



Acuhorn LUSO

1 Bit Discrete DAC & The Grand Plate Tube Stage

The dsd differential discrete DAC

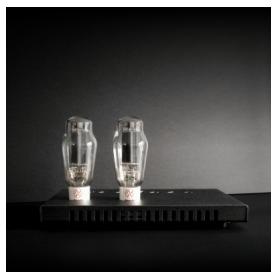
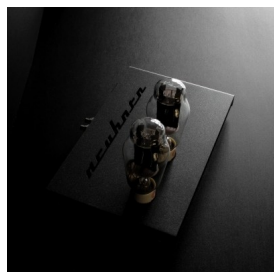
Nichrome chip resistors in high quality analog filter

Lundahl differential to single-ended signal conversion

AK4137 asahi kasei premium 32 bit digital sample rate converter

Power supply Vicorpower

The acuhorn lusso the pleasure touch the music. A easy to set up use like a gramophone turn on and the needle put on the vinyl. Works with great dht power tubes that you can plug into the socket. Each audio file format converts to a 1 bit stream to get an analog path. Deliver high-resolution music with hq players software or devices with music streaming services. supports inputs usb audio or spdif coax.



features

The DSD differential discrete DAC. The analog filter with high quality precision 0.1% thin film Nichrome chip resistors. Differential to single-ended signal conversion by Lundahl line input transformer. AK4137 Asahi Kasei premium 32 bit digital sample rate converter SRC. THD+N: Up to -150dB. Dynamic Range: 186dB.

Two ways of use PCM to DSD conversion. All digital file format audio are conversion by computer software or hardware processor on board. HQPlayer, Foobar2000 or similar high resolution audio player for DSD. Compatible with all formats music WAV, FLAC, ALAC, DSF and lossless audio streaming platforms Apple, Qobuz, Spotify, TIDAL e.t.c.

Manual control select between the USB audio device and SPDIF inputs. Digital input USB Type B audio adapter Amanero combo384 compatible with Android, Mac, Linux and Windows. Digital input SPDIF coax by WM8804 receiver. Supports output format 32bit: PCM up to 384Khz (USB) and 192Khz (SPDIF). SRC bypass mode for the DSD format: DSD64, DSD128, DSD256.

Pure class-A single ended tube stage. Type 300B, PX25, PX4, 45, 2A3 DHT direct heat power triode. New old stock NOS tubes for UX4 (U4A) socket are matched. European tubes with 4-pin base available with B4 (A4A) adapter. Based on Caddock High Performance Film Resistors. One analog outputs RCA single ended tube output: 2.8V RMS Zout 600 ohm.

Power supply is the best high speed Vicorpower modules. DC-DC converters provide high power density and low noise. Advanced power processing in a small size, up to 90% efficiency. Full range 120-240 Vac network voltage, for worldwide use.

technical specifications

input voltage mains full range 120-240Vac

maximum input power 40W

Discrete 1 bit DAC type

4 pin base tube socket U4A

directly heated triode type 5 Volt, 4 Volt or 2.5Volt

2 signal input: USB type B and S/PDIF coax

1 audio output RCA

internal cable OCC copper

terminal rhodium

weight 1,6kg

dimensions W 320 x D 200 x H 28mm