

MEZE AUDIO

AUDIBLE EMOTION



A JOURNEY THROUGH INNER WORLDS

At its core, life is a journey of constant transformation. We navigate its peaks and valleys, either looking for purpose or being driven by it. Some events may seem perplexing, noisy. However, there are those that possess an unexplainable, ethereal quality that makes you feel complete.

Like a dream. Like poetry.

MUSIC SANCTUARY

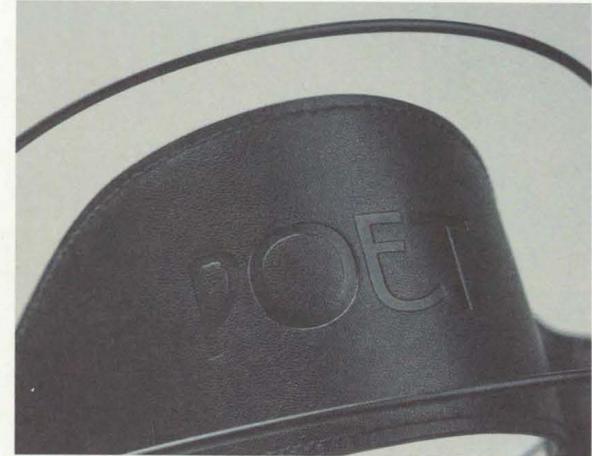
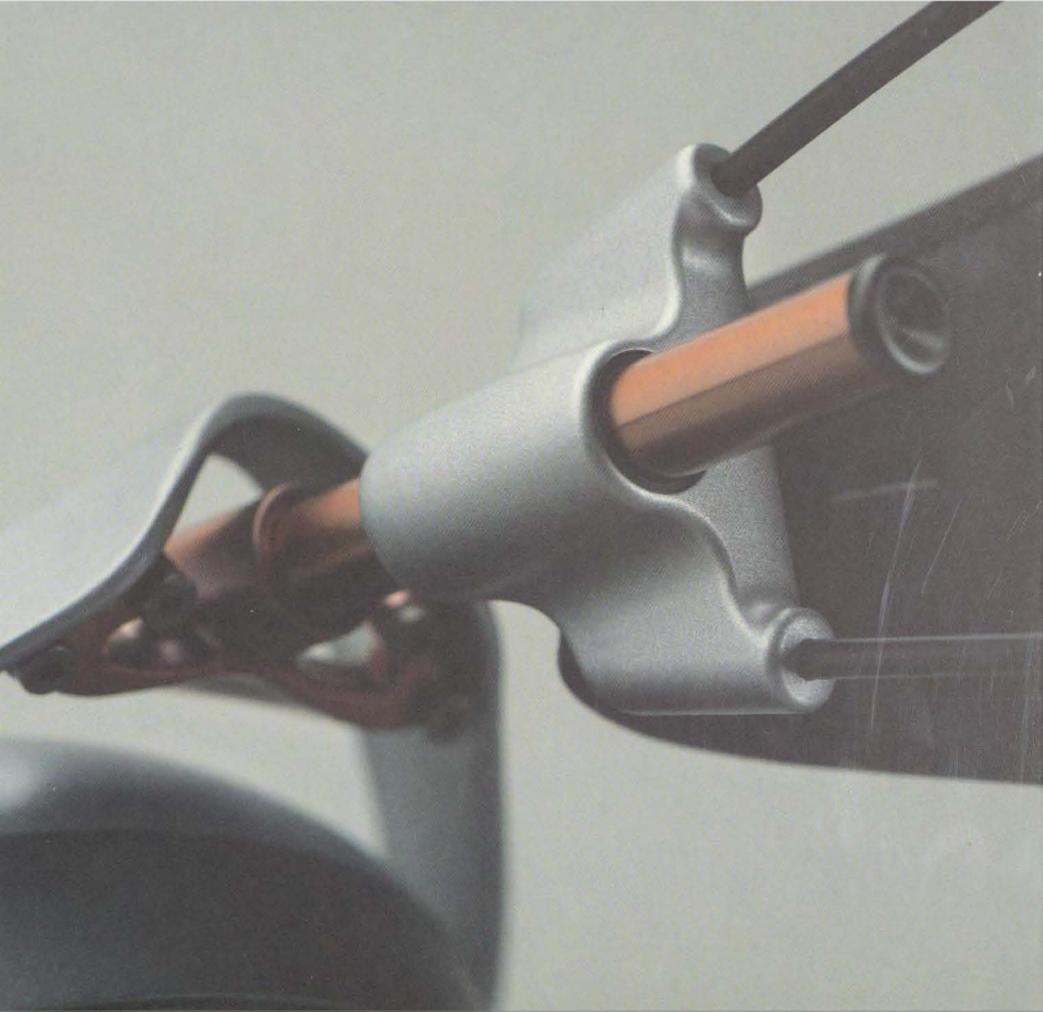
POET caresses your audio palate with lush, airy vocals and precise bass impact for a balanced low-end. Its natural tonality is delicately enhanced by subtle hints of sparkle, adding a lively character. Excellent detail retrieval and separation bring your music to life, making POET a harmonious blend of technical finesse and emotive expression.





