

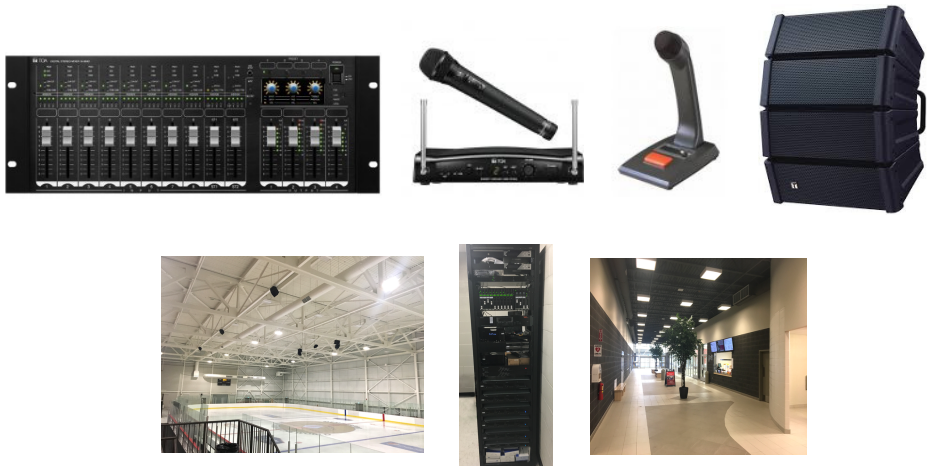


## Membertou Sport & Wellness Centre, Membertou, NS

The Membertou Sport and Wellness Centre houses two NHL regulation-sized hockey rinks, a cafe with snacks and beverages, a conditioning centre for athletes with dry-land training facilities, walking track, party rooms, plus a full-service bar and a pro shop with skate sharpening.

## Products Used

- HX-5: Compact Line Array Speakers, including FB-120 Subwoofer
- PC-580RU: Ceiling Speakers
- M-864D: Digital Stereo Mixer
- M-9000: Series Pre-Amplifier plus Modules
- DA: Series Multichannel Power Amplifiers
- DP-SP3: Digital Speaker Processor
- DT-930: AM/FM Synthesizer Tuner
- 5000: Series UHF Wireless Microphones
- PM-660U: Paging Microphone



## Purpose

Membertou Sports and Wellness Centre is a place for communities and families to gather. A place where kids can be kids while enjoying their favourite sporting activity, while the entire family can be active and participate in or watch sporting events. This newly constructed facility worked with a consulting team and TOA Canada's Technical Support Team to create an ambiance that would be perfect for all activities.

## Challenge

This project was a newly built sporting facility. It was designed by a consultant. The Installer and TOA Canada's Technical support team worked closely together to program the equipment to ensure performance was met. Lots of frequency was added to deliver crisp sound.

## Solution

To provide superior sound coverage on the ice surface TOA's HX-5 Compact Line Array Speakers, complimented with the FB-120 subwoofer, were installed along ceiling rafters across the ice surface. The speakers are pointed appropriately towards the bleachers so that the fans can clearly hear the music, announcement and play-by-play. The speakers are powered by a powerful head-end of mixers and amplifiers.



## 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.