

PRODUCT INFORMATION

DAC-7

Digital-To-Analog Converter

Vincent developed a new digital-to-analogue converter suitable to our tubeLine series. We have invested greatly into the technology to process your digital signals in the best possible way.

Two optical and two coaxial connectors, as well as a USB and an AES input are available for connecting digital sources. The signals are decoded by an AKM AK4490 module. The USB port therefore supports DSD256 (32bit/384kHz), the other ports DSD64/PCM (24bit/192kHz).

The CPU outputs the signal fully symmetrically, which is also processed in this way in the analog section. An independent filter and buffer circuit is used in each signal path. Ensuring the best possible sound, only components from selected manufacturers are used (e.g. WIMA and Nichicon).



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In the power supply we use a toroidal transformer with double winding. One winding supplies the analog section and another the digital section. This ensures a clean supply of both areas, eliminates any interference and improves dynamics. For the voltage stabilization a 6Z4 rectifier tube is used.

The converter is also equipped with a tube output stage in the analog section. Two 12AU7 tubes work directly in the signal path, which make the sound more natural and thus noticeably improve it. Optionally, the tube output stage can be switched to a FET output stage by pressing a button on the front panel.

A high-quality aluminum remote control completes the package and offers you the greatest possible comfort.



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Connections

SPECIFICATIONS

Sampling Rate Coax, Optical, AES:	24 bit / 192 kHz (DSD:64)
Sampling Rate USB:	32 bit / 384 kHz (DSD:256)
Frequency Response:	20 Hz – 20 kHz (+/-0,5 dB), 20 Hz – 50 kHz (+/-2 dB)
Total Harmonic Distortion:	<0.0004 %
Signal-To-Noise Ratio:	>95 dB
Dynamic Range:	>100 dB
Audio Output Voltage:	2.5 V
Channel Separation:	>90 dB
Max. Power Consumption:	35 W
Inputs:	2 x Coax, 2 x Optical, 1 x USB, 1 x AES
Outputs:	2 x Stereo XLR, 2 x Stereo RCA
Tubes:	1 x 6Z4, 2 x 12AU7
Playable Formats:	MP3, WMA, AAC, AAC+, ALAC, FLAC, APE, WAC, DSD, MQA
Colour:	Black / Silver
Dimensions:	430 x 95 x 360 mm
Weight:	6.5 kg

Vincent
German Brand since 1995

tubeLine

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