



Saint James United Church, St. John, Newfoundland

Products Used

- SR-H Line Array Speakers
- SR-S Line Array Speakers
- M-864 Digital Stereo Mixer
- DP-SP3 Digital Speaker Processor
- DA-500F-HL amplifier
- HS-1200BT



Purpose

The Church council was in need of a newly designed audio system that would provide them with audible voice and musical sound.

Challenge

The church wanted to ensure that the new system would cover the entire church for all members of the congregation TOA's tech team had to create a system design for the church which clearly displayed the system and how it would provide the sound results required.

Solution

TOA Canada Corporation assisted with the design of the sound system using EASE focus. This allowed the Installer and end user to be able to see speaker placement, and provide SPL renderings. This is beneficial in the design and preparation of an installation for both the installer and end user, eliminating guess work.

The church decided on a combination of TOA's SR-H and SR-S Series Line Array Speakers and subwoofers. The head end includes TOA's M-864 Digital Stereo Mixer, DP-SP3 Digital Speaker Processor and DA Series Multi-Channel Amplifiers. The M-864D Mixer was used for microphone and auxiliary inputs along with the ZM series keypads for memory loading and source control. Three DA-500F-HL amplifiers were used to power multiple speaker arrangements including SR-S4S, SR-H2S, FB-120B, and HS-1200BT for full system coverage. These were assigned to the DP-SP3 DSP for EQ processing and delay setup.

Feedback

The congregation rejoices with their new sound system, enjoying the sound quality of each service.

About TOA Canada Corporation

TOA Corporation was founded in Kobe, Japan over 80 years ago. TOA operates in over 100 countries worldwide, with manufacturing facilities found in nearly every major market area. These facilities have a reputation for precision design and fabrication, resulting in a proven track record of TOA product reliability.

TOA Canada Corporation was formed in 1990 as a complete sound solutions provider, specializing in commercial audio, including, public address, voice communications, voice evacuation and emergency paging requirements. TOA Canada offers complete solutions for all corporate and commercial audio communications and intercom security requirements.