STATE-OF-THE-ART DESIGN IN A COMPACT FRAME

A symbol of our dedication to crafting and refining headphones to perfection, POET features a blend of high-performance materials that synergize to elevate both form and function. A testament to this is the inclusion of top-of-the-line driver diaphragm technology featured in our ELITE model. The result: a compact planar-magnetic open-back headphone that excels on all fronts.



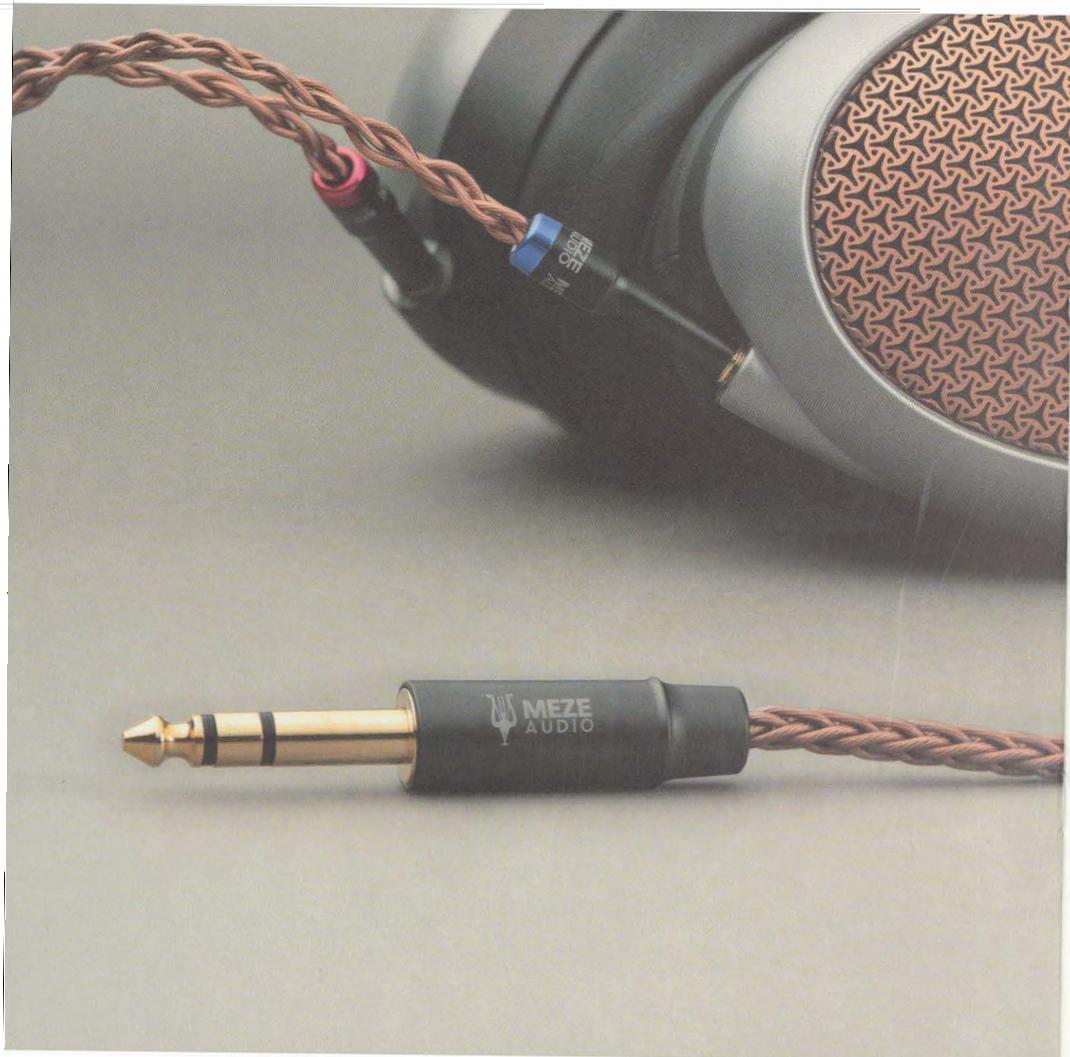
HIGH-QUALITY MATERIALS, ENVELOPING COMFORT

The intricate patterns featured in the steel grille were carefully selected to elevate the fine audio tuning that we were aiming for. Combined with the magnesium chassis, POET is visually striking and highly durable. The soft suede leather headrest and flexible titanium alloy headband promote exceptional ergonomics, distributing weight evenly for a snug fit that envelops you in comfort, making every listening session a delight.

