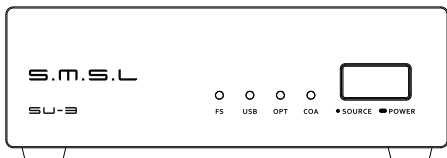


S.M.S.L



SU-3



使用说明书

<http://smsl-audio.com/>

产品简介

在继承 SU-1 优秀设计理念与出色性能表现的基础上，SU-3 进一步升级，搭载新一代 AK4496 DAC 芯片，并融合先进的 32 段 PEQ 技术。并具备 XLR 平衡输出，经过精心调校与优化，为用户带来更加细腻、纯净，同时更具音乐感染力的声音表现。

SU-3 同时配备 CNC 精密加工艺术化前面板，将先进音频技术与现代工业设计美学完美融合。精湛的加工工艺不仅赋予产品独特的视觉质感，更体现了 SMSL 对细节与品质的不懈追求。

SMSL SU-3，让卓越的音频性能与精致的工业设计相结合，为用户带来兼具听觉享受与视觉美感的全新体验！



产品特点

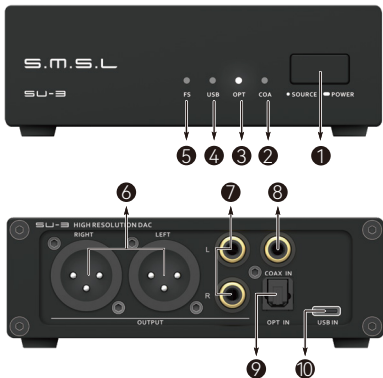
- 采用最新XMOS XU-316方案支持到32位768kHz和DSD512;
- 支持32段PEQ调节;
- 支持EQ断电记忆;
- 支持标准XLR线路输出接口;
- 标配艺术化精密加工前面板;
- 采用一片AKM新款AK4496, 并且精心调校使其达到0.00012%的低失真;
- 超小型设计, 并且支持多种放置方式;
- 内置高性能电源过滤系统, 使其仅使用USB接口供电就可以达到最佳性能!
- 内置2颗高精度低相噪飞秒晶振!
- 阳极氧化CNC铝合金外壳;
- 日本电子音频协会Hi-Res认证。

技术参数

输入接口	USB、光纤、同轴
输出方式	单端线路/平衡线路
输出电平	平衡线路 4Vrms, 单端线路 2Vrms
THD+N	0.00012 (-118dB)
动态范围:	
	126dB(XLR)
	123dB(RCA)
信噪比:	
	126dB(XLR)
	123dB(RCA)
USB传输方式	异步传输
USB兼容性	Windows 7 / 8 / 8.1 / 10 / 11
	Mac OS X10.6以上、Linux
位深:	
USB	1bit ~ 32bit
光纤/同轴	16bit ~ 24bit
采样率	
USB	PCM 44.1kHz~768kHz
	DSD 2.8224~22.5792MHz
光纤/同轴	44.1kHz~192kHz
消耗功率	<5W
待机功耗	<0.1W
体积	116 x 40 x 87mm (WxHxD)
重量	310g/0.683lbs

规格时有变更，恕不另行通知。

部件介绍



1 按键

2 同轴输入灯

3 光纤输入灯

4 USB输入灯

5 采样率指示灯

6 平衡线路输出

7 单端线路输出

8 同轴输入

9 光纤输入

10 USB输入

功能介绍

■ 按键

- 长按关闭电源，短按打开电源。
- 短按切换输入源，输入会在“USB，光纤，同轴”之间切换。

■ 采样率指示灯颜色说明

- 绿色：44.1kHz/48kHz
- 蓝色：88.2kHz/96kHz
- 红色：176.4kHz/192kHz
- 青色：352.8/384kHz
- 黄色：705.6kHz/768kHz

安全注意事项

- 请将设备安装在通风良好、阴凉、干燥、干净的位置，远离直射阳光热源、振动、灰尘、潮湿或寒冷。
- 只能使用本机指定的电压。使用高于指定数值的电压很危险，而且可能导致火灾，损坏本机或造成人身伤害。对于使用高于指定电压造成的任何损害，我司将不负任何责任。
- 不要试图自行改造或修理本机。如果需要任何服务，请与销售或者我司客服人员联系。不管有任何理由，都没有打开机壳的必要。
- 如果打算长时间不使用本机（比如度假时），请从墙壁交流电源插座上断开电源线的连接。

重要提示：

本说明书所提到的产品规格和资讯仅供参考。如有内容更新，恕不另行通知。

保修条款

一、服务期限

佛山双木三林科技有限公司承诺产品的美好品质，产品自售出之后7天内正常使用情况下出现故障，客户可以选择退货或者保修（不影响二次销售才可退货）。正常使用一年内出现故障可以免费保修。

二、购买日期以销售商开出的购机发票或收据日期为准，网购可以交易截图为准。

三、有以下情况都不能享受“三包”服务

1. 一切人为因素损坏，包括非正常工作环境下使用或不按照说明书使用。
2. 用户私自拆机、改装、维修。
3. 使用非指定或许可的配件造成损坏的。
4. 机身的QC或保修贴损毁。
5. 不能出示有效购机凭证。
6. 不属于本公司产品。

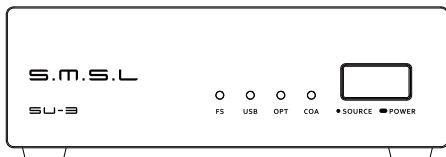
四、保修方式为送修

此条款只适于中国大陆，其它地区请参考当地销售代理商的规定和国家法规。

S.M.S.L



SU-3



USER MANUAL

<http://smsl-audio.com/>

The contents of this manual may be changed with the edition, and are subject to change without notice!

