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Antelope Discrete 4 Pro Synergy Core four Antelope Discrete mic preamps has its own - zvučna kartica

Šifra: 16847

Kategorija prozivoda: Zvučne kartice

Proizvođač: Antelope Audio

Cena: 1.088,00 EUR

Antelope Discrete 4 Rro Synergy Core - zvučna kartica

phantom power and up to 65 dB of gain, so the interface is primed and ready for recording all sorts of microphones, instruments, or even line-level signals from outboard gear. Equipped with four independently adjustable headphone outputs, balanced monitor outs, and four DC-coupled line outputs, the Discrete 4 Pro Synergy Core can act as your studio's hub for multiple sets of headphones, mixes, monitor feeds, and more. Its ADAT and S/PDIF digital I/O ports are perfect for expanding

your setup with digital gear such as external converters, and the wordclock outputs ensure professional synchronization with other interfaces and clocks.

Updates to the Pro Model

Compared to the Discrete 4 Synergy Core, the Discrete 4 Pro Synergy Core delivers improved performance with greater dynamic range, less total harmonic distortion and noise, and quadruple the available channel strips for effects processing. Also, it replaces Thunderbolt 2 connectivity with Thunderbolt 3 (in addition to USB 2.0) and offers adaptive on-screen metering plus extended routing capabilities.

High-Fidelity Conversion and Clocking

The Discrete 4 Pro has been upgraded with studio-ready 192 kHz converters (up to 130 dB of headroom) and Antelope Audio's proprietary 64-bit AFC clocking. With the interface in your rack, you can experience a new level of detail in your recordings, and enjoy a wider soundstage for an exceptional stereo image in audio playback.

Transparent Preamps

Antelope Audio's discrete preamp topology is a descendant of the great console preamps of the time. Designed using a combination of transistors, the Discrete 6-transistor preamps result in high gain (up to 65 dB), minimal noise, and precise sound capture for pristine, transparent recordings.

Extensive Connectivity

The Discrete 4 Pro Synergy Core offers impressive analog and digital I/O in a compact, half-rack enclosure. Four mic/line inputs, two instrument inputs, four DC-coupled line outputs, a pair of monitor outputs, four headphone outputs, plus 8-channel ADAT and stereo S/PDIF I/O are at your disposal. For your computer connection, you have USB 2.0 and Thunderbolt 3 ports. All I/O is available at any time and can be used simultaneously without the need to change setups, making it easy to work on multiple sessions.

Tools for Guitarists

Plug in your guitar directly to one of the two Hi-Z enabled inputs, and instantly sculpt your tone with guitar amps and cabinet models. Add compression, EQ, and AuraVerb while playing through your preferred amp, cabinet, and microphone combination.

Word Clock for Pro Sync

Two wordclock outputs let you distribute the interface's highly stable clock signal across your studio. Versatile Control Panel

A virtual routing patch bay on the Discrete 4 Pro Synergy Core streamlines the routing process and even adds creative possibilities. Apart from the intuitive routing, the software control panel allows you to create presets, quickly configure mixes with four fully independent 32-channel virtual mixers, and more. With the enhanced processing, you can add effects on every input source.

Pushing the FX Further

The 37 effects included with Discrete 4 Pro are modeled after iconic studio equipment and can be applied in real time during monitoring, postproduction, and live recording. Aside from the exclusive compressors, EQs, and preamps, the interface comes with 22 guitar amps and cabs, a guitar tuner, and a signature reverb that are processed with near-zero latency entirely inside the interface, putting zero load on your host CPU. The onboard Synergy Core contains the processing power of a complex multirack setup, which enables you

to load effects on up to 16 channel strips (quadruple the available channel strips compared to the original Discrete 4 Synergy Core). At any time, you can expand your effects collection by purchasing more classic go-to units, true rarities never before recreated in digital form, and 3rd party effects like Antares Auto-Tune Synergy.

Session Recall

For every individual recording scenario, you can save session files and create exact snapshots of your effect chains, so you can load them later without losing your progress.

Ready for Mic Modeling

The interface's Modeling Engine is ready to be paired with the Edge line of microphones (available separately) for real-time use of vintage microphone emulations.

Workflow-Enhancing Features

Direct hardware monitoring with Synergy Core effects, processed in real time with imperceptible latency Expanded routing capabilities—switch audio sources per channel based on a drop-down menu sequence or make use of a virtual routing matrix

Customizable presets complete with signal routing, level adjustments, mixer settings, and submixes Four independent mixers for the monitor and headphone outputs with adjustable levels, panning, stereo link, and real-time effects

Supports standalone operation

Wireless control of software features from a separate computer connected to the same network 37 Real-Time Effects

The collection of 37 Synergy Core effects is powered by the Synergy Core proprietary onboard platform, which uses two DSP chips and one FPGA chip for real-time effects processing with imperceptible latency.

