



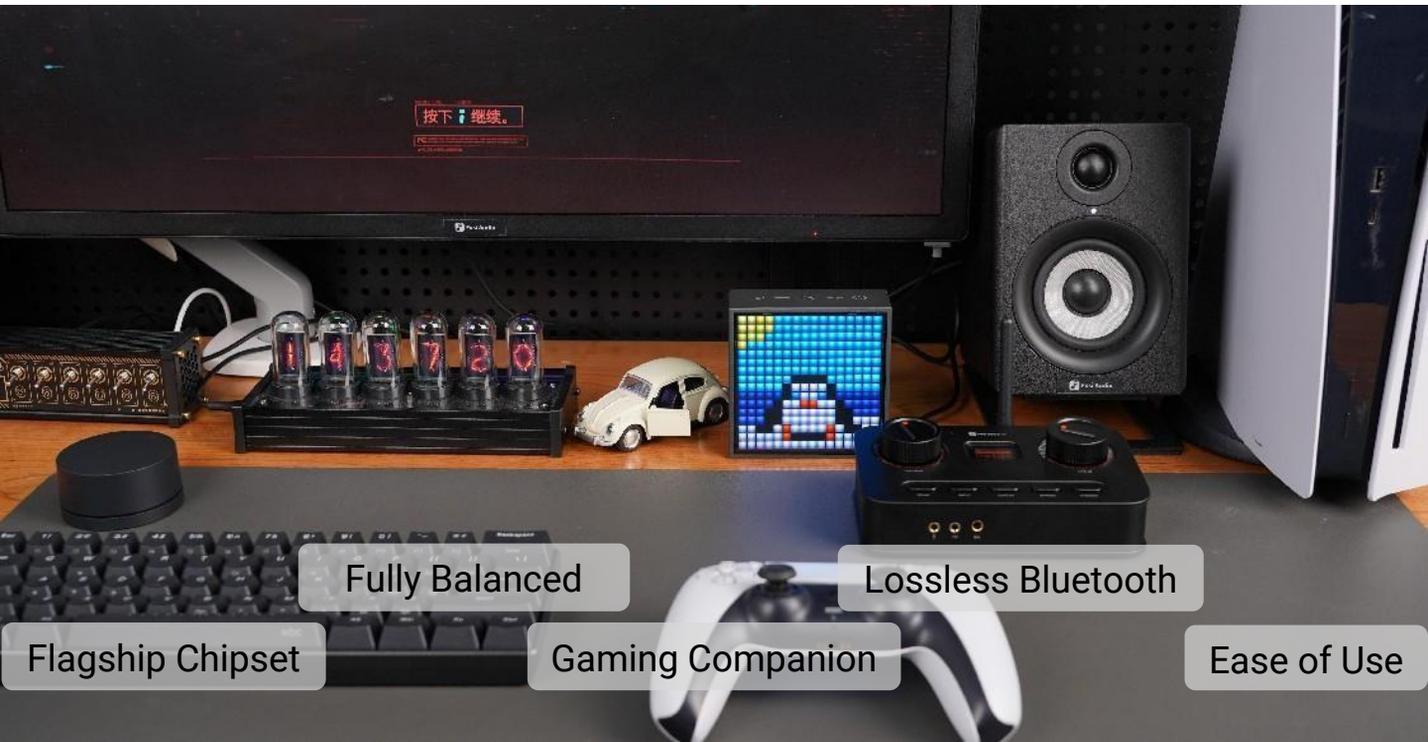
Fosi Audio

Redefining HiFi with Unmatched Value.



# Fosi Audio K7

Balanced HiFi Gaming DAC/Headphone Amplifier



Fully Balanced

Lossless Bluetooth

Flagship Chipset

Gaming Companion

Ease of Use



## Highlight Summary

- **Flagship Chipset:** The K7 integrates the XMOS XU208 for ultra-low latency USB audio, the AKM4493SEQ DAC for exceptional clarity and dynamic range, the QCC 3031 for high-resolution wireless audio, and the TPA6120 for powerful, distortion-free headphone amplification.
- **Fully Balanced Circuitry:** With a fully balanced design, the K7 minimizes noise and distortion by maintaining identical signal paths for both. This ensures a cleaner, more accurate sound, delivering enhanced clarity and detail, especially when paired with high-end headphones.
- **Gaming Companion:** The K7 is compatible with PS5 Pro, PS5, and Switch, offering plug-and-play functionality with no drivers required. It features adjustable high/low-frequency settings and customizable tone control, ensuring every note contributes to your gaming experience. It also features a microphone input with noise reduction, ensuring users are heard clearly online.
- **Lossless Bluetooth:** Equipped with the QCC3031 Bluetooth chip, the K7 supports aptX HD, aptX LL, aptX, AAC, and SBC codecs with imperceptible latency under 40 milliseconds.
- **Ease of Use:** Easily switch modes and tune your audio on the fly with tactile buttons and multi-functional pressable knobs. The angled ergonomic design provides easy access to controls and optimal visibility on your desktop. The LCD (liquid crystal display) on top enables users to check the current status of all settings.



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### Specifications

<b>Model Name</b>	K7		
<b>Chipset</b>	XMOS XU208+AKM4493SEQ+QCC 3031+ TPA6120		
<b>Maximum Sampling Rate</b>	USB	PCM 384kHz-32bit; DSD256	
	Optical	PCM 24bit/192kHz	
	Coaxial	PCM 24bit/192kHz	
	Bluetooth	PCM 24bit/48kHz	
<b>Output Level</b>	RCA: $\geq 2V_{rms}$		
<b>Input</b>	Coaxial, Optical, USB-C, 3.5mm Microphone		
<b>Output</b>	RCA, 3.5mm Single-Ended, 4.4mm Blanced		
<b>SNR</b>	3.5mm: 122dB	4.4mm: 121dB	RCA: 121dB
<b>THD+N</b>	<0.0003%		
<b>Dynamic Range</b>	121dB		
<b>Output Power</b>	3.5mm: 1000mW(32 $\Omega$ )	4.4mm: 2300mW(32 $\Omega$ )	
<b>Noise Floor</b>	3.5mm: $\leq 4.5\mu V$	4.4mm: $\leq 7.5\mu V$	RCA: $\leq 4.5\mu V$
<b>Frequency Response</b>	20Hz-20kHz( $\pm 0.1$ dB)		
<b>Bluetooth Version</b>	5.0		
<b>Bluetooth Connection Distance</b>	$\geq 13m$		
<b>Bluetooth Codecs</b>	SBC, AAC, aptX, aptX HD, aptX LL		
<b>Input Voltage and Current</b>	DC 12V 2A		
<b>Firmware Upgrade</b>	XMOS firmware can be updated via the Type-C interface.		
<b>USB Compatible Devices</b>	Windows 7, 8, 8.1, 10, 11 (Driver required)		
	Mac OS X, Linux (No driver required)		

## Product Gallery





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## About Fosi Audio

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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](http://www.fosiaudio.com)

Official Forum: [community.fosiaudio.com](http://community.fosiaudio.com)

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