

AN-16/i Input Module



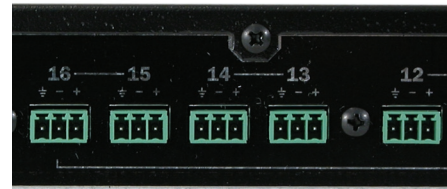
Aviom's innovative modular distributed audio network allows the user to build uni-directional or bi-directional digital snake configurations to suit most audio distribution needs. Any combination of up to four AN-16/i Input Modules and/or four AN-16/o Output Modules can be used. A maximum of sixty-four channels of audio is possible over a single Cat-5 cable. The optional AN-16SB System Bridge is required for configurations using more than 32 channels. The system is capable of creating digital snakes in the following configurations: 16x0, 32x0, 48x0, 64x0, 16x16, 32x16, 48x16, and 32x32.

The AN-16/i Input Module 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, 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.

AN-16/i Input Module Features:

- Sixteen balanced line level audio inputs
- Sixteen balanced audio Thru jacks
- ¼" TRS jacks or Euroblock connectors (-EB version)
- 4-position gain switch
- Stereo Link switch per channel pair
- A-Net Out, and Expansion jacks
- Optional AN-16SB System Bridge
- Cable lengths can be up to 500 feet



Euroblock connectors

AN-16/i Input Module Specifications

A/D Conversion	48kHz sample rate	24bit
Frequency Response	4Hz-22kHz	
A-Net Output	1	Category 5 (RJ45 connector)
A-Net Expansion	1	Category 5 (RJ45 connector)
Gain Switch	Four Position: -10dBV, 0dBu, +4dBu and +22dBu	
Channel LED Indicators	Signal Present and Clip	per Channel
Impedance, line inputs	48k ohms	
Power	18-24 VDC, 500mA	
Size and Weight	19" wide x 6.7" deep	1U high; 6.8 lbs.