

Benton Street Baptist Church

Our Vision

To provide complete communication, music, lighting, visual and performance technical arts solutions.

Our Mission

"To enable clear communication through the inspired use of the technical arts."

Our Objectives

To play a pivotal role in helping others communicate their message.

To provide informed and useful design, application and product information for effective technical arts solutions.

To make technology less complicated and more accessible.

To provide cost-effective solutions to our valued customers in a timely manner.

To empower our team to help you.

Our Commitment

Clear direction, thoughtful solutions, dedicated effort, promises kept.

Our Philosophy

Serving the needs of our customers.

Our Fans

Churches, Studios, Theatres, Schools, Corporations and Individuals

Our Services

- Complete consulting, design, installation, and training services
- Sales and service for a comprehensive range of Pro Audio, music, lighting, video projection, computer and data systems
- Full event production services
- A well stocked Rentals department Audio – Backline – Video – Lighting – Effects – Recording – Wireless Mics – Processing – Cameras – Drape – Staging – Screens – Audio / Visual
- Computer Services & Installations

Our Challenge

Benton Street Baptist Church is a church with a long history of technical and artistic innovation, from being a pioneer in Christian radio broadcasting to incorporating traditional, classical, and contemporary music styles into their worship services. The church has a beautiful oak paneled sanctuary with 40' high stained glass windows and a floor to ceiling pipe organ (see reverse side). After many years in this building, Benton Street Baptist sought to modernize their Technical Arts capabilities with multi-media, lighting, sound system and acoustic improvements. Critical to this installation was assuring minimal disruption to this vibrant church community and their beautiful sanctuary. Benton Baptist seats approximate 700 parishioners in both main floor and balcony seating areas.

Key Requirement

In brief, each area of the new Technical Arts capabilities had its own complexities. The introduction of projection screens could not disrupt the overall look of the platform area or block the sound of the pipe organ when the screens are in use. The general design of the church (with its large windows) created a high level of ambient light making video image projection a challenge. There were complications with integrating dimmable/ focusable lighting fixtures with the original architectural lights, which were not designed for use in situations that required dimming. There were acoustic and structural complexities which made speaker and light fixture suspension quite challenging. These complexities lead to considerable custom design.

Our Recommendation

Success on this project was contingent on understanding the vision of the ministry and church project management teams. Living within a predetermined project budget was (and is always) a consideration, which meant that this project needed to be scaleable in subsequent years. Our recommendations were as follows:

- Replace the original architectural metal halide lights (too bright, harsh, non-dimmable) with a more balanced and directional dimmable lighting system.
- Complete sound system make-over to provide high speech intelligibility, and the desired richness and depth missing from the original sound system sound.
- Installation of an automated drape system to cover the stained glass windows (when required), which were designed to also be beneficial acoustically.
- Creation of a projection screen system that pulled the screens upward and allowed them to be hidden behind customer wooden valances.

Our Solution

The technical additions were:

- A Yamaha O2R96 Digital Mixing console which has the ability to save and recall channel and entire mixer board settings, provides very flexible routing, and enabled future multi-track recording.
- An SGM Studio Scan lighting mixer, digital dimmers, Par, Ellipsoidal and Fresnel lighting elements, and provision for moving fixtures for future events.
- A Media Matrix X-Frame system controller that provides complete sound system management (EQ, speaker protection, crossover, delay, routing, etc.).
- EAW AS series speakers for the main sanctuary and EAW MK series speakers for the balcony, as well as a platform monitoring make-over.
- Custom designed projection screen systems in matching oak valances for pulling the screens upward from the base of the organ pipes.

About Artech Communications Inc.

Artech Communications Inc. provides quality service in the areas of consultation, design, installation of professional audio, video and lighting equipment; event productions; and rentals of professional audio, video, lighting, and computer equipment since 1989. We have helped many individuals, churches, businesses, educational institutions and corporations realize that their dreams are viable and attainable, whether for permanent, temporary, indoor or outdoor installations. We would be happy to share our many references.

Benton Street Baptist Church: Picture Gallery



For additional pictures please visit our website at:
www.artechcommunications.com