



*What is
 Next in the
 Recording
 Process?*

We recently received a letter from a recording engineer experienced in conventional recording who was writing in response to several articles that we have published in our Newsletter on the In-The-Ear™ recording and playback process. It wasn't very friendly. It caused us to do a bit of thinking about our role in a few of the new developments that we have been involved in.

When we brought the LEDE™ concept to the attention of the industry, we didn't bring along experience in control room design—but concepts to be explored. The really bright people in our industry took those ideas far beyond what we could do—the early pioneers in LEDE control room design, Chips Davis, Russ Berger, Neil Muncy, Charles Bilello, and most of all, Peter D'Antonio.

Now we have put forth another new concept that we feel needs to be explored: the recording and playback process. Our friend from the recording industry was asking me to explain why, why, why. That is what I want the thinkers in the recording industry that are not bound by conventionality to ask themselves—why? Then try. Try ideas based on their vast experience but with a glimmer of a new idea plugged into their thinking.

Note that the names I mentioned above, the people who advanced the concept of LEDE control room design beyond what we conceived, were not in the control room design when LEDE was first conceived. Who are they now? The major force in control room design today! Maybe the same will be true in the recording industry.



*Study of the
 Reflected
 Energy in a
 Worship Space*

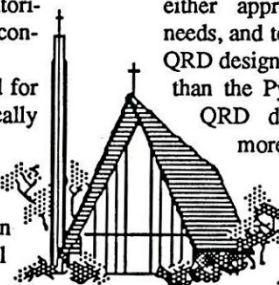
Michael Garrison of His Sound in Fresno, CA was hired by Calvary Church of Santa Ana, CA to do a study for their 3,000 seat auditorium, which was under construction.

The ceiling designed for the church was acoustically acceptable but proved too costly for the congregation. Mike was employed to develop an alternative acoustic panel design.

Mike did a very exhaustive study (AES preprint 2879). At the conclusion of the preprint, Mike writes,

"We recommended that the church research the cost difference between the Flat Ceiling design with a

total of 424 QRD's inlaid (four per full panel, two per half panel) and the Pyramid Ceiling design. We felt that either approach would meet their needs, and to our pleasant surprise, the QRD design bids came in \$50,000 less than the Pyramids. Furthermore, the QRD design saved the church more than \$150,000 from the original curved plaster panel design."



The final plan that was worked out with the architect includes 1080 2 x 2 QRDs in the main ceiling, arrayed in clusters of 3x4 units; 119 2 x 2 QRDs over the choir, for a total of 1,199 units.

If you ever wondered what Peter D'Antonio does in his spare time!