



Fosi Audio

Redefining HiFi with Unmatched Value.



Fosi Audio V3 Mono

Next-Gen Monoblock Amplifier with PFFB Implementation

Another Milestone Amp Crafted for Audiophiles



PFFB

300W

Balanced

Ventilation

Minimalist



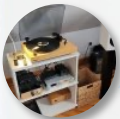
Fosi Audio

Redefining HiFi with Unmatched Value.

The Story Behind the Product

In 2023, following the launch of the V3 stereo amplifier, we received numerous valuable suggestions and feedback from our users.

There are still points to be improved, such as the adoption of PFFB, but I expect further improvements in the future. --Toku from ASR



It would be great if there was the PFFB, as Toku mentions, also no load dependency
--ModDIY from ASR

With balanced inputs and volume bypass ... this amp will be killer, even with a higher price tag (under 200 USD?) --mike70 from ASR

M

M

I wish that they offered a mono block version (based on the V3). No volume pot. Simplified signal path. --markg4331 from Youtube

I would have preferred a toggle on/off switch instead of the on/off switch being integrated on the volume pot. --cyclo from ASR



and more...

We listen intently, record diligently, and develop with dedication, ultimately striving to transform your suggestions and ideas into reality—the V3 mono.



Highlight Summary

- **PFFB Implementation:** Our R&D team successfully mastered PFFB technology and implemented it for the first time in the V3 mono, effectively solving the common issue of load dependency in Class D amplifiers and significantly enhancing the overall performance and sound quality of the amplifier.
- **Monoblock:** It's a pure mono amplifier, devoid of volume control or complex features. The V3 mono is crafted purely for audiophiles, supporting a rated power of 240W@4Ω and a max power output of 300W@4Ω.
- **Balanced Input:** Beyond RCA input, the V3 mono supports XLR balanced input, effectively enhancing interference resistance and suppressing noise floor, resulting in purer and clearer sound quality.
- **Gain Switch:** Using gain adjustment can optimize the adaptation of different audio sources, improve the signal-to-noise ratio, and reduce the risk of distortion and overload. It also provides more precise system control and matching, thereby enhancing sound quality and maintaining the purity of the signal path.
- **Advanced Cooling Design:** Features a dual-side vented chassis for heat dissipation. Moreover, similar to the V3, the amplifier chip is placed at the bottom and the entire chassis will be a heat sink to ensure stable operation at high power output.
- **Audiophile-Grade Components:** Integrated with renowned high-end components, including Japanese Nichicon filter caps, German WIMA coupling caps, Japanese ELNA caps, Japanese Sumida inductors, etc. on a costly four-layer PCB, all dedicated to providing you with an enhanced sound quality experience.



Fosi Audio

Redefining HiFi with Unmatched Value.



Specifications

Model Name	V3 Mono	
Amp Chip	Texas Instruments TPA3255	
Op-Amps	NE5532x3 (can be swapped by other DIP-8 dual op-amps)	
Input	RCA, XLR Balanced, 1/4" TRS	
Output	Speaker Out	
Power Output (with 48V/5A PSU)	Rated Power (1kHz, 1% THD)	240W @4Ω
	Max Power (1kHz, 10% THD)	300W @4Ω
Standard PSU	48V/5A	
Frequency Response	10Hz-30kHz(±0.06dB)	
SNR	>123dB	
SINAD	101dB	
THD	≤0.006%	
Controls	Manual Power/Auto Power Toggle Switch, XLR/RCA Input Toggle Switch, 25dB/31dB Gain Switch	
Retail Price	US \$139.99	



