



Surrounded by Sound at the Northside Arena

Opening in the spring of 2007, the Northside Arena in Fredericton, New Brunswick, is the community's complete sports complex. Featuring two NHL-sized ice surfaces with a seating capacity for 1,000; community rooms; YMCA fitness; and a walking track, this facility is sure to turn heads in the community all year long.

Atlantic Alarm and Sound Ltd. were selected as the installer of choice by the Fredericton Northside Arena, based on their superior reputation in the Atlantic Provinces. They would be responsible for choosing, installing and servicing the facility's PA system. As a satisfied TOA Canada Corporation dealer, Atlantic Alarm and Sound Ltd. choose to use TOA's reliable and durable products in both ice rinks. "Anytime we install large PA systems, Atlantic Alarm uses TOA products." remarked Herman Kamphorst, Senior Technician with Atlantic Alarm and Sound Ltd.

Based in the Maritimes, Atlantic Alarm and Sound Ltd. has been in operation for more than 20 years, steadily growing into one of the major system integrators in Atlantic Canada. They provide products and services in the security, healthcare, sound, education, communication and related fields, throughout the Atlantic Provinces.

The main ice surface is the larger of the two and has two banks of seating on the sides. The smaller arena has seating on one side and is used for activities including high school hockey. Both arenas' PA systems are set up using a mixture of TOA's digital mixers, amplifiers and speakers, set up with similar configurations. All eight outputs on the D-901, Modular Digital Mixer, are being used.

These filtered outputs from the D-901 modules feed the IP-600D dual channel power amplifiers which then deliver the power to the HX-5's and FB-120's. Speakers for the main arena seating are in pairs of HX-5's and one FB-120 distributed down each side of the rink. The ice surface is covered using four pairs of HX-5's and one FB-120. The smaller ice surface is configured the same but using a smaller number of speakers. Using the D-901 allows for time aligning the centre ice speakers with the seating coverage and each group of speakers can be used independently depending on the need.

The patrons at the Fredericton Northside Arena are enjoying their new sports complex and coming up with creative ways to use the facility all year long. Atlantic Alarm and Sound Ltd. was happy with the ease of the installation and how well TOA's product is functioning in the facility. "The product is great to work with and support has always been available, which we appreciate. TOA provides great products and services that we enjoy working with and that keep a lot of our clients happy." proclaimed Mr. Kamphorst.