

FERROFISH A32

Musikmesse 2015 | Frankfurt April 15th, 2015

Starting with the A16 MK-II Ferrofish set a new standard: Never before there was a converter including a MADI interface on the market for such an attractive price.

With this success, the demand for more channels rose. The new A32 fulfills this request. But that's not enough: In addition to a complete redesign of the A/D – D/A section, many other useful features were added. The new A32 is again a quantum leap in converter technology, for the same price per channel!

Ferrofish A32 - MADE for MADI

The A32 is designed for MADI – the digital audio interface for professionals. Up to 64 channels can be transferred using a simple pair of glass fiber cables (or coaxial cable) spanning a distance of up to 2 kilometers (1.2 miles).

Thanks to the MIDI over MADI feature, the A32 can be remote controlled using MIDI data embedded in the same MADI cable. The audio transfer between the MADI input and MADI output is done with zero latency, so you can daisy chain multiple A32 without any added latency or delay compensation. This is what we call plug-and-play!

Your Companion for Live and Studio work

Besides MADI, the A32 also offers full ADAT integration. Four full-fledged ADAT I/O ports allow use of all 64 analog channels, even without MADI. So the A32 is perfectly suited for the professional and ambitious home recording studio.

One of the ADAT connectors can alternately be used as an optical S/PDIF or AES/EBU interface. This port has a sample rate converter inside, so it's easy to use even when the connected unit is not able to sync to an external clock.

The analog side of the A32 also has lot to offer: High quality converter chips with excellent audio performance are supported by a sophisticated analog amplifier circuit.

The gain of each channel can be adjusted separately in 0.5 dB steps. The standard levels (+4 dBu, +13 dBu and +20 dBu) are switched in the analog part, so performance of the analog converters is maintained.

Control of all 64 Channel Levels and Settings

The new visual control concept of the A32 embarks on a new path: Besides the precise level meters of all 64 analog channels, the four TFT displays offer a very new, self explanatory method of operation – it's unlikely you will ever need the manual!

To the audio under control, we added a headphone output on the front side. This not only allows direct monitoring of any analog or digital signal, but also works as full-fledged submix bus.

The high quality analog circuit is partnered on the digital side with a Sharc DSP. This processor takes great care of the digital audio with it's floating point arithmetic and 80 bit wide accumulator, so that on the digital side, not a bit gets lost!

Connectivity / Features

- 32 balanced inputs, 32kHz -192kHz
- 32 balanced outputs, 32kHz -192kHz
- Thermal stabilized oscillator with very low jitter and high stability
- MADI optical and coaxial
- MIDI over MADI
- 4x ADAT TOSLINK inputs
- 4x ADAT TOSLINK outputs
- SMUX up to 192kHz
- BNC Wordclock
- MIDI in/out plugs and MIDI over MADI
- Headphone/submix output for easy control
- 4x TFT Screens allow complete control of all levels and settings
- One Key Control allows easy control –of all functions
- 64 analog channels are visible at the same time, peak and level display
- No need to study the manual, multi language help pages guides available
- Preset Management
- 400MHz Sharc DSP processes all 258 audio channels
- Extensive routing/mixing possibilities
- Individual delay-compensation of all analog outputs