

Creating an Impact On the University of Windsor's Basketball Court



University level sport demands a lot from both the school and the athlete, including, a great venue with a first class audio system, so the cheering crowd can hear the announcer and the excitement the music creates. The University of Windsor's Basketball Court, which seats 1,600 spectators on fold-up bleachers, updated their 20+ year old audio system to increase the impact of the audio system and to create a high-energy mood for the spectators during competition. Courtside control was important to the University of

Windsor, so they could effectively make announcements, cue appropriate sounds and volumes for various situations. To achieve this, the University, choose TOA's reliable products, creating high impact sound.

TOA Canada Corporation proved the necessary impact in the basketball court and bleachers by designing and providing EASE drawings of the venue and how TOA's products would react in the environment.

To create the impact and sound desired, the University had eight of TOA's SR-C8L Line Array Speakers strategically mounted throughout the venue, covering the mids and highs; the bass was created using four of TOA's SR-C15B Subwoofers. The SR-C Series Line Arrays were designed to provide optimum coverage of the bleachers. To provide proper sound coverage at court level, four HX-5B Compact Array Speakers were assembled into two arrays facing 90 degrees down with one set covering each end zone of the court.

The head end equipment is assembled in a rack located in an ante-room off of the lobby. Driving the audio system are five DA-500F, 4 Channel Amplifiers. The system is mixed using TOA's new D-2008SP Digital Mixing Processor.

To provide courtside control, TOA's Q-D-2012C Remote Control Console Unit has been linked wirelessly to the D-2008SP using a router and gateway connection. The audio provided from a music source (iPod) is sent via TOA's Audio Network Adapter, NX-100, over the wireless network to the D-2008SP Digital Mixing Processor. This provides the announcer with courtside control for announcements and cueing the appropriate sounds and volume levels.

The installation was successful with many of the faculty and spectators expressing appreciation for the high quality sound and dynamic impact the system is able to generate in the basketball court and bleachers.