

Clearview (formerly Clarkson) Christian Reformed 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

The congregation of Clearview Christian Reformed Church outgrew their existing church building in Mississauga, and they decided to construct a new church building. Discussions with the church revealed a significant desire to have the technical arts systems of the new building (audio-video-lighting) be usable for the regular church services function, and provision for a wide variety of church community activities. Another major decision needed to be made around whether to dismantle, service, move, and rebuild the original pipe organ in the new church building, or whether it was better to replace the organ with an instrument more suited to the congregation's expanding worship music repertoire.

Key Requirements

The platform and seating layout did create a more intimate worship experience for congregants, because they were closer to the platform area. The wider/shallower overall sanctuary layout required careful planning of all technical arts systems to ensure that proper coverage was achieved without overlapping. Several design concepts were presented to maintain the highest possible seat count and to achieve the right balance of technical support. Significant effort to incorporate operational simplicity into the overall Audio-Video system designs was made to enable mid-week use of the systems for non-technical church volunteers and ministry staff. The recommended solution needed to incorporate all audio, video, lighting and "stage" lay-out considerations.

Our Recommendation

Success on this project was contingent on living within a predetermined project budget, which meant that this project needed to be scaleable in subsequent years:

- Integration of the overall sanctuary lighting systems into a single cohesive system that offers several levels of capability, with the operational knowledge required to successfully operate the system ranging anywhere between "no special knowledge required" to "trained special events lighting operator required".
- A left-center-right sound system for high speech intelligibility and musicality, digital mixing solution, and very flexible platform-patching design for overall audio, video and lighting connectivity.
- A digital drum kit and distributed in-ear monitoring to dramatically improve on the management of platform volume.
- An innovative solution to achieve the original pipe organ sound and add additional flexibility.

Solutions

- A Roland V-7000 Digital Mixing console which has the ability to save and recall channel and entire mixer board settings.
- A Digitool DSP based sound system controller, with remote controlled recall of preset capabilities, enabling "easy-use" of the sound system by non-technicians.
- QSC power amps were used throughout the system, and were connected to an expanded left-center-right sound system plus "rear of sanctuary" and "balcony fill speakers" using EAW MK, UB, FR and JF series speakers.
- A Roland VK-77 dual manual organ, XV-5080 module, and Rogers MX-100 pipe organ modules combined to offer classical and contemporary organ sounds. Roland V-drums are directly plugged into the system, helping to manage overall drum volume.
- Permanently tensioned Draper screen projected onto via an Eiki LC-X1100 4100 ANSI Lumen projector using Easy Worship lyric and scripture presentation software.

About Artech Communications Inc.

Artech Communications Inc. provides quality service in the areas of event productions; consultation, design, installation of professional audio, video and lighting equipment; 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.

Clearview Christian Reform Church: Picture Gallery



For additional information on installation projects, go to our website at:
www.artechcommunications.com

