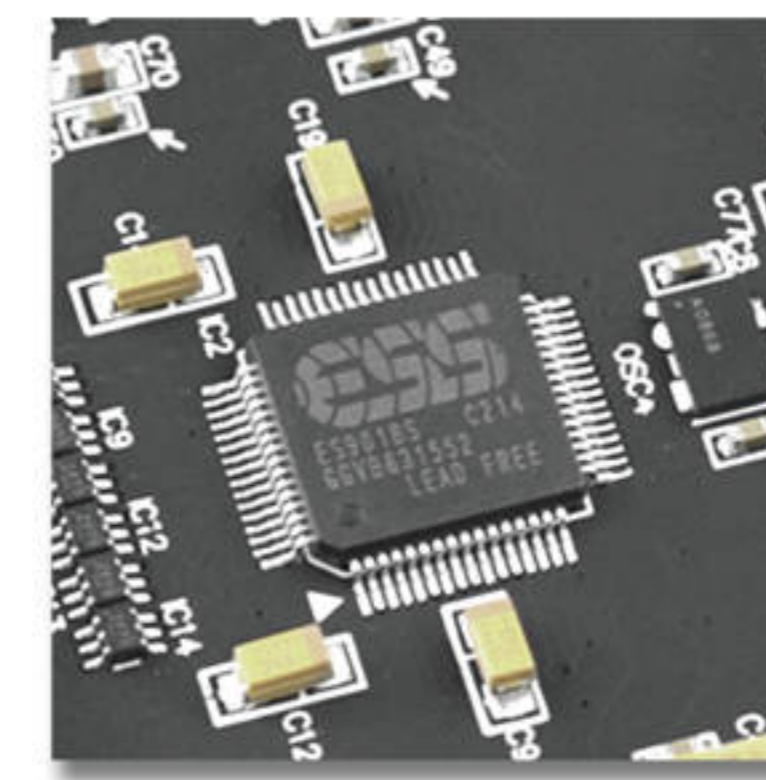


# X-SABRE

## AUDIO DAC



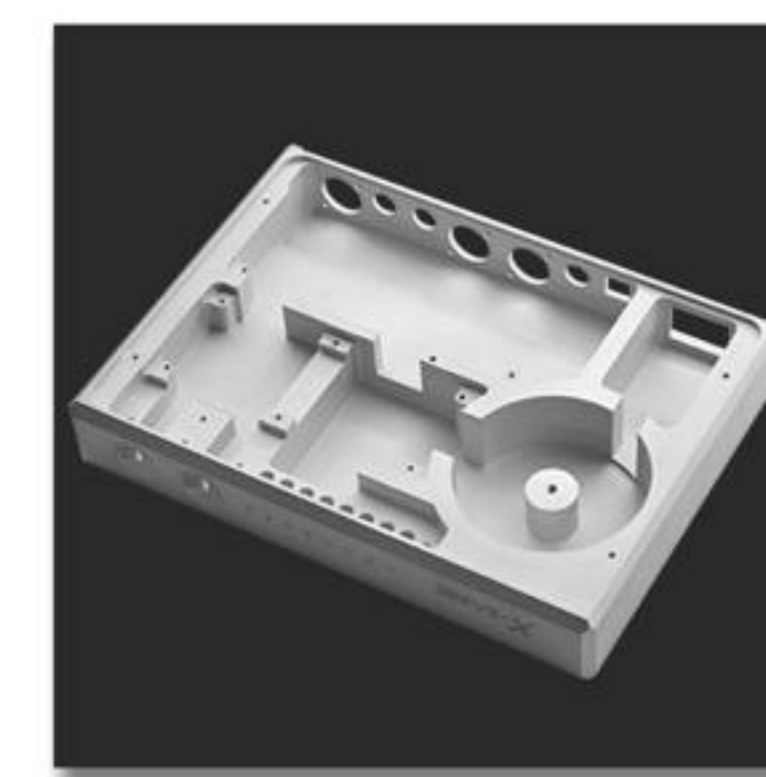
**ESS Sabre<sup>32</sup>**  
Unlike conventional sigma-delta implementation, the ESS Sabre<sup>32</sup> and Sabre converters incorporate innovative patented circuits to deliver spectacular music free from clock jitter common in digital audio systems. The results are exceptionally wide dynamic range, ultra low distortion, accurate sound stage and jitter-free music clarity.



**X-CORE**  
Using XMOS U-Series Asynchronous USB Audio Class 2.0 chip. Achieve signal asynchronous transmission and playback, support low latency ASIO, KS professional audio software interfaces, support Windows and Mac OS.



**Multi-level precision power supply**  
Power modules using high-quality Nichicon audio grade capacitors, multi-channel multi-stage power supply design, the digital and analog circuit supply power independently, analog power supply is using two groups ultra-low output noise LDO chip, effectively to ensure audio circuits SNR.



**CNC Unibody**  
The aluminum unibody shell by CNC, although the manufacture processing is so complex, but it has incomparable integrity and mechanical strength. The separate compartments on each internal circuit unit, so it has a strong anti-jamming capability.

### Technical Specifications

#### D/A Chip

ESS Technology ES9018S SABRE Reference 32-Bit D/A Chip

#### Digital Input

COAXIAL : 16-24Bit /44.1kHz,48kHz,88.2kHz,96kHz,176.4kHz,192kHz  
AES/EBU : 16-24Bit /44.1kHz,48kHz,88.2kHz,96kHz,176.4kHz,192kHz  
USB : PCM 16-32Bit /44.1kHz,48kHz,88.2kHz,96kHz,176.4kHz,192kHz, 352.8kHz,384kHz  
DSD DSD64/DSD128(DoP)

#### System Support

Windows 7/8/8.1/10 systems need to install the supplied drivers  
Mac OS X 10.6.4 and above systems without installing drivers  
Can be used with the most of Android devices via the OTG cable  
Can be used with iOS devices via the Lightning to USB Camera Adapter

#### Analog Output

RCA Output : 2.2Vrms at 0dBFS  
XLR Output : 4.4Vrms at 0dBFS(XLR : 1=GND, 2=HOT, 3=COLD)  
Frequency Response : 20Hz-20kHz(+0.01dB/-0.02dB)  
SNR : >-124dB Unweighting >-127dB A-Weighting  
THD+N : <0.0003% at 1kHz A-Weighting  
Cross Talk : >-143dB at 1kHz

#### Power Specifications

Power Voltage : 230V position is fit for AC 220V-240V 50/60Hz  
115V position is fit for AC 100V-120V 50/60Hz  
Power Consumption : <25W  
Fuse : AC 250V/1A 5×20mm

#### Others

Dimension : 205×260×48mm L×W×H(including the protruding part)  
Weight : 3.6kg

Specifications are subject to change without notice.



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