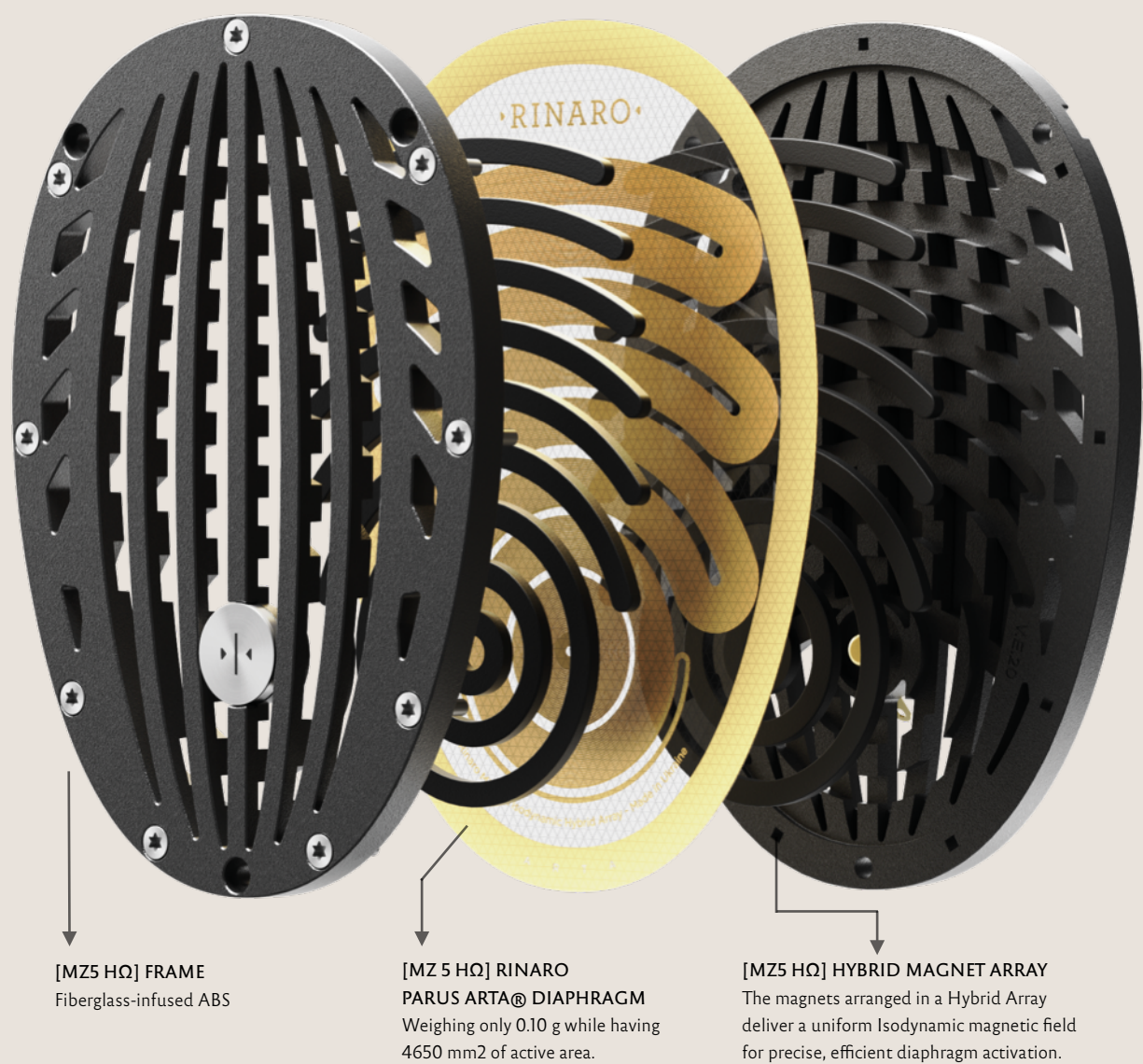


TECHNICAL SPECIFICATIONS



Driver Type	Rinaro High Impedance Isodynamic® Hybrid Array MZ5 HΩ	Sensitivity	98 dB SPL/mW at 1 kHz
Operating Principle	Open-back	Maximum SPL	>130 dB SPL
Ear Coupling	Circumaural	Total Harmonic Distortion (THD)	<0.05%
Frequency Range	3 Hz - 115 kHz	Headphone Weight	495 g
Impedance	225 Ω	Input Connector	Dual 4-pin mini-XLR

MZ5 HΩ DRIVER



Geometrical Shape	Ovoid	Active Area	4,650 mm ²
Size	102 mm x 73 mm	Diaphragm Weight	0.10 g
Driver Weight	84 g	Acoustic Mass	4.7 kg/m ⁴
Casing	Fiberglass reinforced polymer	Lower Frequency Limit	3 Hz
Diaphragm Type	Rinaro Parus ARTA® [MZ5 HΩ]	Upper Frequency Limit	115,000 Hz

Designed for desktop amplification, the ARTA headphones are optimized for high-voltage sources and perform best with capable desktop DAC/amp setups.

Parameter	Minimum	Recommended
Output power (225Ω)	200 mW	500 mW+
Voltage swing	±12V peak	±15–18V peak
Output impedance	<22Ω	<5Ω
Current output	>75 mA	>150 mA

COMPARISON



Feature	EMPYREAN II	ELITE	ARTA
MSRP	€/\$2.999	€/\$4.000	€/\$6.000
Sound Profile	Neutral sound signature, lively	Warm-neutral, organic, natural	Warm-neutral, smooth, rich
Build	Carbon fiber headband, leather headrest CNC Milled Aluminum frame	Lightweight carbon fiber, premium leather headband, one-piece CNC-machined aluminum frame	Precision metals, carbon fiber and premium leather, futuristic design, bionic fluidity with Art Nouveau elegance
Comfort	Excellent	Excellent	Excellent, optimised weight distribution with enhanced padded leather headband
Soundstage	Spacious and immersive	Slightly larger and more precise	Expanded soundstage, spaciousness of an acoustically treated room, three-dimensional stage
Genre Fit	All, but especially jazz and classical, rock, electronic and pop	Acoustic music, jazz, classical and vocal performances	All, but especially classical, acoustic, jazz, live recordings, vocal, progressive rock and metal, electronic atmospheric
Made In Romania			