

LAMPIZATOR

PACIFIC DAC



The Pacific DAC is our new creation, rising the bar in the area of digital to analog conversion.

It took over a year of intense research to push every technical aspect of our DAC technology to the new levels, we took everything that's great about Lampizator DACs and created the state of the art reference product. We have a very clear idea what the reproduced music should sound like - like real live music. Our flagship products always had this sound in their design, that's why they inspire some of the world's most demanding listeners, reviewers and musicians. The Pacific DAC has been designed from the ground up with one goal in mind - to create a DAC that supersedes everything we have heard before and done in "the Lampizator way".

Every part of The Pacific DAC is completely new, even if rooted deeply in previous designs. The four main pillars of the construction are: the digital conversion section, the power supply section, the tube output section and control / management / volume section.

And all this is housed in a unique chassis of pure polished brass.

TECHNICAL HIGHLIGHTS

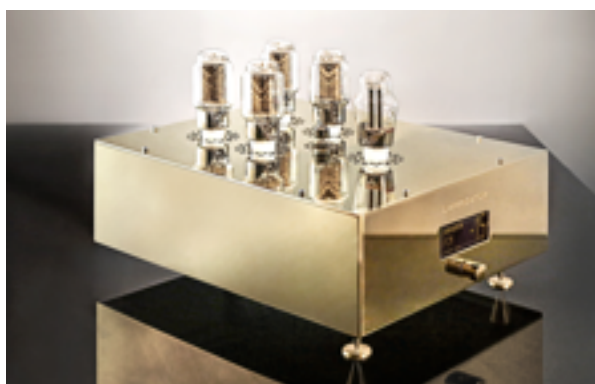
- Unique tube conversion output with Single Ended Triode, Directly Heated Triode, Active Dynamic Tube Anode Loading & Zero Feedback
- New digital "engine" board with a conversion process unique to Lampizator with DSD512 auto-sensing
- New USB & LAN computer interface that is with preinstalled ROON bridge
- New transformers, power supplies, new heater power circuits and new chassis
- New Taras 2017 VC-04 Volume Management System

LAMPIZATOR

LampizatOr The Pacific - our new reference „flagship” model.

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

- DSD native filter technique, most advanced PCM processing known
- Use of DHT tubes in one stage, zero feedback fashion, in purest Active Anode Load SET mode
- MUNDORF silver/gold capacitors selected after testing all the world leading caps
- Hand made with silver wiring in teflon insulation, gold plated PCB traces
- Tube „diode and chokes” power supply with grossly oversized parameters
- 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 volume control
- 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 used DHD - directly heated diodes as rectifiers (5U4G is the standard), but one can roll 274B, 5c3s, 5U4, 5R4, GZ34, 5Y3.



SPECIFICATIONS

Size: [W x H x D] cm	43 x 19 (plus tubes 15 cm) x 52 (plus 10 cm for cables at the back) (17" x 7 ^{1/2} " x 20)
Weight	20 kg net, (50 lb) 30 kg (70 lb) shipping gross (ships in the flight case)
PCM conversion	New fully balanced 2017 engine code "57" - up to 24 bit, up to 192 kHz via SPDIF, up to 705 kHz DxD via USB up to 32 bit/356 kHz via LAN
DSD conversion	via LAN or USB only, auto-sensing, auto switching, 64x, 128x, 256x, 512x
Output voltage signal	3 V pp, adjustable by request. In Volume control models - 6 V pp adjustable in 64 one dB steps
Optional inputs	BNC, second SPDIF-RCA, AES/EBU, Toslink
Mains Voltage:	110-240 V AC, with built in RFI filter
AC power consumption	70 W (SE) and 90 W (Bal)
Tube compliment	one 5U4G rectifier, two 6H6P dual triodes, two SET DHT triodes (four for balanced) with a switch allowing for the use of: 300B, PX-4, 101D, 45, 245, 345, 242, PX25
Output capacitors	Mundorf Supreme Silver/Gold or equivalent
Rectifier tube	5U4G or 274B - Octal base - or any 5V equivalent like 5AR4WGB, 5Y3, GZ34
Footers	High end STACORE footers
Chassis	Pure solid brass, clear coated.
Sockets	WBT inputs and outputs
Warranty	5 years excluding tubes

Specifications subject to change without notice