

EMPTYREAN

ISODYNAMIC HYBRID ARRAY HEADPHONE

GATEWAY TO SONIC PARADISE

Building upon the legacy of its predecessor,
Empyrean II represents our leap forward in sound.



II



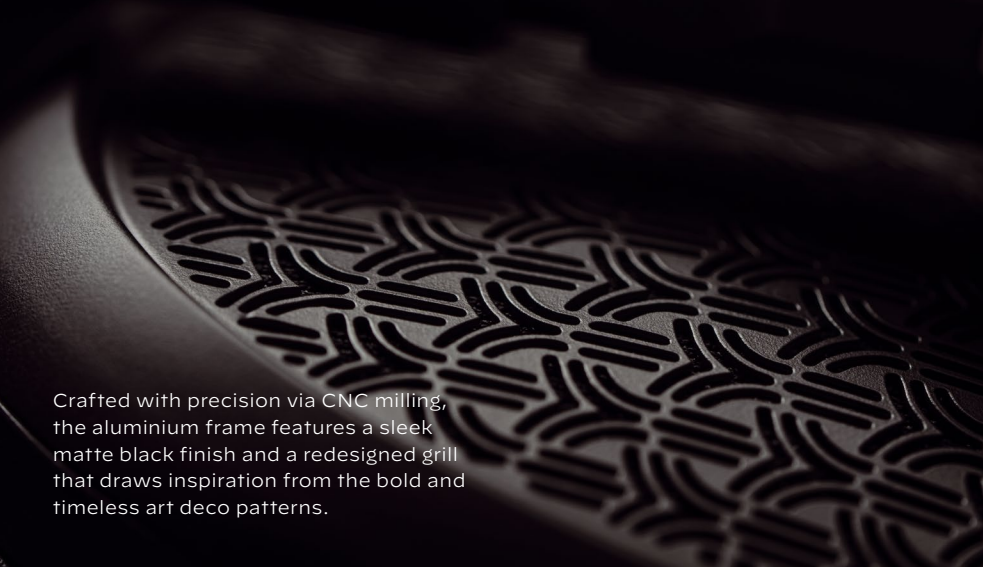
“When we first talked about creating the second generation of Empyrean, I knew it would be far from easy. With many ideas in mind, I reached out to our community, eager to gather their feedback in any way I could, trying to understand their expectations. We went through many changes and even faced some frustration when things didn’t go as planned, but in the end, we stuck with it and now I’m very proud of what we’ve achieved.”

— Alex Grigoraș, Acoustic Engineer



ARTISTRY & CRAFTSMANSHIP

A symphony of form and texture, Empyrean II
is an experience for the senses.



Crafted with precision via CNC milling, the aluminium frame features a sleek matte black finish and a redesigned grill that draws inspiration from the bold and timeless art deco patterns.



In the center of the all-black frame, a silver accent casts a radiant glow.

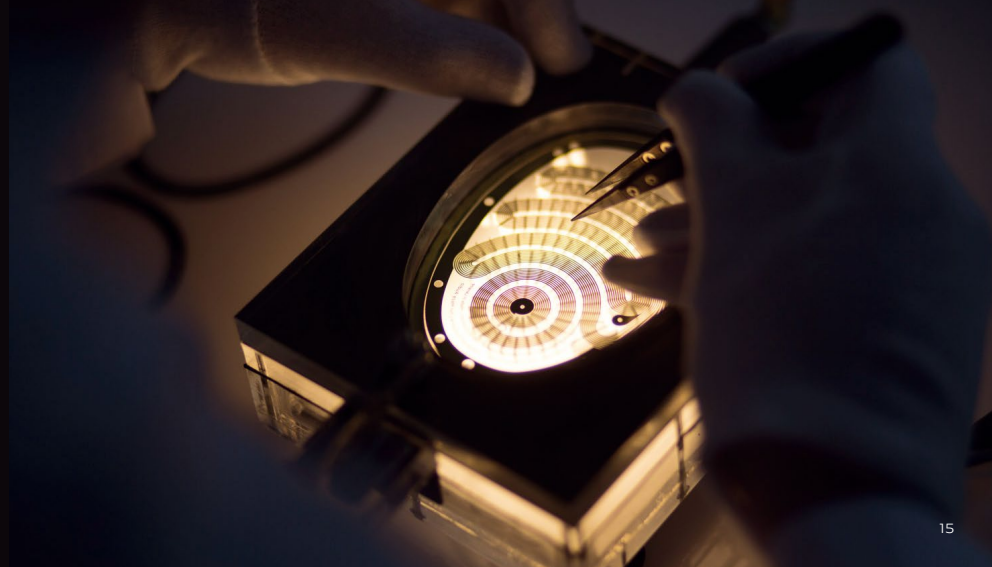
MORE OF WHAT YOU LOVE:

