

TUFTS UNIVERSITY
Cohen Auditorium
 Medford, MA

Project Partners

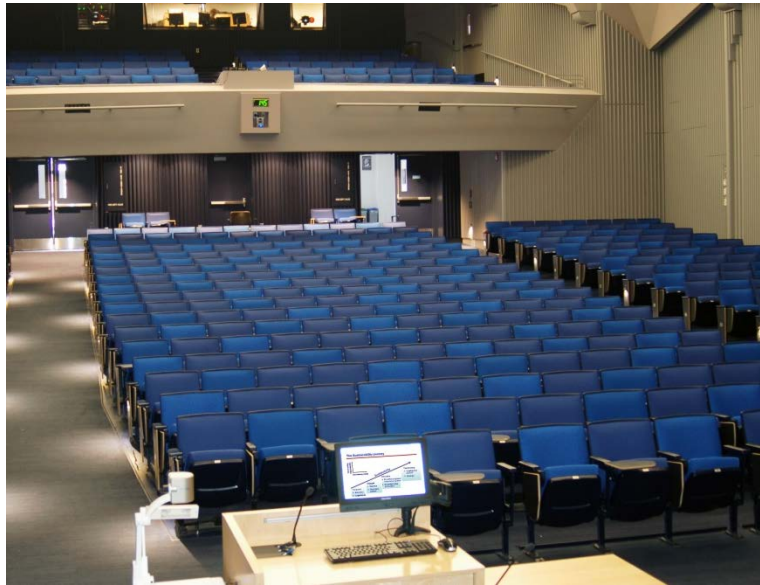
RDK Engineers
 Structure Tone
 Leers Weinzapfel Associates

Trends

Technology Integration
 Real Estate Optimization

Solutions

Audiovisual



Cohen Auditorium view of lectern and control room



LCD Eiki Projector

Tufts University upgrades Cohen Auditorium to be a flexible, multipurpose venue with a professional AV system.

Tufts' Cohen Auditorium underwent a significant renovation summer 2013 and Red Thread was tasked with upgrading the audiovisual components into a sophisticated, state-of-the-art system. Tufts realized the need for a comprehensive audiovisual solution that had seamless functionality for a wide range of events from lectures to professional theatrical performances. The solution features a LCD Eiki 10,000 lumen projector, a sound system with 2 JBL clustered high fidelity speakers combined with Bose surround sound speakers, and a wireless intercom system. The Crestron touch panel provides unified system control of the components at the lectern, in the control booth, and backstage, supporting performances and presentations with annotation as well as recording, archiving and streaming of content.

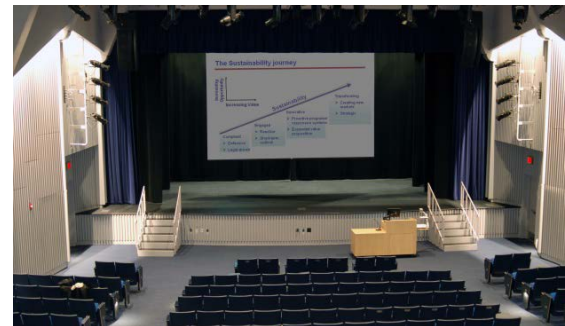
Technology solutions.

By integrating an array of professional grade products, Red Thread performed a complete audiovisual system upgrade for the auditorium. A new Crestron control system was installed with 3 touch panels; for the lectern, for backstage and one for the control room. The system not only provides control of the audiovisual components, but also integrates with a comprehensive lighting controller. Input sources include laptop and desktop computer, CATV, auxiliary rack inputs and composite video feeds from the control room.

Performances and larger presentations are supported with a LCD Eiki projection system and two JBL program speakers coupled with four Bose surround sound speakers. Audio reference monitors are mounted backstage to support performers and display monitors are mounted in the Lobby for overflow audiences as well as in the green room and manager's office. The stage crew is supported by a wireless intercom system. In addition, a 24 channel analog audio mixer provides control of audio mixing and routing. Recording capabilities of DVI, VGA and audio outputs are housed in new rack cabinets in the control room.

When used for lectures, the integrated lectern is equipped with audio sources that include gooseneck, handheld and wireless lavalier microphones. The 21" tablet at the podium supports annotation, controls the system interface and has audio/video output for future streaming or recording capabilities.

- LCD Eiki 10,000 lumen 1920x1080 resolution projector
- Crestron Control System with multiple (3) touch panels
- 2 JBL 5 cluster Program Speakers
- 4 Bose surround sound speakers
- 24 Channel Analog BiAmp
- Tesira Audio Mixer
- Clear-Com wireless intercom system



View of new lectern/projection screen



Desktop input with gooseneck mic Control room rack