C4o
Output Card

PRODUCT HIGHLIGHTS

- *Four high-quality mic- or line-level analog outputs*
- *Simplified routing using the Pro64 Network Manager™ PC control application*
- *Choice of five maximum output level settings selectable per-channel: +28dB, +24dB, +18dB, +4dB, or Mic*

The C4o Output Card is an analog output card for the AllFrame Multi-Modular I/O System. The C4o can be installed in any frame, such as the six-slot F6 Modular I/O Frame.

Network and audio settings for the C4o outputs can be configured using the Pro64 Network Manager™ control application. Five maximum output level settings allow the XLR outputs on the C4o to be connected to virtually any professional audio device.

Each C4o channel's network routing and output level can be saved as part of a Pro64 Network Manager project, scene, and/or device preset for ultimate programming convenience.
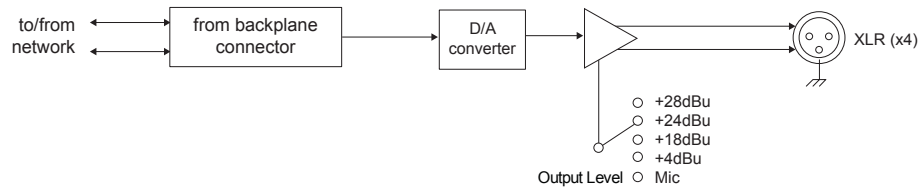
As with all AllFrame I/O cards, the C4o can be installed and configured by the user making a multi-F6 installation even more flexible and cost-effective.

TECHNICAL SPECIFICATIONS

Channels	4 balanced outputs	Mic or line level
XLR Outputs	Pin 1: Shield; Pin 2: Hot; Pin 3: Cold	
Output Levels	+28dBu, +24dBu, +18dBu, +4dBu, and Mic	
Output Impedance:	450 Ohms for +4dBu, +18dBu, +24dBu and +28dBu outputs; 200 Ohms for Mic	
Frequency Response	-3dB: 2Hz and 23kHz ±0.5dB: 10Hz–22kHz (at 1x sample rate)	

THD +N	< .002% at -10dBFS
Signal to Noise	D/A: -111dB (unweighted)
Crosstalk	<100dB at 1kHz
Dimensions	5.2 x 1.9 x 3.01 in. (132.08 x 48.26 x 76.45 mm)
Weight	0.5 pound (0.22 kg)

C4o BLOCK DIAGRAM

ARCHITECTURAL SPECIFICATION

The Aviom C4o shall provide four channels of mic- or line-level audio outputs from an Aviom AllFrame host frame module such as the F6. Audio outputs shall be user-configurable via the Pro64 Network Manager™ software.

The unit shall feature four male XLR connectors for audio outputs and a multipin backplane connector compatible with the host frame device. The unit shall be powered via the backplane connector.

Its dimensions shall be 5.2 inches wide, 3.01 inches deep, and 1.09 inches high. Its net weight shall be 0.5 pounds, and its front panel shall be finished in black. The unit shall be Aviom Incorporated model C4o.

All Aviom products are designed and manufactured in the USA.