MORE CLARITY
MORE DEPTH
MORE FUN



MEZE X RINARO

Empyrean II emerges as the fruitful collaboration of two passionate companies that set out to explore uncharted territories. Together we have masterfully harnessed the power of Rinaro's Isodynamic Hybrid Array Driver to reach a new world of sound.





ARCHITECTURE OF THE ISODYNAMIC HYBRID ARRAY DRIVER[®]

The Isodynamic Hybrid Array Driver combines individual switchback and spiral shaped voice coils in one driver, allowing sound to be targeted with more accuracy around the natural form of the ear.

Patented in US, EU and China



ACCURATE REPRODUCTION

Total harmonic distortion (THD) measures under 0.1% in the whole frequency range

LIGHTWEIGHT

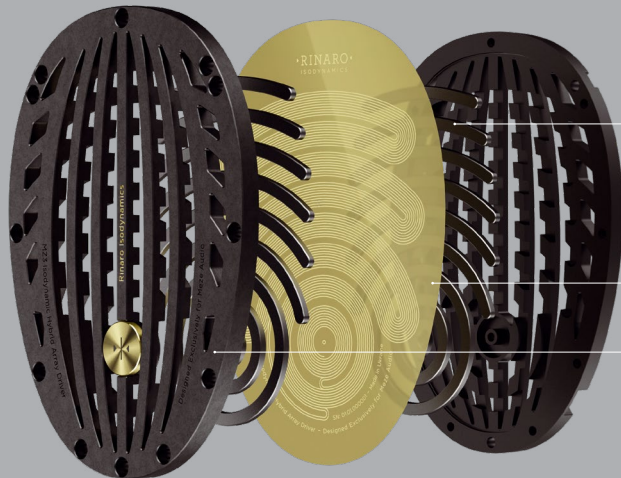
Reduced driver weight designed to create a headphone that offers prolonged listening sessions

ERGONOMIC SHAPE

Ergonomically shaped driver structure with an increased active area

ULTRA-HIGH-RESOLUTION AUDIO

Upper-frequency limit of audio reproduction is 110,000 Hz



[MZ3] HYBRID MAGNET ARRAY

Symmetrically placed on each side of the diaphragm, the neodymium magnets are specifically arranged into a Hybrid Array to create efficient Isodynamic magnetic field required for a uniform activation across the whole diaphragm surface.

RINARO ISOPLANAR® DIAPHRAGM

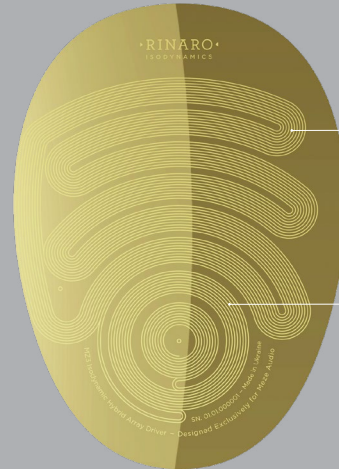
Weighing only 0.16 g while having 4650 mm² of active area.

[MZ3] FRAME

Fiberglass infused ABS.

ISOPLANAR® DIAPHRAGM MATERIAL

The diaphragm is manufactured from a thermally stabilized isotropic polymer with a conductive layer. Through unique processing methods, an ultralight yet rigid diaphragm has been achieved.



The **switchback coil** is more efficient at reproducing lower frequencies and is positioned in the upper part of the driver.

The **spiral coil** is more efficient at reproducing middle-high frequencies and is positioned directly over the ear canal enabling more direct sound waves to enter the ear without any time delays.



