

DEMOGRAF AUDIO · COLLECTION

Dynasty

Father and son: two tantalum-anode amplifiers.

Made by Dmitriy Gubchenko. Every unit ships with a Manufacturing Record stating its country of origin and a bill of materials.

About the collection

Two amplifiers on tubes with tantalum anodes, a senior and a junior model, built to order.

Dynasty is two models related as father and son: Tantal Senior, the father, and Tantal, or Tantal Junior as we call it, the son. Hence the name.

Both amplifiers are built on tubes with tantalum anodes and made to order.

Their tubes differ: Tantal Senior runs vintage 4E27 pentodes, Tantal 3C24 triodes, both with tantalum anodes. Yet their kinship is heard in a similar way of presenting music.



Models



TUBE AMPLIFIER

Tantal Senior

Class A single-ended amplifier on tantalum 4E27 tubes, 30 W

Output tubes	2 × vintage tantalum 4E27 pentodes
Power per channel	30 W
Circuit	Class A

demografaudio.com/amplifiers/tantal-senior/



TUBE AMPLIFIER

Tantal

Class A amplifier on 3C24 tantalum-anode triodes, 3 W, with an electrostatic headphone output

Output tubes	2 × 3C24
Power per channel	3 W
Circuit	Class A

demografaudio.com/amplifiers/tantal/

The models compared

	Tantal Senior	Tantal
Type	Tube amplifier	Tube amplifier
Amplifier class	Pure Class A	Pure Class A
Output tubes	2 × vintage tantalum 4E27 pentodes (1930s–1940s production, individually selected)	2 × 3C24 (tantalum anode)
Output power	30 W per channel at 8 Ω (4 Ω / 16 Ω winding available on request)	3 W per channel at 8 Ω (Push-Pull version with double power available on request)
Load impedance	8 Ω (Customisable to 4 Ω or 16 Ω via options)	8 Ω (Optional: 4 Ω / 16 Ω customisation)
Weight	From 75 kg / 165 lb	From 45 kg / 99 lb

Key parameters; the full table of every model is on demografaudio.com/amplifiers/.

Materials & build

Tantal Senior

An external power supply with four 6D22S kenotrons, galvanic isolation, power transformers and chokes feeds the amplifier. Custom-wound M034 interstage and M062 output transformers set the character of the circuit.

Tantal

The signal path uses Duelund capacitors in the input stage, AMRG resistors, Cardas or WBT silver solder, Furutech FP-901(G) inputs and FT-808 Gold outputs. The external supply has kenotron rectification, galvanic isolation and bespoke chokes.

Build, warranty & delivery

- Built individually, to order. A 50% deposit places the unit in the build queue.
- Build time is six months or more, depending on the configuration and the queue.
- One-year warranty; after it, paid repair. Every unit ships with its own measurement report.
- Configuration, prices in your currency and the seller for your country: demografaudio.com

How is it delivered?

Shipping and insurance are paid by the buyer and shown as a separate line in your quotation. Every unit is packed for long-distance transport in heavy-duty flight cases and a wooden crate.

Mains voltage

Every piece of gear can be built for 100 V, 120 V or 230 V mains with the matching plug (NEMA, Schuko or BS 1363 / Type G). Voltage is fixed at order time.

The path of an order

01 **Write to us** Tell us which model you are considering and what system it will serve. We answer within two working days.

02 **Consultation** We discuss your room, your sources and your listening habits by email.

03 **Queue deposit** A 50% deposit reserves your place in the build queue. Once we confirm the configuration, we send you an invoice for the deposit. Made to order: no returns except a defect we confirm. A video call with Dmitriy is included when an order has two or more items, and with every repeat order from a returning customer.

04 **Assembly** When your slot in the queue comes up, the build begins. We tell you the date, the unit number and an estimated month of completion.

05 **Measurement & balance** After final measurement you receive the report; the balance is due before shipping.

ORDER & CONTACT

Write to us on **demografaudio.com/contact/**: we answer within two working days. E-mail: **shop@demografaudio.com**.

On the site: **demografaudio.com/amplifiers/collections/dynasty/**

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