

70mm

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深圳市双木三林电子有限公司

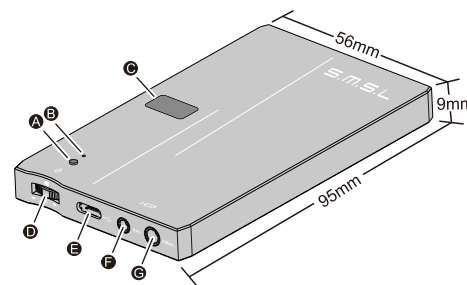
产品特点

- 使用第二代XMOS方案—XCore200(XU208),PCM采样率最高支持768kHz及DSD512,独家定制驱动支持Native DSD,处于业内领先地位。
- 使用2颗美国ESS公司SABRE9018Q2C高动态范围低失真高规格解码芯片,内置大功率耳放电路。
- 采用全平衡电路设计。
- 设计有独立2.5mm平衡耳座输出,方便接平衡耳塞。
- 使用超低噪声电源LDO供电。
- 自带独立音量调节功能,并且DSD音量可调。
- 内置大容量电池。

技术参数

输入接口:	Micro USB
输出接口:	3.5mm/2.5mm(4芯)
THD+N:	0.0003%
信噪比:	118dB
动态范围:	125dB
频率响应:	10Hz~100kHz
位深:	16bit, 24bit, 32bit, 1bit
采样率:	44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz, 352.8kHz, 384kHz, 705.6kHz, 768kHz, DSD64, DSD128, DSD256, DSD512
耳放输出功率 (@THD+N=0.1%)	
平衡输出	32Ω 91mW 64Ω 78mW 150Ω 53mW 300Ω 32mW
非平衡输出	32Ω 55mW 64Ω 33mW 150Ω 21mW 300Ω 12mW
充电电压:	DC 5V

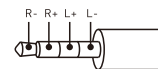
接口介绍



- A 长按开/关机,短按电量显示
B 充电指示灯
C 显示屏
D 功能按键*
E USB输入接口
F 2.5mm输出接口
G 3.5mm输出接口

*注

- 功能按键:①长按进入菜单,短按切换菜单目录。
②向左/右拨动,加减音量或改变菜单内容。
- 2.5mm平衡耳机口定义说明



2.5mm平衡输出

菜单介绍

- "Charge"充电管理菜单,接入设备后,可选择是否给机器充电。
- "Output"输出接口菜单,有2.5mm平衡耳机口输出3.5mm非平衡耳机口输出。
- "USB-MO"USB传输协议菜单,有USB 1.1兼容模式和USB 2.0高码率传输模式。
- "PCMFLT"PCM滤波器菜单,分别是fast,slow,mini。
- "DSDFLT"DSD滤波器菜单,分别是47kHz,50kHz,60kHz,70kHz。
- "Dimmer"亮度调节菜单,亮度可调范围1~8级。

温馨提示

- USB驱动请前往<http://www.smsl-audio.com>下载。
- 听力专家建议不要持续大声播放,如果你感到耳朵不适,请降低音量或停止使用。



仅适用于海拔2000m以下地区安全使用。



仅适用于非热带气候条件下安全使用。

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100mm

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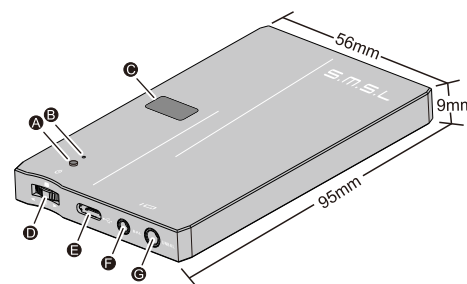
Features

- Using the 2nd generation of XMOS USB audio solution XCore200(XU208),PCM sampling rate support up to 768K and DSD512,Driver is Exclusively customized and support native DSD,which is very advanced in audio range.
- ESS SABRE9018Q2C ultra-high dynamic range and ultra-low THD+N DAC,built-in big power headphone amplifier.
- Full-balanced circuit design.
- 2.5mm independent balanced headphone output jack.
- Powered by ultra-low noise LDO for best performance.
- Independent volume setting function available and also DSD volume adjustable too.
- Built-in big capacity battery.

Specification

Input:	Micro USB
Output:	3.5mm/2.5mm(4 poles)
THD+N:	0.0003%
SNR:	118dB
Dynamic range:	125dB
Frequency response:	10Hz~100kHz
Bit depth:	16bit,24bit,32bit,1bit
Sampling rate:	44.1kHz,48kHz,88.2kHz,96kHz,176.4kHz,192kHz,352.8kHz,384kHz,705.6kHz,768kHz, DSD64,DSD128,DSD256,DSD512
Headphones amplifier output power:(@THD+N=0.1%)	
平衡输出	32Ω 91mW 64Ω 78mW 150Ω 53mW 300Ω 32mW
Unbalanced	32Ω 55mW 64Ω 33mW 150Ω 21mW 300Ω 12mW
Charge:	DC 5V

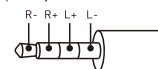
Parts Name



- A Press and hold the button to poweron/off.Press the button to display battery capacity
B Charging indicator
C Display
D FN-Button*
E USB input jack
F 2.5mm output jack
G 3.5mm output jack

*Note:

- FN-Button:1 Press and hold the FN-Button into main menu,press to switch menu.
2 Turn it right and left to adjust volume or select menu items menu.
- 2.5mm balanced headphone jack illustration



2.5mm balanced-output jack

Menus

- "Charge" it is charging management menu.When the unit was connected,that can select to charge for it or not.
- "Output" it is output jack menu.There are 2.5mm balanced or 3.5mm Non-balanced headphone jack available to select.
- "USB-MO" It is USB transmission mode, USB1.1 specs mode and USB2.0 specs mode.
- "PCMFLT" It is PCM filter menu.Fast,slow,mini mode are selectable.
- "DSDFLT" It is DSD filter menu including 47kHz,50kHz,60kHz,70kHz.
- "Dimmer" menu.Dimmer setting range is level 1-8.

Warm tips

- Please visit www.smsl-audio.com to download USB driver if needed.
- Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.



Safe use only under elevation 2000m.



Safe use only in the non-tropical climate conditions.

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100mm