



News Home > A-D / D-A Converters

Antelope Audio Orion 32 now available

19/02/2013

USB and MADI 32-channel AD/DA converter and master clock only takes up one rack unit

SHARE

Antelope Audio are known for pioneering the use of atomic clock generators in audio master clocks. Now, their latest product, the Orion 32, combines their clocking know-how with an expansive AD/DA converter that operates over USB 2 and MADI.



By utilising a custom-built USB chip, Antelope assert that the new unit will allow for 32 channels of input and 32 channels of output simultaneously over USB 2 at sample rates of 192kHz, dropping to 24 when using a Mac.

The accompanying cross-platform software offers a control panel with a drag-and-drop matrix and mixer (shown below).

The Orion 32 will be available for £2094 including VAT. For more information from Antelope, read on.



Press Release: Antelope Audio have shipped the new Orion 32, the world's first 32-channel AD/DA converter and audio master clock in a 1U rack. The new device supports both MADI and USB interfaces, clocked by Antelope's renowned 64-bit Acoustically Focused Clocking (AFC) technology.

Orion 32 allows 192 kHz I/O streaming of 32-channel digital audio through its custom-built USB chip, which provides simple connectivity to any USB-enabled DAW or computer. The converter also provides 32 channels of 96 kHz audio through its Fiber Optic MADI I/O connections, which can be used to connect with any suitably equipped MADI device.

Orion 32 also supports ADAT protocol by offering 16 I/O channels, for even greater compatibility with a large number of audio devices. The multi-channel converter inputs and outputs pass the analog signal through 8 D-SUB 25 I/O connectors.

Antelope Clocking for Increased Sonic Accuracy

In addition to being an extremely high quality audio converter, Orion 32 is also an audio master clock. The Orion 32 employs Antelope's proprietary 4th generation of AFC and oven controlled oscillator, both technologies that made Antelope Audio clocks an industry leader for accuracy and reliability in recording, mastering and post-production facilities around the world. The four word clock outs, together with the 10 MHz input, make Orion 32 ideally suited to be in the center of any project or high-end studio.

"The multi-channel Orion 32 is the logical step, following our highly acclaimed stereo AD/DA converter Eclipse 384 we launched last year," Igor Levin, Antelope Audio CEO says. "We have developed this device in response to customers who have demanded Antelope's signature-quality sound, but in a multi-channel device. Orion 32 is ideally suited to a sound engineer's needs for high quality, clean and transparent conversion, combining the efficiency of MADI and USB interfaces with the perfection of Antelope clocking."

With its seamless digital routing options, the Orion 32 offers exceptional flexibility. The routing feature allows sound engineers to, for example, use the AD conversion and output the signal simultaneously both through the MADI and USB interfaces. The device is managed through a user friendly desktop application available for both Windows and OS X. Moreover it is equipped with five preset buttons for fast and easy recall of favorite settings.

Orion 32 is packaged in a 1U enclosure with an eco-friendly power consumption of only 15 Watts. In addition to saving rack space and having very low heating levels, Orion 32 comes with an extremely reasonable pricing even for small home studio, launching with a street price of only £2094 inc VAT.

Key Features:

- Antelope Audio precise AD/DA conversion technology
- Up to 192 kHz on 32 channels I/O via custom-built USB chip
- 32 channels I/O via Fiber Optic MADI I/O connections
- Eight D-SUB 25 connectors for AD and DA
- 16 channels on 4 ADAT input and output connectors
- Antelope's renowned 64-bit Acoustically Focused Clocking with Atomic input
- Antelope's proprietary Oven Controlled Oscillator for supreme clocking stability
- Four word clock outputs and one word clock input
- Five presets for fast and easy recall of favorite setups
- 1U rack size with power consumption of 15 Watts and very low heating levels
- A user friendly desktop application available for both Windows and OS X



FREE!
SONTRONICS
STC-10 pencil mic
WORTH £95

with our
NEW
STC-3X

ONLY £239

CLICK HERE
to find out more

Reason has
a rack for
Instruments



propellerhead



Antelope Audio News

Antelope Audio announce Zen Studio portable audio interface Features 38 simultaneous inputs, 12 preamps and DSP effects

