

Antelope Discrete 8 Pro Synergy Core - Zvučna kartica

Šifra: 16533

Kategorija prozivoda: Thunderbolt Zvučne kartice

Proizvođač: Antelope Audio

Cena: 109.800,00 rsd

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

Updates to the Pro Model

Compared to the Discrete 8 Synergy Core, the Discrete 8 Pro Synergy Core delivers improved performance with greater dynamic range, less total harmonic distortion and noise, and double the available channel strips for effects processing. Also, it replaces Thunderbolt 2 connectivity with Thunderbolt 3 (in addition to USB 2.0).

High-Fidelity Conversion and Clocking

The Discrete 8 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 preamps result in high gain (up to 65 dB), minimal noise, and precise sound capture for pristine, transparent recordings.

Extensive Connectivity

The Discrete 8 Pro Synergy Core offers impressive analog and digital I/O in one rack space. Eight mic/line inputs, two instrument inputs, eight DC-coupled line outputs on a DB25 connector, two reamp outputs, a pair of monitor outputs, two headphone outputs, plus 16-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. The Discrete 8 Pro's two reamp outputs allow you to connect any of your effect pedals or outboard gear, and record that sound back into your preferred DAW.

Word Clock for Pro Sync

Three wordclock outputs let you distribute the interface's highly stable clock signal across your studio while the wordclock input allows you to sync the Discrete 8 Pro Synergy Core with other gear.

Versatile Control Panel

A virtual routing patch-bay on the Discrete 8 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, and more. With the enhanced processing, you can add effects on every input source.

Pushing the FX Further

The 37 effects included with Discrete 8 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,

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Each of the eight Antelope Discrete mic preamps has its own 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 two independently adjustable headphone outputs, balanced monitor outs, eight line outputs, and two reamp sends, the Discrete 8 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

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 multi-rack setup which enables you to load effects on up to 16 channel strips (double the available channel strips compared to the original Discrete 8 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 effects 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

Front panel with independent headphone and monitor volume knobs and buttons for sample rate configuration, and hands-on control of core parameters

Hardware relay-based gain knobs for each preamp plus mode control (mic / line / Hi-Z) via push sequence

Supports standalone operation

Wireless control of software features from a separate computer connected to the same network

Footswitch input supports functionality as a single footswitch to control the dim function and as a dual footswitch to control both the talkback and dim functions

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

VEQ-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 8 PRO SYNERGY CORE Specs

Form Factor Rackmount

Display 1 x Color

Channels of I/O Analog:

8 Inputs / 14 Outputs

Digital:

18 Inputs / 18 Outputs

Maximum Sampling Rate 192 kHz / 24-Bit

Number of Microphone Preamps 8 Preamps

Built-In Microphone 1 x (Talkback)

Input Level Adjustment 8 x Knob

Expansion Slots None

Signal Processing

Pad None

Gain/Trim Range Mic Inputs:

Up to +65 dB

Connectivity

Analog Audio I/O 2 x Combo XLR-1/4" TRS Balanced/Unbalanced Mic/Line/Hi-Z Input (Front Panel)

6 x Combo XLR-1/4" TRS Balanced Mic/Line Input

1 x DB-25 25-Pin Balanced Line Output (DC-Coupled)

2 x 1/4" TRS Unbalanced Headphone Output (Front Panel)

2 x 1/4" TRS Balanced Monitor Output

2 x 1/4" TRS Balanced/Unbalanced Monitor/Re-Amp Output

Phantom Power 48 V, Selectable On/Off (Selectable on Individual Inputs)

Digital Audio I/O 2 x TOSLINK Optical ADAT Input (S/MUX Support, S/MUX4 Support)

2 x TOSLINK Optical ADAT Output (S/MUX Support, S/MUX4 Support)

1 x RCA Coaxial S/PDIF Input

1 x RCA Coaxial S/PDIF Output

Host Connection / USB 1 x USB Type-C (Thunderbolt 3)

1 x USB Type-B (USB 2.0)

USB (Non-Host) None

Sync I/O 1 x BNC Word Clock Input

3 x BNC Word Clock Output

Network I/O None

MIDI I/O None

Other I/O 1 x 1/4" TS Footswitch Input

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

D/A Converters:

121 dB

Monitor Outputs:

130 dB

THD Mic Inputs:

-116 dB

THD+N A/D Converters:

-116 dB

D/A Converters:

-100 dB
Monitor Outputs:
-115 dB
EIN Mic Inputs:
-128 dBu A-Weighted
Digital Audio
Sample Rates 32 / 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, Word Clock
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
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 Q
VEQ-1A
VEQ-HLF
VMEQ-5
Dynamics:
FET-A76
PowerFFC
Power EX
Power Gate
Stay-Levin
VCA160
X903
Reverb & Room:
Auraverb
Tuning:
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)

Physical

Rackmount Size 1 RU

Operating Temperature 32 to 122°F / 0 to 50°C

Dimensions 19 x 8.7 x 1.7" / 48.3 x 22 x 4.4 cm

Weight 6.6 lb / 3.0 kg

Packaging Info

Package Weight 9.085 lb

Box Dimensions (LxWxH) 25.6 x 14.1 x 3.8"