

### Academy Awards Show Uses Aviom Personal Mixers



The Academy Awards stage viewed from front-of-house

#### APPLICATION

Monitor Mixing

#### MARKET SEGMENTS

Sound Companies  
Broadcast

#### LOCATION

Hollywood, CA

#### PRODUCT LINES

Pro16®

#### PRODUCTS

- 1 A-16R Personal Mixer
- 16 A-16II Personal Mixers
- 1 AN-16/i Input Module
- 2 A-16D Pro A-Net Distributors

#### TESTIMONIAL

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*Andres Arango, Staff Engineer at ATK Audiotek*

#### INSTALLATION DETAILS

ATK Audiotek is a leading sound company for the professional audio and broadcast industry. For years they have been using Aviom’s Pro16® personal mixing system for both monitor mixing and communications at events such as the Academy Awards, the Neighborhood Inaugural Ball, and the Grammys, and on shows such as *American Idol* and *Don’t Forget the Lyrics*. This year Aviom made its second appearance at the Oscars.

This year’s Academy Awards, like last year’s, included an Aviom Pro16 personal mixing system at the hub of the communication and monitoring setup. Communications between the broadcast crew, Musical Director Michael Giacchino, orchestra members, and the audio crew from ATK Audiotek was essential to support the show’s musical numbers.

“This year’s orchestra setup was different than in years past so it called for a slightly different monitoring and communications configuration,” says Andres Arango, staff engineer for Audiotek. “To achieve the look and feel of a big band from the ‘40s, the orchestra was situated on two risers on opposite sides of the stage. As a result, our monitor mixer, Michael Cooper, had to

#### FEATURES AND BENEFITS

- Simple distribution of audio stems to split bandstand
- Ability to provide multiple mix and communications feeds to multiple locations
- Reliability of equipment in a high profile installation

ensure that each riser was connected to the other as well as to the monitor console. Since the Aviom system is so flexible in how it can be set up, we were able to configure it so that each riser had its own A-16D A-Net Distributor to bring audio stems to each location from the mixing console.”

Each band member was fed audio stems from the music director as well as program elements from a live broadcast truck that was covering the event for the major networks. An on-air mix was included in the feed as well so that Giacchino could hear what the performance sounded like, as well as communicate with the show’s director, Roger Goodman. The Aviom Personal Mixers allowed Giacchino and his band members to select which stems they would like to hear, helping to keep everyone on cue.

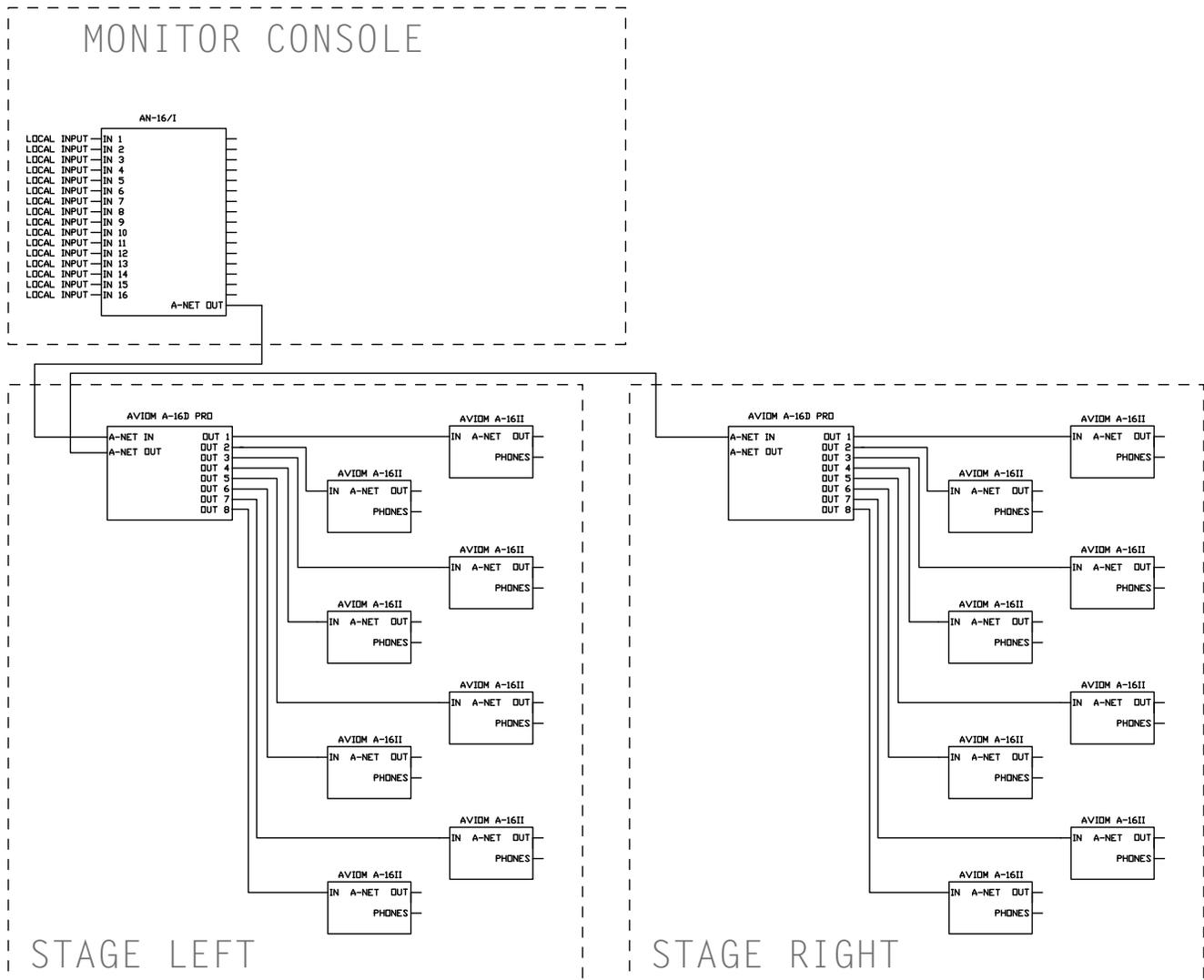
In addition to the Aviom gear, Giacchino used a Studio Technologies Model 233 Announcer’s Console as the main intercom interface for the ceremony. The Announcer Console’s output was fed into the Aviom system along with mix stems from the main console for the band’s monitor system.

*Continued on reverse*

## Case Study

Each riser had its own A-Net Distributor, which provides eight parallel outputs so that each instrument section had an Aviom A-16II Personal Mixer, which was able to drive wireless connections through Tweecom OB-1 headset boxes that offered level control and a headset connection. The two A-16Ds were connected to each other via Cat-5 cable and run to the console.

“Though Audiotek has used Aviom’s system as part of its monitoring and communications setup for many of the larger events we handle, this was the first time that Michael Cooper used the system,” Arango continues. “After having much success with it on the Academy Awards, he said he would want to use it from here on out for all future projects such as these.”



*Personal Mixers are split into two 8-mixer sections for the orchestra.*