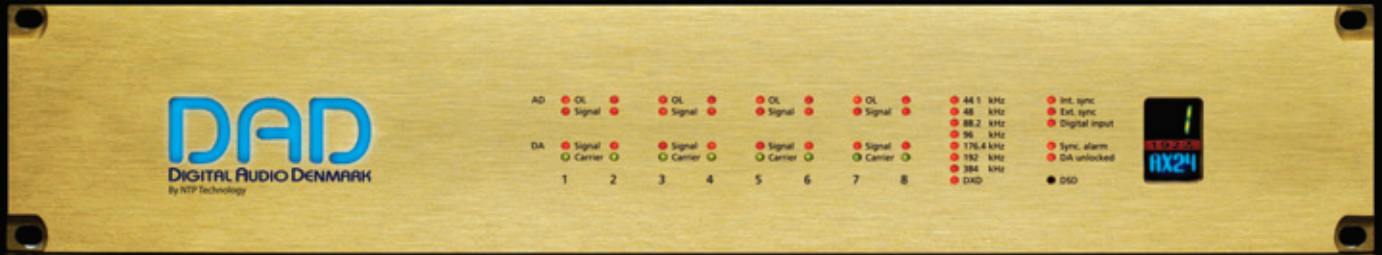


AX24 | 192 PHD



AX24 192 PHD brings you the most natural AD and DA conversion based on the exceptional design features of the AX24 Converter system. With the build in interface for Pro Tools HD™ the AX24 192 PHD is the ultimate front end for the recording system.

Key features

- 8 Channel AD/DA conversion
- Direct connection to Pro Tools HD™
- Remote control via Windows PC or Mac
- 192kHz sample rate, 24 bit
- Built in optional high quality Mic Pre amps
- Pro Tools PRE emulation and EuCon control

Configuration

AX24 192 PHD is available in an 8 channel version with AD or DA only, or both AD and DA. On the AD input State-of-the-art Mic Pre amps can be installed providing an ultimate low-noise microphone front end.

AX24 192 PHD operates up to the 192 kHz sample rate, and has one digital interface – the DADI/O-PHD module. Even if more digital I/O modules are needed, like MADI or AES3, or if the sample rate needs to be 384 KHz, the unit can be upgraded to a standard AX24 Converter system.



NTP TECHNOLOGY

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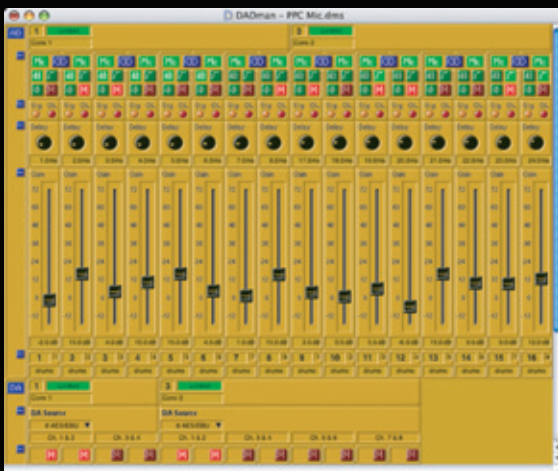
Applications

Connection to Pro Tools HD

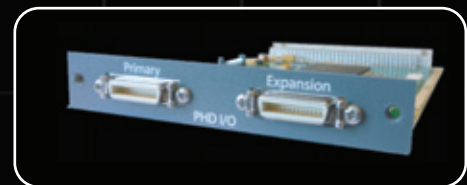
AX24 192 PHD is configured with one DADI/O-PHD digital I/O card. The card has two DigiLink interfaces for connection directly to the Pro Tools DSP cards. The AX24 192 PHD will appear in Pro Tools as a 192 I/O with 8 analog input channels and 8 analog output channels. Up to four AX24 192 PHD units can be connected to one DigiLink providing a total of 32 I/O channels at 192 kHz sampling frequency.

Remote Control

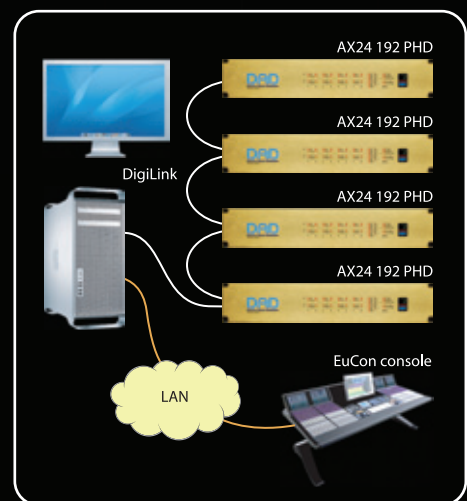
AX24 192 PHD is remote controlled via a RS-422/USB connection from a Windows or MAC OSX PC running the DADman control software. DADman can be automated by other applications via MIDI control or the Euphonix EuCon protocol on Ethernet. Using MIDI AX24 192 PHD can emulate a Pro Tools PRE, and via EuCon the AX24 can be controlled by the Euphonix 5MC, and MC Pro fader controllers. The sample rate of the AX24 192 PHD can be controlled directly by the Pro Tools project sample rate.



PHD I/O card



AX24 192 PHD configuration



Specifications

- | | | | |
|--------------------------|----------|-------------------------------|---------------|
| • Dynamic range, ADC (A) | > 121 dB | • Cross talk (A) | < 120 dB |
| • THD+N ADC (A) | < 115 dB | • Mic Equivalent noise (150R) | < 130 dB |
| • Dynamic range, DAC (A) | > 117 dB | • Mic gain range | -18 to +70 dB |
| • THD+N DAC (A) | < 105 dB | • Mic gain step accuracy | < 0,25 dB |

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