

## Church by the Glades

Designed and Installed by ShowPro of South Florida



Church by the Glades (CBG) revitalized an aging house of worship with a dwindling congregation when it acquired the First Baptist Church of Lake Worth, Florida in the fall of 2016. CBG turned to ShowPro of South Florida to design and install a sound system based on Fulcrum Acoustic loudspeakers to bring new energy to the Lake Worth campus of their “hyper-creative and fully charged church.”

### Challenges

- The historic church’s highly reflective hard surfaces and “shoebox” footprint presented considerable acoustical challenges
- High-fidelity music reproduction and voice intelligibility were essential to support CBG’s contemporary worship services which incorporate awe-inspiring production to deliver their message

### Solution

“We reviewed five acoustical models using various loudspeaker line arrays before ShowPro suggested we look at Fulcrum,” recalls CBG production director Andrew Sheffler. “Not only was Fulcrum’s point source solution for the church 100 percent better than anything we’d seen, it came in at half the cost.”

Fulcrum DX1595 dual 15-inch coaxial loudspeakers are deployed as left/right mains with two DX896 8-inch speakers as outfills. Left/right CX1295 12-inch coaxial speakers serve as balcony mains with four CX896 8-inch coaxials installed under the balcony for additional coverage. Rounding out the system, four CS121 21-inch subcardioid subwoofers adjacent to stage access stairs deliver low frequency support.

“Low frequency blowback from the subs rattling the hollow wooden stage was an initial concern,” explains Sheffler. “I couldn’t believe my ears when SPL dropped 20 dB at the top of the stage stairs. Fulcrum’s Passive Cardioid Technology™ was a real lifesaver.”

“*Loud* doesn’t always equal *good* energy, and quiet just doesn’t carry for our worship style. I am amazed at the loudspeakers’ ability to create clear, crisp energy throughout the room without changing timbre at higher volume. We are extremely happy with the PA and I’ve recommended Fulcrum to others,” Sheffler enthuses. “This system has made me a Fulcrum Acoustic believer.”

### Project Details

#### Location

Lake Worth, Florida

#### Product Category

House of Worship

#### Project Type

700-seat contemporary worship center

#### Fulcrum Products

- (2) DX1595 Dual 15 inch Coaxial Loudspeakers, 90° x 45°
- (2) DX896 Dual 8 inch Coaxial Loudspeakers, 90° x 60°
- (2) CX1295 12 inch Coaxial Loudspeakers, 90° x 45°
- (4) CX896 8 inch Coaxial Loudspeakers, 90° x 60°
- (4) CS121 21 inch Subcardioid Subwoofers

#### Supporting Products

- BSS London Processor
- Lab Gruppen Power Amplifiers
- Allen & Heath Digital Mixer

