

## Pro64 Digital Snake at First Presbyterian Church of the Covenant



First Presbyterian Church of the Covenant in Erie, PA

### APPLICATION

Digital Snake

### MARKET SEGMENT

House of Worship

### LOCATION

Erie, PA

### PRODUCT LINES

Pro64®

### PRODUCTS

2 6416m Mic Input Modules

2 6416Y2 A-Net Interface Cards

### TESTIMONIAL

"The Aviom digital snake gave us the flexibility to do what we needed to do, and it allows for the expansion that the church may need."

**Dave Hosbach**

Lead Audio/Video Design Consultant  
Riedel & Associates, Ltd.

### FEATURES AND BENEFITS

Using Cat-5 cabling simplified installation in a historic structure

Reduced maintenance burden

System design allows it to be easily expanded

### INSTALLATION DETAILS

When Dave Hosbach, lead audio/video design consultant for Riedel & Associates, Ltd., was asked to design an up-to-date audio system for First Presbyterian Church of the Covenant in Erie, Pennsylvania, the challenge was to design an inconspicuous system in a sanctuary built in 1929 that would be easy for church volunteers to use and that could be expanded as the church's needs change. Because the church had thick, stone walls, one problem was how to handle the wiring from the platform to FOH without it becoming unwieldy. Hosbach and systems integrator, John Malek, president of Ann Arbor Audio, chose a Pro64® Aviom digital snake to simplify installation and give the church the flexibility it needed.

Neal Wurst, a member and volunteer at First Presbyterian, says, "Using Aviom centralized the equipment needed and gave us the huge advantage of using Cat-5 to connect to front of house."

The system design includes two 6416m Mic Input Modules located in racks directly underneath the platform and two 6416Y2 A-Net® Interface Cards installed in the Yamaha® M7CL-32 console located in the balcony of the church at the FOH position.

In this way, 32 mic-level signals are sent directly into the church's FOH console and controlled remotely using m-control™ for Yamaha digital consoles, a feature that adds to the system's flexibility and is a "beautiful addition that makes the system a real joy to work with" according to Malek.

A split to recording or another location can easily be achieved by adding an output module or console card at a second console that the church brings in when needed.

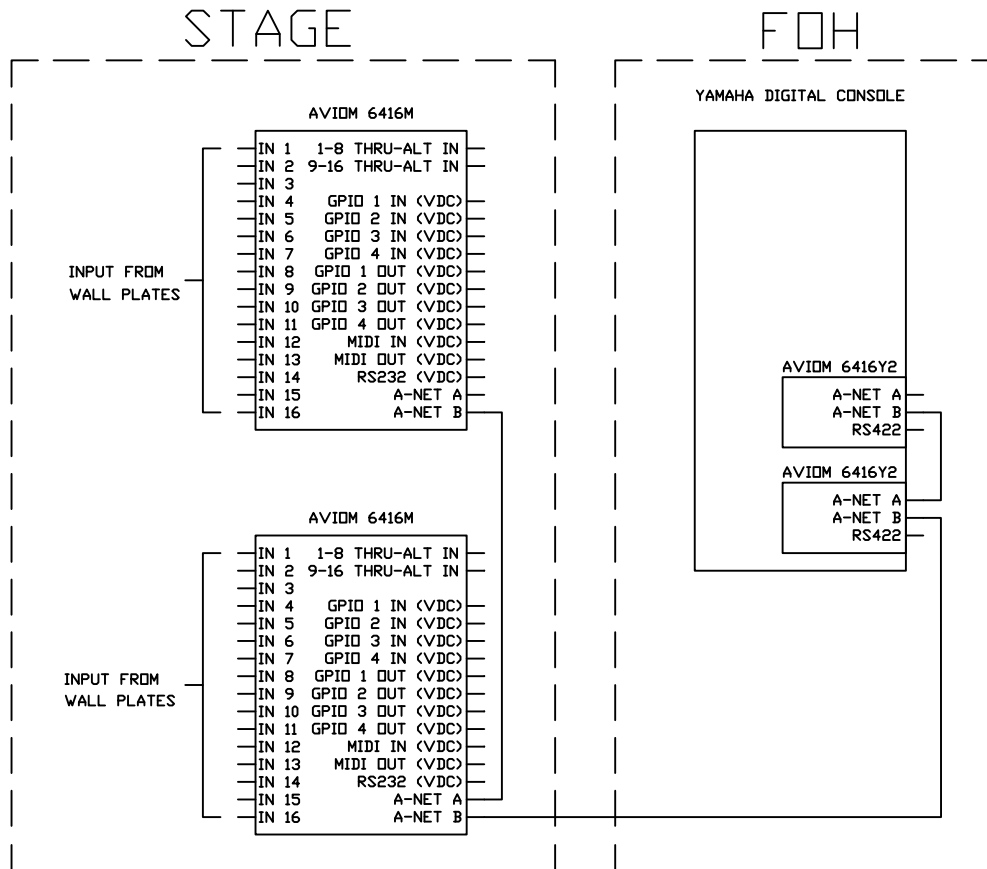
Because Malek's office is not in close proximity to the church, he appreciates the reliability of the system and how easy it is to use. He says, "We plugged it in, set it up, and it works. The system hasn't required any adjustments. It is rock solid equipment."

Wurst, Hosbach, and Malek are all pleased with the sound in the church. Hosbach says, "An obvious benefit of the Aviom system is the purity of the audio signal being preserved."

Malek adds, "The sound is so neutral, so transparent; it is very clean and clear."

*System diagram on reverse*

## Case Study



*This 32x0 digital snake sends 32 mic channels from the platform to the FOH Yamaha® console located in the balcony of the church. In the balcony, the FOH engineer can remotely control the Avidiom 6416m Mic Input Modules using m-control™ for Yamaha digital consoles.*