

First Baptist Church of McAllen

Designed and Installed by Ford AV



With Christmas fast approaching, the congregation of First Baptist Church was excited about upcoming holiday concerts featuring Grammy and Dove Award-winning artist Jason Crabb and the church's own Celebration Choir and Orchestra. However, they were less than excited about the prospect of hearing the music on the church's outdated sound system. So a month before the shows, Pastor of Worship and Music Joel Harris contacted the team at Ford AV, a nationally known systems integrator with an office in nearby Austin. With no time to waste, Ford AV Senior Project Engineer Gary Ewald turned to Fulcrum Acoustic, knowing that Fulcrum's Temporal EQ™ coaxial technology would be easy to make sound great in a project whose quick turnaround time precluded second guessing and demanded the very best.

Challenges

Music reproduction, voice intelligibility and high SPLs were crucial for the church's orchestra and choir, as well as for concerts the church hosts.

Solution

To cover the front rows of the church, three Fulcrum AH65 loudspeakers were flown above the proscenium. The AH65 is a bi-amplified, 2-way, high-sensitivity, arrayable coaxial horn system that provides precise pattern control to below 400 Hz, low frequency extension to below 80 Hz and exceptionally high output with modest amplifier power. Even at high SPLs, the AH65s can deliver the clarity and consistent voicing the church required.

To fill the rear of the auditorium, delayed Fulcrum CS1595 15-inch coaxial loudspeakers were mounted along the sides. The 2-way CX1595 uses a 3-inch coaxial titanium-diaphragm compression driver and a 15-inch woofer with a single neodymium magnet. CX Series loudspeakers provide the output capability and pattern control of normal, premium 2-way systems in significantly more compact enclosures suitable for many applications. Their vertically trapezoidal shape and compact size allows for mounting very close to ceilings or under balconies, making them ideal for the church's sidefills.

Project Details

Location

McAllen, Texas

Product Category

House of Worship

Project Type

110 x 67-foot sanctuary

Fulcrum Products

(3) AH65 High Efficiency Full-Range Coaxial Horns, 60° x 45°

(2) CX1565 15 inch Coaxial Loudspeakers, 60° x 45°

Supporting Products

Dante-enabled Yamaha QL5 Console and Stagebox

BSS DSP

