

LAMPIZATOR

The Golden Gate DAC



Lampizator The Golden Gate - our „flagship” model and the most successful DAC in our line-up

TECHNICAL HIGHLIGHTS

What sets the Golden Gate apart from its sibling Big 7 is the fact that we used unique parts for this version and namely:

- Pure copper chassis of stunning beauty
- Double size 2,2 uF silver/gold Mundorf output capacitors
- WBT gold plated output and input RCA for analog signals
- WBT 75Ohm digital S/PDIF input sockets NEXTGEN
- „Ogonowski” choke in the PSU of tube supply
- Lampizator PCM Engine or R2R discrete resistor ladder PCM DAC with FPGA
- Gold-content WBT solder throughout (except the SMD part of course)
- Hyperfast Mundorf Audiophile or „Clarity CAP” Audiophile foil cap (200 uF) in place of electrolytic in PSU
- Power reservoir section of PSU based on Mundorf M-Lytic HV caps
- Roller ball footers for the smoothest and clearest highs
- Flight case for shipping
- Premium DHT tubes - the best known to us (a mix of Psvane Western Electric Replica, KR-Audio and Emission Labs)
- tubes, selected, matched, measured, and finally picked per each DAC unit in extensive listening sessions
- Teflon premium CMC type tube sockets with gold plated pins
- Mundorf Supreme Silver/Oil caps in digital input signal path S/PDIF
- Gold plated quadruple copper traces and 3 mm thick laminate PCB

Our lifetime of work
your lifetime of play...

TECHNICAL INFORMATIONS

LampizatOr The Golden Gate - our „flagship” model.

The phenomenally musical result is a combination of eight factors that rarely meet in one product:

- DSD native filter technique
- Use of DHT tubes in one stage, zero feedback fashion
- MUNDORF silver/gold capacitors
- Hand made with silver wiring in teflon insulation
- Tube „diode and choke” power supply
- Use of metal foil power supply capacitors instead of cheap electrolytics
- Use of the best FPGA asynchronous and custom powered USB with two own clocks and customized firmware
- Use of resistor ladder discrete conversion

The tubes we use are 101D, 300B, 6A3, 245 or 45's, 242 and PX4 (interchangeable). Yes - you CAN roll them all in every DAC, which is an ultra rare solution. We are proud in being the pioneer of this technology. We also use DHD - directly heated diodes as rectifiers (274B is the standard), but one can roll 5c3s, 5U4, 5R4, GZ34, 5Y3.



SPECIFICATIONS

Output type	Single ended or true balanced plus SE
Frequency response	20 Hz - 20 kHz DIGITAL, 1 Hz-200 kHz ANALOG
DSD supported data	64x, 128x, 256x, 512 on WINDOWS ASIO (optional)
PCM supported via USB	384 kHz/32 Bit (optional R2R discrete 26 Bit)
PCM supported via S/PDIF	192 kHz/24 Bit (optional R2R discrete 26 Bit)
Analog loudness	Resistor ladder 64 steps with remote. Up to 6Vpp output
Analog output impedance	1600 Ohm
Number of analog outputs preamp	1 stereo pair RCA, (XLR and RCA for balanced)
Optional digital input types	Toslink, AES/EBU, BNC S/PDIF
Number of analog inputs	1 pair RCA (XLR or RCA for balanced)
Music tube type	45 or 245 or 242 or PX-4 or 101D or 300B for SE type only
Rectifier type	5U4G or 274B or GZ34 or 5R4WG
AC power consumption	40W
Dimensions (shelf footprint)	43 cm [W] x 52 cm [D] x 13 cm [H] plus tubes 13 cm
Net weight in kg (lb)	15 kg (35 lb), Shipping weight: 31 kg (70 lb)

Specifications subject to change without notice