



Fosi Audio

Redefining HiFi with Unmatched Value.



Fosi Audio ZD3

Balanced DAC/Preamplifier



Flagship Chipset

Multiple I/O

Balanced Circuit

Easy to use

ZA3-Based



Highlight Summary

- **Flagship Chipset:** The XMOS XU316 chip provides precise digital signal processing, paired with the ESS 9039Q2M decoding chip to ensure ultimate audio detail and precision. The Qualcomm QCC 3031 chip enhances connectivity and signal stability, while the LME49720 operational amplifier greatly improves audio clarity and dynamic range. Whether for music or movies, it delivers an immersive high-fidelity audio experience to users.
- **Multiple Inputs & Outputs:** The ZD3 supports USB, HDMI (ARC), coaxial (COAX), optical (OPT), and Bluetooth inputs, easily accommodating both traditional and modern digital sources. It also offers RCA and XLR outputs, making it an ideal choice for connecting a variety of audio equipment, providing exceptional flexibility and broad applicability.
- **Balanced Circuit Design:** Features a fully discrete balanced circuit design that effectively reduces electronic noise and signal crosstalk, ensuring pure and clear audio output. Professional-grade balanced XLR output support further enhances signal stability and audio fidelity, making it suitable for demanding audio applications.
- **Easy to Use:** User-friendly design for simple operation.
 - Remote Control:** Enables convenient remote operation, eliminating the need to physically approach the device each time.
 - 12V Trigger In/Out:** Synchronizes power on/off with other compatible devices, simplifying system operation.
 - Bypass Mode:** Bypasses internal processing to preserve the original signal quality, ideal for precise audio applications.
 - Front Panel OLED Display:** Offers clear visibility, allowing users to easily monitor device status and settings in real-time.
- **ZA3-Based Design:** The ZD3 continues the design language of the ZA3 amplifier, featuring the same chassis design to achieve visual and stylistic consistency. We value adherence to our brand family concept, ensuring visual harmony and coherence across devices. Whether the ZD3 decoder and ZA3 amplifier are placed in a living room, studio, or other setting, they present an elegant and professional unified appearance.



Fosi Audio

Redefining HiFi with Unmatched Value.



