



A Church's Dream Realized



Bose® sound helps a church offer more to its congregation.

the venue:

A 25,000-sq.-ft. church complex with audio needs for a 1,300-seat multipurpose room used for a variety of activities and events.

the challenge:

Create a sound system capable of providing intelligible speech, high-quality music reproduction and simple operation in a large multipurpose room.

the solution:

Modeler® 6.0 software and the Auditor® playback system to let church officials hear the system before it was built. Panaray® and FreeSpace® loudspeakers and a ControlSpace® system deliver clear, powerful sound and ease of operations for any event in the room.

the result:

"The reaction from our congregation is amazement. The sound quality, the crispness of it is just unbelievable."
– Darrell McMillon, Chairman of the Board of Trustees, Tabernacle Baptist Church

When the ministry of the Tabernacle Baptist Church of Burlington, NJ, first conceived of building a multipurpose room, they dreamed big. The room was to seat 1,300 people and be used for a variety of activities and events. Most importantly, it would be a place that would reach outside the congregation and into the community. "We said one day, we're going to be able to build a facility that will bring the kids in off the street and out of the parking lots," explains Chairman of the Building Committee, Eddie Campbell.

The room they envisioned would host a wide array of events: from guest speakers and panel discussions to concerts and basketball games. In nearly every instance, sound would be important. The church needed a sound system that could provide intelligible speech, high-quality music reproduction and simple operation.

"Bose and Whitaker Brothers stood out because they really understood what we needed."

Darrell McMillon
Chairman of the Board of Trustees
Tabernacle Baptist Church

Working together to create solutions.

Tabernacle Baptist Church turned to Whitaker Brothers, an authorized Bose dealer. "In a venue like this, music is a big part of their day. So when they started to plan this new facility, music became a bigger part of the venue," says Kevin Whitaker, the owner of Whitaker Brothers. Along with music, hearing the spoken word was just as important. As Rev. Dr. Richard W. Jones points out, "I don't care how beautiful a building may be, if people are sitting in your congregation and they can't hear you, you've got a problem."

The biggest challenge was that the multipurpose room had not been built yet. Whitaker and his team turned to Bose for support and expertise from Field Engineer Dave Andrews. Using Bose® Modeler® 6.0 sound system software, they created an accurate acoustical model of the space based on the building blueprints. Then, they designed one sound system to meet the performance goals for the many different events. "They worked through the actual design aspect of that room, without the room being built," says Darrell McMillon, Chairman of the Board of Trustees.

Hearing the system before it's installed.

They took the design a step further and let church officials hear how the system would sound, before a single loudspeaker was installed. Using the Bose Auditor® playback system, more than 40 church leaders and committee members got to hear how their new system was going to sound. Building committee Chairman Campbell recalls the impact of that demonstration, "I don't know if we would've bought the system if we had not had that presentation."

The installed system uses a combination of Panaray® and FreeSpace® loudspeakers. Whitaker cites their unique performance in helping sound to reach people throughout the large space. "We could put a thousand people in this room and give them even tonal coverage from front to back, left to right and great speech intelligibility, especially with Panaray MA12 modular line array loudspeakers."

Panaray LT loudspeakers combined with end fire bass arrays deliver the sound level and performance needed for concerts and pre-recorded music. Panaray 502®A loudspeakers provide coverage when the room is configured for basketball games.

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Kevin Whitaker
Owner, Whitaker Brothers

The system also includes a ControlSpace® ESP-88 engineered sound processor that helps simplify system operation. "The operators from the church only need to engage a single button to reconfigure the system," Andrews points out.

Praising the results.

The church is extremely happy with the installed system, and with the team from Bose and Whitaker Brothers who designed and installed it. "They really understood what we needed," McMillon says. "They looked at the architectural aspect of the room and they sat with our folks to really understand what that meant."

McMillon adds, "I think what that translates to is satisfaction. It translates to quality. The reaction from our congregation is amazement. The sound quality, the crispness of it is just unbelievable."

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