Grace Lutheran Church

Equipment

S-4000S
S-4000H
S-4000R System Remote Controller

Introduction

A church in Jacksonville, FL, adds multipurpose AV to accommodate the different acoustical demands of various events.

Challenge: Create an easy-to-use yet budget-conscious AV environment capable of supporting basketball games, meetings, and worship services — all in a single space.

Solution: Use an in-house team to install a Roland RSS S-4000 Digital Snake.

Grace Lutheran Church in Jacksonville, FL, has grown tremendously in the last few years. In order to accommodate this rapid growth the church decided to build a multi-functional fellowship hall called the Family Life Center. The AV system required the most forethought because it would be confined to the large gymnasium that occupied the majority of the building's space. Grace Lutheran's congregational audio engineer Rick Charlton and congregation president Craig Boesdorfer envisioned a fully functional gymnasium that would also be capable of producing high-quality sound for years.

Bruce Lee, owner of Jacksonville-based AV design-build firm Pro AV Inc was chosen to do the system design. Charlton chose Lee because the two had worked together on the successful redesign of Grace Lutheran's main sanctuary a few years prior. Charlton also selected Lee because Charlton felt comfortable installing the larger, more labor intensive AV components the project required, and knew that Lee often recommends that clients perform the majority of the more costly installation work on their own.

Because the church planned to complete the AV installation using volunteers and Charlton's supervision, Lee wanted to design a system that would be as simple to install as possible.

Lee and Charlton decided on a system that would include three selectable audio options: one to accommodate athletic events, one to support music and microphones for meetings and events, and a lastly an option that would use a digital audio mixing system to provide control for contemporary worship services and live performance events.

"Even though sound quality was an important factor in selecting the RSS Snake, the flexibility of the system was the key selling point. We're thrilled to have invested at the beginning to have a system to grow with us for years."

- Rick Charleton, Audio Engineer, Grace Lutheran Church

System

Lee chose to install RSS Systems S-4000 Digital Audio Snake because it is easy to install for volunteers, and it would save time and money. Lee also chose the Digital Snake because digital audio over Cat5e has less chance of RF interference and the audio quality is maintained no mater the length. Lee had heard about the product, but hadn't yet had the opportunity to use it and he was very pleased with the results.

Lee says the digital snake drastically cut back the amount of labor and cable pulling an analog system would have required because it sends all audio signals over a single Cat5e cable to front of house unit and then to the Yamaha digital mixing console.

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The digital snake also includes XR-1 remote-controllable mic preamps, so the extra cost of the digital system was nearly offset by eliminating the need to purchase additional mic preamps.

In the future Lee will continue to spec the RSS Digital Snake for it ease of use, installs in minutes and provides excellent sound quality.

More Information

See the full story at: www.**rssamerica.com/stories**
Product Information: **www.rssamerica.com/snake**
Consultant Resources: **www.rolandsystemsgroup.com**

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