

# BEST300B DAC

by  
LAMPIZATOR



The Best300B DAC is a highest performance converter, forming a bridge between data sources like computers, streamers, music servers or CD transports and an amplifier. The DAC is the place where the “magic” of conversion from digits to music happens and it is therefore the most important component of any serious stereo system. Why BEST300B DAC? Because unlike other tube DACs it uses directly heated 300B triodes, and unlike other DACs, it uses chipless conversion R2R.

## TECHNICAL HIGHLIGHTS

- Using DHT - Directly Heated Triode tubes - fabulously musical and easily available
- Running in Single Ended Triode (SET) mode - very puristic and elegant schematics
- Conversion by means of Discrete Resistor Ladder DAC (R2R) without any silicon in the path
- DSD seamlessly playing from mixed PCM playlists (up to 256xDSD) via USB
- Our best True Copper metalfoil output capacitors
- Zero global feedback, zero local feedback, no opamps and no transistors
- Best type of rectifier - Tube Dual Diode 5U4G

 BEST300B.com

best300b@gmail.com

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The BEST300B is the top performance and specification DAC customdesigned as 300B tube output by LampizatOr. It comes as Single Ended Triode, with DSD built in, premium rectifier and lots of premium parts inside, with a stunning sound to match, As it is sold without the tubes - it is up to you to choose the best 300B pair and a rectifier diode.



## SPECIFICATION

BEST300B DAC	SPECIFICATION
PCM Conversion	R2R discrete resistor ladder , up to 192 kHz via S/PDIF, 384 kHz via USB
DSD Conversion	FPGA process with analog filters and digital filters, 64x/128x/256x self selecting
Output Voltage Signal	3V pp
Frequency Response	Digital section 20 Hz - 20 kHz. Analog section 1 Hz - 200 kHz
Inputs	S/PDIF coaxial RCA, BNC S/PDIF, USB
Outputs	Stereo pair of RCA analog outputs
Mains	User-selectable 115-230-240 V AC 50/60 Hz
Power consumption	30 Watts
Color:	Black anodized aluminum
Tube compliment	One pair of 300B one piece of 5U4G or 274B or 5C3S or GZ34 or 5Y3
Footers	Hi-Ten steel footers by <b>Stacore</b>
Warranty	5 Years excluding tubes. 5 Years on KR-Audio tubes - <i>Riccardo Kron series</i> .
300B environment	5V DC heaters, up to 1,5 A, anode supply 220V DC, anode voltage 90VDC. Bias 15mA DC.
Weight (net / shipping)	10 kg without tubes / 16 kg shipping gross.
Dimensions [W x H x D]	43 cm x 13 cm x 35 cm , plus the height of tubes.

Specification subject to change

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