

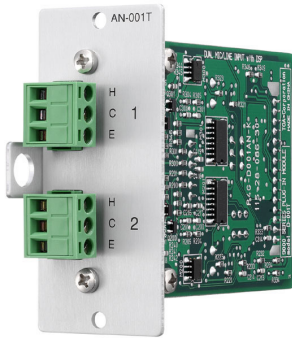


## Mic Mac Mall, Dartmouth, NS

The Mic Mac Mall in Dartmouth, NS, is the largest mall in the Maritimes and east of Quebec City. The mall is home to 160 top brand name retailers and services

## Products Used

- F-2352C
- M-9000: Matrix Mixer
- ZP-001T
- AN-001T
- DA-250



## Purpose

The Mic Mac Mall needed to upgrade the public address (PA) system, to ensure that it provided intelligible paging, especially emergency paging, while providing great sounding background music, which maintains a consistent volume level. The consumer area of the mall was slotted to receive the upgrades.

## Challenge

The previous installation in the mall frequently received complaints that voice paging was not intelligible and was often difficult to hear. (The approximate age of the system was 15 years.) The original speakers were flat 8" speakers tapped at 2 watts each. The amplifier rack contained three of TOA's 900 Series Modular Mixer/Amplifiers (A-903MK2), each having 60 watts of power consumption by 5 amps for the entire mall. The original amplifiers were over-burdened.

## Solution

Duocom's Halifax Office was selected to design, install and support the PA system for the Mic Mac Mall. The facility manager required that the upgrade be complete in a timely manner, setting a tight deadline for Duocom. Duocom selected TOA's PA products for the Mic Mac Mall based on the many features that TOA's products offer and how these features meet the requirements of the mall. TOA's PA products allowed for consistent sound levels throughout the mall; have good sound quality; and excellent zone paging features. Both Duocom and the facility manager at the mall liked the idea that the system can be monitored with an Ambient Noise Module (AN-001T). TOA was the best choice for Duocom because the products are easy to design and install, are versatile and offer a good price for the consumer.

Duocom upgraded the consumer areas of the mall by installing 151 of TOA's F-2352C - Co-axial 5" Ceiling Speakers. The old speakers were removed and TOA's speakers were retrofitted into the original location using trim rings to compensate for the existing larger speaker hole, ensuring a snug fit for the new speakers. The speaker spacing was fairly wide and worked well for the new speakers. These speakers are now tapped at 5 watts each versus the 2 watts of the original speakers. TOA's F-Series Ceiling Speakers are wide-dispersion providing enhanced sound throughout the mall, and better intelligibility for paging, emergency paging and background music.

## Feedback

The comments from the Customer Service Team at the Mic Mac Mall are very positive. "Pages can be heard and understood. We no longer have to re-page." The entire Mic Mac Mall management and staff are all very satisfied with the upgrade to the PA system and are certain that their jobs will be made easier.



## 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.