

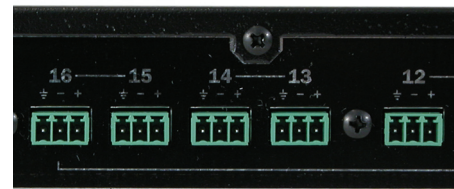
The AN-16/i Input Module serves as the A/D input for the Pro16 Monitor Mixing System and digital snake. It converts sixteen line-level analog audio channels into uncompressed, full bandwidth digital data transmitted via the company's proprietary A-Net protocol. Audio inputs are available as balanced 1/4" TRS jacks or universal Euroblocks. There is an audio Thru jack available for each input, which allows the AN-16/i Input Module to be inserted into an existing audio signal path.

Aviom's innovative modular distributed audio network allows the user to build unidirectional or bidirectional 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 simplifies wiring 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 front panel of the AN-16/i has a four-position gain switch, stereo channel link switches, and signal present and clip LEDs. Rear panel audio connections include two rows of sixteen TRS jacks for analog audio Input and Thru. (One row of Euroblock terminal block connectors is provided on the -EB model.) For digital network connections, there is one A-Net Out jack and one A-Net Expansion jack.

AN-16/i Input Module Features:

- Sixteen balanced line level audio inputs
- Sixteen balanced audio Thru jacks (TRS model only)
- 1/4" TRS jacks or Euroblock connectors
- 4-position gain switch
- Stereo Link switch per channel pair
- A-Net Out and A-Net Expansion jacks
- Optional AN-16SB System Bridge for digital snakes
- Cable lengths can be up to 500 feet, (150 meters)



Euroblock connectors on -EB model

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)
Inputs	16	balanced; 1/4" TRS or Euroblock
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" (48.26cm) wide x 6.7" (17.02cm) deep	1U high; 6.8 lbs. (3.08 kilo)