S.M.S.L

D-6

使用说明书

HIGH RESOLUTION USB DAC

Ver 1.0

安全注意事项

- 请将本音响系统安装在通风良好、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良好品质，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。

产品特点

- 迷你尺寸设计,非常适合桌面使用;

- CNC一体化铣削工艺,简约时尚;

- 采用第二代异步XMOS方案支持到32位768kHz和DSD512;

- 日本超低相噪时钟,大幅降低系统JITTER;

- 两片AKM新款AK4493S,并且精心调校使其达到了前所未有的0.00011%;

- 最新蓝牙支持LDAC,APTX/HD,SBC,AAC!

- 内置高性能电源过滤系统!

- 阳极氧化CNC铝合金外壳;

- 日本电子音频协会Hi-Res认证;

- 全功能遥控。

技术参数

输入接口	USB / 光纤 / 同轴 / 蓝牙
输出接口	RCA / TRS

输出电平
- TRS .... 4.0 Vrms
- RCA .... 2.0 Vrms

THD+N
- 不计权 .... 0.00011%(118.5dB)
- A计权 .... 0.00010%(119.5dB)

动态范围
- TRS 123dB
- RCA 120dB

信噪比
- TRS 122dB
- RCA 119dB

USB传输方式...异步传输

USB兼容性..Windows 7 / 8 / 8.1 / 10
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 ....32kHz~192kHz

消耗功率... 2W

待机功耗...<0.1W

体积.. 130x32x148mm (WxHxD)

重量... 450g

规格时有变更,恕不另行通知。

温馨提示

固件及驱动下载:

http://www.smsl-audio.com/cn/download.asp

关于遥控器

- 如果遥控器距离本机很近时操作仍无效，请用新电池更换。
- 如果要长时间不使用遥控器，请取出遥控器的电池。
- 按照电池处置的地方性法规处置废旧电池。

遥控器的使用

开关机
向上
进入菜单/确认
进入二级菜单
返回
向下
输入选择
静音
蓝牙快捷键
音量加
音量减

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RC-8C
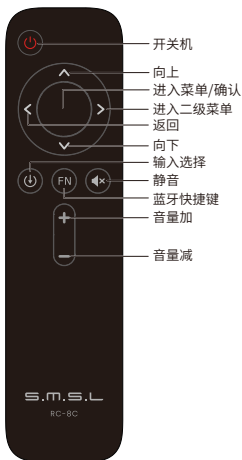
注 意

遥控器请使用2节7号(AAA)电池

使用遥控器上的静音按键操作，当静音时，如果显示没有处于关闭状态，显示屏则会闪烁音量的值。再次按下 MUTE 按键或调节音量则取消静音。

部件介绍
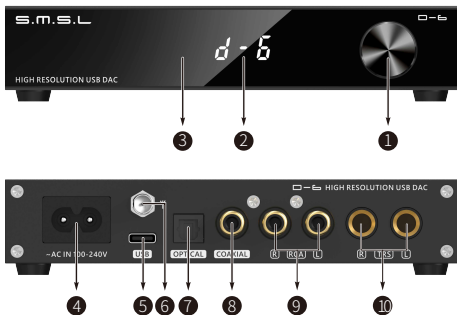
1 旋钮	2 显示屏	3 红外线接收窗
4 电源输入	5 USB输入	6 蓝牙天线
7 光纤输入	8 同轴输入	9 RCA输出
10 TRS输出		

操作说明

主界面

- 开机时,本机会显示 **d-6** 意思为 D-6 的意思。

- 开机后,本机会依次显示2秒的 **d-6**,音量和当前采样率。

- 在没有输入信号或者采样率超出本机范围时,显示屏显示 **---**。

- 在切换输入时会显示USB **USb**,蓝牙 **bt**,光纤 **OPt**,同轴 **COA**。

- 在切换前级模式时会显示前级模式 **Pr1**,固定音量模式 **Pr0**,
  DSD直通模式 **Prd**。

- 在设置音色时,设置范围是 **SC1** ~ **SC4**。

- 在设置滤波器选项时,显示范围是 **FL1** ~ **FL6**。

- 在设置亮度时,显示范围是 **bL1** ~ **bL8**。

- 在调节音量时,显示音量大小,范围是 **00** ~ **60**。

- 在播放DSD文件时显示为 **64** 为DSD64, **128** 为DSD128,
  256 为DSD256, **512** 为DSD512。

功能介绍

■ PCM滤波器设定

使用遥控器上的PCM滤波器切换按键对6种滤波器进行切换。

- FL1（Sharp Roll-off filter 陡峭滚降）

- FL2（Slow Roll-off filter 缓慢滚降）

- FL3（Short Delay Sharp Roll-off filter 短延时陡峭滚降）

- FL4（Short Delay Slow Roll-off filter 短延时缓慢滚降）

- FL5（Super Slow Roll-off filter 超低延时缓慢滚降）

- FL6（Low Dispersion Short Delay filter 短延时）

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USER MANUAL

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d-6

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Safety Notes

- Install this unit in a well ventilated, cool, dry, clean place-away from direct sunlight, heat sources, vibration, dust, moisture, or cold..

- Use the voltage specified on this unit Only. Using this unit with a higher voltage than specified is dangerous and may cause fire , damage to this unit, or personal injury. Our company will not be held responsible for any damage resulting from the use of this unit with a voltage other than that specified.

- Do not attempt to modify or fix this unit by yourself. Contact alesperson or customer service when any service is needed. The cabinet should never be opened for any reason.

- When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the power cable from the AC wall outlet.

Important note:
The product specifications and information mentioned in this manual are for reference only. The content of this manual is subject to change without notice.

