

i5 平面静磁耳机

Planar Magnetic
Headphones

User Manual



Planar Magnetic Headphones

ABOUT FOSI AUDIO

Established in 2017, Fosi Audio is dedicated to the development, manufacturing, and global sales of high-quality HiFi audio products. The name FOSI embodies our four core principles:

Foresight – thinking further ahead;

Openness – embracing users' voices;

Sincerity – serving you wholeheartedly;

Innovation – upholding technical excellence.

Driven by these values, we have built a comprehensive lineup of audio equipment, including home audio amplifiers, preamps, DACs, speakers, turntables, CD players, headphones, desktop and portable headphone DAC amps, etc.

As a rising star in the HiFi audio world, Fosi Audio has earned widespread recognition and trust from audiophiles and music lovers. With a distribution network spanning over 100 countries, we are delivering exceptional sound experiences across the globe.

We believe every sound matters. With cutting-edge innovation, we make every note clear, real, and full of emotion, empowering you to "Hear the Unheard". Driven by our mission to redefine HiFi with unmatched value, Fosi Audio continues to fuel its passion for the HiFi industry, ramp up R&D efforts, and co-create new HiFi equipment with users. We pledge to bring more amazing HiFi gear with cutting-edge technology, innovative design, and premium quality to users worldwide.



Listening to the Extraordinary

Fosi Audio i5 revolutionizes traditional headphone acoustics with its newly designed planar magnetic drivers and suspended circuitry, pushing the boundaries of sound transparency and authenticity. The combination of an ultra-thin nano-scale diaphragm and silver alloy coils ensures rapid sound response and precise, intricate transient reproduction.

Thanks to its meticulously crafted diaphragm structure and precise magnetic field control, the i5 authentically reproduces the subtle details and complex textures in music, delivering a spatial and layered presentation. Its expansive and natural soundstage, coupled with a balanced and solid bass performance, transports listeners directly into the heart of live performances, offering an unprecedented level of immersion.

From the delicate nuances of chamber music to the complex layers of a symphony, from the warm textures of human voices to the precise positioning of instruments, the i5 faithfully delivers every sound. Each listening session becomes an immersive musical exploration.

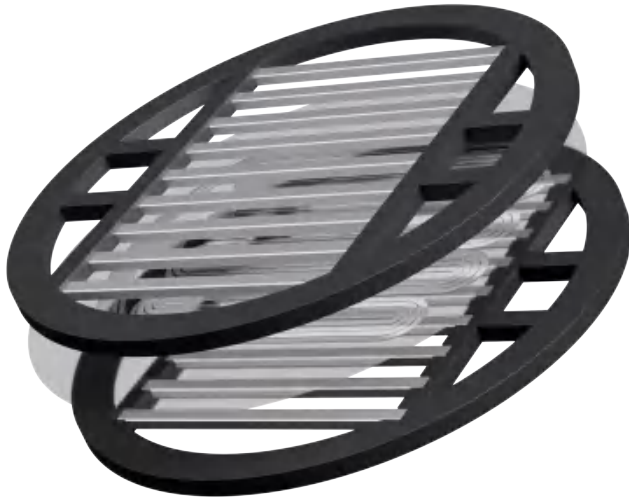
Specifications

Device Type	Full-size Open-back Wired Headphones
Transducer Type	Planar Magnetic Transducer
Maximum SPL	≥ 120 dBSPL
Frequency Response	10 - 50,000 Hz
THD	$< 1\%$ @100dBSPL
Sensitivity	98 dB/mW @1kHz
Nominal Impedance	28 Ω
Recommended Power	≥ 500 mW
Minimum Power	100 mW
Weight	550 g

Featuring target sputtering coating technology, the 1.3 μ m ultra-thin silver alloy voice coil meticulously reproduces energy with utmost precision.



The i5 is equipped with nano-scale 97mm round diaphragms, ensuring uniform force distribution along its edges, resulting in a robust and immersive bass extension.



Each unit uses 22 neodymium magnets arranged symmetrically to create a high-strength magnetic matrix, achieving precise and rapid transient response.