MAGNETIC EAR PADS

To make your serviceability and pad-swapping experience as easy and accessible as it can be, we've integrated the magnetic ear pad system from our 2nd Generation LIRIC into POET as well.





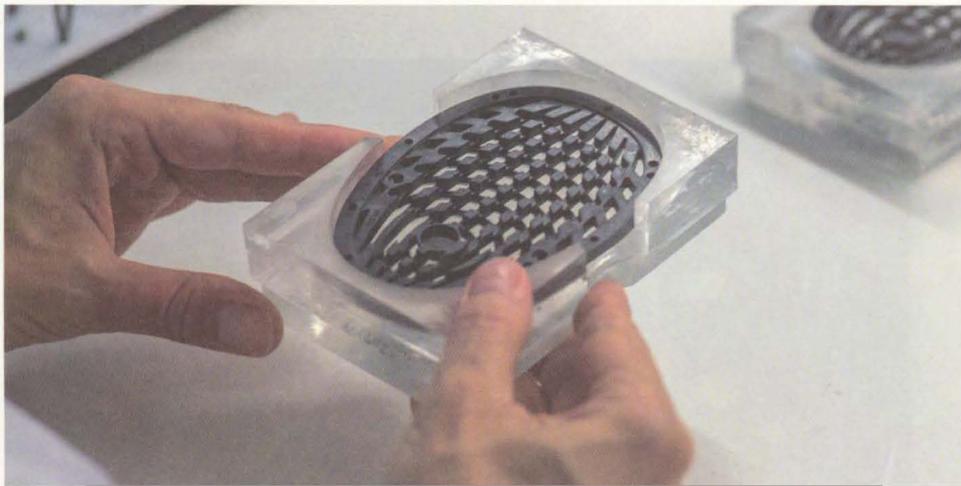
PREMIUM CABLE INCLUDED

A luxurious pair of high-end open-back headphones is never complete without the right cable. That's why our premium hand-braided copper cable is included with your POET headphones, featuring a 6.3 mm termination to ensure the widest compatibility with desktop setups.

OVER THIRTY YEARS OF AUDIO INNOVATION

RINARO ISODYNAMICS has been at the forefront of planar magnetic technology for over 30 years. With a state-of-the-art R&D and manufacturing facility in Ukraine, RINARO developed the Isodynamic Hybrid Array technology, featured in the EMPYREAN, ELITE, LIRIC, and POET headphones.





