



## North Bay Healthcare Facility - North Bay, ON

The North Bay Regional Health Centre (NBRHC) is a unique healthcare organization with three primary roles. It provides acute care services to North Bay and its surrounding communities. The gross building area is 725,000 ft. sq. The facility includes the full range of departments normally found in a regional acute-care, 275-bed hospital, plus a new facility for the Northeast Mental Health Centre.

## Products Used

- 9000M2 Series Pre-Amplifier
- SP-11N SIP Module
- ZM-9014 Remote Control Panel
- DA-250DH Dual Power Amplifier
- F-1000WT Wide-dispersion Speaker
- F-2352CU2 2-Way Wide-Dispersion Ceiling Speaker
- PM-660U Paging Microphone
- Modules: D-001R ,D-001T, RC-001T



## Purpose

TOA already had some equipment in the North Bay Healthcare Facility, so it was not a surprise when a new project arrived with a request for an overhaul of the Public Announcement system. The customer required more zone to have direct paging and an improvement to the clarity of speaker sound.

## Challenge

The main challenge was the creativity to increase the multi zone paging which required The SP-11N SIP module and a couple of other communication enhancement modules.

## Solution

TOA changed the headend with the M-9000M2 Digital matrix mixer which allowed for easier integration with the other TOA equipment. Paging microphones were updated to the PM-660U and an additional ZM control panel was used. Considering the importance of having intelligible audio in a healthcare facility, they selected the high quality F-Series ceiling and box speakers across the building.

## Feedback

Once completed, the connectivity and improved audio was noticeable and staff member were very happy and felt the changes improved patient safety and their own.



## 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.