

S.M.S.L



m200

使用说明书

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

提示

- 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。
- 本机的上面，请不要放置下列物品：
 - 其他装置。因为这样有可能导致损坏或导致本机表面变色。
 - 可燃物品（例如蜡烛）。因为这样有可能导致火灾而损坏本机或造成人身伤害。
 - 装有液体的容器。因为有可能容器颠倒，液体流淌的可能，如此有可能导致用户触电或损坏本机。
- 不要在本机上面覆盖报纸，台布，窗帘等，以免妨碍散热。如果本机内部温度过高，则有可能导致火灾，损坏本机或造成人身伤害。
在使用开关，旋钮或缆线时，不要用力过猛。
- 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双木三林将不负任何责任。
- 不要试图自行改造或修理本机。如果需要任何服务，请就近与有资格的双木三林维修人员联系。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。
- 为了加强对于本产品的保护，在雷电期间，或无人管理时以及长时间不使用时，请将电源线从墙壁上的电源插座上拔下。这样将防止该产品在闪电和电网出现电涌时受到损害。

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。

产品特点

- 全新系列的外观设计!
- DAC使用AKM公司的旗舰音频解码芯片AK4497, 配合精心设计的电路, 使其性能达到前所未有的0.00015% (-116dB) 的失真度!
- 第二代 XMOS方案, PCM采样率最高支持32bit/768kHz, DSD支持到DSD512, 独家定制支持Native DSD的驱动程序。
- 最新的高通(原CSR)蓝牙方案, 支持UAT/LDAC/aptX-HD/AAC/SBC等编码格式和最高24bit/192kHz的音频!
- 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。
- 内置高性能电源净化系统, 为DAC和LPF提供充足且低噪声的电源。
- 使用大量的音频专用发烧级低噪声电阻电容。
- 全平衡设计, 并具备真正平衡输出。
- 配备全功能遥控。
- 大型的LED显示屏, 便于远距离操作!
- 全铝合金CNC精密加工机壳有效减少干扰。
- 配备低噪声电源适配器。

技术参数

输入接口	USB、光纤、同轴、蓝牙
输出电平.....	RCA 2Vrms
	XLR 4.1Vrms
THD+N(不计权).....	0.00015% (-116dB)
动态范围(A计权).....	RCA 123dB
	XLR 125dB
信噪比(A计权).....	125dB
蓝牙规格:	
UAT	24bit/192kHz_1200kbps (-1200kbps/900kbps/600kbps)
LDAC	24bit/96kHz_990kbps (-990kbps/660kbps/330kbps)
aptX-HD	24bit/48 kHz_576kbps
aptX	16bit/44.1 kHz_352kbps
SBC	16bit/44.1 kHz_328kbps
AAC	16bit/44.1 kHz_320kbps
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.....	44.1kHz~768kHz
	DSD64, DSD128, DSD256, DSD512
光纤/同轴	32~192kHz
消耗功率.....	3.5W
待机功耗.....	<0.1W
体积.....	160 × 43 × 168mm(W × H × D)
单机重量.....	0.68Kg
包装重量.....	1.25Kg

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。

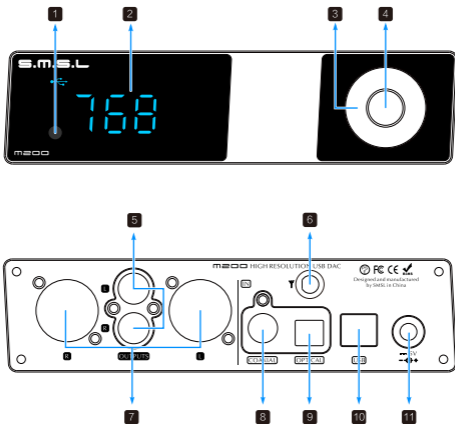
遥控器的使用



注意

1. 遥控器请使用2节7号(AAA)电池
2. 第一次操作M200时，先按 C 键

显示界面和操作介绍



1 红外遥控接收窗

2 显示屏

3 旋钮

4 电源/功能按键

5 线路输出

6 蓝牙天线

7 平衡输出

8 同轴输入

9 光纤输入

10 USB输入

11 电源输入(DC5V)

操作说明

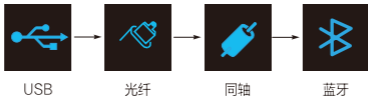
1. 电源/输入按键

- 长按“电源/功能”键关机（关机时红色指示灯亮），再短按一下后开机（开机时红色指示灯熄灭）。
- 短按“电源/功能”键，输入源在USB、光纤、同轴、蓝牙之间切换。
- 连续短按“电源/功能”键两次（双击），进入功能菜单选择设置。当进入功能菜单选择时，再短按按键或者旋转旋钮进行对应选项选择。