Power Output When Using Different Power Supplies

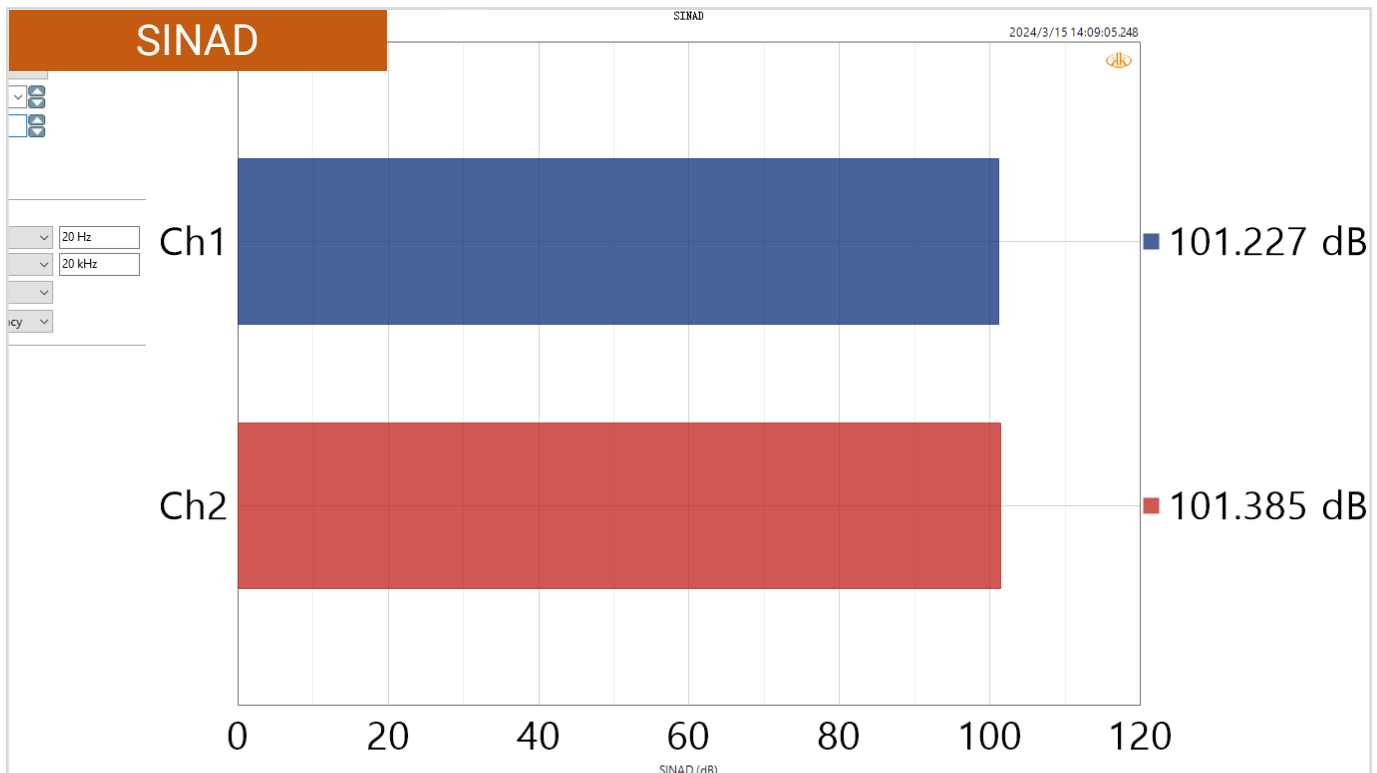
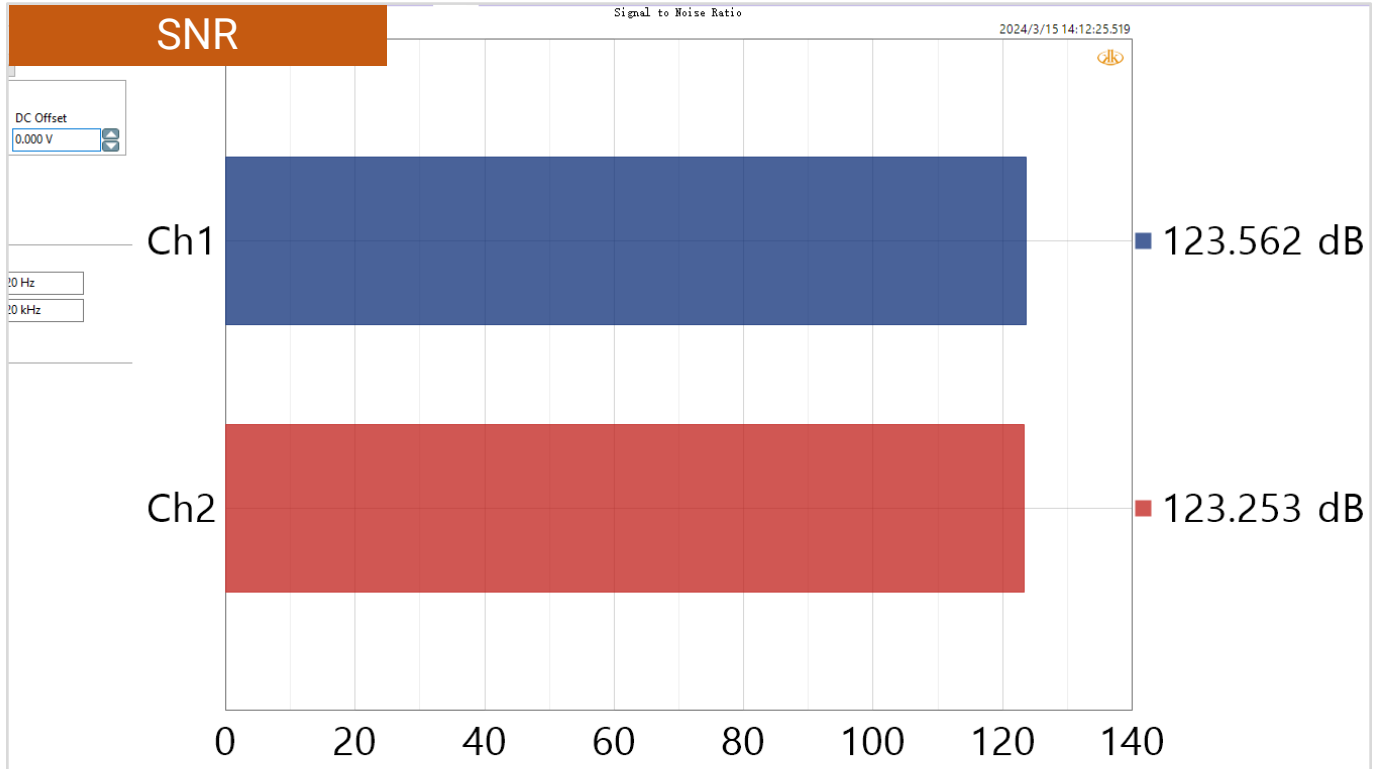
Model	PSU	Load Impedance	Rated Power (1kHz, THD 1%)	Max Power (1kHz, THD 10%)
V3 Mono	32V/5A	4Ω	100W	130W
		6Ω	65W	80W
		8Ω	55W	65W
	48V/5A	4Ω	240W	300W
		6Ω	160W	200W
		8Ω	120W	150W



