

## Greentree Community Church

Designed by Idibri

Installed by Amplio Systems



After 17 years of Sundays worshipping in a local middle school space, Kirkwood, Missouri's Greentree Community Church moved into a new building last fall. The move represented a dramatic improvement in their worship space, and in their sound quality through the installation of a new sound system featuring Fulcrum loudspeakers.

### Challenges

- The new space's back wall of highly reflective glass and hard surfaces presented an acoustical challenge
- Music reproduction and voice intelligibility were crucial as church services and other events feature music with voice, violin and piano, as well as a fully-amplified band with drums

### Solution

Two pairs of Fulcrum DX1595 Dual 15 inch Coaxial Loudspeakers were installed in the 400-seat sanctuary. One left-right pair was mounted on a truss above the stage, with a second time-delayed pair mounted halfway back in the space. The DX Series speakers deliver the improved intelligibility, higher gain before feedback, and enhanced sonic accuracy that can only come from a carefully integrated coaxial solution.

Front fill was provided by four RX699 6.5 Inch Coaxial Loudspeakers whose transducers' high efficiency and horn-loaded HF compression driver gives them a surprisingly high output-to-size ratio. The ability of the RX Series' loudspeakers to reproduce natural spoken word both on- and off-axis through its coaxial design proved a perfect fit for the new church.

Greenwood Community Church Director of Worship Chip Demetri echoes the enthusiastic response to the new sound system from church members who say they can now hear every instrument much clearer. Demetri said "There's a lot of things we can do now that we couldn't before, and we can do it better," noting the dramatic difference in sound quality and clarity from the new Fulcrum loudspeakers.

### Project Details

#### Location

Kirkwood, Missouri

#### Product Category

House of Worship

#### Project Type

400-seat sanctuary

#### Fulcrum Products

(4) DX1595 Dual 15 inch Coaxial Loudspeakers, 90° x 45°

(4) RX699 6.5 inch Coaxial Loudspeakers, 90° x 90°

#### Supporting Products

Yamaha CLG Digital Mixing Console

