

70mm

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Hi-Res
AUDIOS.M.S.L
VMA

M7



深圳市双木三林电子有限公司

产品特点

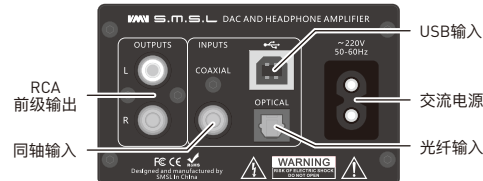
- 1 内置高效率低震动的美国TRIAD变压器，为解码器提供充足的能源供应。
- 2 线性电源并使用了多组低噪声LDO供电。
- 3 USB接收芯片使用第二代XMOS方案—XCore200 XU208，PCM采样率最高支持768K及DSD512，独家定制驱动支持Native DSD，处于业内领先地位。
- 4 时钟系统使用了独立的超低时钟抖动，超低相噪的晶振作为音频时钟。
- 5 DAC芯片使用AKM公司新品—AK4452，并使用了两片作为解码，分离度更高，失真更低，细节更好。
- 6 内置大功率超低失真耳放—TPA6120A2，超高的电压摆幅，极致的瞬态特性。
- 7 大量使用音频专用发烧级电阻电容。
- 8 人性化菜单操作，解码器声音风格和数字滤波器可自行设置。

接口介绍

6.35mm
耳机输出口

功能按键

旋钮

RCA
前级输出

同轴输入

USB输入

交流电源

光纤输入

技术指标

输入接口:	USB/光纤/同轴
输出接口:	6.35mm耳机/RCA
USB传输方式:	异步
THD+N:	前级输出: 0.00068% 耳放输出: 0.0036%
动态范围:	116dB
信噪比:	前级输出: 107dB 耳放输出: 101dB
位深:	USB: 16bit,24bit,32bit,1bit 光纤/同轴: 16bit,24bit
采样率:	USB: 44.1kHz,48kHz, 88.2kHz,96kHz, 176.4kHz, 192kHz, 352.8kHz, 384kHz, 705.6kHz,768kHz DSD64,DSD128,DSD256,DSD512 光纤/同轴: 44.1kHz,48kHz, 88.2kHz,96kHz, 176.4kHz,192kHz 138mW (32Ω ,THD=0.1%) 110mW (64Ω ,THD=0.1%) 58mW (150Ω ,THD=0.1%) 30mW (300Ω ,THD=0.1%)
耳放输出功率:	
阻抗范围:	16-300Ω

前级输出电平:	4Vrms
消耗功率:	4.3W
待机功率:	0.9W

操作

- **功能按键:** 长按开关机，短按切换输入音源。
- **旋钮:** 短按，切换耳放和RCA前级输出；顺时针旋转增加音量，逆时针旋转减小音量；长按，进入菜单模式。
- **菜单模式:** 长按旋转编码开关进入菜单，功能键上的指示灯点亮，指示当前菜单模式，短按旋转编码开关切换菜单项，左右旋转设置当前功能项，再次长按旋转编码开关退出菜单。
- **功能键指示灯:**
 - 红色: 待机模式
 - 紫色: 当前设置声音风格 (4种)。
 - 蓝色: 当前设置数字滤波器模式 (5种)。
- **声音风格:** 风格1 (默认)，风格2，风格3，风格4。
- **数字滤波器:**
 1. Short delay Sharp roll-off filter (默认)
 2. Sharp roll-off filter
 3. Slow roll-off filter
 4. Short delay Slow roll-off filter
 5. Super Slow roll-off Mode

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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Shenzhen ShuangMuSanLin Electronics Co., Ltd.

Features

- 1 Built-in TRIAD transformer from USA with features of High-efficiency and low-vibration, which supply sufficient power to Audio DAC.
- 2 With linear power supply and also powering by couples of ultra-low noise LDO for best performance.
- 3 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.
- 4 Using independent ultra-low clock jitter as clock system and ultra-low phase noise crystal as audio clock.
- 5 Two pieces AK4452 used as DAC chip from AKM company for higher channel separation and lower distortion. More details you can hear.
- 6 Using big power and ultra-low distortion HP amp chip named TPA6120A2. High Voltage Swing and supreme transient response.
- 7 Mostly using audiophile resistor and capacitor specialized for audio products.
- 8 Humanized operation, sound style and digital filter can set itself.

Parts names

6.35mm
Headphone
output jackFunction
key

Knob

RCA
Pre-outputCoaxial
input

USB input

AC power

Optical
input

Specification

Input jacks:	USB/optical/coaxial
Output jacks:	6.35mm Headphone jack/RCA
USB transmission:	asynchronization
THD +N:	Pre-output 0.00068% HP output 0.0036%
Dynamic range:	116dB
SNR:	Pre-output 107dB HP output 101dB
Bit depth:	USB 16bit,24bit,32bit,1bit Optical/coaxial 16bit,24bit
Sampling rate:	USB: 44.1kHz,48kHz, 88.2kHz,96kHz, 176.4kHz, 192kHz, 352.8kHz, 384kHz, 705.6kHz,768kHz DSD64,DSD128,DSD256,DSD512 Optical/coaxial 44.1kHz,48kHz, 88.2kHz,96kHz, 176.4kHz,192kHz 138mW (32Ω ,THD=0.1%) 110mW (64Ω ,THD=0.1%) 58mW (150Ω ,THD=0.1%) 30mW (300Ω ,THD=0.1%)
HP output power:	
Impedance Range:	16-300Ω
Pre output Level:	4Vrms

Power consumption:	4.3W
Standby power:	0.9W

Operation

- **Function key:** Long-pressing into on/off; Switching input source by short-pressing the key.
- **Knob:** Switching HP amp and RCA Pre output by short pressing the knob; Turning the knob Clockwise for volume down; Long-pressing into Menu mode.
- **Menu mode:** Long-pressing and revolving knob enter into menu, indicator lights on top of function key and it indicate current menu mode. Short-pressing and revolving knob for switching menu selection. Setting correct function by revolving left and right. Long-pressing knob to exist menu.
- **Function Key indicator:**
 - Red: Standby mode
 - Purple: Ready to set sound style (four kinds)
 - Blue: Ready to set digital filter mode (five kinds)
- **Sound style:** Style 1 (default), style 2, style 3, style 4
- **Digital filter:**
 1. Short delay Sharp roll-off filter (default)
 2. Sharp roll-off filter
 3. Slow roll-off filter
 4. Short delay Slow roll-off filter
 5. Super Slow roll-off Mode

Safe use only under
elevation 2000m.Safe use only in the non-
tropical climate conditions.

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