

DAC2X V2 STEREO D/A CONVERTER



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You know how it is. Digital audio data isn't the sole domain of digital transports any longer. Today it streams from sources as diverse as your PC, music server, satellite receiver, mixing board and portable player. Which is why EMM Labs has created one very simple, very convenient way to get state-of-the-art sound from all of them.

Re-introducing the multi-award winning DAC2X V2 – updated using technology in our reference DA2. The DAC2X V2 features the latest generation MDAT2™ up-converting DSP, MFAST™ jitter removal system, MCLK™ master clock and Ed Meitner's revised hand built DSD512/8xDSD proprietary discrete dual differential D-to-A converters.

The DAC2X V2 also features a multitude of inputs allowing a host of connectivity options and support for up to 192kHz and DSD on all inputs.

The DAC2X V2 also supports 2xDSD/DSD128 and DXD (352 and 384kHz) audio over USB Audio.

MFAST™ vs. conventional PLLs

MFAST™ has two distinct advantages, it's a high-speed asynchronous system that acquires any data stream almost instantaneously. Moreover, unlike PLLs, MFAST™ strips jitter out of the audio stream completely. Enabling you to enjoy pristine sonic clarity whether the incoming data stream is pure or anything but.

New Updated MDAT2™: DSD512/8xDSD Upsampling

The Updated Meitner Digital Audio Translator (MDAT2™) now upsamples digital audio to DSD512/8xDSD. Eight times that of standard SACD.

Proprietary Discrete Dual Differential D-to-A Converters

We were not willing to accept the inherent non-linearities of every mass-market chip created to date. Neither should you.

KEY FEATURES:

- Latest generation DSD512/8xDSD (MDAT2™) signal processing technology
- Latest generation DSD512/8xDSD proprietary discrete dual differential D-to-A converters
- Latest generation MFAST™ technology for instant signal acquisition, jitter-free performance
- Supports up to 192kHz and DSD support on all inputs
- Supports 2xDSD and DXD over USB Audio
- Galvanically isolated USB Audio interface
- Exclusive aerospace-grade composite laminate circuit boards
- EMM Optilink proprietary interface for connection to matching EMM Labs Transport
- Precision-machined aluminum chassis and IR remote
- Polarity inversion performed in the digital domain
- USB port for future software upgrades
- Serial port for wired remote control
- New optimized reference power system
 - Power factor corrected
 - Factory set to 100V or 115V or 230V, 50/60Hz
 - Power consumption: max. 25 W

Digital inputs: EMM Optilink (CD/SACD), AES/EBU, USB Audio, 2xSPDIF Coax, 2xToslink 24/192kHz and DSD on all inputs 2xDSD and DXD using USB Audio

Stereo analog outputs: XLR and RCA

Output impedance:
300 ohms balanced (XLR)
150 ohms unbalanced (RCA)

Output levels:
XLR outputs: 4.6V (+15.45dBu)
RCA outputs: 2.3V (+9.45dBu)

Dimensions: W x D x H: 435 x 400 x 92mm
Weight: 12kg



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