



Bill Bolton Arena, Toronto, ON

Bill Bolton Arena has been a part of the Seaton Village community for nearly 50 years. Named for William (Bill) H. Bolton, a local police inspector. The arena has one ice rink and today, the arena runs over 20 programs with over 2000 participants every year.

Products Used

- M-8080D Digital Matrix Mixer
- M-800RM Remote Microphone
- MW-41BT - Audio Interface with USB and Bluetooth
- DA-500F-HL Multichannel Power Amplifier
- HX-5W-WP Compact Line Array Speaker
- FB-120W Subwoofer System
- BS-678 Wall Mount Speaker



Purpose

The deep-rooted arena had held off change the communication system, but finally it had no choice. The overall audio system needed a total revamp and the arena added a paging system to increase communication to visitors and staff. The paging system was vital to make the arena experience more efficient and valuable.

Challenges

The challenge of this installation was the removal of the old equipment and running new more efficient wiring for the modern equipment. They required that audio reach all areas of the arena to ensure people heard message especially in case of emergency. This design would require a few different types of speakers and a lot of power to cover the large arena.

Solution

The choice was made to use the M-8080D matrix mixer as the head end, The DSP provide connectivity by IP and a direct connection to the remote microphone for paging. The M-8080D was connected to the powerful multi channel DA-500FH amplifier which in turn powered the various speakers from smaller lower powered wall mounted BS-678 to the larger and formidable H-X5 compact array speakers in the ice rink.

Feedback

Once installation began the excitement was palpable as the community was happy to receive a new audio and communication system in their arena. The sound quality and arena coverage was excellent and appreciated by management and those who utilized the arena regularly.



About TOA Canada Corporation

TOA Corporation was founded in Kobe, Japan over 85 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.