

DEMOGRAF AUDIO

Perseus MkII

Floor-standing loudspeaker with Supravox 215-EXC field-coil full-range drivers

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

Sound

All genres — from chamber music to rock

Perseus MkII uses Supravox field-coil full-range drivers, so the whole range comes from one diaphragm without a crossover. The treble is silky and detailed, the midrange carries voices and instruments with their real weight, and the stage has depth and air. For larger rooms the same cabinet is built as a three-way system with Fostex horn tweeters and a 10–18 inch woofer. Passive by default, it can also be built with active amplification inside.

Compared with: Perseus MkI

Materials & build

The standard cabinet is plywood, MDF or solid wood, painted and lacquered or veneered to order. Internal alloy wiring runs directly to the driver; damping is natural felt.

- Aperiodic enclosure (acoustic resistive matrix) as standard — easy to place in a room
- Open baffle, sealed box, transmission line or bass reflex on request
- Driver surrounds: paper, rubber, foam, Alcantara or cloth

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN
Field-coil full-range driver 215-EXC mk2	Supravox	France
Horn tweeter FT90H (3-way version)	Fostex	Japan
Internal wiring: Proprietary “RareCoreFusion” Alloy	Demograf Audio	Own manufacture
Binding posts	Demograf Audio	Own manufacture

Signal path

Input **Terminals** → Wiring **Proprietary “RareCoreFusion” Alloy** → Driver **Supravox 215-EXC** → Enclosure **Aperiodic**

Specifications

Power handling	70 W
Placement	Floor-standing
Impedance	6 Ω / 8 Ω
Sensitivity	93–102 dB (1 W / 1 m)
Drivers	Supravox 215-EXC mk2 field-coil full-range (other Supravox 2000 / EXC / Heritage series available; Optional Fostex FT90H for 3-way)
Driver surrounds	Choice of materials: Paper, Rubber, Foam, Alcantara, Cloth, etc.
Binding posts / connectors	Custom proprietary “Demograf Audio”
Internal wiring	Proprietary “RareCoreFusion” Alloy wire (other options available)
Internal damping	Natural acoustic felt (custom alternatives available)
Acoustic design	Aperiodic Enclosure (Acoustic Resistive Matrix) / Open Baffle / Sealed Box / Transmission Line / Bass Reflex
Cabinet colour & finish	Fully customisable upon request (Premium veneers, solid wood, custom lacquer)
Standard configuration (1-Way)	Plywood / MDF / Solid Wood / Veneer cabinet (painted & lacquered), full-range Supravox driver, binding posts, internal alloy wiring directly to the driver, natural felt damping.
Top configuration (Multi-Way)	Woofer with iron-core inductor filter; Midrange with premium large capacitor; Tweeter with high-grade compact capacitor.
Weight	From 50 kg per speaker
Dimensions (W × D × H)	500 × 400 × 1300 mm
Origin	Made in Kazakhstan by Dmitriy Gubchenko

Options

Number of ways

- Single-Way Loudspeaker with Full-Range Drivers
- 2-Way Loudspeaker with Full-Range / Mid-Woofer & HF Supertweeter

- 3-Way Loudspeaker (Dedicated Low, Mid, High)
- Multi-Way Loudspeaker (4-Way and beyond)

Amplifier type

- Passive Loudspeaker System
- Active Loudspeaker System with Class-A Amplification
- Active Loudspeaker System with Class-AB Amplification
- Active Loudspeaker System with Class-D Amplification

Bi-wiring / Bi-amping

- Bi-wiring
- Tri-wiring
- Bi-amped Active System: Class-D for Mid-High and Low
- Tri-amped Active System: Class-D discrete for HF, MF, LF
- Multi-amped Active System: Class-D for 4+ discrete bands

Component upgrades

- AMT (Air Motion Transformer) Supertweeters “Cassiopeia” type
- Fostex Supertweeters T90A
- Fostex Supertweeters T500A Mk III
- Horn-Loaded Drivers
- Pure Silver Internal Wiring
- Custom Speaker Grilles
- Custom Speaker Podiums / Stands
- AMRG Resistors & Cardas Solder / Wiring Kit
- Premium Capacitors
- Solid-core Copper Speaker Terminals
- Analogue Filter with Precision HF / MF / LF Tuning (if applicable)

Finish & chassis

- Individual Custom Design
- Walnut Veneer with Maple Inlays
- Custom Exotic Solid Wood Cabinet
- Priority build (+50% of the price)

Photographs













Questions & answers

Does the Perseus MkII use tubes?

Perseus has no tubes. Its 93–102 dB sensitivity suits single-ended tube amplifiers as well as solid-state ones.

How is the Perseus MkII 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?

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

Which mains voltage and plug?

The Perseus MkII is driven by your amplifier, but its field-coil drivers need mains power: the electromagnets are energised through a separate supply, built for 100 V, 120 V or 230 V at order time.

How long does the Perseus MkII 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.