

Front of House Mixing System for Historic St. Matthew's Church



Historic St. Matthew's Church

TESTIMONIAL

"It was easy once we came up with the idea. When we compared the Aviom system to other solutions on the market, Aviom's was miles above anything. If we had gone with a multi-pinned, snake-based system, we would have been required to drill holes, and the expense of the cabling would have taken a huge chunk out of our operating budget. This solution was a big bonus for us and for the church."

Brian Christ, General Manager
Sonic Art, LLC

INSTALLATION DETAILS

When the historic St. Matthew's Church in Campbellsport, WI, hired Sonic Art, LLC, to design a new audio system for its sanctuary, the initial challenge was determining how to wire a system through the church's thick concrete walls and floors. Running bulky analog cables was not a viable option, so Sonic Art used Aviom's A-Net® and Cat-5e cables to reduce installation costs by eliminating the need to drill through walls or trench the floor.

In addition, the customer requested a simple, straightforward system that could be operated easily by non-technical users. However, the system needed to allow church staff to support the audio requirements of a range of events and services. Set-and-forget mic pre gain control and an intuitive user interface for setting levels were critical requirements.

The system consists of an AV-M8 Mic Input Module installed in the balcony to provide inputs for balcony choir mics. A Cat-5 cable runs from the AV-M8 to an AN-16/o Output Module

APPLICATION

Digital Snake & Remote Mix System

MARKET SEGMENT

House of Worship

LOCATION

Campbellsport, WI

PRODUCT LINES

Pro16®

PRODUCTS

- 1 AN-16/i Input Module
- 1 AN-16/o Output Module
- 1 AV-M8 Mic Input Module
- 1 A-16R Personal Mixer
- 1 A-16CS Control Surface

FEATURES AND BENEFITS

- Ease of installation in an older building
- Flexibility of design provides multiple control points for mixing
- Ease of use for the customer and volunteer staff
- Reduced installation costs

mounted in a rack kept behind the altar. The analog outputs, along with local inputs from the platform, are connected to a small analog mixer. This mixer is used for EQ and processing on each channel.

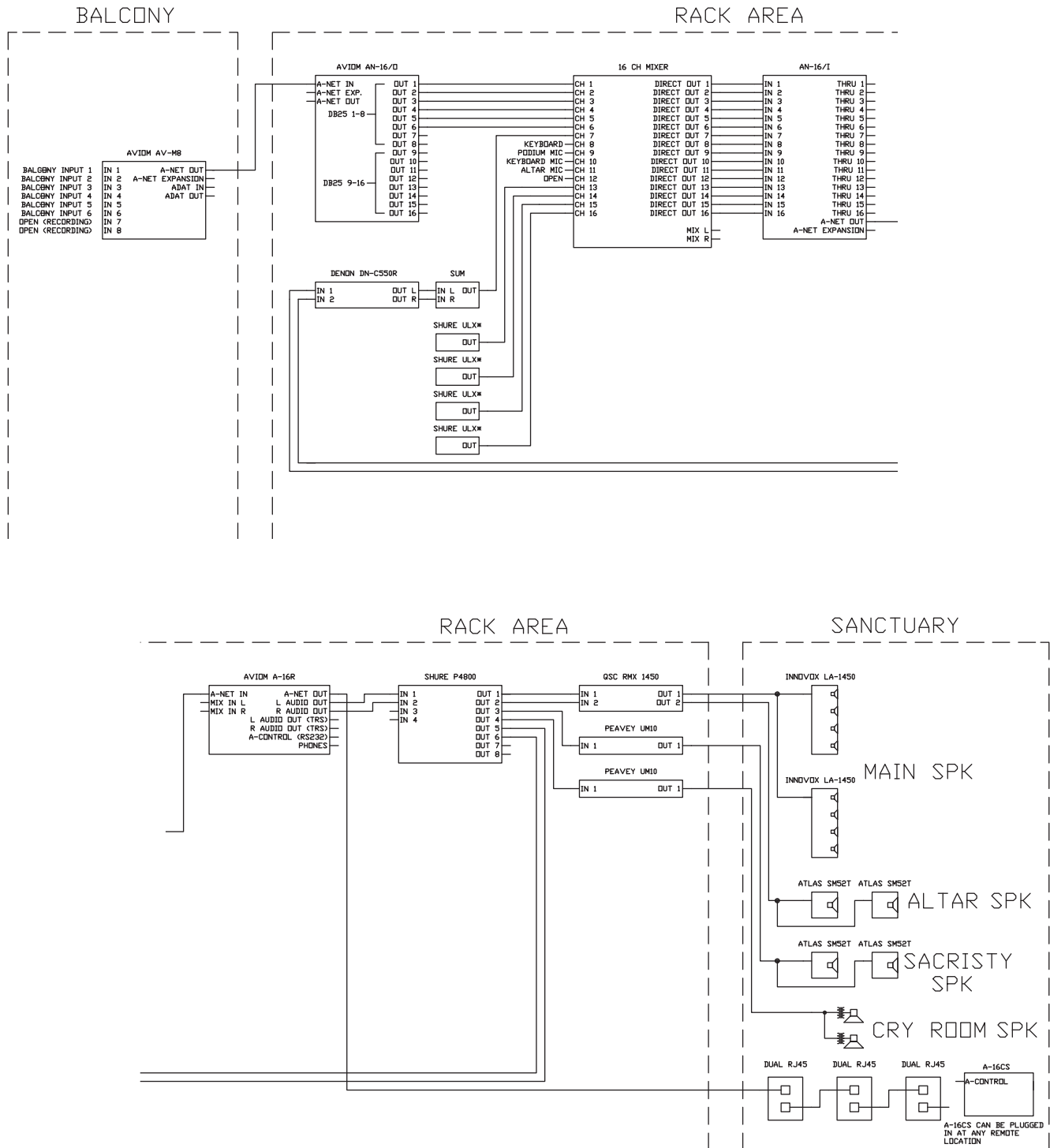
Processed channels are connected to an AN-16/i in the same rack. Its A-Net Out is then connected to an A-16R Personal Mixer. Floor pockets and wall plates around the sanctuary provide multiple control points for an A-16CS Control Surface to be connected.

The A-16CS is used to set levels, providing the simplicity of an auto mixer combined with the flexibility and control of a basic mixing board.

According to Christ, "It is a little different than traditional sound consoles, so there was a small learning curve. Now, with everyone acclimated, everything is running smoothly. We've had nothing but positive feedback since we installed the system."

System diagram on reverse

Case Study



The A-16R Personal Mixer, AN-16/i Input Module, and AN-16/o Output Module are located in a portable rack that can be used throughout the church depending on the event. RJ45 jacks throughout the sanctuary provide multiple control points for an A-16CS Control Surface.