


ARCHITECTURAL ACOUSTICS

 Technology and acoustics work in concert to achieve highly functional collaborative/presentation spaces that are easy to operate and allow enhanced communication.



The field of architectural acoustics provides for a comfortable environment, clear speech, and immersive music, while forwarding the architect's aesthetic vision. Similarly, audio-visual (AV) design provides positive means of communication for collaboration, critical thinking, and artistic expression. SLR's acoustics and AV team offers a broad range of services in nearly every vertical market. With decades of experience, our team is versed at implementing practical solutions to the most complex challenges.

SERVICES

- AV system feasibility, budgeting, design, bidding, and commissioning
- Conceptual presentations highlighting functional capabilities and future trends
- Collaboration solutions including telepresence
- Digital media content, acquisition, processing, and transport design including broadcast
- Video content endpoints including digital signage, video walls, and architectural projection
- Performance-oriented microphone, mixing, signal transport, and loudspeaker system design
- 3D computer modeling for precise loudspeaker placement
- Reverberation analysis and reflection studies
- Mechanical system noise and vibration field testing and isolation design
- Floor/ceiling and partition design and field testing
- Speech privacy design and testing
- Baseline noise monitoring and impact analyses
- Facility compliance analysis and testing
- Sound masking system design and commissioning
- Site exterior noise acceptability sound monitoring and modeling
- Outdoor to indoor field measurements and modeling

OUR MARKETS

- Broadcast
- Law
- Cinema
- Multi-Family Residential
- Command and Control
- Oil and Gas
- Commercial
- Corporate
- Performing Arts
- Recording
- Healthcare
- Retail
- Education
- Transportation
- Worship
- Hospitality



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