Sound & Video

## SOLUTION

“Audio quality, coverage, reliability, and value were all important for the performing arts theater at SBHS, so based on previous experience we chose Biamp’s Community IV6 Modular Vertical Array system,” said Joe DiSabatino, president and lead design engineer of JD Sound & Video. “Being a passive system, it delivers a great combination of acoustic purity and long-term reliability and is easily configured for optimum coverage. Our design was verified by Hadi Sumoro of HX Audio Labs, who completed the EASE modeling and commissioning.”

Flown with IV6 GlidePoint™ array frames, the system consists of left and right arrays, each comprising six IV6-1122 wide-dispersion 12-inch two-way array elements. Each array is supplemented with two IV6-118S 18-inch subwoofers extending the low frequency and adding impressive bass impact. The subwoofers are mounted behind the IV6-1122 elements using BalancePoint™ flyware, thereby minimizing the array length and visual intrusion on the stage.

DiSabatino commented, “The IV6 system evenly covers the entire theater, including the back rows and raked seats in the side lecture hall extensions, without requiring any delays.”

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## CONCLUSION

Completing the project, JD Sound & Video also installed eight Community D6 6.5-inch high output two-way ceiling loudspeakers in the lobby and hallway.

DiSabatino continued, “The stadium and gym at SBHS both have really good sound systems using Biamp’s Community R SERIES, so our proposal was well received as they were familiar and confident with the brand. And now the theater has an outstanding system which sounds awesome, with very natural audio quality and plenty of headroom. Having previously had floor monitors flown as mains, this is a complete transformation which has satisfied and impressed everyone.”



## ABOUT BIAMP

Biamp is a leading provider of innovative, networked media systems that power the world’s most sophisticated audiovisual installations.

Recognized worldwide for delivering high-quality products and backing each one with a commitment to exceptional customer service, Biamp’s mission is connecting people through extraordinary audiovisual experiences.

Founded in 1976, Biamp is headquartered in Beaverton, Oregon, with offices and manufacturing facilities located around the world.

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