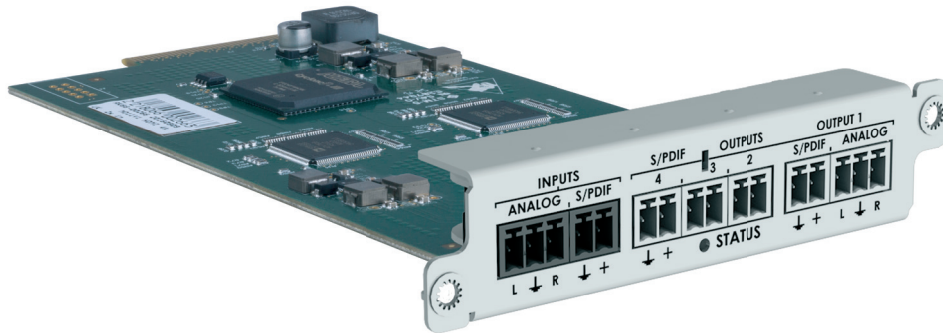


# S/PDIF and analog audio module

CM-AUD-2IN-4OUT

Audio module for CORIOmaster™



## OVERVIEW

The CM-AUD-2IN-4OUT is an audio Input and Output (I/O) module for CORIOmaster (C3-540) and CORIOmaster mini (C3-510).

As part of the audio enabling feature released in firmware versions M406 or later, CORIOmaster has advanced audio support enabling video and audio to be controlled from a single CORIOmaster facilitating many new applications where video and audio are used as part of the installation.

This module can be used to accept discrete analog and digital inputs and embed them into all audio supported video outputs (HDMI/SDI/HDBT/DVI-I) or routed to the discrete analog or digital outputs in the module.

Video sources with embedded audio such as SDI/HDMI/AVIP module can also have the audio routed to analog and digital S/PDIF output (1 output per canvas).

## KEY FEATURES

- ◆ Embedding analog audio source
- ◆ Embedding digital S/PDIF audio sources
- ◆ De-embedding audio sources to 4 outputs (1 per canvas)
- ◆ De-embedding audio sources to analog audio
- ◆ Cross convert digital and analog audio
- ◆ No extra slot is required in a CORIOmaster (C3-540)
- ◆ Interface: Screw terminal Phoenix connectors

### CM-AUD-2IN-4OUT

C3-540

C3-510

Analog and S/PDIF audio module with 1 analog and 1 S/PDIF input and 4 S/PDIF and 1 analog output

Slot 18 on 4RU CORIOmaster chassis supports this module without losing any standard video I/O slots

Slot 4 on 1RU CORIOmaster mini chassis with 5 slots available for video I/O slots

## SPECIFICATIONS

Analog audio I/O:	
Inputs	1x Stereo Pair unbalanced
Outputs	1x Stereo Pair unbalanced*
Supported sample rates	48kHz
Inputs	
Input impedance	47K Ohms
THD and noise	-79.0 dB(A)1 (A-Weighted)
Frequency response	20Hz to 20kHz (-1dB)
Outputs	
Output impedance	100 Ohms
THD and noise	-76.1 dB(A)1 (A-Weighted)
Frequency response	20Hz to 20kHz (-1dB)

Digital audio I/O	
Inputs	1x S/PDIF Stereo Pairs
Outputs	4x S/PDIF Stereo Pairs
Supported sample rates	48kHz
S/PDIF input	
Impedance	75 Ohms
Signal level	0.5 V pk-pk nominal (min 0.2 V pk-pk, max 0.6 V pk-pk)
S/PDIF output	
Impedance	75 Ohms
Signal level	0.5 V pk-pk