

### Digital Snake and Monitor Mixing System for 12-Piece Funk Band



*Funkiphino's Five-Piece Horn Section*

#### TESTIMONIAL

"Using the Pro64 gear to interface with our Yamaha console streamlined our setup, and the sound is second to none."

**Mark Halberstadt**, *Sound Engineer and Saxophonist*  
*Funkiphino*

#### INSTALLATION DETAILS

Funkiphino, a 12-piece funk band based in Colorado, has been successfully using a Pro16® monitor mixing system for the past two years. So when Mark Halberstadt, the band's baritone saxophonist, began researching options for streamlining the band's sound setup, he looked to Aviom for a solution. Halberstadt and the band's keyboardist and business manager, Chris Fischer, wanted a system that would allow them to remotely control their Yamaha® FOH console for smaller events and that would provide better routing, effects, and control over their mic preamp channels. They found their solution in a Pro64® digital snake.

One reason that Halberstadt chose the Pro64 system was for the quality of the 6416m Mic Input Module. He calls the mic pre "responsive and transparent" and says that for "the cost per channel it is stellar sounding." The band uses the 6416m to feed 16 channels of digital audio directly into its Yamaha DM1000 through a 6416Y2 A-Net® Interface Card. They also use the 6416Y2 to send 16 channels from the console into an ASI A-Net Systems Interface on stage to convert the Pro64 A-Net into a Pro16 A-Net signal for their eight A-16R Personal Mixers.

#### APPLICATION

Digital Snake/Monitor Mixing System

#### MARKET SEGMENT

Live Sound

#### LOCATION

Boulder, CO

#### PRODUCT LINES

Pro16®

Pro64®

#### PRODUCTS

1 6416m Mic Input Module

1 6416Y2 A-Net Interface Card

1 ASI A-Net Systems Interface

1 A-16D Pro A-Net Distributor

8 A-16R Personal Mixers

1 AN-16/i-M Mic Input Module

#### FEATURES AND BENEFITS

Streamlining of the band's setup

Ease of interfacing with the Yamaha® console

Audio fidelity of the system

Consistency of sound for monitor mixes and at FOH

The Pro64 digital snake streamlined the band's setup while maintaining easy integration for its monitor mixing system, which Fischer says "gives the band the incredible power to produce consistently good shows."

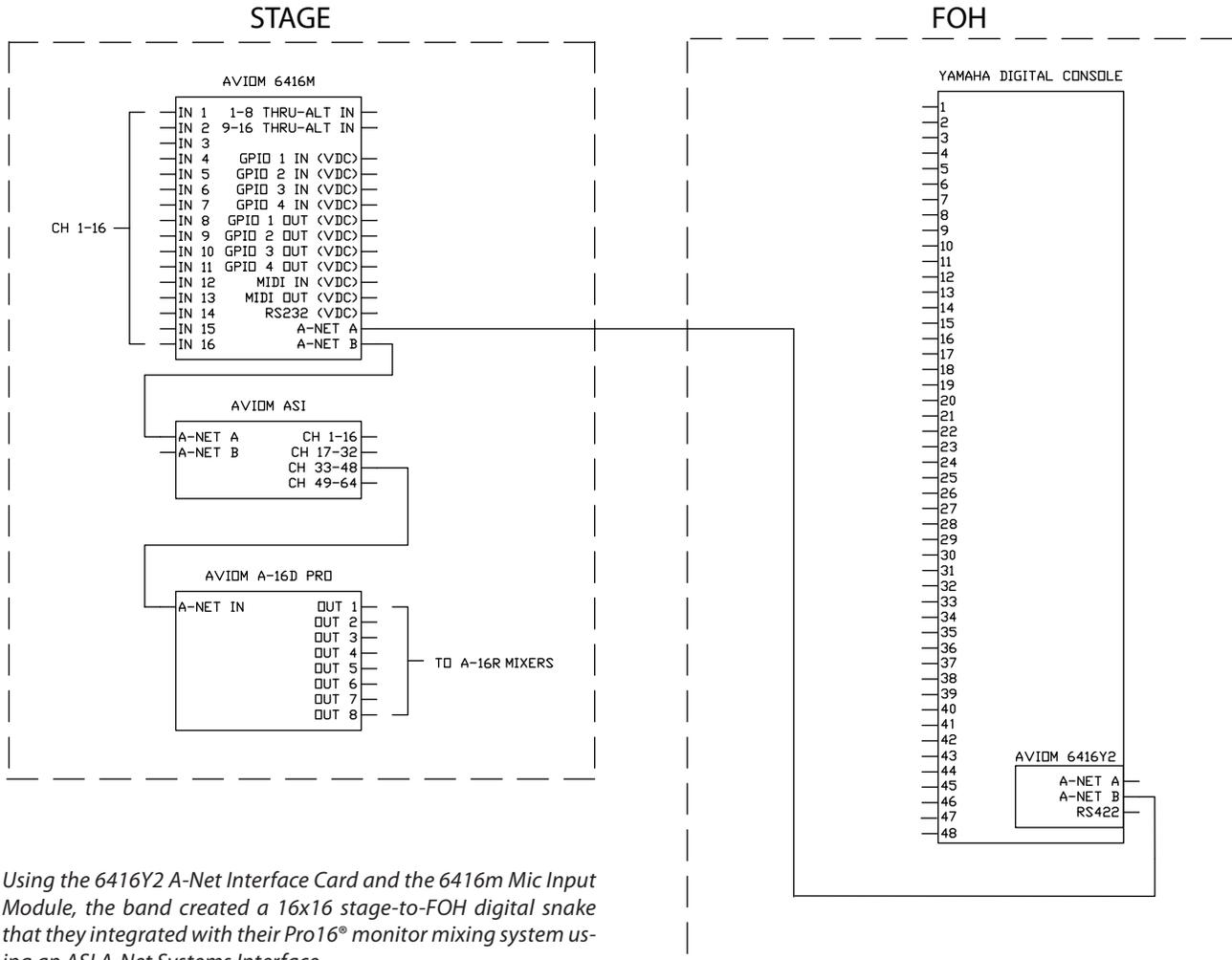
With the new design, the band no longer requires a traditional FOH console to be front and center at an event. Instead, the band's sound engineer remotely controls its Yamaha console from a small laptop. From his laptop, the engineer has added control over the signals sent to the monitor system on stage.

According to Fischer, this setup makes the band very marketable for catered events like fancy weddings where it is undesirable to have the console visible in the room. The system also makes it simple for the band to set up for an event.

In addition, the band still uses its AN-16/i-M Mic Input Module to integrate its setup with sound companies who already use Aviom Pro16 digital snakes. This allows the band to keep complete control of their monitors while also eliminating the hassle of an analog snake to FOH. Halberstadt says, "We're a much better band to work with because we're using Aviom."

*System diagram on reverse*

## Case Study



Using the 6416Y2 A-Net Interface Card and the 6416m Mic Input Module, the band created a 16x16 stage-to-FOH digital snake that they integrated with their Pro16® monitor mixing system using an ASI A-Net Systems Interface.