AWARD-WINNING TECHNOLOGY

POET features the RINARO MZ6 Isodynamic Hybrid Array driver—a synthesis of the MZ4 and the MZ3SE drivers featured in the award-winning LIRIC and ELITE headphones. This new design aims to deliver a compact yet high-performance experience akin to the ELITE series. Each MZ6 driver is meticulously hand-assembled and tested at RINARO's industrial facility in Ukraine, ensuring exceptional quality and precision.

ISODYNAMIC

ISODYNAMIC is a registered trademark of Rinaro Isodynamics Limited



[MZ6] CASING

Reinforced polymer housing designed to withstand the demanding 10,7N load generated by the Hybrid Magnet Array.

[MZ6] PARUS DIAPHRAGM

A biaxially oriented, semi-crystalline polymer film with a remarkably low weight of 0.06 g and an expansive active area of 3507 mm².

[MZ6] HYBRID MAGNET ARRAY

Symmetrically placed on either side of the diaphragm our neodymium magnets are arranged into a Hybrid Array to create a 0.3 Tesla Isodynamic magnetic field required for a uniform activation across the whole diaphragm surface.

• RINARO •



MZ6 ISODYNAMIC HYBRID ARRAY DRIVER

Created by RINARO exclusively for Meze Audio, the MZ6 driver is a celebration of more than 8 years of extensive R&D. It is one of the most advanced and lightweight full-size planar magnetic drivers available to date.

ULTRA LOW DISTORTION

Total harmonic distortion (THD) measures under 0.05% in the whole frequency range.

LIGHTWEIGHT

73 g (2.5 oz.) total driver weight designed to create a headphone that offers comfortable prolonged listening sessions in a compact form factor.

ULTRA HIGH RESOLUTION AUDIO

Upper frequency limit of audio reproduction is 96 kHz.

SCALED FLAGSHIP ISODYNAMIC HYBRID ARRAY TECHNOLOGY

One of the most sophisticated and advanced planar magnetic technologies in the world has been scaled down for a compact form factor. Patented in US, EU, China and other countries.



•RINARO•



ADVANTAGES OF A DUAL-DRIVEN VOICE COIL SYSTEM

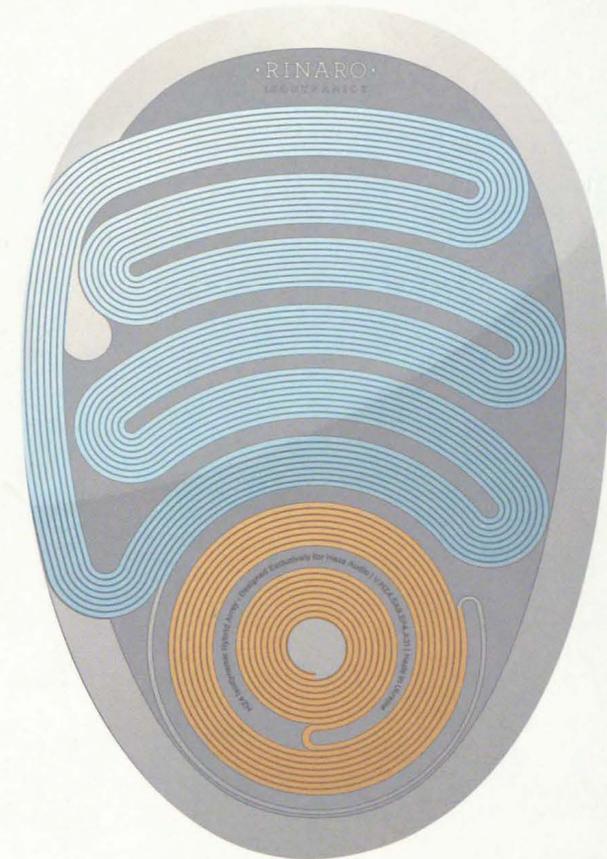
The Isodynamic Hybrid Array optimizes sound intensity distribution, particularly at frequencies above 10 kHz, leading to significantly enhanced spatial imaging and precise localization within the reproduced sound field.

SWITCHBACK COIL

Positioned in the upper section of the driver, the switchback coil is optimized for the efficient reproduction of lower frequencies, delivering a robust bass response.

