meitner

INPUT SELECT

AES   COAX 1   COAX 2   TOS 1   TOS 2   USB AUDIO

44.1   88.2   176.4   48   96   192

LOCKED SAMPLE FREQUENCY in KHz

ma 1 dac
mdat technology

meitner

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MA-1 STEREO D/A CONVERTER

With the introduction of Meitner Audio's very first product—the Meitner MA-1 Stereo D/A Converter—cost-no-object performance has suddenly become a whole lot less costly.

How did we do it? By utilizing the award-winning technologies Ed Meitner developed for our EMM Labs line of products. The result is a converter that turns the "you-have-to-spend-a-lot-to-get-a-lot" paradigm on its proverbial ear.

It also happens to turn your computer or media server into a high-end, high-resolution music-making machine.

The Meitner MA-1:
- Supports sampling rates of 44.1, 48, 88.2, 96, 176.4 and 192kHz at word lengths up to 24 bits through all 6 digital inputs
- Complies with the USB Class 2 audio interface standard
- Is simple to use. There's nothing to configure. Just plug and play.

MFAST™ asynchronous technology
Feed the MA-1 through any of its six inputs and the Meitner Frequency Acquisition System (MFAST™) instantly acquires the signal, buffers it, then strips jitter out completely. A high-speed asynchronous system, it decouples input from output. MFAST™ ensures that you'll enjoy pristine sonic clarity whether the incoming data stream is pure or anything but.
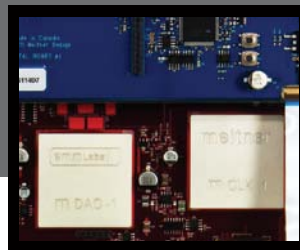
MDAT™: 2x DSD upsampling
From there, the signal goes straight into the Meitner Digital Audio Translator (MDAT™) which upsamples digital audio to 5.6 MHz, double the SACD standard sampling rate.

The world's best dac/clock combination
Our MA-1 features the standard-setting MDAC™ dual differential discrete D-to-A and MCLK™ high-purity master clock modules. Together, they're music to our ears. Yours too, as an audition will quickly prove.

The Meitner MA-1 Stereo D/A Converter. It may be the first audio product that's equally appealing to those on a budget, and those with no budget limitations at all.

Key Features:
- Supported sampling rates of 44.1, 48, 88.2, 96, 176.4 and 192kHz at word lengths up to 24 bits through all 6 digital inputs:
  - 1 x USB
  - 1 x AES/EBU
  - 2 x TOSLINK S/PDIF
  - 2 x COAX S/PDIF
- MFAST™ asynchronous technology for instant signal acquisition, jitter-free performance
- MDAT™ signal processing technology:
  - Provides 2x DSD upsampling for PCM playback
  - Preserves phase, frequency and dynamic integrity of waveform
- MDAC™ discrete dual differential D-to-A conversion circuit
- MCLK™ high-purity master clock that establishes new benchmarks in jitter performance
- Sleek credit-card style remote control included for input switching
- USB service port for future software upgrades
- Serial port for wired remote control
- Power supply:
  - Power factor corrected
  - Universal 90V-260V, 50/60Hz
  - Power consumption: max. 50W
  - CE Approved

Stereo analog outputs: Balanced (XLR) and Unbalanced (RCA)
Output voltage (with 0dBfs input):
- XLR outputs: 4.6Vrms (+15.4dBu)
- RCA outputs: 2.3Vrms (+9.4dBu)

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

Dimensions W x D x H: 435 x 400 x 92mm
Weight: 7.43 kg/16.39 lbs net with remote control

Designed and Manufactured in Canada