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ZOOM UAC 8/220GL - Zvučna kartica

Šifra: 01429
Kategorija prozivoda: USB Zvučne kartice
Proizvođač: ZOOM

Cena: 64.680,00 rsd

Specs

ANALOG INPUTS: INPUTS 1–8	
Connectors:	XLR/TRS combo jacks (XLR: 2 hot, TRS: TIP hot)
Input gain:	0–60 dB (1 dB steps)
Input impedance:	5 kΩ 1 MΩ (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 OUTPUTS: MASTER OUTPUTS	
L/R Connectors:	TRS jacks (balanced)
ANALOG OUTPUTS: LINE OUTPUTS 1-8	
Maximum output level:	+14 dBu (at 0 dBFS)
Output impedance:	150 Ω
ANALOG OUTPUTS: PHONES 1/2	
Connectors:	Standard stereo phone jacks 20 mW × 2 (into 32 Ω load)
Maximum output level:	+10 dBu
Output impedance:	33 Ω
DIGITAL IN/OUT: ADAT OPTICAL	
Connectors:	ADAT Optical (lightpipe) 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
DIGITAL IN/OUT: S/PDIF	
Connectors:	RCA (coaxial)
Supported sampling frequencies:	44.1 / 48 / 88.2 / 96 / 176.4 / 192 kHz
DIGITAL IN/OUT: WORD CLOCK	

Connectors:	BNC
Supported sampling frequencies:	44.1 / 48 / 88.2 / 96 / 176.4 / 192 kHz
Output impedance:	75 Ω
OTHER	
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, 150Ω input
Dynamic range:	AD: 120 dB typical (IHF-A) DA: 120 dB typical (IHF-A)
Sampling frequencies:	192 kHz, 176.4 kHz, 96 kHz, 88.2 kHz, 48 kHz, 44.1 kHz
Bit depth:	24-bit
Interface:	USB 3.0 / 2.0
MIDI IN/OUT:	5-pin DIN jacks
Power supply:	AD-19 DC12V 2A AC adapter
External dimensions:	6.2 in. (D) × 19 in. (W) × 1.8 in. (H) 157.65 mm (D) × 482.6 mm (W) × 46.03 mm (H)
Weight (main unit only):	4.4 pounds / 2.02 kg
	Note: 0dBm⎕0.775Vrms
Number of recording and playback channels	
AUDIO INTERFACE AND STANDALONE MODES: At 44.1 kHz and 48 kHz:	Recording: 18 channels (ANALOG: 8, S/PDIF: 2, ADAT Optical: 8) Playback: 20 channels (ANALOG: 10, S/PDIF: 2, ADAT OPTICAL: 8)
AUDIO INTERFACE AND STANDALONE MODES: At 88.2 kHz and 96 kHz:	Recording: 14 channels (ANALOG: 8, S/PDIF: 2, ADAT Optical: 4) Playback: 16 channels (ANALOG: 10, S/PDIF: 2, ADAT OPTICAL: 4)
AUDIO INTERFACE AND STANDALONE MODES: At 176.4 kHz and 192 kHz:	Recording: 12 channels (ANALOG: 8, S/PDIF: 2, ADAT OPTICAL: 2) Playback: 14 channels (ANALOG: 10, S/PDIF: 2, ADAT OPTICAL: 2)
CLASS COMPLIANT MODE: At 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz:	Recording: 8 channels (ANALOG: 8) Playback: 10 channels (ANALOG: 10)

USB 3.0 SuperSpeed

The USB 3.0 SuperSpeed transfer protocol used by the UAC-8, with a speed of 2.0 ms roundtrip @ 96 kHz / 32 samples, is ten times faster than USB 2.0 and six times faster than FireWire 800. That not only ensures low latency, it provides a data stream that's unaffected by computer jitter (slight variations in timing), so there's no need to connect an external master clock source.

