



st.andrew's united methodist

Client: St. Andrew's United Methodist Church

Location: Plano, Texas

Project Type: New Construction

Seat Count: 1,600

Opening: May 2003

Architect: HKS, Inc.

Construction Cost: \$22 Million

Contact: Tom Amis | HKS, Inc. | 214.969.3240

AD Scope: Acoustics | Audio | Video | Lighting | Auditorium Design

St. Andrew's United Methodist Church's main request for their new sanctuary was that it be traditional in look but cutting edge in technical capabilities. This meant that all the sound equipment, video and architectural lighting needed to be camouflaged from view. This is achieved by hiding the speakers behind fabric panels that are designed to blend with the walls. The lights are housed in openings in the architectural elements, so they are less noticeable.

Another challenge for the design of the building was the desire to have an acoustically reverberant room that was suitable for a pipe organ, as well as have architectural treatments like a rose window and a sloped ceiling. The ceiling must continue the rectangle shape of the room to create acoustical reverberance. This was done, but the ceiling was given the illusion of what the architect designed by suspending acoustically transparent fabric panels from the actual ceiling. Architecturally, the rose window was an important focal point; acoustically, it caused difficulties with the reverberation chamber for the organ. AD developed a solution to enclose the space behind the window so that the reverberation chamber was intact.