

# projects



## woolly mammoth theatre company

**Client:** Woolly Mammoth Theatre Company

**Location:** Washington, D.C.

**Seat Count:** 265

**Project Type:** New Construction

**Opening:** 2005

**Architect:** McInturff Architects

**Contact:** Howard Shalwitz | Artistic Director | 202.312.5266 | Kevin Moore | Managing Director | 202.312.5260

**AD Scope:** Acoustics | Sound Isolation | Noise Control | Audio Systems

The Woolly Mammoth Theatre Company ignites an explosive engagement between theatre artists and the community by developing, producing and promoting new plays that explore the edges of theatrical style and human experience. The design of the theatre stresses visual intimacy, by providing a very tight multi-level seating plan. This helps to provide an acoustically exciting and intimate environment.

Enhancing the acoustical quality and intimacy of the theatre, the mechanical system was designed to be totally silent. A simple yet clever air distribution system was developed, using all open-ended ducts (no diffusers) that shoot air horizontally out and down from the catwalk level. The primary acoustical challenge of this project is that the entire theatre complex is built into a residential development. There are outdoor spaces and residences located directly above the theatre, a parking garage directly below, and a loading dock adjacent to the theatre. Complete room-in-room construction was not feasible, owing to severe cost restraints. Instead acoustic control was integrated directly into the structural systems design.