

COLLEGE OF CHARLESTON ARENA



The College of Charleston constructed the Carolina First Arena to provide a state-of-the-art home for their men's and women's basketball and volleyball teams. The 190,000-square-foot facility has an arena seating capacity of 5,100 spectators and a high-end hospitality room.

AVANT ACOUSTICS provided the following services:

- Room acoustics consultation
- Sound reinforcement system design
- On-site system commissioning, including operator training and assistance during the first use

Project Highlights:

The sound system in the arena consists of 6 loudspeaker clusters providing audio coverage to the floor and 16 loudspeaker clusters providing audio coverage to the seats. Ceiling-mounted loudspeakers are installed at the concession areas, as well. The system also includes a sound-operating location with securable custom millwork to house the mixing console, all the program source equipment, and other equipment requiring attention by the operator during an event. The hospitality room includes a sound system that can either be used as an independent system for local events or as an extension of the arena. There is an audio-visual system in this room, as well, which includes a large projection screen and projector and inputs for laptop computers, DVDs, and VCRs.



Project Location:

Charleston, South Carolina

Facilities:

Arena & Hospitality Room

Client:

Betsch Associates, Inc.

Designer:

Jill C. Elmers