The Hardware
INPUTS

The UAC-8 provides a wide variety of both analog and digital connectors. 8 front panel combo XLR/TRS inputs accept mic- and line-level signals, and you can even plug instruments directly into Inputs 1 and 2. Dedicated input gain controls and Clip LEDs make it easy to set optimum input levels, and a Phantom Power switch enables the use of condenser microphones.

OUTPUTS

The UAC-8 has dual balanced analog TRS output jacks for connection to monitors, and there are also 8 discrete balanced TRS analog line outputs for multichannel monitoring or connection to external effects devices. A large front-panel Output knob offers fast control over output level, and there are two independent ¼" stereo headphone jacks, each with its own dedicated volume control, for private monitoring.

DIGITAL I/O

8 ADAT and stereo S/PDIF digital inputs/outputs allow for the connection of up to 10 external channels, and built-in Word Clock enables easy integration into any system. In addition, MIDI In and Out is provided to allow interfacing with devices such as electronic keyboards and drum machines.

Upsampling, Standalone Mode

The UAC-8 uses high-end components such as the AKM AK5388 analog-to-digital converter and AKM AK4413 digital-to-analog converter. In addition, the UAC-8 performs 4-times upsampling during both analog-to-digital and digital-to-analog conversion. In other words, when the sampling frequency is set to 44.1 kHz or 48 kHz, the UAC-8 processes the signal at high resolution 176.4 kHz or 192 kHz.

For A/D conversion, this means less aliasing noise; for D/A conversion, this means increased clarity and fidelity.

In standalone mode, the UAC-8 can be used as an 8-channel mic preamp and analog-to-digital or digital-to-analog converter without being connected to a computer.

Extend your capabilities with software

UAC-8 MixEfx is a free Macintosh and Windows compatible application designed specially by Zoom for the UAC-8. It provides a comprehensive onscreen mixer, with independent level, phase reversal, and panning control for each channel. UAC-8 MixEfx also allows you to freely route all inputs to all outputs and to create custom mixes. In addition, MixEfx features effects like reverb and echo, and complete mixes can be stored in three different memory slots, allowing instant recall.

Features at a glance

    18-in/20-out USB 3.0 SuperSpeed audio interface
    Standalone mode allows use as an 8-channel mic preamp and A/D or D/A converter without connection to a computer
    Support for recording and playback of up to 24-bit/192 kHz high-resolution audio
    Low latency audio streaming
    8 combo balanced XLR/TRS analog input connectors accept both mic and line-level signal
    High-performance mic preamps with up to +60dB of amplification
    Hi-Z switches allow direct connection of electric guitar or bass (INPUT1, INPUT2)
    Independent gain controls and clip LEDs for each input
    Switchable +48 V phantom power (INPUTS 1-4, INPUTS 5-8)
    10 balanced TRS output jacks for connection to mixers, amplifiers, self-powered speakers, headphones, or effects devices
    Dual front-panel 1/4" headphone outputs with dedicated volume controls
    Large knob output volume control
    4x upsampling during A/D and D/A conversion for reduced noise and enhanced fidelity
    Asynchronous transfer system unaffected by computer jitter
    S/PDIF IN/OUT: 2IN / 2OUT, up to 24-bit/192 kHz
    ADAT Optical IN/OUT: 2 IN / 2 OUT at 192/176.4 kHz (S/MUX4 compatible), 4 IN/4 OUT at 96/88.2 kHz (S/MUX compatible), 8 IN / 8 OUT at 48/44.1 kHz
    Word Clock in/out
    Clock source indicator
    MIDI in/out
    Rack-mountable (1U space)
    Robust metal housing

Works with all USB 3.0-equipped Mac and Windows computers and Apple iPad*

* Apple Camera Connection kit or Lightning to USB Camera Adapter required

Accessories

Here's what comes included with the UAC-8:

Operation manual
USB 3.0 cable (1m)
Cubase LE download
Cubase LE startup guide