Specifications

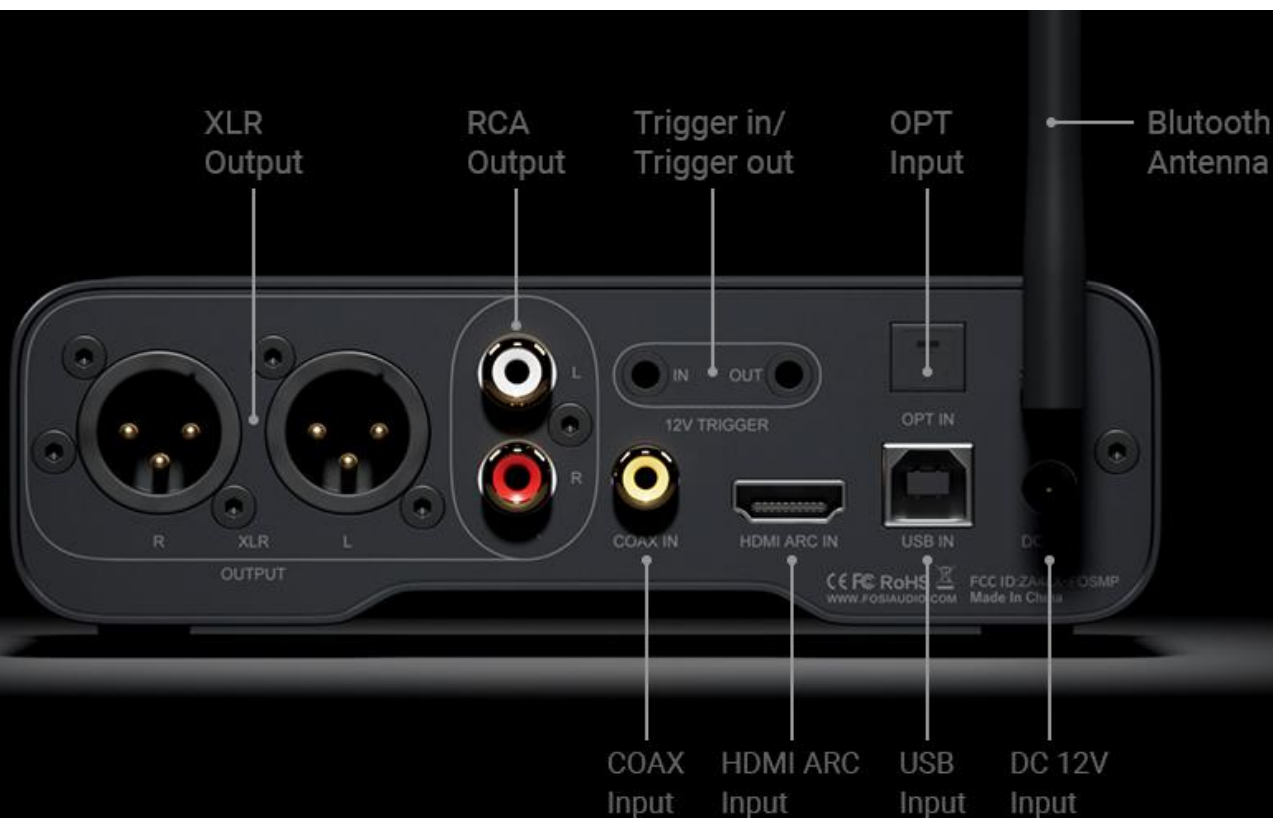
Model Name	ZD3	
Chipset	XMOS XU316+ESS 9039Q2M+QCC3031+LME49720	
Maximum Sampling Rate	USB	PCM 32bit/768kHz; DSD512
	OPT/COAX	PCM 24bit/192kHz
	HDMI	PCM 24bit/192kHz
	Bluetooth	PCM 24bit/48kHz
Output Level	XLR: 5Vrms	
	RCA: 2.5Vrms	
Input	USB, HDMI (ARC), Coaxial, Optical, Bluetooth, USB	
Output	XLR, RCA	
SNR	126dB	
THD+N	<0.00008%	
Dynamic Range	126dB	
Noise Floor	≤2μV	
Frequency Response	20Hz-20kHz (±0.1dB)	
Bluetooth Version	5.0	
Bluetooth Connection Distance	≥13m	
Bluetooth Transmission Audio Format	SBC, AAC, APTX, APTX HD	
Input Voltage and Current	DC 12V 1.5A	
USB Compatible Devices	Windows 7, 8, 8.1, 10, 11 (Some require drivers;	
	Mac OS X, Linux (No driver required)	



Fosi Audio

Redefining HiFi with Unmatched Value.

Product Gallery



Product Gallery



Product Gallery





Fosi Audio

Redefining HiFi with Unmatched Value.

