

projects



st.michael the archangel catholic church

Client: St. Michael the Archangel Catholic Church

Location: McKinney, Texas

Project Type: New Construction

Seat Count: 1000

Opening: 2007

Architect: The Beck Group

Construction Cost: \$8 Million

AD Scope: Acoustics | Audio

St. Michael the Archangel Catholic Church worked with The Beck Group to create a new 900-seat sanctuary and small 70-seat chapel on their existing campus. The traditional cruciform-shaped sanctuary provided a unique space for acoustics and audio design for their worship services.

When AD joined the project, much of the architectural work already completed creating a challenge in achieving balance between the high reverberance required for the church's music style and the need for clarity of the spoken word. Minimal acoustic treatments were used in the front of the room while keeping the area around the church's pipe organ free of treatment. Vocal intelligibility issues were remedied with the installation of digitally-steered speakers. AD was also able to support the design of a quiet, easy-to-operate HVAC system that didn't interfere with the services being held in the sanctuary and chapel.