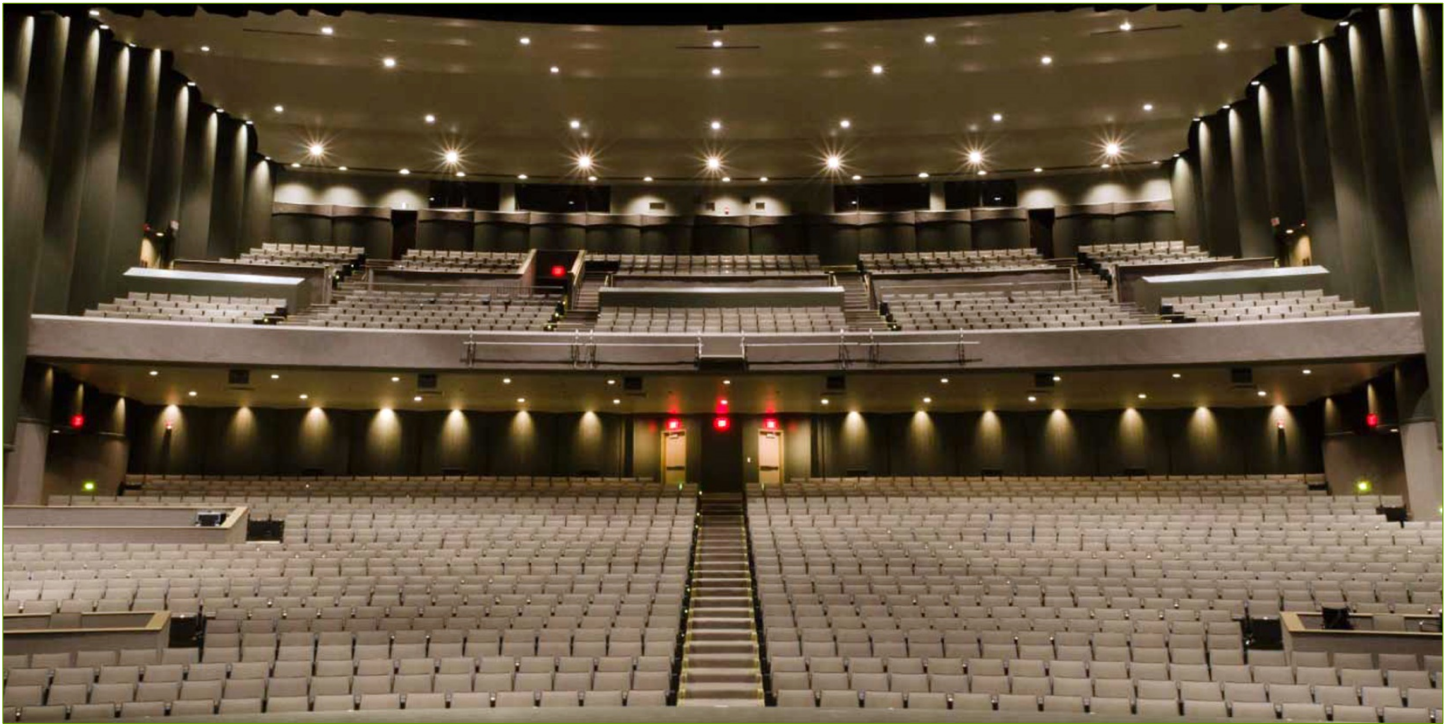


## MARK C. SMITH CONCERT HALL



The renovation of the 2,000-seat Mark C. Smith Concert Hall at the Von Braun Center in Huntsville, Alabama, included a new entrance lobby, a new sound system, and upgrades to interior materials and mechanical equipment.

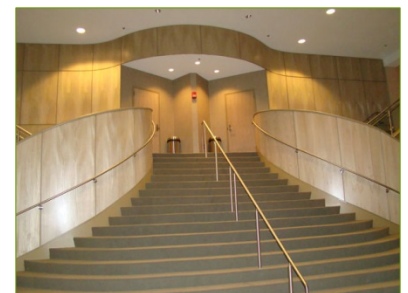
### AVANT ACOUSTICS provided the following services:

- Room acoustics consultation for the auditorium and lobby area
- Mechanical noise control analysis and recommendations
- Sound reinforcement system design
- On-site system commissioning including operator training and assistance during the first use

### Project Highlights:

AVANT ACOUSTICS carefully crafted the design of the new loudspeaker cluster around the existing perforated opening in the proscenium, creating even coverage, yet maintaining the aesthetics of the space.

The front end of the sound system is a digital mixing console that utilizes a digital audio snake to transport audio from the stage to the sound booth in the seats. This configuration minimized the installation impact of the new system on the existing space and allows for flexible routing and patching for the end user.



**Project Location:**  
Huntsville, Alabama

**Facilities:**  
Concert Hall

**Client:**  
Matheny Goldman

**Designer:**  
Robert G. Ledo