



Ontario Shores Centre for Mental Health Sciences, Whitby, ON

Ontario Shores Centre for Mental Health Sciences (Ontario Shores) is a public teaching hospital providing a range of specialized assessment and treatment services to those living with complex and serious mental illness.

Products Used

- DA-500F-HL Multichannel Power Amplifier
- HS-1200HW mounting brackets
- HS-1200WT Coaxial Array Speaker System
- PC-1869S Ceiling Mount Speaker



Purpose

Part of an entire overhaul of the auditorium the team want to create an excellent AV experience with quality clear sound.

Challenge

Create a sound within the auditorium that does not sound as if you are standing at mid-court of an arena. With only 130 seats and regular groups as small as a dozen it was key that the sound dispersion was ideal for large and small groups. The resulting set up would also need to blend well with the aesthetics of the auditorium.

Solution

The solution was to establish zones for the six Shure microphones that hang from the auditorium's ceiling (these were repurposed from the previous iteration of the auditorium) and the 12 TOA PC in-ceiling speakers (a 12-inch TOA woofer is also installed, to add some dimension to the spoken word), all powered by a four-channel TOA DA500 amplifier.

Feedback

The resulting full system worked very well and specifically the sound quality throughout the auditorium.



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.