



O'Shaughnessy Auditorium Nabs New Biamp Network

St. Paul, MN (November 29, 2005)--Located on the St. Paul Campus of The College of St. Catherine, The O'Shaughnessy Auditorium plays host to concerts, lectures and theatrical performances. Recently, stage manager Kevin Jones and production manager Greg Morissey turned to Bloomington, MN-based Audio Logic Systems to design and install a new digital audio network that could outperform the auditorium's current network.

For the project, Project Manager Justin Neill at Audio Logic Systems used Biamp's AudiaFlex Digital Signal Processor. The system employs an AudiaFlex CobraNet Module so that front of house sound can be routed from the soundboard to the rackroom via Cobranet and processed by an AudiaFlex platform.

To anchor the entire system, the Audio Logic Systems team installed an AudiaFlex CM processor in the rack room to facilitate the systems routing and processing needs. They also called on the Biamp AudiaExpi and AudiaExpo expansion modules. At the front-of-house mixing point, they added an AudiaExpi analog and an AudiaExpi-D digital to collect sound from the soundboard and route it via Cobranet to the AudiaFlex located in the rack room. This combination of analog and digital expansion units can facilitate the school's Yamaha PM5D digital mixer as well as a visiting musical act that might supply their own analog mixing board.

In the rack room then, an AudiaExpo-D digital module has been added to receive the front-of-house signal and process these signals for the d&b audiotechnik Q1 PA system. This Expo module feeds directly into the output amps, ensuring that the system signal is digital through the entire routing process right up until it reaches the output amps.

The Audio Logic team was able to install a Xantech touchscreen remote control to select the various preset front-of-house input configurations. These configurations include routing sound to the floor only as well as other front fills on the front of the stage. The auditorium operator can easily manipulate sound distribution via a unique program that has been installed in the AudiaFlex processor.

Biamp Systems
www.biamp.com