

# A16 Ultra

## ADAT / Analog Converter



The A16 Ultra (available as phone jack or XLR version) is a high-quality, flexible AD/DA converter in a robust 19 inch/1U rackmount unit with servo-balanced phone jacks. Having 16 analog inputs and 16 analog outputs with uncompromising sound quality, two ADAT optical- and two Z-Link interfaces, the A16 Ultra is the perfect choice for professional studio setups.

### Highlights

Two independent ADAT interfaces, fully compatible with all devices which feature this widely-used digital interface, including S/MUX option for 8 channel I/O at 24 bits / 96kHz

The SONIC CORE-proprietary Z-Link interface, based upon FireWire technology, offers higher transfer bandwidth than ADAT thus allowing up to 16 channels at 24 bits / 96 kHz

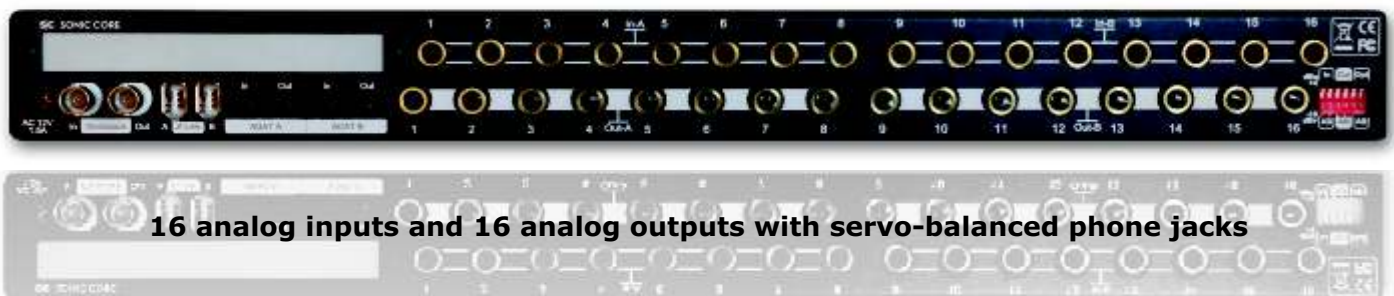
Ideal for use with all Sonic Core systems that are equipped with Z-Link. Using the A16 via Z-Link adds the possibility to use up to two external ADAT-compatible devices via the ADAT optical connectors

The level indicators permit convenient, precise setting of signal levels and allow you to keep everything under visual control at all times

Integrated Memory function - the converter stores its current settings when you switch power off thus allowing for a smooth workflow at the next power up.

### Technical Specifications

- high quality 24-Bit / 96 kHz AD/DA converters (AKM) ensure crystal-clear sound and absolute fidelity
- 16 inputs and 16 outputs analog servo-balanced
- Analog level switchable between -10 dBv and +4 dBu
- Supported sample rates: 32, 44.1, 48, 88.2 and 96 kHz
- Two ADAT optical interfaces: 2 x 8-channel I/O, 24 bits
- 16 VU meters using 5-segment LED indicators
- Two SONIC CORE Z-Link interfaces for 16 I/O channels with 24 bits / 96 kHz
- S/MUX in hardware: 8 channel I/O at 24 bits / 96kHz via ADAT optical
- BNC Wordclock I/O for full synchronization of a complete digital setup



find more info at  
[www.soniccore.de](http://www.soniccore.de)

# A16 / 3DSP SCOPE Pro Audio Pack



## A16 / 3DSP SCOPE Pro Audio Pack

In combination with a 3DSP SCOPE -PCI board the A16 makes an excellent connection to your computer, thus delivering 16 I/Os and several reliable DSP plug-ins of the SCOPE Platform.

A continuously developed low-latency technology allows the professional user to work with an agreeable, quasi-analog behaving audio platform. The flexible software environment includes a full range of plug-in audio devices: A selection of digital mixers, more than 50 audio effects, samplers and synthesizers in uncompromising sound quality. Additional compatible plug-ins developed by well-known third-party manufacturers are available, too. (e.g. Algorithmix, Digital Audio Soft, Sonic Timeworks, Brainworx, SPL)



## 3DSP SCOPE PCI System

Much more than just an I/O board, 3 DSP is the perfect solution for entering the world of professional recording. Equipped with three DSPs, it provides the uncompromising SONIC CORE audio quality and performance for recording, mixing, surround sound, and effects processing.

### Highlights

- Onboard 16/32-channel recording mixer and 16-channel 5.1 surround mixer
- Onboard DSP effects (MasterVerb reverb, filters, dynamics, modulation effects, etc.)
- Mixer and effects ready for live use - no latency, for perfect monitoring!
- Unique audio-driver management, suitable for your existing applications



## A WORLD OF SOUND



for Windows Vista & XP



for MAC OS X

### SPECIFICATIONS

Bundle consisting of one A16 ULTRA 16 channel AD/DA converter and one SCOPE 3 DSP System incl. 20 channel ADAT Expansion, 24-Bit / 96 kHz PCI board, 3 SHARC DSPs, MIDI-I/O, 1 x stereo analog, 1 x stereo digital (S/PDIF), 2 x ADAT, 2 x Zlink, Ultra Low Latency driver, ASIO 2, GSIF, MME, DirectSound

## A WORLD OF SOUND