Fosi Audio

Redefining HiFi with Unmatched Value.

Some Measurements



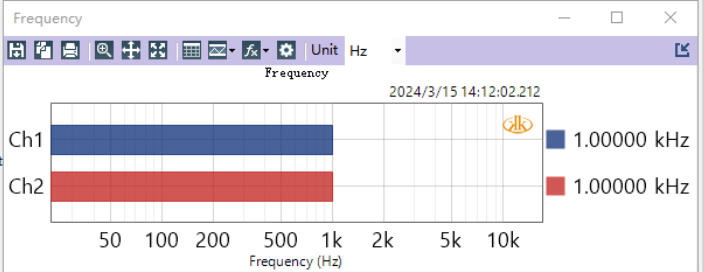
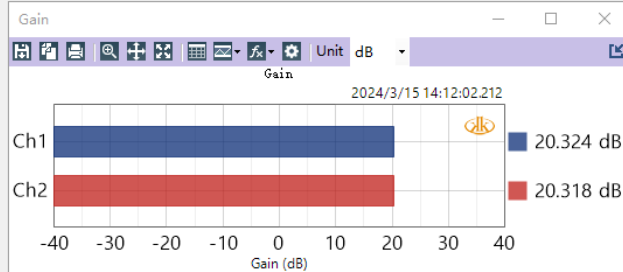
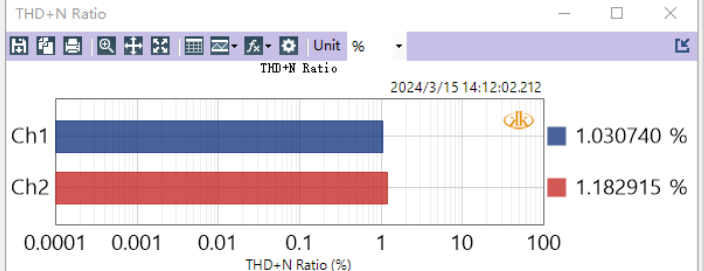
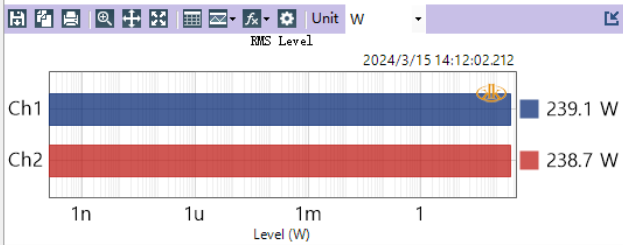