SPIRAL COIL

The spiral coil, placed directly over the ear canal, excels at reproducing mid-to-high frequencies. This positioning enables direct transmission of sound waves into the ear, minimizing time delays and enhancing clarity.

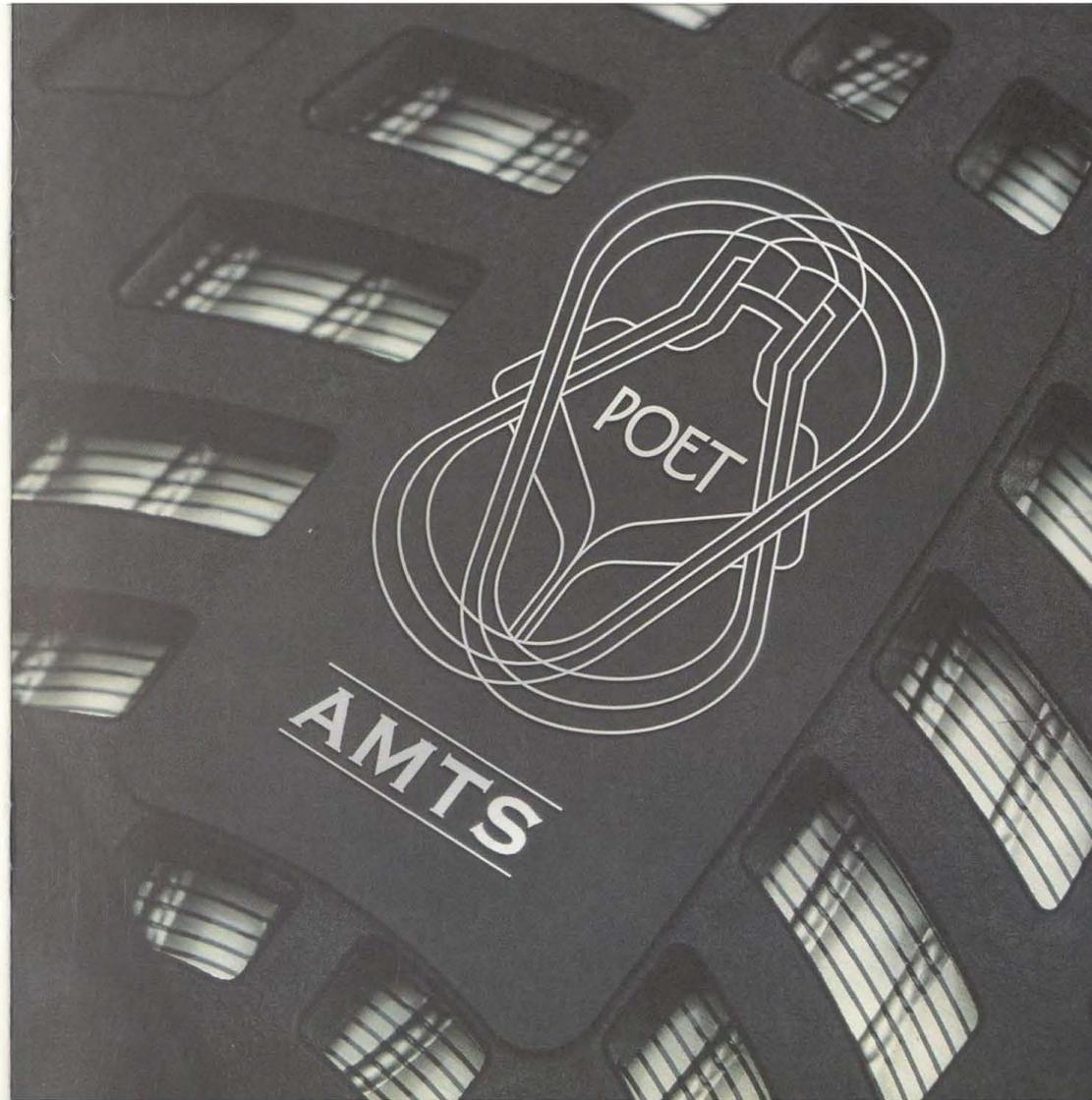


AMTS

Our implementation of the Acoustic Metamaterial Tuning System technology relies on a precision-crafted metal component that strategically covers select openings in the driver frame, to effectively attenuate high-frequency peaks for a less fatiguing listening experience.

