Caractéristiques ADI-2-DAC

Analog Outputs

XLR

- Output level switchable +19 dBu, +13 dBu, +7 dBu, +1 dBu @ 0 dBFS
- Signal to Noise ratio (SNR) @ +7/+13/+19 dBu: 117 dB RMS unweighted, 120 dB-A
- Signal to Noise ratio (SNR) @ +1 dBu: 115,4 dB RMS unweighted, 118,9 dBA
- Frequency response @ 44.1 kHz, -0.1 dB: 0 Hz – 20.2 kHz
- Frequency response @ 96 kHz, -0.5 dB: 0 Hz – 44.9 kHz
- Frequency response @ 192 kHz, -1 dB: 0 Hz – 88 kHz
- Frequency response @ 384 kHz, -1 dB: 0 Hz – 115 kHz
- Frequency response @ 768 kHz, -3 dB: 0 Hz – 109 kHz
- THD @ -1 dBFS: -112 dB, 0.00025 %
- THD+N @ -1 dBFS: -110 dB, 0.00032 %
- THD @ -3 dBFS: -116 dB, 0.00016 %
- Channel separation : > 120 dB
- Output impedance: 200 Ohm balanced, 100 Ohm unbalanced

Cinch

As output XLR, but:

- Output: 6.3 mm TS jack, unbalanced
- Output level 6 dB lower than XLR (-5 dBu to +13 dBu @ 0 dBFS)
- Signal to Noise ratio (SNR) @ +13 dBu: 117 dB RMS unweighted, 120 dBA
- Signal to Noise ratio (SNR) @ +1/+7 dBu: 114/116 dB RMS unweighted, 117/119 dBA
- Signal to Noise ratio (SNR) @ -5 dBu: 109 dB RMS unweighted, 113 dBA

Phones

As Cinch but:

- Output: 6.3 mm TRS jack, unbalanced, stereo
- Output impedance: 0.1 Ohm
- Signal to Noise ratio (SNR) @ +22 dBu: 117 dB RMS unweighted, 120 dBA
- Signal to Noise ratio (SNR) @ +7 dBu: 116 dB RMS unweighted, 119 dBA
- Output level at 0 dBFS, High Power, load 100 Ohm or up: +22 dBu (10 V)
- Output level at 0 dBFS, Low Power, load 8 Ohm or up: +7 dBu (1.73 V)
- THD @ +18 dBu, 32 Ohm load, 1.2 Watt: -110 dB, 0.0003 %
- THD+N @ + 18 dBu, 32 Ohm load: -107 dB, 0.00045 %
- THD @ +14 dBu, 16 Ohm load, 0.94 Watt: -110 dB, 0.0003 %
- Max power @ 0.001% THD: 1.5 W per channel

IEM

As Phones, but:

- Output level at 0 dBFS: -3 dBu, 0.55 V
- Signal to Noise ratio (SNR) @ -3 dBu: 115 dB RMS unweighted, 118 dBA
- Max power, 8 Ohm, 0.001% THD: 40 mW per channel

Digital

- Clocks: Internal, SPDIF In
- Low Jitter Design: < 1 ns in PLL mode, all inputs
- Internal clock: < 800 ps Jitter, Random Spread Spectrum
- Jitter suppression of external clocks: > 50 dB (2.4 kHz)
- Effective clock jitter influence on DA conversion: near zero
- PLL ensures zero dropout, even at more than 100 ns jitter
- Additional Digital Bitclock PLL for trouble-free varispeed ADAT operation
- Supported sample rates for external clocks: 28 kHz up to 200 kHz
- Internally supported sample rates: 44.1 kHz up to 768 kHz

General

- Included power supply: external switching PSU, 100 - 240 V AC, 2 A, 24 Watts
- Standby power consumption: 120 mW (10 mA)
- Idle power consumption: 7 Watts, Max. power consumption: 18 Watts
- Idle current at 12 V: 570 mA (6.8 Watts)
- Dimensions (WxHxD): 215 x 52 x 150 mm (8.5" x 2.05" x 5.9")
- Weight: 1.0 kg (2.2 lbs)
- Temperature range: +5° up to +50° Celsius (41° F up to 122°F)
- Relative humidity: < 75%, non condensing