

Calvary Pentecostal 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

Calvary Pentecostal Church in Peterborough Ontario had a vision to acquire a facility which could become a resource to the entire community and a dynamic worship environment for their fellowship. In 2002, Calvary purchased a Johnson & Johnson pharmaceutical factory. They have since retrofitted the building into an 1100 seat worship facility, office, chapel, recreation and children's centre, cafeteria, counseling centre, and resource centre for ministries and organizations serving the city.

Key Requirement

Having to live in and retrofit the facility at the same time created many interesting complexities for the design and planning team. To provide for the ongoing needs of the church, a temporary sanctuary was constructed in a basement area to allow church services and meetings to continue while the construction was underway. This temporary space was outfitted with appropriate audio and video capabilities linked to the chapel area. A more complex challenge existed in the factory area, which would become the new 1100 seat worship and performing arts space; the area's ceiling was too low for the intended use and for the sound, lighting and projection system requirements. It was critical to raise the center section of the area's ceiling from approximately 16 to 25 feet, to support the right mix of scaleable audio, music, lighting and projection components. It was also determined that special provisions would be required to minimize platform volume in the finished facility.

Our Recommendation

Success on this project was contingent on implementing the vision of the ministry team who saw the facility as the church, but also as a hub for community events, concerts, tradeshow, theatrical events etc that were "program compatible" with the core use of the facility. Creative use of the available budget became essential, along with provisioning for project scale-ability in subsequent years. Our recommendations were as follows:

- Careful attention to detail in the structural components first, (such as laying the hundreds of feet of conduit to allow for future additions to the lighting system).
- The sound, lighting and video systems were carefully designed to provide high levels of capability for virtually any anticipated performance requirement.
- High degrees of flexibility and integration between the digitally controlled mixer, speaker management, architectural & theatrical lighting and video systems.
- Utilization of V-drums, digital pianos and synthesizers, headphone and an in-ear monitoring systems to keep platform volume to a minimum.

Technical Solutions

The technical solutions included:

- A Roland V7000 digital mixing console provides enough inputs, routing capabilities, automation and memory functions for all anticipated needs.
- A lighting package consisting of a Leprecon Litescape architectural lighting dimmer, SGM Digital Dimmers & Studio Scan light mixer with Par, Ellipsoidal and Fresnel fixtures with provision for moving head fixtures for future events.
- A Media Matrix X-Frame and two BoB system controllers for sound system management including EQ, speaker protection, crossover and digital delay etc.
- EAW AS, MK, UB and SB series Left Center Right concert sound system.
- Two Eiki projectors, two Draper automated screen projection systems with seamless and matrix-able switching to the projectors.

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.

Calvary Pentecostal Church “Your Meeting Place” Picture Gallery



Visit our website at:
www.artechcommunications.com