

projects



ted mann concert hall

Client: University of Minnesota

Location: Minneapolis, Minnesota

Project Type: New Construction

Seat Count: 1200

Opening: 1998

Cost: \$9M

Architect: HGA

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AD Scope: Acoustics | Loudspeaker Design

Although Ted Mann Hall was designed as a theatre with a full stage house to accommodate grand opera as well as touring productions, concert hall acoustics were given top billing. Acoustical flexibility and quality were established as the highest priorities for the new building.

Many adjustable elements were designed to allow the transformation from a theatre to a concert hall. Moveable elements allow the proscenium opening to be opened up to 60 ft wide by 38 ft high, and two lifts downstage of the proscenium help create an extended forestage, which allows the majority of the orchestra to play downstage of the proscenium in the same acoustical volume as the audience. Portable concert towers and concert ceiling panels provide beneficial reflections to the musicians in a large orchestra setting. Within the audience chamber, the retractable sound absorbing curtains can be extended to reduce the level of reverberation. In addition to creating flexibility in the acoustics for artistic expression, the curtains are also used to compensate for the effect of an audience, which is helpful for rehearsals.

ACOUSTIC DIMENSIONS