



Rejoicing with a TOA Sound System

Working within a tight budget to deliver a high quality system, Mr. Stephen Monteith, an Audio/Visual Sales & Design Specialist at Applied Electronics Limited, sourced TOA's HX-5 Variable Angle Speakers and D-901 Modular Digital Mixer as an ideal solution for the Harvest City Church located in Vancouver, British Columbia.

Harvest City Church is an established Christian Church that was looking to update their existing portable P.A. sound system but had a limited budget to work with. The Church approached several companies for a solution to meet their requirements and after an outstanding product demonstration and system design proposal, Applied Electronics Limited was awarded the contract. The church itself is an old building with U-shaped, amphitheatre-style seating with a balcony. The church wanted an economical sound system that was easy to operate and visually blended into the interior of the building.

Founded in 1958, Applied Electronics Limited is a leading Canadian resource for Audio/Visual, Broadcast and Post-Production Technology. It is headquartered in Mississauga, Ontario, adjacent to Toronto, and operates four other offices across Canada - in Montreal, Calgary, Edmonton and Vancouver. Applied Electronics Limited provides the latest in industry technologies, consultation & system designs, integration services, after-sale service & technical support. Their areas of expertise include but are not limited to houses of worship, corporate boardrooms & auditoriums, video conferencing & training facilities, command and control facilities, council chambers, hospitality venues, and broadcast and post-production facilities.

Faced with the challenge of designing a sound system that would be visually appealing, provide optimal audio performance and easy to operate, Mr. Monteith turned to TOA's HX-5 Series and F-Series speakers combined with a D-901 Modular Digital Mixer and 9000 Series Digital Mixer/Matrix Amplifier. The D-901 is used as a matrix that is fed from the external mixing console to distribute and manipulate the signal as desired throughout the facility. It feeds the front-of-house, low frequency drivers and under balcony delay lines. "The D-901 is a great compressor and very user-friendly," stated Mr. Monteith who was pleased with the product. The HX-5 Variable Angle Speakers are unique in that they are adjustable and can be angled to provide the best possible coverage throughout the church. The HX-5 speakers and low frequency drivers are flown 28 feet above the pews with a few units pointed at the balcony and the rest pointed at the pews. The speakers are arranged in clusters of two and distributed in the center and to the left and right of the church. To complement the design, Applied Electronics Limited added several F-Series speakers under the balcony which are driven by a 70V 9000 Series Digital Mixer/Matrix Amplifier.

The congregation and staff at Harvest City Church are impressed with the look, sound and performance of their new audio system. "Our installation technicians enjoyed integrating this system in such a distinguished venue as the Harvest City Church. It was a new and unique experience for us and we are pleased with how simply this church installation came together," explained Mr. Monteith. "The TOA speakers blend in well with the decor of the building and the complete TOA solution has proven to be a reliable system to use. The congregation and staff are now rejoicing with their new high performance sound system and we are ecstatic about that."