Fosi Audio

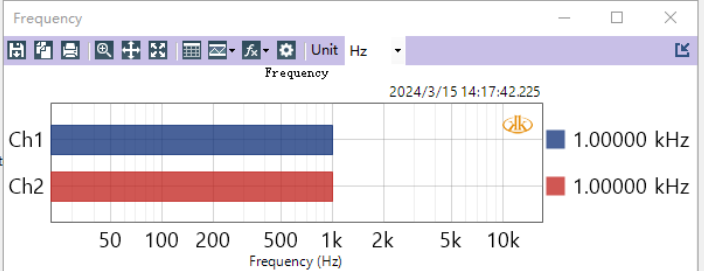
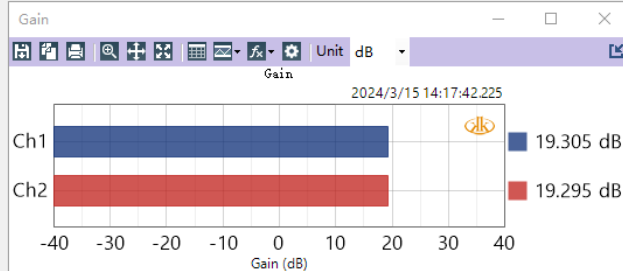
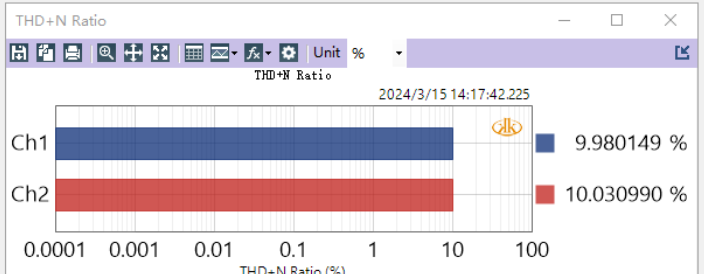
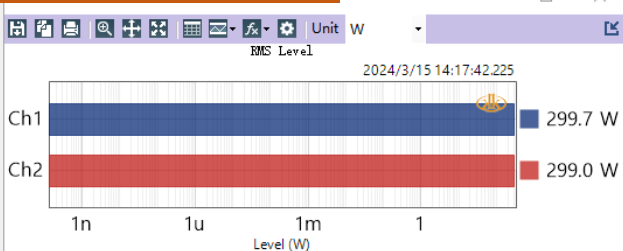
Redefining HiFi with Unmatched Value.

