



Guelph Gurdwara - Guelph ON

After 10 years of planning and construction, the Sikh community was excited with the results. The building is 15,000 sq. ft. and will serve the needs of the Sikh community for Wellington County and beyond.

Products Used

- HX-7B Compact Line Array Speaker
- FB-150B Subwoofer
- HS-1200BT Coaxial Array Speaker
- A-9240SHM2 Amplifier
- DA-550F Multichannel Power Amplifier
- DP-SP3 Digital Speaker Processor



Purpose

During the latter stages of the design process, the engineers began searching for the right audio solution that delivered intelligible audio with coverage throughout the building and directly to the various segments of the Gurdwara. They required the audio system to play background music and do public addresses.

Challenge

The Gurdwara did offer up a couple of challenges. With its vast space and high ceilings, the TOA design team focused on ensuring that acoustically the sound was clear and to minimize reverberation.

Solution

Our team in collaboration with the installer, created a solution which, overcame the challenges and enhanced the sound system from previous ones. By utilizing the digital matrix mixer, the M-9000 series together with a DSP to enrich the sound. Connecting to the powerful DA series of amps, the amplified audio flowed to the high quality HX-7 compact array with subwoofer. The system was configured to operate as required with proper timing adjustments. With the directivity of the speakers reverberation was reduced tremendously.

Feedback

During the testing phase the Gurdwara was very happy with the professional sounding audio and the clarity to all areas of the building. The real time live performances sounded great and they were excited to use it to their members.



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.