Product Gallery



Power Switch

Brightness

Previous Track

Volume -

COAX Mode

USB Mode

Mute

Volume +

Next Track

Pause/Play

OPT Mode

HDMI Mode

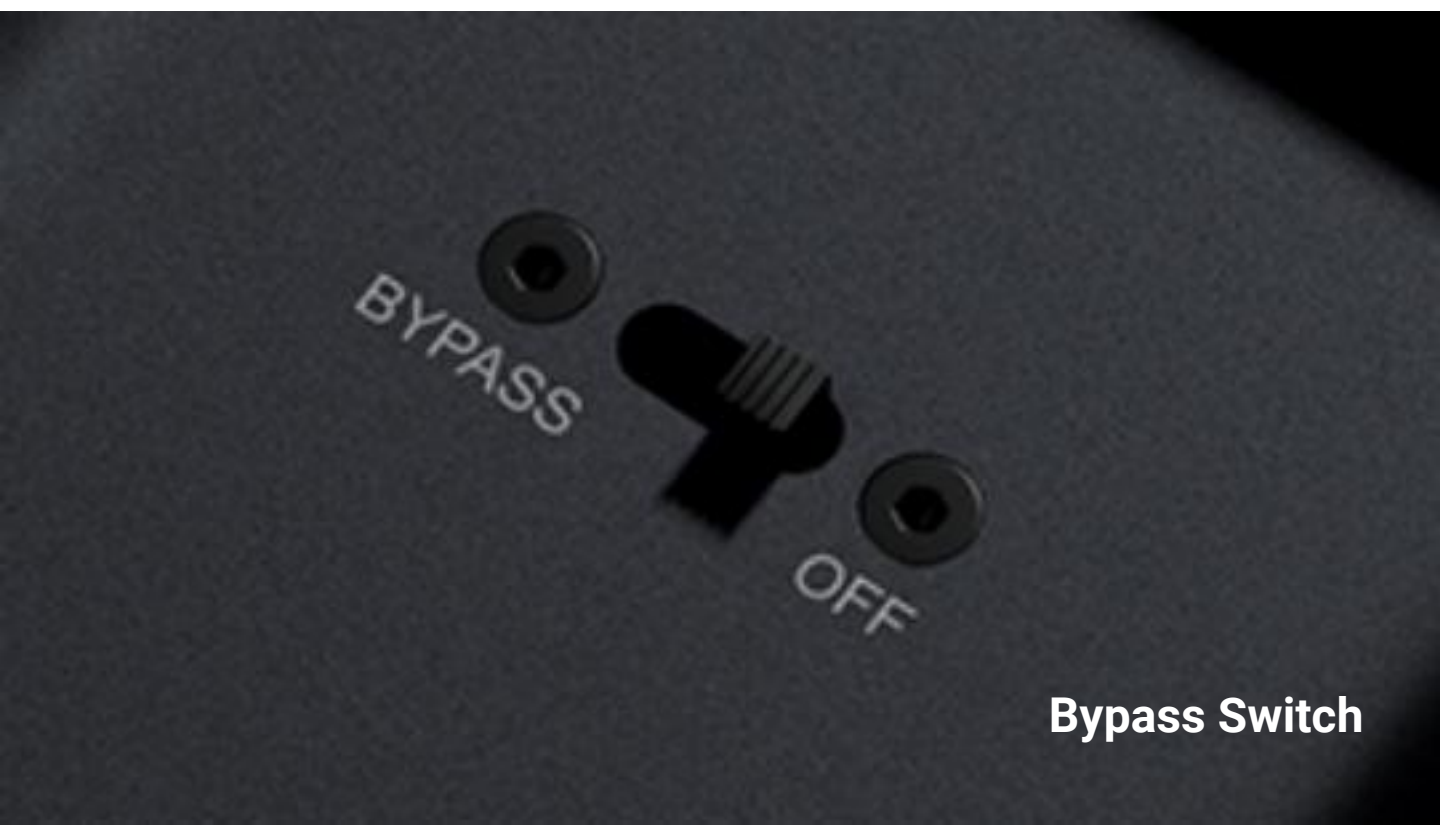
Bluetooth Mode



Product Gallery



Trigger In/Out



Bypass Switch



Fosi Audio

Redefining HiFi with Unmatched Value.

Reviews & Testimonials

- **Videos on YouTube**

cheapaudioman: <https://www.youtube.com/watch?v=JKI-8VONCME>

Forever Analog: https://www.youtube.com/watch?v=Cz6z67GN_hE

iiWi Reviews: https://www.youtube.com/watch?v=_laoNDdTk1A&t=13s

Old Guy Hifi: <https://www.youtube.com/watch?v=-er1Xk-HOew>

Passion for Sound: https://www.youtube.com/watch?v=YUv5y_TsAYc

Toids DIY Audio: <https://www.youtube.com/watch?v=RgUbJustREU>

VirtualHiFi: <https://www.youtube.com/watch?v=BxCYteuane8>

- **Article on Audio Science Review**

amirm: <https://www.audiosciencereview.com/forum/index.php?threads/fosi-audio-zd3-balanced-dac-review.58688/>

About Fosi Audio

Established in 2017, Fosi Audio has been committed to developing, manufacturing, and selling high-quality HiFi audio products. The brand name FOSI is shaped by four core principles: Foresight, thinking further ahead; Open, embracing users' voices; Sincerity, serving you wholeheartedly; Innovation, upholding technical excellence. We've crafted a home and personal HiFi system—including home audio amplifiers, preamps, DACs, speakers, headphones, headphone DAC amps, etc. Fosi Audio has quickly become a rising star in the HiFi audio world, earning recognition from audiophiles globally, with a distribution network spanning over 100 countries and trusted by millions of music enthusiasts 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 audiophiles worldwide.

Official Website: www.fosiaudio.com

Official Forum: community.fosiaudio.com

E-Mail: support@fosiaudio.com



Facebook Group



Youtube



Whatsapp