注* 使用双击功能需在1秒内完成。在不同输入源间切换选择时，每切换了一次需间隔两秒再按“电源/功能”按键切换。

2. 输入选择

- 开机时会显示 **200** 意思为M200。
- 在没有输入信号或者采样率超出本机范围，显示屏会显示 **---**。
- 在切换输入会显示
(按遥控器“输入选择”键或者短按“电源功能”键进行输入源选择操作)



- 在调节音量时，显示音量大小。范围是 **-00** 最大，**-40** 最小。
- 在静音时，会闪烁显示当前音量。

注* 当播放歌曲为DSD格式时显示 **DSD**

蓝牙使用方法:

1. **连接:** 将输入源切换到蓝牙，打开手机蓝牙功能，搜索“**SMSL HDBT**”，搜索到后点击配对连接，当手机显示“已连接”则已连接成功；
2. **清除配对:** 长按遥控器“输入选择”按键。

操作说明

3. 功能菜单操作说明：

- 使用遥控器“进入菜单/确认”键与机器上的旋钮与按键可以进入PCM滤波器、音色、显示亮度的调节。
- 操作范例（使用音色2）：
 - a. 遥控器操作：按遥控器“进入菜单/确认”键进入菜单→再按三下“进入菜单/确认”键进入音色选项菜单→再按“音量加/向上”键，选择“SC2”→最后按一下“退出菜单”键完成操作。
 - b. 使用机器上的按键与旋钮操作：连续短按“电源/功能”键两次(双击)进入菜单→短按三次“电源/功能”键进入音色选项菜单→旋转旋钮选择“SC2”→连续短按“电源/功能”键两次(双击)退出菜单。

4. 功能菜单介绍：

6种PCM滤波器

- **FL1** (Sharp Roll-off Filter 快速滚降)
- **FL2** (Slow Roll-off Filter 慢速滚降)
- **FL3** (Short Delay sharp Roll-off Filter 短延时快速滚降)
- **FL4** (Short Delay Slow Roll-off Filter 短延时慢速滚降)
- **FL5** (Super Slow Roll-off Filter 超级慢速滚降)
- **FL6** (Low Dispersion Short Delay Filter 低分散短延时)

DSD FILTER (DSD滤波器)

- **dF1** (DSD滤波器1)
- **dF2** (DSD滤波器2)

DSD Volume Bypass (DSD音量直通控制)

- **dP0** Normal Path (DSD音量正常控制)
- **dP1** Volume Bypass (DSD音量直通)

3种音色

- **SC1** (音色1)
- **SC2** (音色2)
- **SC3** (音色3)

3种亮度

- **bL1** (亮度1)
- **bL2** (亮度2)
- **bL3** (亮度3)

恢复出厂设置

机器在未通电状态下，按住开机键再通电，直到显示屏显示文字之后，松开按键。

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

- 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；
- 用户私自拆机、改装、维修；
- 使用非指定或许可的配件造成损坏的；
- 机身的QC或保修贴损毁；
- 不能出示有效购机凭证；
- 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



m200

USER MANUAL

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

TIPS

- Install this unit in a well ventilated, cool, dry, clean place-away from direct sunlight, heat sources, vibration, dust, moisture, or cold.
- On the top of this unit, do NOT place:
 - Other components, as they may cause damage or discoloration on the surface of this unit.
 - Combustible (i.e. candles) , as they may cause fire , damage to this unit , or personal injury.
 - Containers with liquid in them, as they may fall and the liquid may cause electrical shock to the user or damage to this unit.
- Do not cover this unit with a newspaper, tablecloth, curtain , etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, or personal injury.
- 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. SMSL 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 qualified SMSL service personnel when anyservice 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.
- For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

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.

Features

- Exterior design of the new series.
- The unit uses AKM's flagship DAC chip the AK4497, with a well-designed circuit that delivers an unprecedented 0.00015% (-116dB) distortion!
- The 2nd XMOS solution, PCM supports up to 32bit/768kHz, and DSD supports up to DSD512, custom driver for Native DSD.
- The latest Qualcomm (original CSR) Bluetooth solution supports UAT / LDAC / aptX-HD / AAC / SBC and other encoding formats and audio up to 24bit / 192kHz!
- The clock system uses 2 independent ultra-low clock jitter and phase noise crystal as the audio clock.
- Built-in power purification system supplying very low noise power for DAC and LPF circuits.
- Lots of audio grade components, include low-noise resistors, Hi-End OPAs, Gold-plated jacks.
- Equipped with full-featured remote control.
- With volume adjustment function, it can be used as a pre amplifier.
- Full-balanced design, it featured with pure balance output.
- Large LED display, convenient for remote operation.
- The all-aluminum CNC precise chassis to reduce magnetic noise.
- Equipped with low noise power adapter.

