

Peoria Civic Center

Peoria, IL



Carver Arena

Home of Rivermen Hockey, Peoria Rough Riders arena football team, Bradley University Basketball, IHSA Boys Basketball State Tournament, Central Illinois Auto Show, major touring productions and concerts.

Acoustically Challenging

Like most facilities of this nature, a sound system for this room is acoustically challenging. The large volume and many hard reflective surfaces add to create a significant reverberation time. The seating arrangement changes also needed to be considered in the design of the installation. Knowing the complexity of a project like this TEC arranged for the technical expertise of the Audio Systems Group (ASG). ASG was hired to do a complete acoustical study of space. Based on the results of the study, recommendations were made for a new system that would provide maximum intelligibility, consistent coverage and the highest level of fidelity affordable.



Design & Installation

- Engineering the suspension of all speaker systems
- Conduit system layout
- Electrical power distribution
- All testing and installation of equipment
- Preliminary balancing and tuning of the systems



*Main
rack
system*

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