

## JUNCTION CITY HIGH SCHOOL AUDITORIUM



Settles Auditorium at Junction City High School in Junction City, Kansas, is a multipurpose auditorium used for musical performances, drama performances, and school assemblies. The Auditorium was recently renovated to update the sound reinforcement and audio-visual systems.

### AVANT ACOUSTICS provided the following services:

- Sound reinforcement system design
- Audio-visual system design
- On-site system commissioning including operator training and assistance during the first use

### Project Highlights:

AVANT ACOUSTICS designed and commissioned the sound reinforcement and audio visual systems for the Auditorium. One of the design goals of the project was to reuse an existing opening in the ceiling at the front of the room as a loudspeaker location. Sub-bass loudspeakers in a cardioid configuration were hidden in the opening above the ceiling. AVANT used a LCR (left, center, right) design incorporating Bose RoomMatch arrays to provide highly intelligible and consistent audio coverage throughout the entire Auditorium, while allowing for stereo imaging and the use of effects for dramatic productions. A high-definition projector and a 216-inch diagonal motorized projection screen provide multimedia presentation capability in the Auditorium.



### Project Location:

Junction City, Kansas

### Facilities:

Auditorium

### Client:

Schaefer, Johnson, Cox, Frey Architecture

### Designer:

John M. Hodgson