AMTS

*POET includes AMTS technology licensed from Dan Clark Audio.
(Acoustic Metamaterial Tuning System)



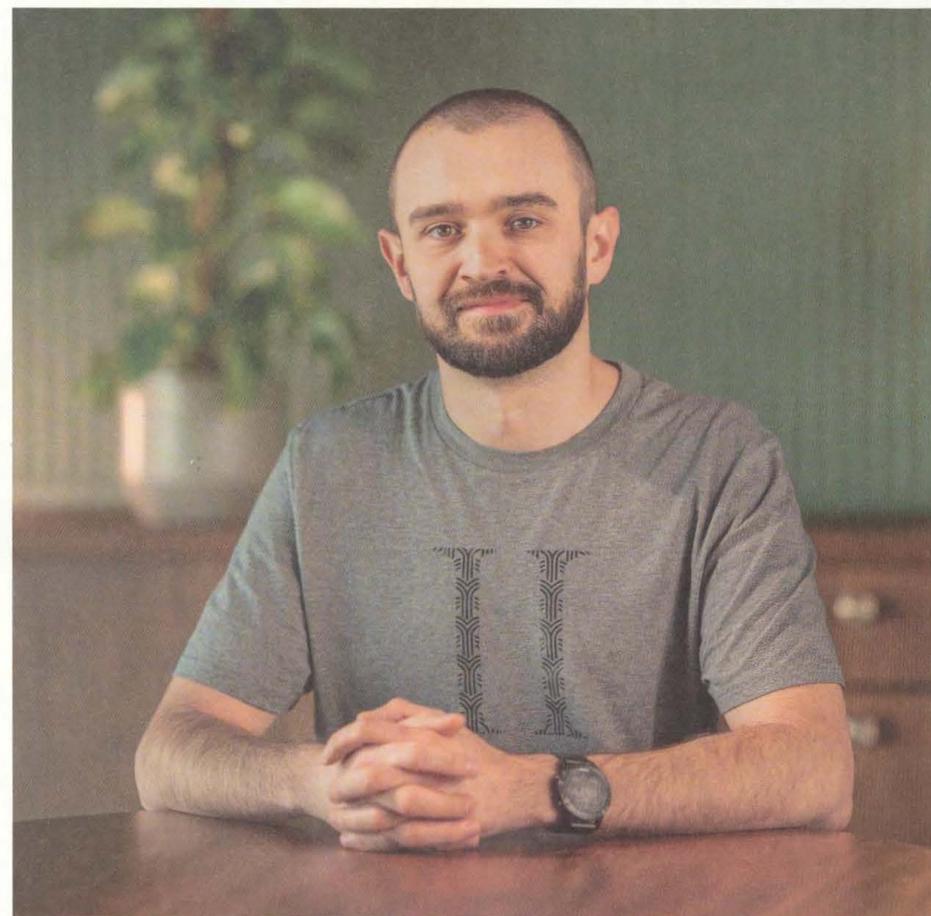
DESIGNED FOR LIFE

Originating from a sense of responsibility towards the environment and a desire to enhance your experience for as long as possible, we've designed the POET to be fully serviceable: from the replaceable earpads to the high-performance materials used, every part of the headphone chassis can be easily disassembled and serviced.



"From the very beginning of our POET journey, we knew we wanted to create something unique — a more compact planar-magnetic open-back headphone that is every bit as capable as our flagship models. Well then, what better place to look than at the very apex? In collaboration with our friends at RINARO ISODYNAMICS, we synthesized the essence of ELITE's driver technology and gave it new life. I believe POET turned out to be more than just a headphone; it's a nod to a huge stepping stone in our development as a team and a testament to how far we've come."