Some Measurements

Rated Power



Max Power



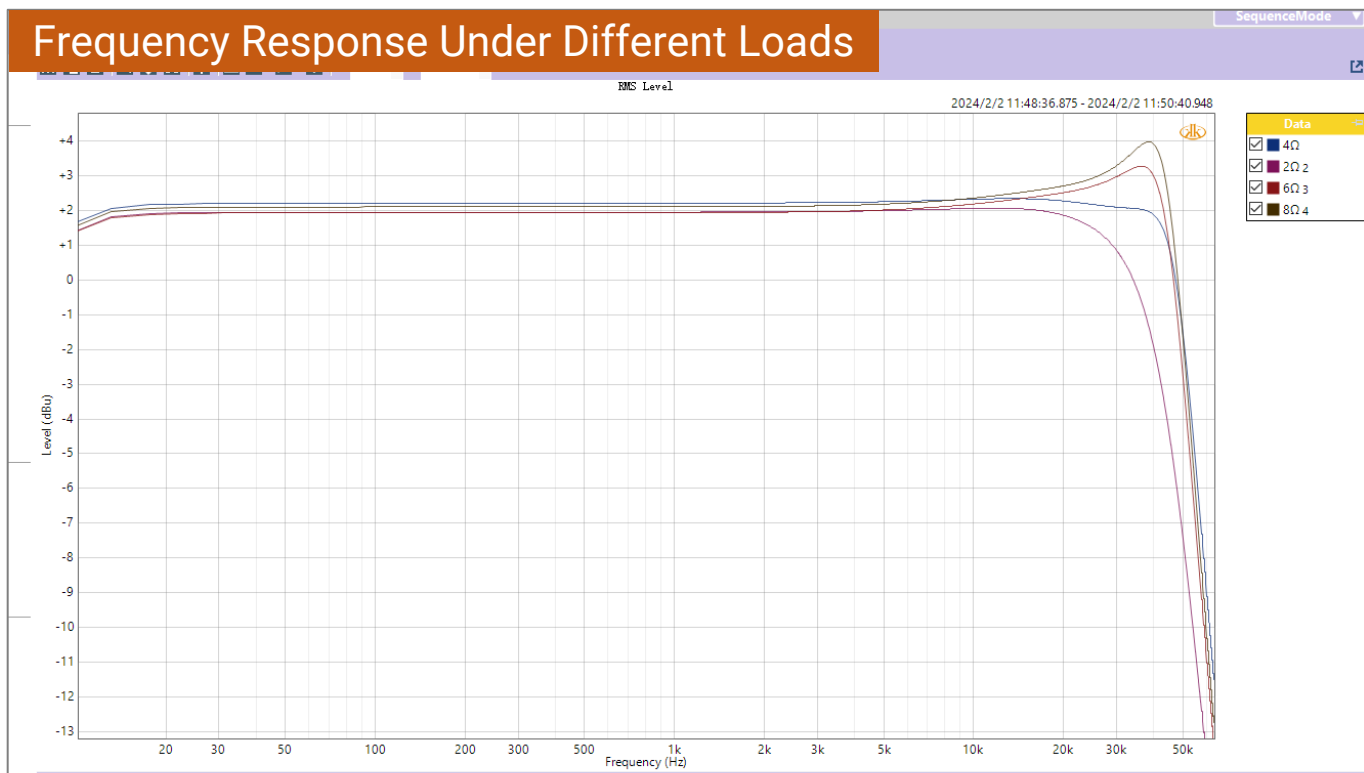


Fosi Audio

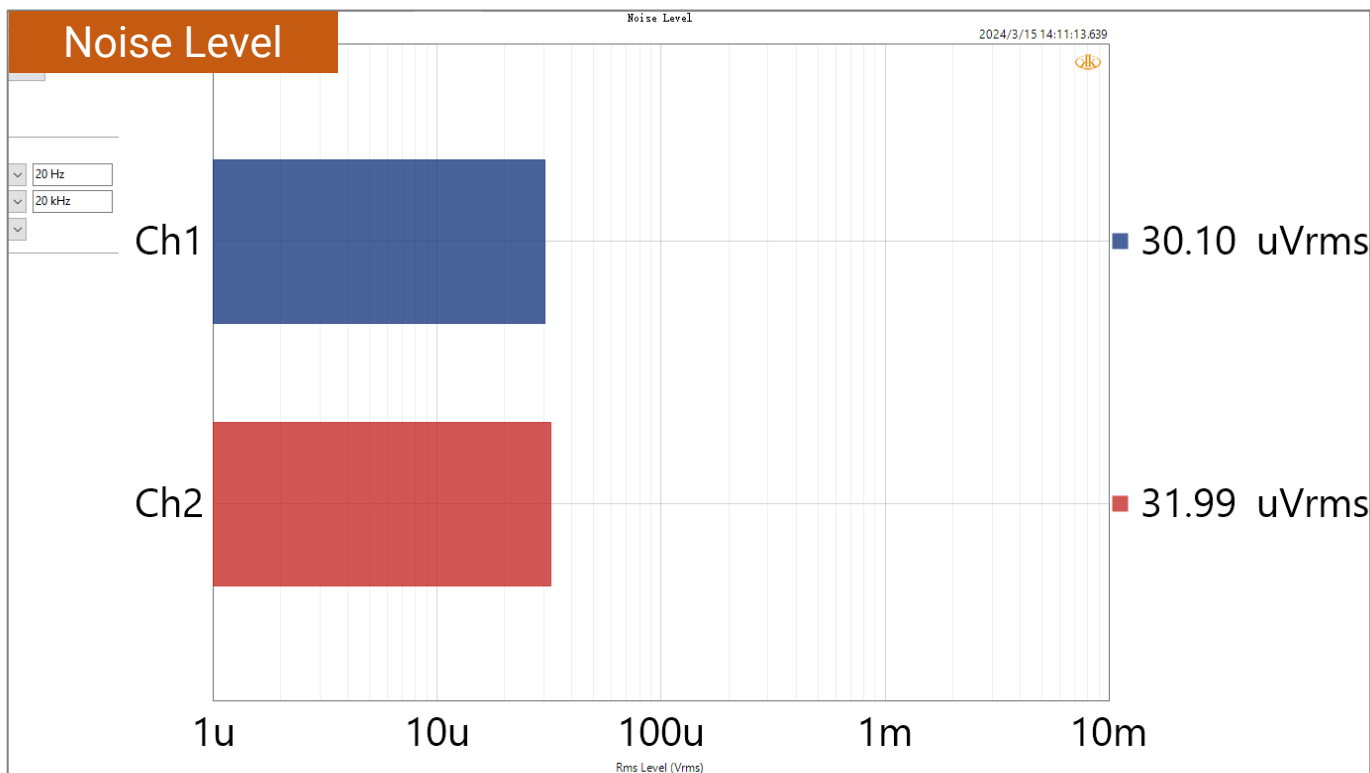
Redefining HiFi with Unmatched Value.

