

McCARTER THEATRE CENTER

Berlind Theatre
Princeton University
Princeton, NJ



PROJECT DESCRIPTION

The 27,000 square foot addition of the Berlind Stage (pictured) to the McCarter Theatre gives patrons an intimate and unique theatrical experience. The auditorium features stepped stadium seating for 360 that allows excellent visibility of the stage from all seats.

The design team went to great lengths to ensure that the Theatre would be able to hold events in the adjoining Matthews Theatre and the Berlind Stage simultaneously without any sound transferring from one space to the other. The two stages share a common loading dock, and the back walls of each stage back up to one another. Heavy, structurally discontinuous constructions and a deep airspace ensure that the quietest moment of an intimate drama in the Berlind Theatre can coexist with the most bombastic of live performers in the Matthews Theater without any acoustical intrusion.

The Stage sound system provides professional performance features with permanent loudspeaker systems at the center and either side of the proscenium; receptacles are located throughout the theater for portable loudspeakers. The sound control console provides control of microphones and playback sources and can be located in the booth (for dramatic events) or at the rear of the audience (when initial control of audio levels is required.) A computer-based audio workstation provides sophisticated capabilities for recording, editing, and playing back sound effect and other audio. Support systems include a headset intercom for the production crew, backstage monitoring / paging, lobby monitoring, and audience recall.

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CONSULTING SERVICES

- Sound system design
- Architectural acoustics
- Mechanical system noise and vibration control

REFERENCE

Jack Martin
Hardy Holzman Pfeiffer Architects
902 Broadway
New York, NY 10010
(212) 677-6030

