



Press Release

FOR IMMEDIATE RELEASE

AVIOM ANNOUNCES FLEXIBLE DIGITAL SNAKE TECHNOLOGY

West Chester, PA - Aviom, Inc. announced today a trio of related products, the AN-16/i Input Module, the AN-16/o Output Module, and the A-16SB System Bridge. The products are designed to work together to create a powerful digital audio snake, capable of transferring high quality 24bit audio digitally over inexpensive, industry standard Category-5 cables. As with all the company's existing products, Aviom's proprietary A-Net Protocol insures that there is less than one millisecond of latency from analog input to analog output. The A-16SB, AN-16/i and AN-16/o are compatible with Aviom's existing product line, which includes the modular A-16 Personal Monitor Mixing System.

Aviom's innovative digital snake is a flexible modular system that allows the user to build uni-directional or bi-directional configurations to suit most audio distribution needs. Any combination of up to four AN-16/i and/or four AN-16/o units can be used. A maximum of sixty-four channels of audio is possible. The system is capable of creating digital snakes in the following configurations: 16x0, 32x0, 48x0, 64x0, 16x16, 32x16, 48x16, and 32x32.

When coupled to the two-part A-16SB System Bridge, any of the AN-16/i and AN-16/o multi-channel snake configurations can transfer data bi-directionally over a *single* Cat-5 cable. This innovation alone can replace thousands of dollars of expensive and unwieldy analog cabling in fixed or mobile applications. Cable lengths between each system component can be up to 500 feet long. The A-16SB System Bridge combines up to four A-Net signals at one end of the snake, and then separates them into separate A-Net streams at the other end.

The AN-16/i Input Module is a single rack space unit that serves as the A/D input for the digital snake. It converts sixteen line level analog audio channels into uncompressed, full bandwidth digital data transmitted via the company's proprietary A-Net protocol. All inputs are balanced ¼" TRS jacks. There is a Thru jack available for each input, which allows the AN-16/i Input Module to be inserted into an existing audio signal path.

On the front panel, the AN-16/i has a four-position gain switch (+22, +4, 0, and -10dB), stereo channel link switches, and signal present and clip LEDs. The rear panel of the AN-16/i has two rows of sixteen jacks for analog audio Input and Thru. For system network connections, there is an A-Net Out jack and an A-Net Expansion jack.

The AN-16/o Output Module is a 1U rack-mount D/A converter. It has sixteen ¼" balanced TRS line level output jacks on its rear panel. Also on the rear panel is a set of three network connectors for A-Net In, A-Net Out, and A-Net Expansion. On the front panel, the AN-16/o has a two-position level switch (+4 and -10dB) along with signal present and clip LEDs.

The AN-16/o Output Module can also be integrated into existing A-16 Personal Monitor Mixing Systems to provide sixteen discreet line level outputs for recording, broadcast, effects, or other mixing purposes. Any number of AN-16/o Output Modules can be connected to a system as needed.



AN-16/i Input Module Features:

- Sixteen balanced audio inputs (1/4" TRS)
- Sixteen balanced Thru connectors
- A-Net Out and A-Net Expansion network connections (Cat-5)
- Stereo Link switches for each channel pair
- Four-position gain switches (+22, +4, 0, -10dB)
- 1U rack enclosure

AN-16/o Output Module Features:

- Sixteen balanced audio outputs (1/4" TRS)
- A-Net IN, A-Net Out, and A-Net Expansion network connections
- Two-position gain switch (+4, -10dB)
- 1U rack enclosure

A-16SB System Bridge Features:

- Combines A-Net signal from up to four A-Net AN-16/i units or,
- Expands the single cable digital snake A-Net signal to up to four AN-16/o units
- Two-part modular design makes it easy to locate the A-16SB where the I/O is
- Can be rack mounted on a standard rack shelf

Manufacturer's Suggested Retail Prices:

AN-16/i Input Module \$899.95

AN-16/o Output Module \$899.95

A-16SB System Bridge \$249.95

About Aviom, Inc.

Aviom was founded by a group of engineering, design, marketing, and product development professionals with many years of experience in the professional audio field. The company's goal is to create revolutionary technology-based products that address real-world needs, and to do it at breakthrough prices.

Aviom designs and builds a line of high quality professional audio products. All Aviom products are designed and manufactured in the USA. Aviom products provide innovative solutions to problems found in audio systems in a variety of environments. Some of these include live sound reinforcement, audio recording studios, houses of worship, theater, broadcast facilities, post-production, and commercial installations.

Contact:

Ray Legnini, Marketing Product Manager