Ver 1.0

Product Introduction

Building upon the excellent design philosophy and outstanding performance of the SU-1, the SU-3 has been further upgraded with the latest-generation AK4496 DAC chip and advanced 32-band PEQ technology. Featuring balanced XLR outputs and refined through meticulous tuning and optimization, it delivers a more detailed, pure, and emotionally engaging musical performance.

The SU-3 is also equipped with an artistic CNC precision-machined front panel, seamlessly blending advanced audio technology with modern industrial design aesthetics. The exquisite craftsmanship not only provides the product with a distinctive visual appeal but also reflects SMSL's unwavering pursuit of detail and quality.

The SMSL SU-3 combines exceptional audio performance with refined industrial design, delivering a new experience that satisfies both the enjoyment of superior sound and the appreciation of elegant aesthetics.



Features

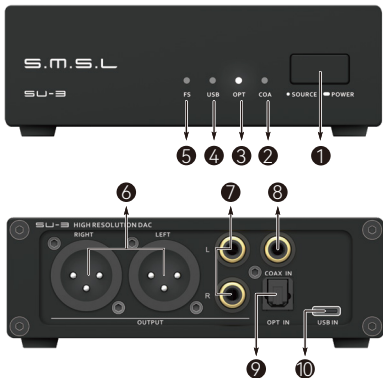
- Latest XMOS XU-316 platform, supports 32-bit/768kHz and DSD512.
- 32-band PEQ adjustable.
- EQ settings retained after power off.
- Standard XLR balanced line output.
- Artistically precision-machined front panel.
- AKM AK4496 DAC, carefully tuned for 0.00012% low distortion.
- Ultra-compact design with multiple placement options.
- Built-in high-performance power filtering, optimal performance via USB bus power alone.
- Dual high-precision, low-phase-noise femtosecond oscillators.
- Anodized CNC aluminum alloy chassis.
- Japan Electronics and Audio Association Hi-Res certified.

Specification

Input	-----	USB / Optical / Coaxial
Output	-----	XLR / RCA
Output Level	-----	XLR 4Vrms,RCA 2Vrms
THD+N	-----	0.00012 (-118dB)
Dynamic range:		
	-----	126dB(XLR)
	-----	123dB(RCA)
SNR:		
	-----	126dB(XLR)
	-----	123dB(RCA)
USB Transfer Mode	-----	Asynchronous Transfer
USB compatibility	-----	Windows 7 / 8 / 8.1 / 10 / 11
	-----	Mac OS X10.6 later 、Linux
Bit depth:		
	USB	----- 1bit ~ 32bit
	Optical/Coaxial	----- 16bit ~ 24bit
Sampling rate		
	USB	PCM----- 44.1kHz~768kHz
		DSD----- 2.8224~22.5792MHz
	Optical/Coaxial	----- 44.1kHz~192kHz
Power Consumption	-----	<5W
Standby power	-----	<0.1W
Size	-----	116 x 40 x 87mm (WxHxD)
Weight	-----	310g/0.683lbs

Specifications are subject to change without notice.

Display Interface and Instructions



- | | |
|------------------------------|------------------------|
| 1 Button | 6 XLR output |
| 2 Coaxial input light | 7 RCA output |
| 3 Optical input light | 8 Optical input |
| 4 USB input light | 9 Coaxial input |
| 5 Sampling Rate LED | 10 USB input |

Instructions for use

■ Botton

- Hold the key to switch power OFF,press the key to switch power ON.
- Press the key to switch INPUTS between "USB, COAXIAL, OPTICAL"

■ Sampling Rate Indicator Color Guide

- Green – 44.1kHz / 48kHz
- Blue – 88.2kHz / 96kHz
- Red – 176.4kHz / 192kHz
- Cyan –352.8kHz / 384kHz
- Yellow – 705.6kHz / 768kHz



Warranty Terms

1. Warranty Policy

- SMSL/VMV Audio warrants that the product shall be free from defects in function under normal use for a period of 24 months from the date of original retail purchase by the end-user (the "Warranty Period").
- This warranty is valid only for products purchased through authorized distributors or retailers. Proof of purchase (original receipt or invoice) is required.
- This warranty does not cover: damage caused by accident, misuse, abuse, unauthorized modifications, commercial use, or failure to follow product instructions.

2. Returns & Repair

- For defective products within the Warranty Period, please contact our customer service or the authorized seller from whom you made the purchase to initiate a return or exchange or repair.

3. Service Process

- All after-sales requests must be initiated through the point of purchase (e.g., the specific online platform store or authorized distributor).
- Please have your order number, product serial number, and a description/video of the issue ready.
- Do not return any product without first obtaining a Return Merchandise Authorization (RMA) number. Unauthorized returns may be refused.
- Ship the product to the address provided in your RMA instructions by online platform store or authorized distributor. We will inspect it and notify you of the resolution.