

UAC-8 USB 3.0 Audio Converter Specifications

ANALOG INPUT	INPUT 1-8	Connectors	XLR/TRS combo jacks (XLR: 2 hot, TRS: TIP hot)
		Input gain	0-60 dB (1 dB steps)
		Input impedance	5 k Ω 1 M Ω (When IN1/IN2 Hi-Z on)
		Maximum input level	+13 dBu (XLR at 0 dBFS) +21 dBu (TRS at 0 dBFS)
		Phantom power	+48 V
ANALOG OUTPUT	MASTER OUTPUT L/R LINE OUTPUT1-8	Connectors	TRS jacks (balanced)
		Maximum output level	+14 dBu (at 0 dBFS)
		Output impedance	150 Ω
	PHONES 1/2	Connectors	Standard stereo phone jacks
		Maximum output level	20 mW \times 2 (into 32 Ω load) +10 dBu
DIGITAL IN/OUT	ADAT OPTICAL	Connectors	ADAT lightpipe
		Supported sampling frequencies	8 IN/OUT: 44.1 kHz/48 kHz 4 IN/OUT: 88.2kHz/96kHz S/MUX compatible 2 IN/OUT: 176.4kHz/192kHz S/MUX4 compatible
		Output impedance	75 Ω
	S/PDIF	Connectors	RCA (coaxial)
		Supported sampling frequencies	44.1/48/88.2/96/176.4/192 kHz
		Output impedance	75 Ω
	WORD CLOCK	Connectors	BNC
		Supported sampling frequencies	44.1/48/88.2/96/176.4/192 kHz
		Output impedance	75 Ω
Frequency characteristics		44.1 kHz: -1.0 dB, 20 Hz-20 kHz 96 kHz: -1.0 dB, 20 Hz-40 kHz 192 kHz: -1.0 dB, 20 Hz-60 kHz	
Input conversion noise		Measured EIN: 125 dB (IHF-A) at 60dB, 150 Ω input	
Dynamic range		AD: 120 dB typical (IHF-A) DA: 120 dB typical (IHF-A)	

Number of recording and playback channels	Audio interface/ standalone mode	Recording: 18 channels (ANALOG: 8, S/PDIF: 2, ADAT Optical: 8) Playback: 20 channels (ANALOG: 10, S/PDIF: 2, ADAT OPTICAL: 8) at 44.1 kHz and 48 kHz
		Recording: 14 channels (ANALOG: 8, S/PDIF: 2, ADAT Optical: 4) Playback: 16 channels (ANALOG: 10, S/PDIF: 2, ADAT OPTICAL: 4) at 88.2 kHz and 96 kHz
		Recording: 12 channels (ANALOG: 8, S/PDIF: 2, ADAT Optical: 2) Playback: 14 channels (ANALOG: 10, S/PDIF: 2, ADAT OPTICAL: 2) at 176.4 kHz and 192 kHz
	CLASS COMPLIANT mode	Recording: 8 channels (ANALOG: 8) Playback: 10 channels (ANALOG: 10) at 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz and 192kHz
Sampling frequencies		192 kHz, 176.4 kHz, 96 kHz, 88.2 kHz, 48 kHz, 44.1 kHz
Bit depth		24-bit
Interface		USB3.0 / 2.0
MIDI IN/OUT		5-pin DIN jacks
Power supply		AD-19 DC12V 2A AC adapter
External dimensions		157.65 mm (D) × 482.6 mm (W) × 46.03 mm (H)
Weight (main unit only)		2.02 kg

Note: 0 dBu = 0.775 Vrms