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# HE-R10

Owner's Guide



HIFIMAN



## What's New on the HE-R10D

Established in 2007, HIFIMAN continues to grow and innovate within the world of audiophile-grade portable products. Ranging in scope from the world's first true audiophile digital audio player (DAP), the HM801, to an extensive series of headphones featuring planar magnetic drivers, HIFIMAN is continually at the forefront of portable audio design and ingenuity.

When it comes to dynamic drivers, which offer unique opportunities and challenges, HIFIMAN once again focused on developing a groundbreaking design, relying on a multi-tiered approach that resulted in scaling up the company's acclaimed Topology driver technology to create the HE-R10D closed-back headphone.

The application of nano scale particles to the upscaled Topology Driver allowed HIFIMAN to exert greater control over and removal of diaphragm distortions, resulting in significantly improved clarity compared to typical headphones with dynamic drivers.



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## Message from the Founder

Thank you for your purchase of the HE-R10 headphone. We take great pride in offering audio products that provide best-in-class performance and value.

Though it seems like only yesterday when I started HIFIMAN as a passionate audiophile, we just finished our first decade in business and eagerly look forward to an exciting future. The company continues to grow at a rapid pace, and I'm proud to say that the HIFIMAN brand is one of the most respected in the industry.

Even with our success, the one thing that has not changed is my passion for music and creating products that help recreate the experience of a live performance. My team shares this passion, and we, in turn, humbly share that with you.

Thank you again for your purchase. I hope you will find this guide useful in learning about the new HE-R10. I'm confident that it will bring you countless hours of listening pleasure.

Happy listening,

*Fang*

Dr. Fang Bian,  
Founder and CEO



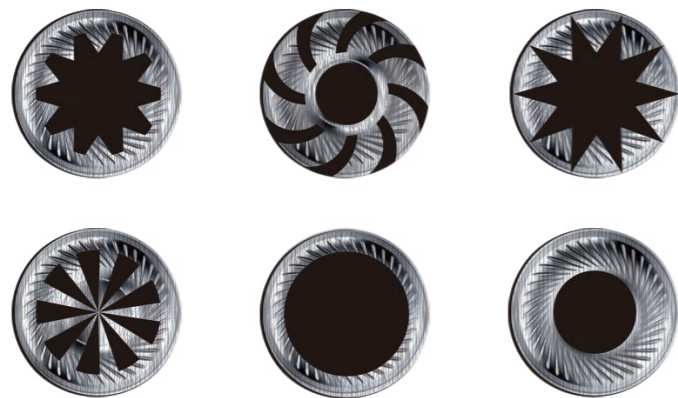
## HIFIMAN Topology Diaphragm Technology

Topology Diaphragm is the name used to describe the technology first developed for our In-Ear Monitors.

The name comes the way the technology works: it is made by applying nano scale particles to the diaphragm in layers of assorted shapes and patterns, thereby allowing for a high level of optimization that has a noticeably positive effect on the diaphragm's audio characteristics.

The inspiration for the topological diaphragm originated from Dr. Fang's PhD research, which illustrated that "different nanomaterials have different structures." Subsequently, the characteristics are not the same.

The result was a range of dynamic IEM drivers, but the HE-R10D marks the first time the technology is applied on a comparatively large-scale driver.



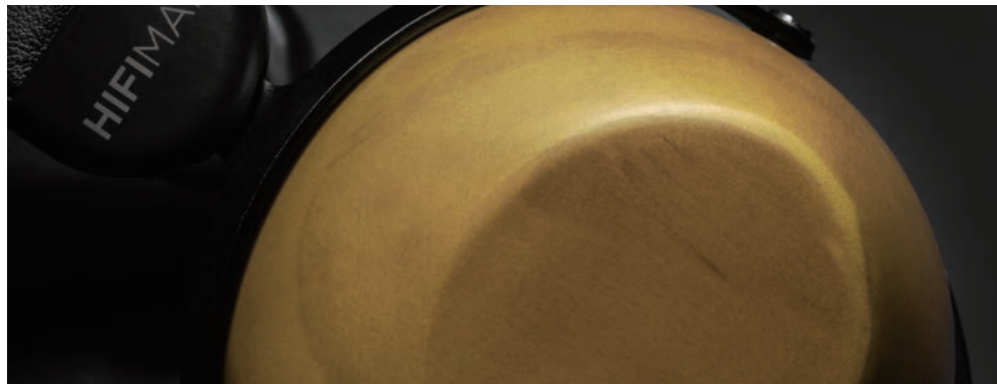
## Luxury, Inside and Out

The exterior of the headband is made of all-natural lambskin, a material famous for being both soft and luxurious. The inside is high-grade memory foam, selected to achieve the most comfortable fit and elasticity. The headband skeleton itself is made of solid steel.

The structure is both lightweight and strong, robust yet delicate, and designed to convey detail and musicality that is unmatched in the market.







## Solid Wood Ear Cups: Closed Yet Open

The large internal space of the HE-R10D's cups bring huge relative spatial volume and necessary breathing space to the powerful planar driver inside. Thanks to countless tunings, the HE-R10D offers the best attributes of closed and open-back headphones in a single model.

The CNC carving creates a work of art, marrying wood and aviation-grade aluminum in graceful elegance and simple style.

## Tranquility Pads

The HE-R10D's "Tranquility" ear pads feature high quality leather on the outside, which uses a ring-shaped inner surface to absorb sound and prevent sound leakage through the sides of the ear pad. This forces the sound to target the listener's ear. The contact edge is constructed of highly permeable material to ensure optimal head comfort.

