



McGill Atrium Cancer Centre, Montreal, QC

The Rosalind and Morris Goodman Cancer Research Centre is a recognized world-class research centre, contributing to innovative developments in the treatment and ultimately the cure for cancer. This state of the art centre has energized cancer research at McGill, attracting internationally-renowned investigators.

Products Used

- A-9120DHM2 Series Matrix Amplifier
- DA-250F Multichannel Power Amplifier
- SR-H3L Line Array Speaker
- FB-120B Subwoofer System
- 5000 Series Handheld Microphone System



Purpose

The University wanted to update the atrium's overall appearance and at the same time create an open space for presentations and events. This required an improved audio system that delivered intelligible sound, versatility; for the different activities and easy for the staff to use and change the configurations.

Challenges

The building consisted of a glass exterior and plenty of glass in and around the atrium section. In the atrium there were a lot of hard surfaces and different levels of ceiling heights. The big challenge was the prevalence of reverberation of the sound from the previous sound system. Designers also need to take into account the noise levels through out the atrium.

Solution

System designers landed on using the SR-H3L line arrays to control and direct the sound dispersion. By strategically installing the line arrays in certain areas, the sound was focused to the main presentation space. Adding the subwoofers added the low frequency enhancement for the loudspeakers. The system came together with a head end of TOA's A-9000 Digital Matrix Mixer/Amplifier and powered by the DA-250F.

Feedback

A few weeks after completion of the installation of the audio system, the University reached out to the integrator and TOA to offer their excitement on the performance of the system and thanked us for our strong execution.



About TOA Canada Corporation

TOA Corporation was founded in Kobe, Japan over 85 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.