A32pro Dante Converter Multimode

32 x 32 AD/DA <> MADI <> ADAT <> Dante Converter

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The A32pro Dante is our flagship connecting digital and analog audio to the world of Dante: All interfaces, whether analog, MADI or ADAT, are brought using the integrated routing matrix into the Dante network. Of course, all features of the A32pro are still available.

The A32pro Dante is not just a converter – it’s also the ultimate problem solver thanks to its incredible flexibility, thanks to its modular hardware platform. Overall, the A32pro Dante processes 386 channels, all highly integrated into a 1 slim rack unit. Enumerating all the configurations of the A32pro Dante is almost impossible: in addition to the 32 x 32 studio-grade balanced analog inputs and outputs up to 192kHz, there are a stereo main out, four ADAT I/O, two MADI I/O ports (SFP slots) and of course Dante, brought out redundant on two RJ45 jacks. Everything is routable in groups of 8 channels each.

Clarity and operational reliability has first priority: Both Dante and MADI are laid out redundant, an essential feature for live operation! Of course, a second power supply can be connected, and thanks to the four multitouch TFT screens, the user always has full control.

Packed into a compact 1RU, the highly integrated converter is equipped with 32 x 32 balanced analog channels, brought out on eight D-SUB connectors. They deliver studio levels up to +20dBu, individually adjustable in 1dB steps. The sophisticated design, using latest generation ESS converters, accompanied with a temperature-compensated clock and jitter reduction PLL guarantees best crystal clear sound up to 192kHz.

Even operation of the A32pro Dante is done without any compromise, almost self explaining, as with all our products: A total of four multitouch TFT screens show the levels of all 64 channels, it can’t be done better. Controlling the unit also benefits from the touch screens: Operating the unit has never been more a pleasure. The A32pro units can also be controlled by the RemoteFish App (PC and Mac) via USB (USB-over-MIDI), MIDI, MIDI-over-MADI and Remote-over-Dante.

The two HQ headphone outputs can monitor any analog or digital input or output: Ideal for control or monitoring. As a monitoring format mono, stereo and even M/S is possible. In addition to the dual stereo operation a fully balanced mode using both outputs for even more output power is available.

Dante Plug & Play

Integrate the A32pro Dante seamlessly into your Dante network has never been easier. Just plug it in and the device is visible on the network and ready to be routed freely using the Dante Controller software. Together with the Dante PCIe Card or DVS (Dante Virtual Soundcard), the A32 Dante turns into a universal audio interface.

4 x Multitouch TFT User Interface

Keep track of all 64 analog input and output channels at any time: Everything is shown clearly on the four TFT screens. The screens also show the status of all digital interfaces, as well as the status of GPIO and loaded preset, easy to always keep track of whats happening. Status information and all functions are presented clearly and intuitively, so no need to consult the manual anymore. The multitouch sensitive user interface makes the unit a pleasure to operate.

Internal Routing Matrix

All 192 x 192 analog and digital channels of the A32pro Dante are brought together in groups of 8 using the internal routing matrix. For easy monitoring, any channel, no matter if input or output can be monitored in mono, stereo and even in M/S (mid/side) by one of the two independent headphone outputs. For audiophile scenarios a full balanced output mode using two stereo outputs for balanced wired headphones is available as well.

Dual Slots for DSP Sticks

The modular platform is ready for expansion: Two slots for optional DSP sticks open a whole new world for multichannel audio processing.

Flexible Remote Control

The comprehensive remote software RemoteFish for PC and MAC is available to control the A32pro series. In addition to USB, the A32pro Dante can also be connected via MIDI, MIDI-over-MADI and Remote-over-Dante. All Ferrofish devices are automatically detected and listed in the software.

Redundant Power Supply

For reliability, the A32pro Dante can be powered by two power supplies. Both power supplies are permanently monitored, and switched without interruption in case of failure. Warning message is shown on the screen or send via MIDI to be able to react on this failure.

Full specs at: https://www.ferrofish.com/portfolio/a32pro-dante-converter-multimode/#specifications