

Audio Module for CORIOmaster²

S/PDIF and Analog Audio Module

CM2-AUD-2IN-3OUT

OVERVIEW

The CM-AUD-2IN-3OUT is an audio Input and Output (I/O) module for CORIOmaster² (CM2-547). CORIOmaster² has advanced audio support enabling video and audio to be controlled from a single device 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 3 outputs (1 per canvas)
- ◆ De-embedding audio sources to analog audio
- ◆ Cross convert digital and analog audio
- ◆ Installs in to the auxilliary slot in CORIOmaster²

Designed For

CM2-547 - CORIOmaster ²	Module installs in to the auxilliary slot
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Max Installable

CM2-547 - CORIOmaster ²	1
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Constraints

None	Only one can be installed per CORIOmaster ²
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SPECIFICATIONS

AUDIO		Digital Audio I/O	
Inputs	1x Stereo Pair unbalanced	Inputs	1x S/PDIF Stereo Pairs
Outputs	1x Stereo Pair unbalanced	Outputs	3x S/PDIF Stereo Pairs
Supported Sample Rates	48kHz	Supported Sample Rates	48kHz
Inputs		S/PDIF Input	
Input Impedance	47K Ohms	Impedance	75 Ohms
THD and Noise	-79.0 dB(A) ₁ (A-Weighted)	Signal Level	0.5 V pk-pk nominal (min 0.2 V pk-pk, max 0.6 V pk-pk)
Frequency Response	20Hz to 20kHz (-1dB)	S/PDIF Output	
Outputs		Impedance	75 Ohms
Output Impedance	100 Ohms	Signal Level	0.5 V pk-pk
THD and Noise	-76.1 dB(A) ₁ (A-Weighted)		
Frequency Response	20Hz to 20kHz (-1dB)		