

Option Board 4 Ch Analog I/O

Option Board 4 Ch Analog I/O (O_DAP_ADDA_a)

Audio

- 24-bit sigma-delta D/A converter, 24 bit D/A converter
- 4 input channels, 4 output channels
- Sample rate = 44.1, 48kHz

Important - Not all sample rates are supported by the host system, please refer to the respective information.

Analog Inputs

- 4 channels
- Connector type = D-Sub25 female connector
- Input Level (maximum) 0dBFS equivalent = 0 ... 24dBu, adjustable in 0.5dB steps
- Impedance = 20kOhm (typical), differential
- THD+N = -93dB @ 0dBFS = 15dBu, 1kHz
- Dynamic range = >110dB (RMS)
- Crosstalk attenuation = >93dB @ 0dBFS = 15dBu, 1kHz
- CMRR = >71dB @ 0dBFS = 15dBu, 1kHz
- Frequency response = 20Hz ... 22kHz (< +/-0.1dB) @ 48kHz; 20Hz ... 43kHz (< +/-0.1dB) @ 96kHz

Analog Outputs

- 4 channels
- Connector type = D-Sub25 female connector
- Output level (maximum) 0dBFS equivalent = 0 ... 24dBu, adjustable in 0.5dB steps
- Impedance = 50Ohm (typical) differential
- THD+N = -91dB @ 0dBFS = 15dBu, 1kHz
- Dynamic range = > 103dB @ 0dBFS = 15dBu, 1 kHz
- Frequency response = 20Hz ... 22kHz (< +/-0.1dB) @ 48kHz; 20Hz ... 43kHz (< +/-0.1dB) @ 96kHz

General Features

- Power fail relay bypass between inputs and outputs
- Balanced analog inputs and outputs
- Electrical isolation between inputs, outputs, and device

Revision #1

Created 2026-09-04 12:59:04 UTC by FK

Updated 2026-09-04 12:59:04 UTC by FK