

## Digital Multicore Overview

The Pro16 Digital Multicore offers real-time distribution of up to 64 high quality digital audio channels. Aviom's proprietary digital audio networking technology, called A-Net™, transmits uncompressed 24-bit audio with virtually no latency over a single Cat-5 cable.

The rack-mounted 16-channel A-Net input and output modules can be combined to create a flexible and easy-to-configure digital snake. Cables connecting devices in the snake can be up to 500 feet (150 meters) in length.

Digital multicore solutions are available for mic- or line-level audio, added to the system in groups of 16 channels. Transmission direction can be reversed in blocks of 16, allowing the modular multicore to be easily reconfigured (send/return configurations such as 64x0, 48x16, 32x32, etc. can be created). The system allows unlimited copying and re-distribution of channels.

The flexible Pro16 Digital Multicore system is also lightweight, meaning that transportation and installation costs are also lower.