Some Measurements

Frequency Response Under Different Loads



Noise Level

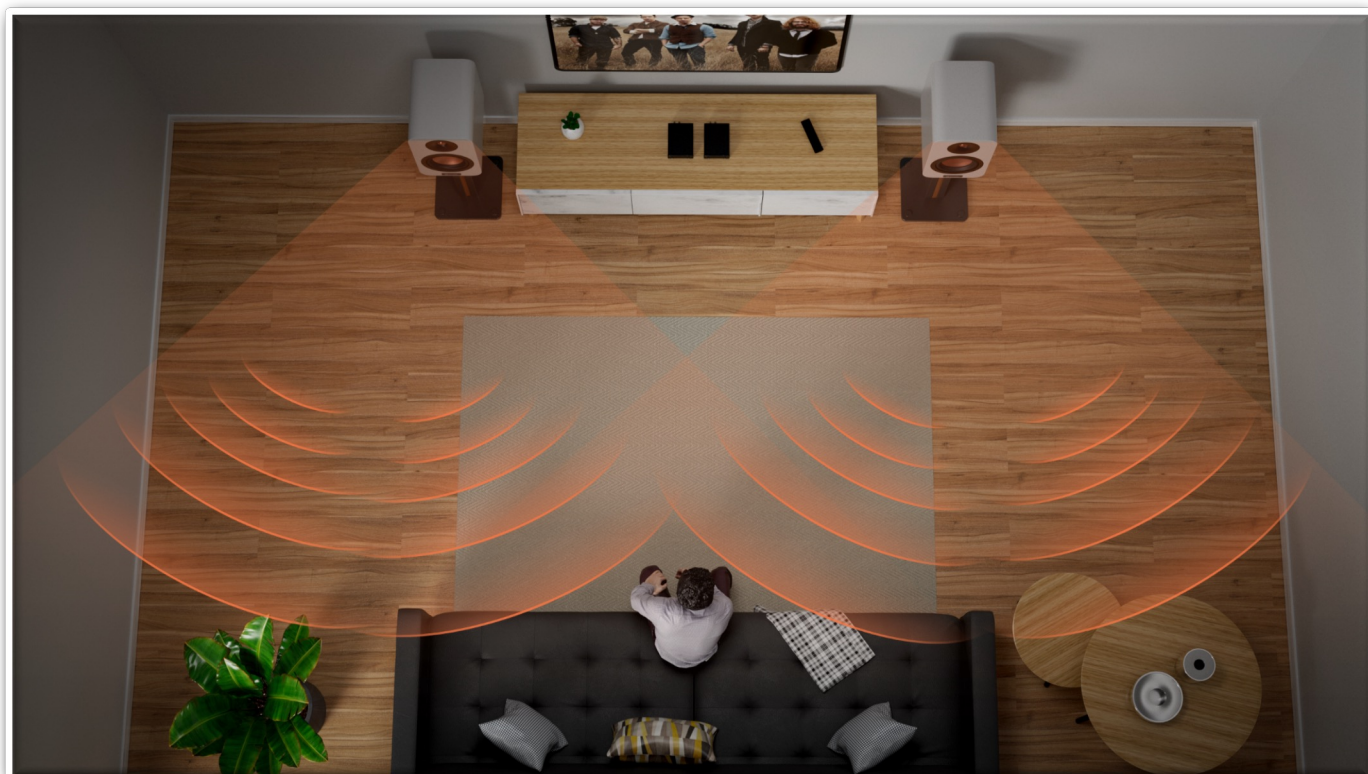




Fosi Audio

Redefining HiFi with Unmatched Value.

Gallery





Fosi Audio

Redefining HiFi with Unmatched Value.

Gallery

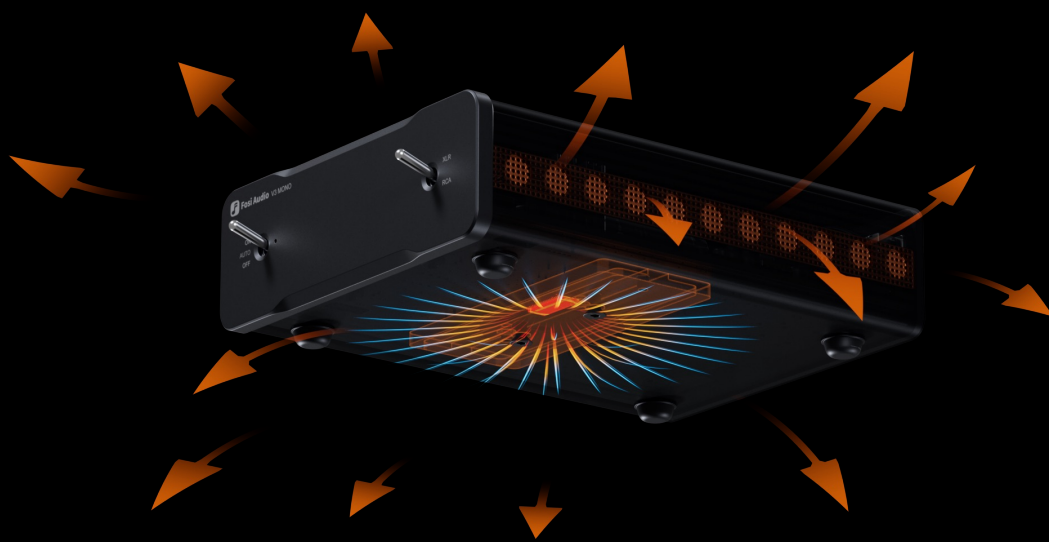




Fosi Audio

Redefining HiFi with Unmatched Value.

Gallery



Rated Power

240W





Fosi Audio

Redefining HiFi with Unmatched Value.

Gallery



About Fosi Audio

Established in 2017, Fosi Audio has been committed to developing, manufacturing, and selling high-quality HiFi audio products. Our extensive lineup includes home audio amplifiers, preamps, DACs, headphone amplifiers, speakers, portable DAC amps, etc. Fosi Audio has quickly become a rising star in the HiFi audio world, earning recognition from audiophiles worldwide. We boast a distribution network that reaches over 100 countries and have sold an impressive 20 million audio products to date.

Guided 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 high value of price, innovative design, cutting-edge technology, and premium quality, all backed by a 24-month warranty, to audiophiles worldwide.

Official Website: www.fosiaudio.com

Official Forum: community.fosiaudio.com

E-Mail: support@fosiaudio.com



Facebook Group



Youtube



Whatsapp