The outcome of this advanced engineering? A transparent, coherent, and wide soundstage, and maximum comfort.





## Cable

The HE-R10D's cable features a newly designed, single-crystal, copper silver-plated structure. The combination of a high number of strands and ratio of the various ingredients ensure low signal loss and the unshakable strength to withstand hours of use, day after day, year after year.

The new TRRS plug/socket solution allows for a direct balanced input that is routed to the appropriate drivers. Easy to plug, unplug, replace, and swap. The rugged 3.5mm socket offers solid contact resistance for always-reliable signal transmission.

The HE-R10D includes three different cable options: 3.5mm, 6.35mm, and balanced XLR, for compatibility with the widest variety of audio sources, amplifiers, and professional audio equipment.





## Package Details

### Specifications

Frequency response range: 15-35KHz

Impedance: 32Ω

Sensitivity: 103dB

Net weight: 337g

Input: 3.5 TRRS Balanced

### Package Contents

HE-R10D headphone x 1

Four-pin XLR balanced headphone cable (3m) x 1

6.35mm plug headphone cable (3m) x 1

3.5mm plug headphone cable (1.5m) x 1

Ear pads (installed on the headset) x 1 pair

1 manual

1 warranty card

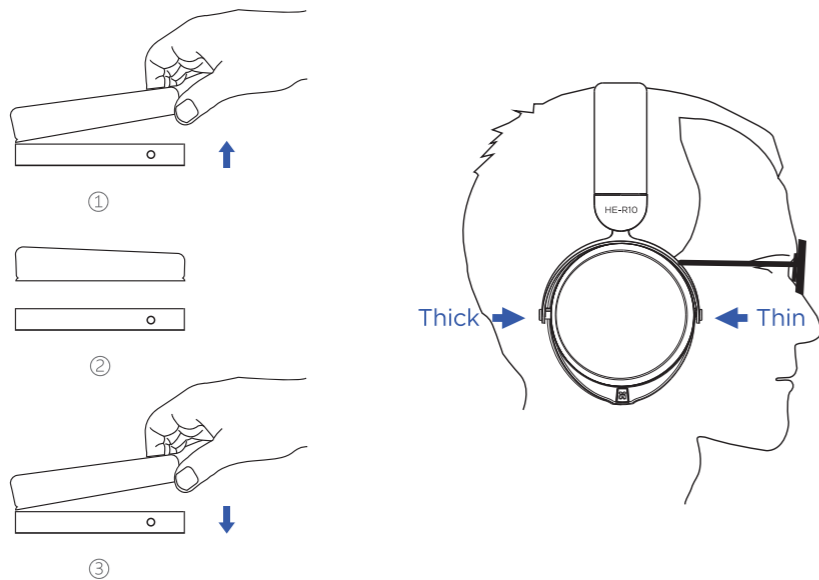
## Headband Adjustment

For the best possible fit, use the two adjustment blocks to adjust the position of the headband strap.



## Replace Ear Pads

The ear pads are designed to be directly attached to the earphones, so if you need to replace the ear pads, please attach them carefully. To remove old pads, directly pull from the edge away from the cup housing. They are attached with Velcro and should peel off easily.



## Care and Maintenance

Planar headphones benefit from break-in to achieve optimum performance. Usually this takes up to 150 hours. There is nothing special you need to do other than enjoy your headphones.

Wipe the surfaces (ear pads, cups) with a microfiber cloth and store the headphone in a dry, cool place, away from dust, heat, humidity, sunlight, young children, and pets. Periodically wipe the headband to remove dust and pet hair.

Do not expose the headphone to excessive heat or cold temperatures.

Do not use any headphone while driving or operating machinery.

Do not use volatile substances to clean the headphone. Alcohol, acetone, gasoline, and dish detergent may harm the headphone.

## HIFIMAN Limited Warranty

Your HE-R10 is warranted for a period of two year beginning with the original date of purchase. The dated sales or delivery receipt is your proof of purchase. You may be required to provide proof of purchase as a condition of receiving warranty service so please keep it handy.

If your product is under warranty and some malfunctions appear, please contact HIFIMAN customer service or your authorized dealer. If necessary, and at the discretion of HIFIMAN, the company will provide a warranty repair or replacement of your product.

Caution: do not disassemble or modify the product in any way.

Tampering with or modifying your HIFIMAN product will void its warranty.

The Limited Warranty does not apply to :

1. Defective or discolored parts if the damages are caused by fluids, dirt, missing keys, broken plastic parts or improper use.
2. Damage caused by misuse with another product.
3. Use of the product for other than its normal intended use, including, without limitation, failure to use the product in accordance with the supplied "Owner's Guide"
4. Damage caused by accident, abuse, neglect or misuse.
5. If you do not have a valid dated receipt showing proof of purchase.
6. Damage caused by services/repairs or other modifications to the system carried out by anyone other than HIFIMAN or an authorized HIFIMAN distributor or dealer.
7. Damage caused by self-repair or if the unit has been disassembled or modified in any way.

HIFIMAN greatly desires your satisfaction and will do everything reasonable to achieve that. If you have any questions or concerns with your product, simply contact your authorized dealer or HIFIMAN directly ( if purchased from us ) and explain the issue in detail. Should a return be required, a return authorization ( RMA ) number will be issued. Return shipping to HIFIMAN or authorized service facility will be at the owner's expense.

The warranty applies to the first purchaser and is not transferable. Should you need warranty service please contact your authorized HIFIMAN dealer. Or email us directly at [customerservice@HIFIMAN.com](mailto:customerservice@HIFIMAN.com)

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