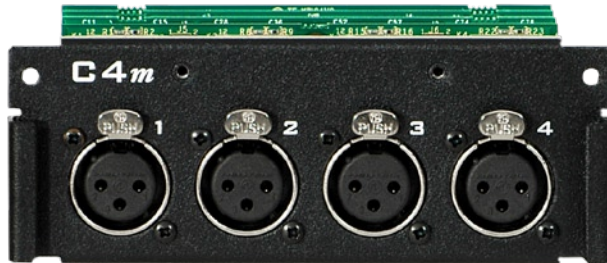


C4m

Mic/Line Input Card



PRODUCT HIGHLIGHTS

- Four archival quality mic/line inputs
- Remote controllable via MCS/RCI, select Yamaha® digital consoles, or Pro64 Network Manager™
- Gain control in 1dB increments, plus per-channel phase invert, +48V phantom power, pad, and low cut filter

The C4m Mic/Line Input Card is an audio input card for the AllFrame Multi-Modular I/O System. The C4m can be installed in any frame, such as the six-slot F6 Modular I/O Frame.

Both network and audio settings for the C4m inputs can be configured using the Pro64 Network Manager™ control application. Audio settings can also be controlled remotely from the MCS Mic Control Surface and compatible Yamaha digital consoles.

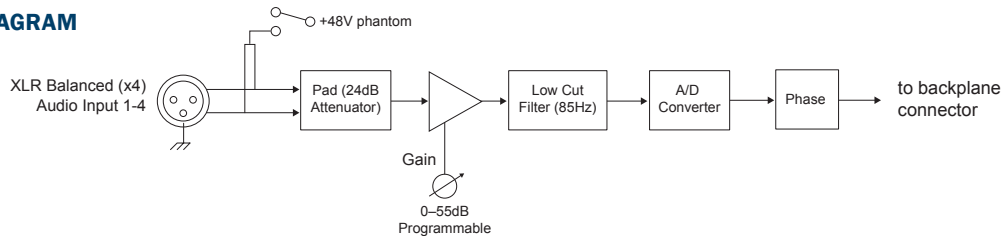
Each channel on the C4m can accept a mic- or line-level input and features gain control in 1dB increments, phase invert, 85Hz low cut filter, and +48V phantom power. Channel strip parameters can be controlled from the Pro64 Network Manager software, from the RCI/MCS hardware controller, or via m-control™ from Yamaha® consoles. The audio circuitry of the C4m mirrors that of the Pro64 6416m Mic Input Module and provides clear, transparent audio performance.

TECHNICAL SPECIFICATIONS

Channels	4 balanced inputs	Mic or line level
XLR Inputs	Pin 1: Shield; Pin 2: Hot; Pin 3: Cold	
Input Impedance	3.6k ohms	
Input Gain Range	0–55dB, variable, in 1dB increments	
Maximum Input Level	0dB gain, Pad on = +24dBu 0dB gain, Pad off = 0dBu 55dB gain, Pad on = -31dBu 55dB gain, Pad off = -55dBu	
Pad	-24dB, switchable per channel	

Low Cut Filter	85Hz cutoff at 18dB per octave; per channel
THD +N	0.0015% @ 1.0kHz, -10dBFS 0.007% @ 1.0 kHz, -1dBFS
Dynamic Range (noise floor)	112dB
Phantom Power	+48V, individually selectable per channel
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)

C4m BLOCK DIAGRAM



ARCHITECTURAL SPECIFICATION

The Aviom C4m shall provide four channels of mic- or line-level audio inputs to an Aviom AllFrame host frame module such as the F6.

Audio inputs shall be user-configurable via the Pro64 Network Manager™, MCS Mic Control Surface, or Yamaha® digital consoles compatible with Aviom m-control™ firmware.

The unit shall feature four female XLR connectors for audio inputs 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 C4m.

All Aviom products are designed and manufactured in the USA.

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