

### Pro64 Audio Network at First Baptist Church of Cabot



First Baptist Church of Cabot

#### APPLICATION

Audio Network and Monitor Mixing

#### MARKET SEGMENT

House of Worship

#### LOCATION

Cabot, AR

#### PRODUCT LINES

Pro16®

Pro64®

#### PRODUCTS

- 4 6416Y2 A-Net Interface Cards
- 2 6416m Mic Input Modules
- 1 ASI A-Net Systems Interface
- 2 AN-16/o Output Modules
- 1 AN-16/i Input Module
- 2 AN-16/i-M Mic Input Modules
- 2 AN-16/o Output Modules

#### TESTIMONIAL

“We already had the Aviom Personal Mixers. Aviom has been kind of a gold standard for digitalization, so we were very comfortable with it. It was the one left standing when we decided what we were going to do.”

**Ken Holland**

Associate Pastor of Worship and Music

#### INSTALLATION DETAILS

When Ken Holland and his team at First Baptist Church of Cabot (AR) decided to update their front of house console to a digital mixer, they wanted to make use of their existing patchbay setup to maintain the simplicity and flexibility that it provided. Holland, the church’s associate pastor of worship and music, and Steve Stanford from Allied Sound in Nashville started the design with a new Yamaha® LS9 console and added to their existing Aviom gear to create a complete Aviom audio network.

The audio network connects the stage inputs to FOH with a split to a second LS9 console in the broadcast booth and sends returns to stage for an Aviom personal mixing system. To make use of the existing patchbays and to increase the system’s flexibility for routing, the church selected both Pro16® and Pro64® components for this system.

From the stage, 54 mic inputs are run to patchbays, which are connected to two AN-16/i-M Pro16 Mic Input Modules and two 6416m Pro64 Mic Input Modules. The passive splits on the Pro16 input modules are connected to a second set of patchbays, which provide connection points to the analog inputs on the

LS9-32 at FOH. The A-Net® Outs on the Pro16 input modules run to two AN-16/o Output Modules in the broadcast booth, where the analog outputs connect to the LS9-32 used for broadcast. The inputs connected to the 6416m modules are distributed to both consoles digitally; each console is equipped with two 6416Y2 A-Net cards.

This system provides reliable connectivity and the flexibility Holland sought in order to support the church’s ongoing growth, while also maintaining the simplicity and ease that come with what Holland calls the “analog look and feel.” In addition, the use of Aviom delivered substantial labor savings.

“We needed to split signals and send everything in two directions,” says Holland. “That’s not what this original patchbay was built to do without doing just an enormous amount of hard wiring and soldering and running a lot of wires.”

Holland and the rest of the staff at First Baptist are pleased with the consistent performance of the Aviom system. “It works like a champ,” says Holland. “Everyone is loving it.”

*System diagram on reverse*

#### FEATURES AND BENEFITS

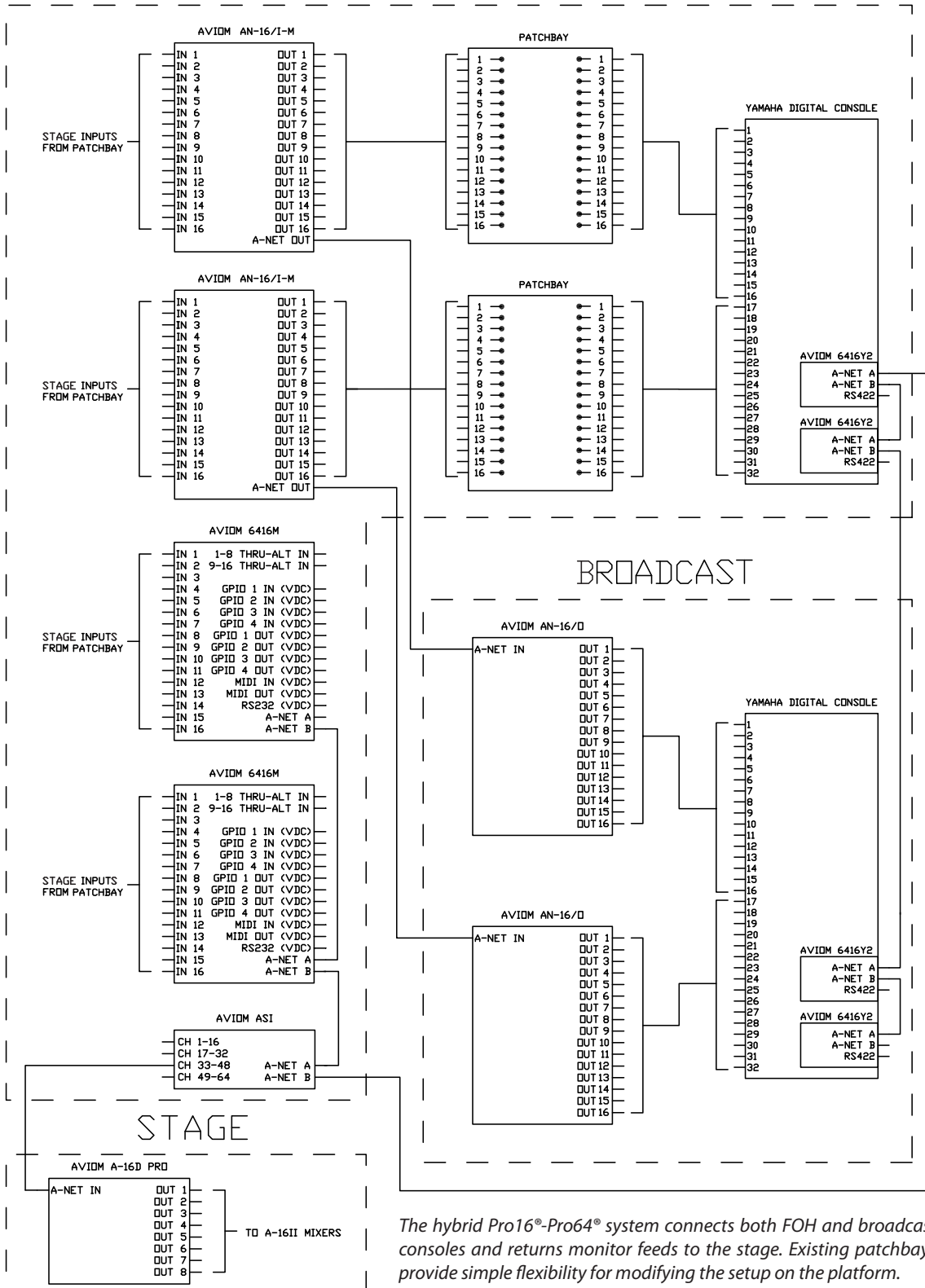
Passive splits on the input modules made creating a split to broadcast simple

Uses both Pro16 and Pro64 I/O modules

Easy for volunteers to set up and use

# Case Study

## FOH



The hybrid Pro16®-Pro64® system connects both FOH and broadcast consoles and returns monitor feeds to the stage. Existing patchbays provide simple flexibility for modifying the setup on the platform.