



## Mobis Parts Warehouse, Markham, ON

MOBIS Parts Canada (“MPCA”) is a technological leader in the automotive industry focusing on the distribution of parts for Hyundai Motor Company and KIA Motors. The newly build warehouse covers 550 000 square feet.

## Products Used

- HA-1010 Long Range Slim Array Speaker
- SC-630TU Paging Horn Speaker
- SP-11N SIP Module
- PC-580RU Series Ceiling
- PM-660U Paging Microphone
- 9000 Series Modular Digital Matrix Mixer/Amplifiers
- EV-20R Sound Repeater
- DA-500F-HL Multichannel Power Amplifier



## Purpose

With such a large facility, designing an intelligible mass notification system to communicate with the many staff members was important to company management. They request a audio and paging system that can be heard across all sections and every aisle of the warehouse. They also required paging from SIP phones and a shift change tone.

## Challenges

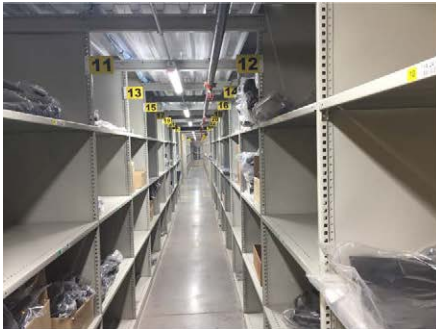
Large facilities with high aisles tend to muffle and reduce sound. Also along with the warehouse section there are other rooms, storage areas and an office portion. How would TOA design a audio system to exceed the expectation for management while effectively creating a paging system that can be heard by all employees and offer the options they needed..

## Solution

TOA's design team provide a total TOA solution with the head end speakers and additional system equipment. Our HA-1010 line arrays took the brunt of the work and were spread strategically in the warehouse. They performed amazing in delivery clear sound in the large warehouse. SC-horns were used in smaller areas while the PC-580 were installed in the office. Sound was controlled by our 9000 series matrix mixer and powered by our DA amplifiers. The SP-11N SIP module integrated with the phone system. We also include a EV-20R Sound Repeater for shift change and AM/FM synthesizer tuner.

## Feedback

The speakers were positioned throughout the building successfully resulting in terrific sound Intelligibility. Management was ecstatic with the quality of the audio and the employees appreciated the improved mass notification, making them feel safer.



## 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.