– Alex Grigoras, Acoustic Engineer



SPECIFICATIONS

OVERVIEW

| | |
|---------------------|------------------------------------|
| DRIVER TYPE | Rinaro Isodynamic Hybrid Array MZ6 |
| OPERATING PRINCIPLE | Open-back |
| EAR COUPLING | Circumaural |
| FREQUENCY RANGE | 4 Hz - 96 kHz |
| IMPEDANCE | 55 Ω |
| SENSITIVITY | 101 dB SPL/mW at 1 kHz |
| MAXIMUM SPL | >130 dB SPL |
| THD | <0.05% |
| WEIGHT | 350 g (12.3 oz.) (without earpads) |
| INPUT CONNECTOR | Dual 3.5 mm TS Jack |

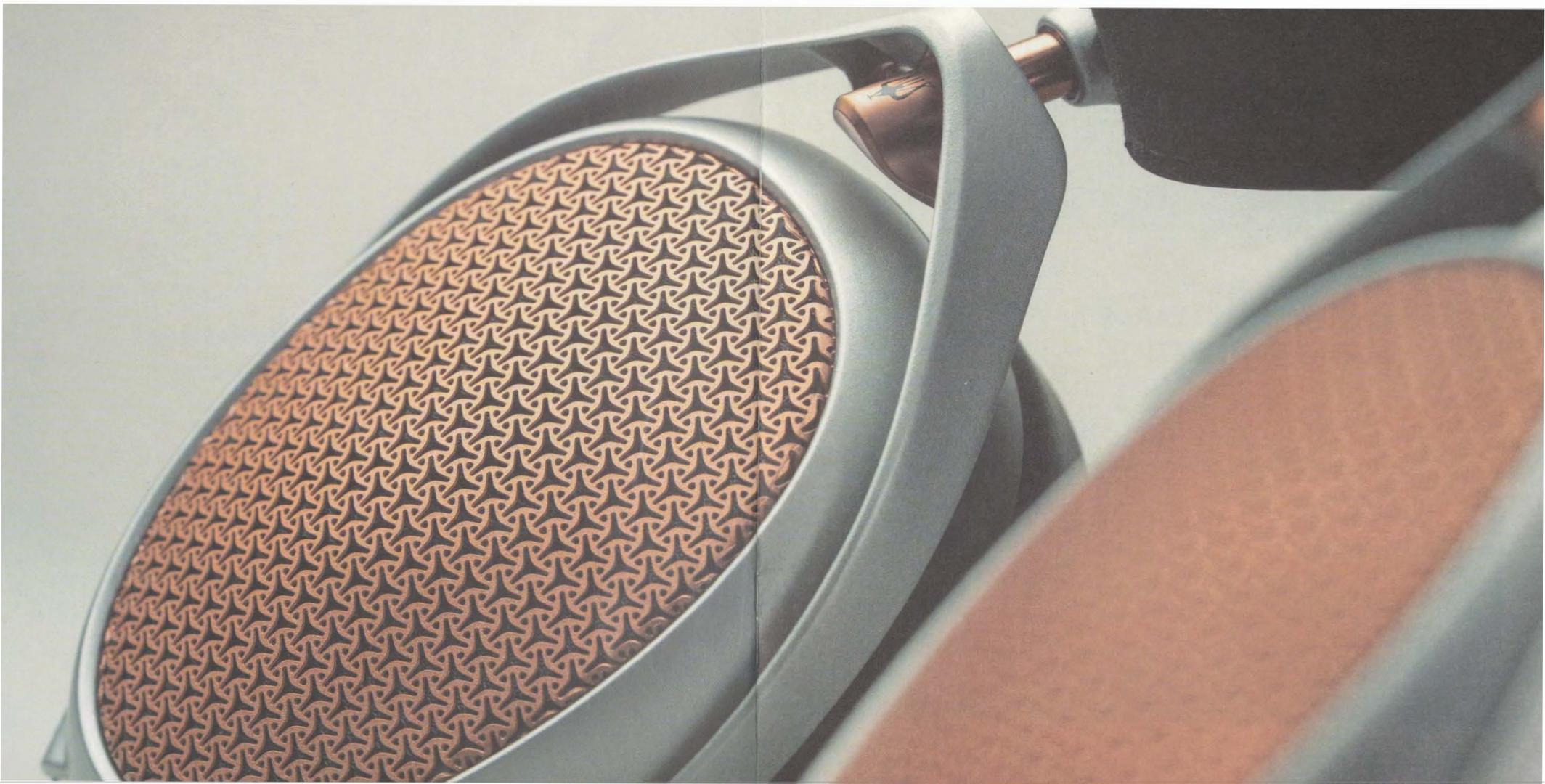
MZ6 DRIVER

| | |
|-----------------------|-------------------------------|
| GEOMETRICAL SHAPE | Ovoid |
| SIZE | 92 mm x 63 mm |
| DRIVER WEIGHT | 73 g (2.5 oz.) |
| CASING | Fiberglass reinforced polymer |
| DIAPHRAGM TYPE | Rinaro Parus MZ6 |
| ACTIVE AREA | 3,507 mm ² |
| DIAPHRAGM WEIGHT | 0.06 g |
| ACOUSTIC MASS | 6.5 kg/m |
| LOWER FREQUENCY LIMIT | 4 Hz |
| UPPER FREQUENCY LIMIT | 96,000 kHz |

PACKAGE CONTENTS



- Case: PC-ABS headphone hard case
- Cable: 2.5m braided Furukawa PCUHD copper cable with dual 3.5mm mono TS jacks to 6.3mm jack termination
- PU leather cable pouch



WARRANTY

Meze Audio guarantees their products against defects in materials or workmanship for a period of two (2) years from the date of purchase from a Meze Audio authorized dealer. Meze Audio will repair or replace the product or parts at no charge. After two (2) years, you are responsible for the repair, part replacement or full replacement of the product. 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 does not cover purchase from an unauthorized dealer, attempted repair by anyone other than Meze Audio or another authorized person or unit.

This warranty does not cover products sold by unauthorized resellers, products sold as-is, open box, second hand, display models, or opened or used products. This warranty is also void if the product was damaged by a product that it was used with, such as battery leak or electrical fault of a connecting product. In order for the warranty to be applied, a proof of purchase is required. A proof of purchase may be in the form of a receipt, bill of sale, transaction code with the model of the product and the date of purchase listed from an authorized dealer. 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 warranties.

REFUND POLICY