ISOMAGNETIC® EARCUP TO EARPAD COUPLING TECHNOLOGY

Rinaro's Isomagnetic® coupling technology makes switching earpads a breeze. It utilizes the demagnetizing field generated by the driver to secure the earcup in place, while simultaneously redirecting the magnetic field back into the driver, thereby enhancing efficiency.

SONIC MASTERY REIMAGINED

Our goal was to enhance the headphones' ability to reproduce fine details and achieve a more neutral sound signature, all the while preserving the original "easy to listen to" character. Using ingenious tuning methods, we revealed new possibilities in terms of resolution and detail retrieval, achieving a cleaner and more accurate representation of audio.





YOUR SOUND, YOUR CHOICE

Empyrean II comes with two sets of earpads included for the ultimate sound customization. Switch between our Duo and Angled earpads for an auditory journey that is entirely your own.

DUO EARPADS

Crafted from a precise blend of premium leather and Alcantara, the Duo Earpads introduce a contemporary dimension to the signature sound profile of Empyrean II. With leather forming the base half and Alcantara covering the rest, these earpads deliver a harmonious tonal balance that resonates across all music genres.





ANGLED ALCANTARA EARPADS

Made of soft foam coated with Alcantara, with a fine protective mesh on the grill, the Angled Earpads excel at rendering intricate details and nuances in your recordings. Paired with Emphyrean II, they create a detailed, airy and accurate listening experience, for the classic audiophile.

UNBOUNDED COMFORT

With Empyrean II, your music takes center stage. Following our highest standard for comfort, its purpose-built ovoid earcups softly adapt to the shape of your ears, giving you hours of listening with no discomfort.

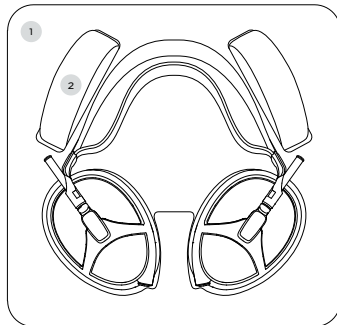




Our patent-pending suspension wings expand the contact area between your head and the leather headrest while minimizing weight and pressure, providing enhanced comfort even during extended periods of use.

PACKAGE CONTENTS

- 1 **Suitcase:** High-strength ABS plastic suitcase with foam inserts and leather handle
- 2 **Two sets of earpads included:**
 - one ANGLED ALCANTARA®,
 - one LEATHER + ALCANTARA® DUO
- 3 **Cable options:**
 - Mini XLR to 4 PIN XLR Balanced Copper PCUHD
 - Mini XLR to 2.5 mm Balanced Copper PCUHD
 - Mini XLR to 3.5 mm Copper PCUHD
 - Mini XLR to 4.4 mm Balanced Copper PCUHD
 - Mini XLR to 6.3 mm Copper PCUHD
 - Mini XLR to 4 PIN XLR Balanced Silver Plated PCUHD
 - Mini XLR to 2.5 mm Balanced Silver Plated PCUHD
 - Mini XLR to 3.5 mm Silver Plated PCUHD
 - Mini XLR to 4.4 mm Balanced Silver Plated PCUHD
 - Mini XLR to 6.3 mm Silver Plated PCUHD

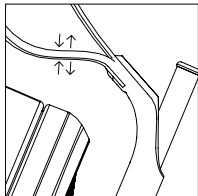


TECHNICAL SPECIFICATIONS

Driver Type	Rinaro Isodynamic Hybrid
Operating Principle	Open
Ear Coupling	Circumaural
Frequency Response	8 – 110,000 Hz
Impedance	32 Ω
Sensitivity	105 dB SPL at 1V, 1kHz
Maximum SPL	>130 dB
Total Harmonic Distortion (THD)	<0.05% (in the whole frequency range)
Frame Weight	385g

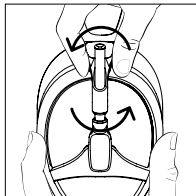
MZ3 DRIVER SPECIFICATIONS

PHYSICAL	
Geometrical Shape	Ovoid
Size	102 mm x 73 mm
Weight	82 g
Casing	Fiberglass infused ABS
DIAPHRAGM	
Type	Rinaro isoplanar® [MZ3]
Active Area	4650 mm ²
Weight	0.16 g
Acoustic Mass	10.7 kg / m ⁴
Lower Frequency Limit	8 Hz
Upper Frequency Limit	110,000 Hz
MAGNET	
Array Type	Isodynamic
Size	75 mm x 49 mm
Magnetic Flux	0.35 T



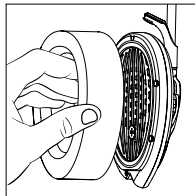
PRESSURE DISTRIBUTION WING

Patent-pending suspension wings increase the leather headrest's contact surface area with your head and relieve uncomfortable pressure points.



