

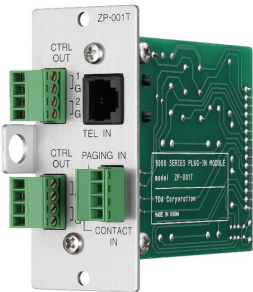


## Conseil National de Recherches Canada, Ottawa, ON

The National Research Council is the primary national research and technology organization of the Government of Canada, in science and technology research and development. The Minister of Innovation, Science, and Economic Development is responsible for the National Research Council.

## Products Used

- A-9120SM2 Amplifier
- DA-250F Multichannel Power Amplifier
- PC-580S Series Square Ceiling Speaker
- ZP-001T Telephone Zone Paging Module



## Purpose

The National Research Council was an older building that did not have the proper paging system it now required. With so many changes and the advancement in technology and new safety regulation to keep their staff, The CNRC/NRC need a 8 zone paging system. It was also very important to be able to communicate with everyone no matter where they were in the vast building.

## Challenge

Because of the buildings size and various rooms, it became challenging to provide the zone paging and background music system. The system also needed to be easy to use for staff members.

## Solution

After devising a design for the building system, with the help of TOA's Tech team and the building project manager, the equipment was chosen that best suited this application.

TOA's PC-580S is designed to fill the need for a high-performance, cost effective ceiling speaker for use in general paging and background music requirements. The A-9120SM amplifier was used with the ZP-001T module and configured to work in up to 8 paging zones which was required. All of this was powered by the multichannel DA-250F amplifier

## Feedback

The final system was installed with little difficulty and the resulting functionality was exactly what management needed. They were very satisfied.



## 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.