SDA Consulting, Inc.
SPECIALIZING IN AUDIO, VIDEO & ROOM ACOUSTICS

GREAT ROOMS DON'T HAPPEN BY ACCIDENT.

We measure how your space and sound system really perform, then tell you exactly what to fix first.

IDEAL FOR

Churches & worship spaces
Auditoriums & performing arts
Schools & lecture halls
Gyms & arenas
Council chambers
Conference & training rooms
Restaurants & event venues

WHY START WITH A STUDY?

Fix the real problem first
Avoid trial-and-error spending
A clear plan for your board
Better sound for every listener

SCHEDULE YOUR STUDY

612-781-0033
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SDA-consulting.com

PROFESSIONAL SERVICE

Acoustical & Sound System Study + Report

An on-site evaluation of your room and sound system, with calibrated measurements and a clear, prioritized report you can act on.

WHAT WE EVALUATE

ROOM ACOUSTICS

- **Reverberation (RT60)** — by octave band vs. targets
- **Background noise (NC)** — HVAC & mechanical
- **Sound isolation** — room-to-room & exterior
- **Reflections** — echo, flutter & focusing
- **Loss of acoustic proximity** — direct vs. reverberant

SOUND SYSTEM

- **Coverage & level** — SPL uniformity
- **Speech intelligibility (STI)** — at target seats
- **Tuning** — frequency response, delay & EQ
- **Gain before feedback** — stability & mic setup
- **Equipment & signal flow** — condition & setup
- **Assistive listening** — ADA coverage

HOW IT WORKS

1. **Discovery**
   Goals, room use, drawings & known issues.
2. **On-site testing**
   Calibrated room & system measurements.
3. **Analysis**
   Results vs. targets; modeling as needed.
4. **Report & debrief**
   Findings reviewed with your team.

WHAT YOU RECEIVE

- Plain-language executive summary
- Prioritized fixes: quick, mid-range & capital
- Marked-up floor plans
- Measured data, charts & coverage maps
- Treatment & system options with budgets
- A basis for design, specs or bidding