Warranty Terms

1.The Term of Service
Foshan Shuangmusanlin Technology Co., Ltd promises to offer good-quality products. If the product is broken in 7 days after purchasing when you use it normally, you can choose to send it back for return, replacement or repairing (only the product does not affect the second sales can be returned). Repairing for free in one year if you use it normally.

2.Date of purchase is in accordance with the date on invoice or receipt uesd by seller, and if you buy it on line, you can show the screenshot of trade.

3.If an inappropriate usage causes the unit damaged, the warranty will be void. As below.
- All damages by inappropriate use, including using it under non-normal working environment or without following the instructions.
- Dismantling, refitting, repairing by user in private.
- Causing damage by using some fittings instead of the designative or accredited ones.
- Cannot provide credible proof of purchase.

4.Sending it back to our company for repairing.

5.Contact your S.M.S.L Audio reseller for a return or replacement.

Features

- Mini size design, very suitable for desktop use;

- CNC integrated milling process, simple and stylish;

- The second-generation XMOS solution supports sampling rate up to 32bit/768KHz and DSD512 ;

- Japanese ultra-low phase noise clocks, greatly reducing the system JITTER ;

- AKM's new AK4493 chip, and carefully adjusted it to an unprecedented 0.00011% ;

- The latest Bluetooth supports LDAC, APTX/HD, SBC, AAC!

- Built-in high-performance power filtering system!

- Anodized CNC aluminum alloy housing ;

- Japan Electronics Association Hi-Res Audio certification ;

- Full-featured remote control .

Specifications

Input ....USB / Optical / Coaxial / Bluetooth
Output ....RCA / TRS
Output Level
    TRS 4.0Vrms
    RCA 2.0Vrms
THD+N
    Unweighted...0.00011%(118.5dB)
    A-weighted...0.00010%(119.5dB)
Dynamic range
    TRS 123dB
    RCA 120dB
SNR
    TRS 122dB
    RCA 119dB
USB Transmission .... Asynchronous
USB compatibility ....Windows 7 / 8 / 8.1 / 10
                                          Mac OS X10.6 or above / Linux
Bit depth
    USB ....1bit ~ 32bit
    Optical/coaxial ....16bit ~ 24bit
Sampling rate
    USB .... PCM   44.1 ~ 768kHz
                                  DSD   2.28224 ~ 22.5792MHz
    Optical/coaxial ....32kHz ~ 192kHz
Power Consumption 2W
Standby power ....＜0.1W
Size ....130x32x148mm(WxHxD)
Weight 450g

Specifications are subject to change without notice.
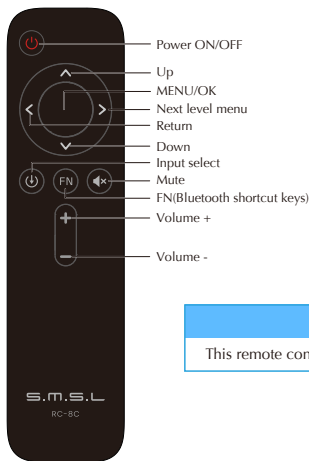
Note

Firmware and driver download:
http://www.smsl-audio.com/cn/download.asp

Remote control

- Install 2 x AAA batteries as instructions.

- When using the remote control, point it toward the remote con-trol signal receiver on the main unit from a distance of 5 m (16 ft) or less. Do not place obstructions between the main unit and the remote control.

- The remote control might not work if the remote control signal receiver on the unit is exposed to direct sunlight or bright light. If this occurs, try moving the unit. Beware that use of this remote control could cause the unin-tentional operation of other devices that can be controlled by infra.
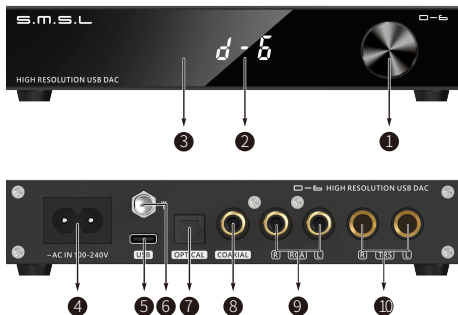
Operating the remote control

Power ON/OFF

Up

MENU/OK

Next level menu

Return

Down

Input select

Mute

FN(Bluetooth shortcut keys)

Volume +

Volume -

S.M.S.L

RC-8C

Note

This remote controller use 2 x R03/AAA batteries.

Display Interface and Instructions

1 Knob	**2** Display	**3** Remote window
4 AC IN	**5** USB input	**6** Bluetooth antenna
7 Optical input	**8** Coaxial input	**9** RCA output
10 TRS output		

Operation

Users interface

- The display will show **d - 6** when it's turned on.

- It will separately show 2s **d - 6** , volume and current sampling rate.

- The display will show **- - -** if there is no input signal or the sampling rate is beyond the range.

- It will show **USb** , **bt** , **OPt** , and **COA** when switching the inputs.

- It will display pre-mode **Pr1** , fixed volume mode **Pr0** , DSD pass-through mode **Prd** ,When switching the pre-modes.

- When setting the tone, the setting range is **SC1** - **SC4**

- The filters range is **FL1** - **FL6**

- The brightness range is **bL1** - **bL8**

- The volume range is **00** - **60**

- It will display **64** representing DSD64, **128** for DSD128, **256** for DSD256, **512** for DSD512 when playing DSD file.

Instructions

■ PCM filters settings

There are 6 settings of PCM filters:

- FL1 (Sharp Roll-off filter)

- FL2 (Slow Roll-off filter)

- FL3 (Short Delay Sharp Roll-off filter)

- FL4 (Short Delay Slow Roll-off filter)

- FL5 (Super Slow Roll-off filter)

- FL6 (Low Dispersion Short Delay filter)