



Steelcraft Doors, Edmonton, AB

Steel-Craft Door Products Ltd. has been manufacturing residential, commercial and industrial doors since 1963. The 325,000 square foot manufacturing facility is located in Edmonton, Alberta, Canada.

Products Used

- SC-630TU Paging Horn Speaker
- DA-500F-HL Multichannel Power Amplifier
- BG-2120 Mixer Amplifier
- F-122CU2 Wide-Dispersion Ceiling Speaker



Purpose

The company needed to install a paging and notification system in their facility to create reliable mass notification structure for a safe employee environment in case of emergency.

Challenge

There quite a few challenges at the location as it included a manufacturing area and office. With the high ceiling and noise level on the floor of the manufacturing space, it was key to have the ability to have the announcements both loud and clear enough so everyone can understand the message. The speakers and horns had to be strategically placed throughout the building for optimal sound distribution.

Solution

The TOA Regional Sales Manger walked the facility with a sound meter to determine noise requirements. With that data TOA began the process of using the EASE software to design a system that would overcome the challenges. The Design provided the proper placement of the speakers for best coverage by formatting the best height distribution and total number of speakers/horns. TOA recommended the highly efficient SC-630TU horn for the large space and F-12CU2 ceiling speakers for the office area.



Feedback

The resulting sound was intelligible across all areas of the facilities and the customer was very satisfied and confident that in case of emergency they had the right system in place.



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.