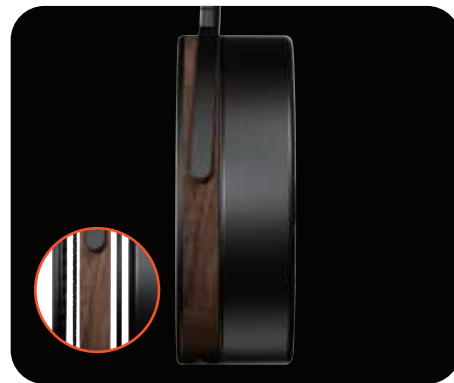
The ultra-lightweight magnetic levitation circuit allows the diaphragm to achieve superior transparency within the magnetic field, precisely reproducing the subtlest dynamics.



The i5's acoustic chamber has undergone thousands of acoustic measurements and numerous simulation experiments, to achieve an expansive soundstage.



Precision-machined CNC aluminum mesh cover is understated yet rich in texture, offering effective protection for internal components.



The body is crafted with premium walnut board. The micro-prorous structure within can absorb harmful vibrations and suppress resonance. The purest sound is what we aim for.



Aerospace-grade memory metal headband, precisely tuned for elasticity, ensures lasting durability and deformation resistance, providing an exceptional comfort.



The ear pads combine skin-friendly fabric cushions and premium perforated faux leather together to provide a huge acoustic chamber and less pressure to your ears.



Custom-designed silicone sliders enhance tactile feedback during headband adjustments, allowing for easy and precise positioning, ensuring a tailored fit.

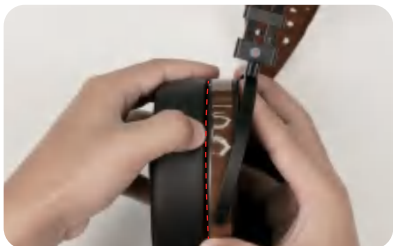


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Dual-axis universal joint structure allows free adjustment of the angle, accurately conforming to various facial contours, ensuring better sealing and a comfortable wrap-around.

Operation Guide

• Earpad Replacement



1. Locate the connection point between the earpad and the headphone body;

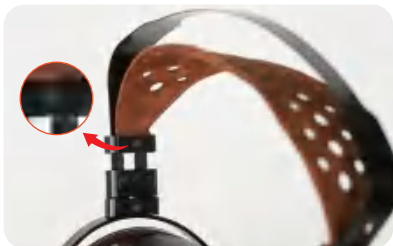


2. Gently and slowly peel off the earpad;



3. Align the new earpad with the headband and attach it.

• Headband Slider Adjustment Instructions



1. Locate the adjustment screw hole on the side of the slider and use a hex screwdriver to adjust the damping force;



2. Rotate clockwise to increase damping force, and counterclockwise to decrease it. Scan the QR code to watch the instructional video.



Get Online Support

Frequently Asked Questions

1. What should I do if there is an unusual noise using the i5?

- A. Disconnect the cable and shake i5 gently to check for persistent noise. If it continues, please contact our support team.
- B. Try different recordings to ensure the issue isn't with the quality of the recording.
- C. Test with another source device to check if the source device is faulty.

2. How should I store the i5 when not in use?

- A. Avoid storing in humid environments for extended periods.
- B. Keep i5 away from places where it might fall off.
- C. Keep i5 away from high-temperature areas.

Frequently Asked Questions

3. What precautions should I take when using the i5?

- A. Avoid compressing the ear pads hard.
- B. Do not press or poke the interior of the ear pads with fingers to prevent damage to its planar driver.
- C. Do not wear metal earrings or similar items while using the i5, as it contains magnets.
- D. Avoid using the i5 with your hair wet.
- E. Do not use speaker amplifiers to drive the i5.
- F. Keep i5 away from sharp objects to prevent damage to the diaphragm.



4. Is burn-in necessary for the i5?

Burn-in is not mandatory for i5. Normal use over time may stabilize the diaphragm and enhance the sound performance, particularly in terms of bass extension and detail clarity. However, this process is not essential for sound quality.

If you have any further questions, please contact our support team via support@fosiaudio.com

Warranty and Maintenance

Fosi Audio pledges to give a 24-month limited warranty and support from the date of purchase. If you encounter any problem when using our product, please contact our support team at support@fosiaudio.com.

About Us

Fosi Audio designs and builds innovative audio products with all your music in mind. Great sound, simple but elegant designs, high-quality components, and truly useful features are what Fosi Audio pursues. We sincerely hope you can get as much enjoyment from our products as we have had to create them!

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