Antelope Audio Orion 32 now available
USB and MADI 32-channel AD/DA

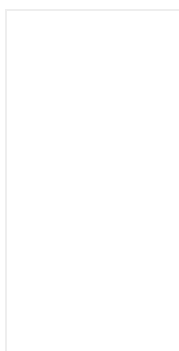
A-D / D-A Converters News






AES 2013: Radial USB Pro Stereo USB Laptop DI

AES 2013: Benchmark DAC2 Series Digital to analogue converters

All News Channels

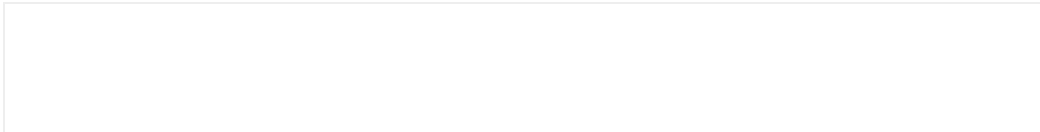
[Click to jump to a channel](#)




 <p>converter and master clock only takes up one rack unit</p> <p>19/02/13</p>	 <p>SNAMM 2013: Emotiva DC-1 (Video) 24/192 fully differential DAC with professional balanced outputs</p> <p>22/07/13</p>	<ul style="list-style-type: none"> Accessories A-D / D-A Converters Amplification / Amplifiers Artists / Personnel Books / Publications Bought + Sold Composing / Arranging Computers Computer Recording Systems Controllers Courses / Education Drum Machines Drums / Percussion / Cymbals Effects / Processing Events / Exhibitions Guitars / Bases Industry / Music Business
 <p>AES 2010: Antelope Audio Zodiac Gold (Video) 384kHz D/A converter</p> <p>11/11/10</p>	 <p>SNAMM 2013: Tascam DA3000 (Video) High definition 2-track master recorder and AD/DA converter</p> <p>19/07/13</p>	
 <p>Antelope Audio Orion 32 now available USB and MADI 32-channel AD/DA converter and master clock only takes up one rack unit</p> <p>19/02/13</p> <p>> All A-D / D-A Converters news</p>		

[top](#)

[Home](#) | [Search](#) | [News](#) | [Current Issue](#) | [Tablet Mag](#) | [Articles](#) | [Forum](#) | [Subscribe](#) | [Shop](#) | [Readers Ads](#)
[Advertise](#) | [Information](#) | [Digital Editions](#) | [Privacy Policy](#) | [Support](#) | [Login Help](#)





Web Edition

[Buy PDF articles](#)

[Magazine Feedback](#)

New Search

[Forum Search](#)

[Search Tips](#)

Today's Hot Topics

[Forum Channel List](#)

[Forum Search](#)

[My Forum Home](#)

[My Forum Settings](#)

[My Private Messages](#)

[Forum Rules & Etiquette](#)

Change Password

[Change My Email](#)

[Change My Address](#)

[My Subscription](#)

[My eNewsletters](#)

[My Downloads](#)

Registered Office: Media House, Trafalgar Way, Bar H...
Cambridge, CB23 8SQ, United Kingdom.

Sound On Sound Ltd is registered in England and Wales.
Company number: 3015516 VAT number: GB 638 5307
26

Subscribe Now

[Web Subscription FAQs](#)

Reviews

[Technique](#)

[Sound Advice](#)

[People](#)

[Glossary](#)

About SOS

[Contact SOS Staff](#)

[Advertising](#)

[Controlled Circulation](#)

[Licensing Enquiries](#)

[Magazine One-to-ones](#)

[Submit New Adverts](#)

[View My Adverts](#)

Watch exhibition videos, tutorials, interviews, masterclasses

Analytics & Cookies

All contents copyright © SOS Publications Group and/or its licensors, 1985-2014. All rights reserved

The contents of this article are subject to worldwide copyright protection and reproduction in whole or part, whether mechanical or electronic, is expressly prohibited without the prior written permission of the Publishers. Great care has been taken to ensure accuracy in the preparation of this article but neither Sound On Sound Limited nor the publishers accept any liability for errors or omissions. The views expressed are those of the contributors and not necessarily those of the publishers.

Web site designed & maintained by PB Associates | SOS | Relative Media

Cookie Control

This SOS site uses some unobtrusive cookies to store information on your computer.

[I am happy with this](#)

[read more](#)