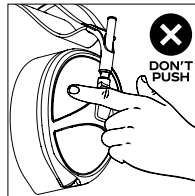
EASY EARCUP ADJUSTMENT

To easily adjust the earcups in the right position, you need to simply rotate the hinge while gently pulling down the ear cup.



ISOMAGNETIC EAR CUSHION COUPLING TECHNOLOGY

An innovative design feature is the Isomagnetic earcup attachment which utilizes the demagnetizing field generated by the driver to hold the earcup in place, whilst also redirecting the magnetic field back into the driver and improving driver efficiency.



ALUMINIUM GRILL

Do not attempt to push the grill, for it may result in permanent damage of your headphone.

FOR YOUR SAFETY: MAXIMUM RECOMMENDED SOUND LEVEL/DAY

LEVEL	EQUIVALENT TO	TIME
90 dB	Hair dryer	8 Hours
95 dB	Power mower	4 Hours
100 dB	Tractor	2 Hours
105 dB	Chainsaw	1 Hour
110 dB	Rock concert	30 Minutes
115 dB	Jackhammer	15 Minutes
120 dB	Ambulance	Dangerous



To prevent possible hearing damage, do not listen at high volume levels for long periods.

SAFETY INSTRUCTIONS

- Keep the product, accessories, and packaging out of reach of children and pets to prevent accidents.
- Do not use this device near water, submerge it in water or expose it to humidity.
- Do not expose this device to a heat source (e.g., open flame, hairdryer, heater, extended exposure to sunlight etc.).
- Do not use the product in situations that require special attention (e.g., in traffic or when performing skilled labor).
- When connecting to your music source, make sure that the volume is turned down before plugging in the headphones.
- Do not set the volume too high, as this can cause irreparable damage to your ears (hearing loss, tinnitus, hyperacusis, etc.), as well as your headphones.

WARRANTY

Meze Audio guarantees this product against defects in materials or workmanship for a period of two (2) years, applicable worldwide. During this period,

Meze Audio will repair or replace the product or parts at no charge. After the warranty period expires, you are responsible for the repair or replacement of the product. This warranty does not cover other related costs and is independent of the seller's warranty policy, depending on the country.

For the warranty to apply, presenting an original proof of purchase is required. The proof of purchase may be in the form of a receipt or bill of sale from an authorized dealer, and must include the model of the product and the date of purchase.

This warranty **DOES** cover products sold as-is, open box, second-hand, or display models, as long as original proof of purchase is provided.

This warranty **DOES NOT** cover cosmetic damage, acts of God, normal wear and tear, accidents, misuse, commercial use, any modifications to the product, improper use, or improper connection. Additionally, it doesn't cover purchases from an unauthorized dealer or attempted repair by anyone

other than Meze Audio or another authorized person or unit. This warranty is also void if the product was damaged by a product that it was used with, such as battery leaks or electrical fault of a connecting product.

The warranty is transferable, on the condition that the original proof of purchase is provided. Meze Audio is not responsible for the replacement or repair of products if in violation of this warranty. Some countries may have other restrictions on warranty policies.

If you need warranty service on your Meze Audio product, please get in touch with the authorized dealer you purchased from OR with Meze Audio, if you purchased directly from our website.



This product complies with the Electromagnetic Compatibility (2004/108/EC) directive when used and installed according to this instruction manual.



CORRECT DISPOSAL OF THIS PRODUCT (Waste Electrical & Electronic Equipment)

This product conforms with all applicable European regulations and directives. The following regulations are applicable throughout the European Union and other European countries with separate collection systems. This marking on the product, accessories, or literature indicates that the product and its electronic accessories should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of household waste and recycle them responsibly to promote the sustainable reuse of material resources.



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