



Complexe Aquatique, Boucherville, QC

The complex is equipped with a recreational pool, 2 indoor pools comprising a total of 18 swimming lanes, an outdoor pool, a dojo for judo lessons and competitions, a training room, an infirmary, and administrative offices.

Products Used

- HX-5 Compact Line Array Speaker
- DA-500F Power Amplifier
- DP-SP3 Digital Speaker Processor
- PC-580 Ceiling Speakers
- F-122 Wide Dispersion Speakers



Purpose

The aquatic complex required a Public Address System for the pool areas as well as a general paging system for the rest of the building. The system needed to be crystal clear and be controlled from multiple locations for easy access by multiple people.

Challenges

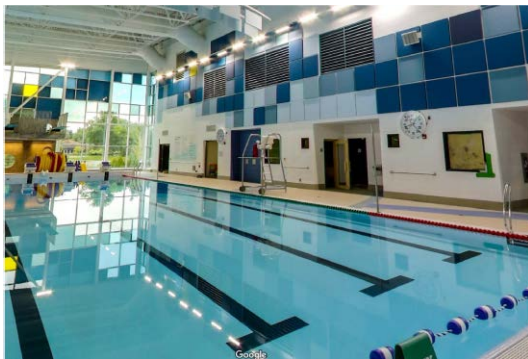
With this large facility with a variety of room sizes and angled walls and high ceilings reverberation was a challenge.

Solution

TOA's design team delivered a spec that ensured speakers were placed in appropriate locations and angles to minimize reverberation and create clear lines for audio distribution. Utilizing adjustable HX-5 array speakers powered by our DA amplifier and audio enhanced by the dsp created an intelligible audio for announcements and music.

Feedback

The final audio system was approved and tested with rave reviews from facility management. the audio was clear and reverberation was almost unnoticeable.



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.