BA-31: Germanium mic preamp

Gyraf Gyratec IX: Dual tube mic preamp with high-pass filter

Clear Q: Parametric EQ VEO-1A: 2-band tube EQ

VMEQ-5: 3-band tube midrange EQ

VEQ-HLF: Tube 2-band high- and low-pass filters

VCA160: VCA compressor/limiter Stay-Levin: Vari-Mu tube compressor FET-A76: FET compressor/limiting amplifier

X903: VCA compressor/limiter

PowerFFC: Feed-forward compressor

Power Gate: Noise gate Power EX: Expander Auraverb: Reverb A-Tuner: Guitar tuner

Plexi 59 (UK): Tube guitar amp Bass SuperTube VR: Tube guitar amp Darkface 65 (US): Tube guitar amp Top30 (UK) Bright: Tube guitar amp Tweed Deluxe (US): Tube guitar amp Overange 120 (UK): Tube guitar amp BurnSphere (DE) Lead: Tube guitar amp Marcus II (US) Lead: Tube guitar amp Modern (US) CH3: Tube guitar amp Rock 75 (UK): Tube guitar amp

Rock 22.10 (UK): Tube guitar amp Darkface 65 2x12: Guitar cabinet

Top30 2x12: Guitar cabinet Modern 4x12: Guitar cabinet Green 2x12: Guitar cabinet Vintage 4x12: Guitar cabinet Green 4x12: Guitar cabinet Caliper 50 1x10: Guitar cabinet Bluelux 1x12: Guitar cabinet Clst 1x12: Guitar cabinet

England 4x12: Guitar cabinet Bass Tube 1x15: Guitar cabinet

Antelope Discrete 4 Pro Synergy Core Specs Form Factor Rackmount Display 1 x Color Channels of I/O Analog: 4 Inputs / 10 Outputs Digital: 10 Inputs / 10 Outputs Maximum Sampling Rate 192 kHz / 24-Bit Number of Microphone Preamps 4 Preamps Built-In Microphone None Input Level Adjustment 1 x Knob **Expansion Slots None** Signal Processing Pad None Gain/Trim Range Mic Inputs: Up to $+65 \, dB$ High-Pass Filter None Connectivity Analog Audio I/O 2 x Combo XLR-1/4" TRS Balanced/Unbalanced Mic/Line/Hi-Z Input (Front Panel) 2 x Combo XLR-1/4" TRS Balanced Mic/Line Input 4 x 1/4" TRS Unbalanced Headphone Output (Front Panel) 4 x 1/4" TRS Balanced Line Output (DC-Coupled) 2 x 1/4" TRS Balanced Monitor Output Phantom Power 48 V, Selectable On/Off (Selectable on Individual Inputs) Digital Audio I/O 1 x TOSLINK Optical ADAT Input (S/MUX Support) 1 x TOSLINK Optical ADAT Output (S/MUX Support) 1 x RCA Coaxial S/PDIF Input 1 x RCA Coaxial S/PDIF Output Host Connection / USB 1 x USB Type-C 1 x USB Type-B Host Connection Protocol Thunderbolt 3 **USB 2.0** USB (Non-Host) None Sync I/O 2 x BNC Word Clock Output Network I/O None MIDI I/O None Wireless Connectivity None Performance Maximum Input Level Mic Inputs: +18 dBu Maximum Output Level Line/Monitor Outputs: +20 dBu Dynamic Range Mic Inputs: 122 dB (A-Weighted) A/D Converters: 122 dB Line Outputs: 121 dB **Monitor Outputs:** 130 dB THD Mic Inputs: -116 dB THD+N A/D Converters: -116 dB Line Outputs: -100 dB **Monitor Outputs:** -115 dB **EIN Mic Inputs:** -128 dBu A-Weighted **Digital Audio**

Sample Rates 44.1 / 48 / 88.2 / 96 / 176.4 / 192 kHz Sample Rate Conversion None Bit Depths 24-Bit (AD/DA Conversion) 64-Bit (Clocking) Sync Sources ADAT, Internal, S/PDIF Clocking Word Clock: Input Termination: 75 Ohms Input Voltage: 3 V p-p Output Voltage: 3 V p-p Lock Range: 32 to 192 kHz Audio Storage & Playback Memory Card Slot None Compatibility OS Compatibility macOS Windows *As of April, 2022: Check with manufacturer for the most up-to-date compatibility Included Software None Compatible Software (Not Included) Any Core Audio (Mac) Compliant Software Included Plug-Ins Preamp & Channel Strip: **BA-31** Gyraf Gyratec IX Equalization: Clear O VEQ-1A **VEQ-HLF** VMEQ-5 Dynamics: FET-A76 **PowerFFC** Power EX **Power Gate** Stay-Levin **VCA160** X903 Reverb & Room: Auraverb Tunina: A-Tuner Guitar & Bass: Bass SuperTube VR Bass Tube 1x15 Bluelux 1x12 BurnSphere (DE) Lead Clst 1x12 Caliper 50 1x10 Darkface 65 2x12 Darkface 65 (US) England 4x12 Green 2x12 Green 4x12 Marcus II (US) Lead Modern 4x12 Modern (US) CH3 Overange 120 (UK) Plexi 59 (UK) Rock 22.10 (UK) Rock 75 (UK) Top30 2x12 Top30 (UK) Bright Tweed Deluxe (US)

Vintage 4x12

Supported Drivers/API & Plug-Ins Proprietary Mobile Device Compatibility None Required Hardware Available Thunderbolt 3 Port or USB 2.0 Port Internet Connection Required for Registration, Software/Driver Download, Plug-In Authorization Power Power Requirements AC/DC Power Adapter (Included)

AC/DC Power Adapter 18 V, Center-Positive (Included)

Power Consumption 15 W

Physical

Anti-Theft Features Kensington Security Slot Operating Temperature 32 to 122°F / 0 to 50°C Dimensions 10.3 x 8.2 x 1.7" / 26.1 x 20.8 x 4.4 cm Weight 3.7 lb / 1.7 kg Packaging Info Package Weight 5.71 lb