

# Lampizator DAC

DAC LEVEL	Level One	Level Two	Level Three	Level Four <sup>1</sup>
Price net in Euro (excl. 23% VAT)	890	1500	2600	4000 up
Chassis	One box, 3 mm front aluminum	Die cast alu, 7 mm front, one box	Two box, cast alu body, 7 mm front	Two box
DAC chip	24bit/192	32bit/192	32bit/192	32 bit/192
DAC PCB	Single raw supply, 5 regulators	Single raw supply, 5 regulators	Two separate raw supplies for digital and analog section. 7 regulators	Fully dual mono.
Power supply arrangement	20 VA transformer, one choke, total of 600 uF minimum	100 VA transformer, one choke per channel, total of 1000 uF minimum	Two 100 VA transformers, full dual mono supply, one choke per channel, total of 1000 uF per channel	Two 100 VA transformers, full dual mono supply, two chokes per channel, Electrolyte-less design with 300 uF MKP per channel
Rectification of anode supply	SILICON BRIDGE 4 A	Directly heated vacuum tube dual diode for 70 mA	Directly heated vacuum tube dual diode per channel for 120 mA	Directly heated vacuum tube dual diode per channel for 200 mA
Tube circuit	SRPP, single ended	SRPP, differential summator	SRPP, differential summator	SRPP, differential summator on e182CC or Directly Heated Triode 45 or triode-pentode

<sup>1</sup> Lampizator DAC internal document, released October 10 . 2010

				e80F
Tubes	PCC88 or 6H1P	6H6P	Valvo E182CC, GEC ecc81 (2900) or Siemens E801cc	Philips E182cc raytheon 45 or Valvo e80F
Output caps	Soviet Military Paper in oil (Alu)	Soviet space K75 – teflon in glass	Teflon in glass silver mica	Teflon in glass bypassed with silver mica
Digital inputs	RCA or BNC type S/pdif	RCA or BNC type S/pdif, AES/EBU, toslink per request	S/PDIF, AES/EBU, manual selection	S/PDIF, AES/EBU, manual selection
Wires	Mix of copper and Silver in Teflon	Silver in Teflon	Silver in Teflon	A strand of Silver in Teflon
Paid options	Fully balanced output (200 Eu)	Fully balanced output (200 Eu) Signal lock/error indicator LED (two colour) (50 Eu) Separate power switch for Anode (50 Eu) Separate Power switch for digital board(50 Eu) LED indicating that the tube is heated (50 Eu) LED indicating that High Voltage is present on anode (50 Eu)	Fully balanced output – 6H6P version only (400 Eu) Signal lock/error indicator LED (two colour) (50 Eu) Separate power switch for Anode (50 Eu) Separate Power switch for digital board (50 Eu) LED indicating that the tubes are heated (50 Eu) LED indicating that High Voltage is present on anodes (50 Eu)	Ask