



### Medicine Hat Leisure Centre, Medicine Hat, AB

The Family Leisure Center is a place to feel empowered, where one's social, emotional, mental and physical needs can be met under one roof. They offer a wide variety of structured and unstructured health and lifestyle opportunities for individuals, families and entire communities. The Medicine Hat Family Leisure Centre is the largest indoor multi-purpose sports facility in the city. The building is 90,000 sq ft in the north end of the city. The facility includes an Olympic-sized ice rink, 50 m pool, waterslide, diving platforms, kiddies pool, wave pool, and cafe

### Products Used

- HS-1500BT Coaxial Array Speaker System
- F-1300BT Wide-dispersion Speaker System
- PC-580RU Series Ceiling Mount Speaker



### Purpose

The Medicine Hat Leisure Centre was searching for a new sound system for various parts for the 90,000 sq ft space including arenas and common areas. The project was in need of background music and a priority paging system for announcements throughout the building.

### Challenge

The centre has a system installed already but felt that the quality of the sound was poor and the sound reverberated in many parts of the building causing poor intelligibility for visitors. They also had a budget that needed to be met, and were very conscience of getting the best equipment for the money they were spending.

## Solution

TOA and the installer worked together to assess the entire system from the speakers and head end boxes of the system to develop the best way to approach this job. Once completed, it was decided that the amplifier and mixer currently installed were working well so the focus turned to transitioning the old speaker into newer and more effective TOA speakers. TOA recommended the F-Series wide dispersion speakers and PC-580 speakers specifically design for paging. Together with a few HS-1500BT Coaxial Array Speaker System, they provided a little extra power. Together the speakers greatly improved the intelligibility of the sound and produced great sounding BGM for the visitors



## Feedback

With the entire system working well together, and the clarity of the new sound, the end user was extremely happy.

## 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.