

DEMOGRAF AUDIO

Zeus

Hand-built high-end subwoofer with a 15-inch field-coil driver, 10–300 Hz — passive or active

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

Sound

Pipe organ · symphonic · jazz and rock bass lines · film scores

The Zeus ‘thunder’ subwoofers

Every model in the Zeus series is what the atelier calls a thunder subwoofer: a compact, hand-built enclosure around a 15-inch woofer with a field-coil (electromagnet) motor wound by Demograf Audio. It adds body and weight to the lowest octaves without blurring the midrange your main loudspeakers already reproduce well.

What it brings to a system

Bass guitar, kick drum and pipe organ gain scale and physical presence; orchestral and film recordings recover the floor they were mixed with. Zeus is a natural partner for high-sensitivity full-range and single-driver loudspeakers driven by low-power tube amplifiers, which rarely reach below 40 Hz on their own.

Passive or active

Each Zeus is built either passive — driven from your amplifier through the speaker terminals — or active, with a dedicated Class A or Class D amplifier fitted inside the cabinet, so the amplifier is matched to the woofer from the start.

Materials & build

Inside the cabinet

Each subwoofer is assembled by hand: a matched woofer, natural acoustic felt, terminals, internal wiring and cabinet bracing — plus the amplifier module in active versions. The standard driver is a Demograf Audio 15-inch woofer on a field-coil motor; other drivers can be fitted to tune the low end to your taste.

Enclosure options

- Acoustic resistance panel (aperiodic) as standard — makes placement in the room far less critical
- Open baffle, sealed box, transmission line (labyrinth) or bass reflex on request
- Compact 450 × 450 × 450 mm cabinet with extensive low-frequency adjustment

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN
Woofer 15″, field-coil (electromagnet) motor	Demograf Audio	Own manufacture
Active amplifier module Class A / Class D (option)	Demograf Audio	Own manufacture
Internal wiring: Proprietary “RareCoreFusion” Alloy	Demograf Audio	Own manufacture
Damping	Natural acoustic felt	—

Signal path

Input **RCA / terminals** → Amplifier **Passive / Class A / D** → Woofer **15″ field-coil** → Enclosure **Aperiodic panel**

Specifications

Type	Subwoofer, passive or active (Class A / Class D amplifier optional)
Frequency response	10 Hz – 300 Hz
Woofer	15″ (larger on request), field-coil (electromagnet) motor, Demograf Audio
Placement	Floor-standing
Acoustic design	Acoustic resistance panel (aperiodic) as standard; open baffle, sealed box, transmission line or bass reflex on request
Inputs	RCA / speaker binding posts
Input impedance	10 kΩ
Internal wiring	Proprietary “RareCoreFusion” Alloy wire

Mains	100 / 120 / 230 V — set at order time, plug to match (NEMA, Schuko, BS 1363 / type G)
Weight	From 12 kg
Dimensions (W × H × D)	450 × 450 × 450 mm
Origin	Made in Kazakhstan by Dmitriy Gubchenko

Options

Components

- Passive subwoofer — 15″ Demograf Audio field-coil woofer
- Choice of woofer — alternative drivers to tune the bass to your taste
- Built-in Class A amplifier (active version)
- Built-in Class D amplifier (active version)

Finish

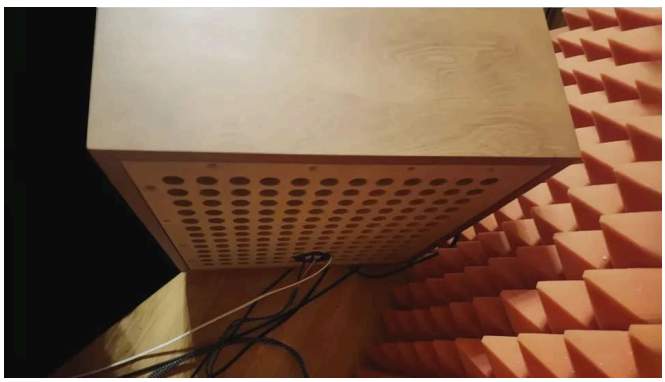
- Standard cabinet
- Precious hardwoods and veneers
- Remote control with functions to your specification

Regional version

- 230 V — Schuko plug (Europe)
- 120 V — NEMA plug (North America)
- 100 V — NEMA plug (Japan)
- 230 V — BS 1363 / type G plug (UK · Middle East)

Photographs










Questions & answers

Does the Zeus use tubes?

Zeus has no tubes. The passive version is driven by any amplifier through its speaker terminals, and its field-coil magnets are energised from the mains; the active version carries its own Class A or Class D amplifier and connects via RCA or speaker-level inputs (10 kΩ).

How is the Zeus serviced?

Loudspeakers need no routine service. Drivers, crossovers and terminals are repaired by the atelier for as long as parts exist.

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.

Which mains voltage and plug?

Each piece of gear is built for 100 V, 120 V or 230 V mains with the matching plug (NEMA, Schuko or BS 1363 / type G). The voltage is fixed at order time, so tell us where the unit will be used.

How long does the Zeus take to build?

Build time is six months or more from the queue deposit, depending on the configuration and the queue; delivery takes from one month after completion. The atelier builds seven instruments a year. A priority build is available for an extra 50% of the price: your unit is moved ahead in the build queue.

Ordering

- 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
- E-mail: shop@demografaudio.com.