

DiAn

Hybrid digital-to-analogue converter

Texas Instruments PCM5102A · 2 × ECC82 · Up to 32-bit / 384 kHz



GALLERY



DiAn Digital-to-analogue converter



Digital conversion

- USB digital-to-analogue converter (DAC), v1.1
- 16, 24 and 32-bit PCM formats
- Sampling rates from 44.1 to 384 kHz
- Amanero Combo384 board (internal 5 V supply)
- Texas Instruments PCM5102A DAC
- 8x filter, normal or low latency (selectable)



Analogue stage

- 2 × ECC82 tubes (dual triode)
- Wide-bandwidth hybrid output stage
- Multiple filtering and regulation stages
- Separate digital and analogue grounds



Construction

- Cast aluminium chassis
- EMI/RFI shielding
- Audio-grade toroidal transformer with very low induced noise
- Schurter IEC inlet and fuse



Connectivity

- 1 USB-B input (S/PDIF on request)
- 1 stereo RCA output



Dimensions & finishes

- 19 × 19 × 12 cm (excluding connectors)
- Aluminium
- Options: black, matte pearl white (other finishes on request)



Measurements & formats

72 Ω

Output impedance

1.8 VOutput level
RMS**384 kHz**Max. sampling rate
from 44.1 kHz**32-bit**Max. resolution
16 / 24 / 32-bit PCM

Rear panel



Entirely manufactured in France

Machining, soldering of discrete components and internal wiring.

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