Products purchased from our website can be returned within 30 days from the purchase date. Item must be in functional condition and not damaged by the customer. The package and item must be without any visible damage, and complete with all accessories. To be eligible for a refund from Meze Audio, the product must have been purchased directly from Meze Audio. If your product was purchased from other retailers, you must contact that specific retailer. The customer is also responsible for shipping costs related to returning the merchandise. Original shipping cost will not be refunded. If the product you received is defective from Meze Audio or when purchased through any other authorized dealer, you may request an exchange under our warranty policy.

RETURNS

In the event that you need warranty service on your earphones, ear buds or headphones, or you are not satisfied with your purchase, please contact the Meze Audio authorized dealer you made the purchase from, or Meze Audio, through the contact form found on mezeaudio.com and mezeaudio.eu, in case you purchased the item on the Meze Audio website. We are not responsible for items returned without previously contacting Meze Audio.



Correct Disposal of This Product (Waste Electrical & Electronic Equipment) Applicable in 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.



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

SOUND. MIND. SOUL. ALL CONNECTED.



Designed and made in
Baia Mare, Romania

SAFETY INSTRUCTIONS



Always store and use your headphones in environments free from sources of intense electromagnetic fields (e.g. magnetic resonance imaging (MRI) machines, high-voltage power lines, industrial machinery, microwave transmitters, and wireless charging devices) to maintain their functionality and extend their lifespan.



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 to your headphones.



Do not crank up the volume to compensate for the noise around you. Our earpads offer good passive isolation which should allow you to listen to your headphones comfortably even in louder environments such as inside an airplane or subway.



If the product is subjected to kicking, impacts with other objects, or contact with blunt or hard surfaces, it may experience cosmetic deterioration. In addition to aesthetic damage, these conditions can also lead to mechanical issues that compromise the functionality and safety of the product.

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 |



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