Ferrofish announces A32 Dante

January 2017

Audio AG, the exclusive Ferrofish distributor for Europe, Middle East and Africa, proudly introduces the Ferrofish A32 AD/DA converter with support for Dante audio networking. Designed to streamline system cabling in both live and installed sound applications, the A32 Dante supports a wide range of audio formats, incorporates leading edge technology, and can also serve as a hi-end audio format converter.

With its Dante audio networking capability, the new Ferrofish A32 Dante makes a terrific choice for studio, live, and installed applications. By utilizing uncompressed, multi-channel digital media networking technology with near-zero latency and synchronization, the A32 Dante is designed to eliminate the unsightly and often trouble prone mass of cables utilized in large scale productions or AV installations. Dante does away with heavy, expensive analog or multicore cabling, replacing it with low-cost, easily-available CAT5e, CAT6, or fiber optic cable for a clean, lightweight, and economical solution over a single, standard IP network.

The A32 Dante supports a wealth of audio formats - making it an exceptional choice for a myriad of environments. The unit supports 64 channels of MADI I/O, 32 channels of ADAT optical I/O, and 32 channels of analog I/O. Additionally, one ADAT optical connector can be used alternatively as S/PDIF.

Because of this wealth of I/O choices, the unit is also a very capable audio format converter while simultaneously functioning as an AD / DA converter. Audio can be freely routed (in groups of 8) between all interfaces. As an example, it is possible to use the first 32 Dante channels for converting to analog while using the remaining 32 Dante channels to connect the A32 Dante with ADAT equipment.

To ensure the finest audio quality, the new A32 Dante employs 24-bit 192 kHz high quality converters with analog gain switches. The gains of each channel can be separately adjusted in 0.5 dB steps, and the standard levels (+4 dBu, +13 dBu und +20 dBu) are switched in the analog domain, ensuring the full analog performance of the converter is preserved.

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Operation and control of the A32 Dante is intuitive and comprehensive. The unit provides four TFT screens that permit the complete control of all levels and adjustments on the equipment, which includes extensive routing possibilities. Any input signal (in groups of 8) can be routed to any output signal. Equally notable, the A32 Dante's remote control capabilities are impressive. In addition to remote operation via Dante, MIDI, or USB, the system also supports MIDI over MADI. This capability provides remote control of the A32 Dante via the same MADI cable carrying audio signal.

The new A32 Dante ensures the finest audio quality in both the analog and digital domains. The A32 Dante's high-end analog circuit is complemented on the digital side by a 400 MHz Sharc DSP that facilitates extremely precise audio calculations to ensure that, on the digital side, not a single bit is lost. The result is stunning audio performance throughout.

Connectivity / Features

- · 64 DANTE in / 64 DANTE out
- · 32 balanced inputs, 32kHz -192kHz
- · 32 balanced outputs, 32kHz -192kHz
- · Thermal stabilized oscillator with very low jitter and high stability
- · 64 MADI in/out optical and coaxial
- · MIDI over MADI
- · 4x ADAT TOSLINK inputs
- · 4x ADAT TOSLINK outputs
- · SMUX up to 192kHz
- · BNC Wordclock
- · MIDI in/out plugs
- · Headphone/submix output for easy control

- · 4 x TFT Screens allow complete control of all levels and settings
- · One Key Control allows easy control of all functions
- · 64 analog channels are visible the same time, peak and level display
- · No need to study the manual, multi language help pages guides available
- · Preset Management
- · 400 MHz Sharc DSP processes all 258 audio channels
- · Extensive routing/mixing possibilities
- · Individual delay-compensation of all analog outputs
- · DSP Plugin Mainframe

Hi-res image pack of the Ferrofish A32 Dante:

www.audioag.com/download/AG_Ferrofish_A32_Dante_Images.zip