



Educational Projects—Concert Halls

Music School

**University of South Carolina
Columbia, South Carolina**

Site constraints at the University of South Carolina Music School dictated that all the building's spaces—recital/lecture hall, rehearsal rooms, classrooms, library, practice rooms, and faculty studios—be stacked or adjacent. JaffeHolden designers responded to the need for excellent sound isolation by specifying floating floors and box-within-a-box construction. Adjustable curtains vary acoustics in the 275-seat recital/lecture hall depending on whether the room is used for performance or instruction. Rehearsal rooms, too, possess movable curtains to alter acoustics for different kinds and sizes of ensembles. All the spaces in the facility can be used for recording via audio and video links to a central recording studio control room.



Camp Concert Hall, Modlin Center for the Performing Arts

**University of Richmond
Richmond, Virginia**

Part of the renovations and additions to the Modlin Center included a new theater for the drama department, freeing the 800-seat Camp Theater for music department use. This required a complete renovation of the theater in order to make it conducive to a concert hall environment. Our acoustical design work involved creating a permanent stage enclosure for the orchestra, extending the stage platform into the hall through the old proscenium, hardening all wall surfaces and replacing the ceiling with a hard sound reflection cap. The results are a room that is spectacular for chamber orchestra and medium size ensembles. The project included acoustic treatment for the rehearsal studios, practice rooms and teaching studios.



River Center for the Performing Arts

**Legacy Hall
Columbus, Georgia**

The 450-seat Legacy Hall at River Center for the Performing Arts is a state-of-the-art venue specifically designed for the performance of classical, unamplified music. Also housed in the Center is the Schwob School of Music, a 150-seat Studio Theatre and the 2,000-seat Bill Heard Theatre. The acoustics in Legacy Hall may be adjusted using several special features. The maximum reverberation time is approximately three seconds without deployment of its special acoustical curtains. A three second reverberation time is appropriate for organ music, one of the Hall's central features. Depending on the deployment of the acoustical curtains that suspend from the ceiling, the reverb may be reduced to approximately two seconds. Soaring overhead, decorative panels of wood provide aesthetic beauty, as well as acoustic function to the Hall. The Schwob School which includes four large rehearsal halls and dozens of studios and practice rooms will rely on the Legacy Hall to draw new students and faculty to compete with the best music schools in the country.

