

## 4 Channel Digital Output Card

The digital output card provides four channels of digital output in AES or S/PDIF format with clock inputs to sync the outputs to a sample rate of your preference. The outputs are provided on plug-in barrier strip connectors. Control of each output includes gain with metering and mute.

### Features:

- Digital audio output card. Up to 4 cards per frame.
- Supports AES/EBU or S/PDIF.
- Nominal output sample rate of 48 kHz.
- Supports external clock input of 12 to 96 kHz.
- Field swappable by certified technicians.



Specifications			
<b>Number of Outputs</b>	Two (2) pairs of switchable AES or S/PDIF format (4 channels total).	<b>Dynamic Range</b>	> 128 dB, unweighted.
<b>Connectors</b>	3.81 mm terminal blocks.	<b>THD + Noise</b>	< -125 dB, unweighted.
<b>Nominal Output Level</b>	-20 dBFS (+4 dBu with 20 dB of headroom).	<b>Nominal Sample Rate</b>	48 kHz
<b>Maximum Output Level</b>	0 dBFS (+24 dBu)	<b>Sample Rate Sync Range</b>	12 to 96 kHz
<b>Output Impedance</b>	110 Ohms (AES), 75 Ohms (S/PDIF).	<b>Latency</b>	2.1 mS @ 48 kHz

Mechanical Data		
Items	Specifications	Remarks
<b>Shipping Weight</b>	1 lbs. (0.45 kg)	
<b>Certifications or Compliance</b>	EN 55103-1, EN 55103-2, FCC Part 15, RoHS.	

## Architect and Engineer Specifications: SymNet 4 Channel Digital Output Card.

The device shall provide two pairs of digital outputs (4 channels total) to an EDGE or RADIUS AEC frame that are adjustable with fine trim and selectable in format between AES or S/PDIF. Up to four of these devices may be installed in a single EDGE frame for up to sixteen channels of local output and up to one of these devices may be installed in a single RADIUS AEC frame for up to four channels of local output. Levels, mutes, clock sources and formats shall be controllable via software. Audio outputs shall be accessed via rear panel 3.81 mm terminal block connectors.

Audio conversion shall be 24-bit, 48 kHz with ability to accept 12 to 96 kHz using an external clock source. The dynamic range shall not be lower than 128 dB, unweighted with a maximum output level of 0 dBFS (+24 dBu).

The device shall comply with CE and FCC Part 15 emissions limits. The device shall be RoHS compliant. The mounting plate shall be constructed of cold rolled steel, and mount into a SymNet Radius AEC or EDGE frame I/O card slot. The device shall be a Symetrix SymNet 4 Channel Digital Output Card.