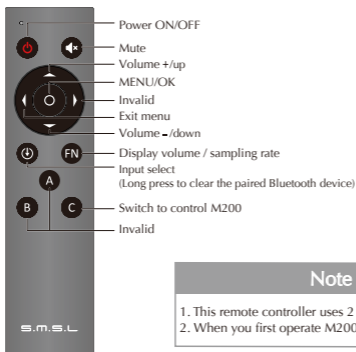
Specification

Inputs	USB / Optical / Coaxial / Bluetooth
Output Level.....	RCA 2Vrms
	XLR 4.1Vrms
THD+N(UN-WTD).....	0.00015% (-116dB)
Dynamic range (A-WTD).....	RCA 123dB
	XLR 125dB
SNR (A-WTD).....	125dB
Bluetooth:	
UAT	24bit/192kHz_1200kbps (-1200kbps/900kbps/600kbps)
LDAC	24bit/96kHz_990kbps (-990kbps/660kbps/330kbps)
aptX-HD	24bit/48kHz_576kbps
aptX	16bit/44.1kHz_352kbps
SBC	16bit/44.1kHz_328kbps
AAC	16bit/44.1kHz_320kbps
USB transmission	Asynchronous
USB compatibility	Windows 7 / 8 / 8.1 / 10
	Mac OS X10.6 or Later / Linux
Bit depth	
USB	1bit ~ 32bit
Optical/coaxial	16bit ~ 24bit
Sampling rate:	
USB	44.1 ~ 768kHz
	DSD64, DSD128, DSD256, DSD512
Optical/coaxial	32 ~ 192kHz
Power Consumption	3.5W
Standby power	<0.1W
Size	160×43×168mm(W×H×D)
Weight	0.68Kg
Package weight	1.25Kg

Remote Control

- Install 2 x AAA batteries as instructions.
- When using the remote control, point it toward the remote control 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 unintentional operation of other devices that can be controlled by infra.

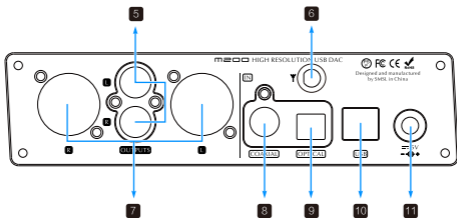
Operating the remote control



Note

1. This remote controller uses 2 x R03/AAA batteries.
2. When you first operate M200, press the C key first.

Interface



- | | |
|---------------------|-----------------------|
| 1 Remote window | 7 Balanced output |
| 2 Display | 8 Coaxial input |
| 3 Knob | 9 Optical input |
| 4 Power / function | 10 USB input |
| 5 RCA output | 11 Power Supply(DC5V) |
| 6 Bluetooth antenna | |

Operations

1. Power / input Key

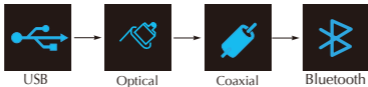
- Hold the "Power / Function" key to shut down (the red indicator lights up when the power is OFF), and then press it again to turn it on (the red indicator turns off when the power is ON).
- Press "Power / Function", the input mode will be switched between USB, Optical, coaxial and Bluetooth.
- Short press the "Power / Function" key twice (double-click) to enter into the function menu and select settings. When entering the function menu selection, short press the button or turn the knob to select the corresponding option.

Note: Use of the double-click function needs to be completed within 1 second.

When switching between different input source, it is necessary to switch between two seconds before pressing the "Power / Function" button.

2. INPUT SELECTION

- When it is turned on, it will show **200**.
- The display shows **---** when there is no input signal or the sampling rate exceed the range of the unit.
- When switching input will be displayed (Press the "Input Select" key on the remote control or press the "Power Function" key for input selection)



- When adjusting the volume, the volume is displayed. The range is **-00** maximum and **-40** minimum.
- When muted, the current volume flashes.

Note: when playing music is DSD format, it will display **DSD**.

How to use Bluetooth:

- 1. Connect:** Switch the input to Bluetooth, turn on the Bluetooth function of the phone, search for "SMSL HDBT", click the pairing connection after searching, when the phone displays "connected", the connection is successful;
- 2. Clear pairing:** Hold the "input selection" key on the remote control.

Operations

3.Function menu operation instructions

- Use the "MENU / OK" key on the remote control and the knobs and buttons on the unit to enter the PCM filter, sound color, and display brightness adjustment.
- Operation example (Sound color 2):
 - a. Remote control operation: Press the "MENU /OK" key on the remote control to enter the menu → press the "MENU / OK" key three times to enter the sound color options menu→press the "Volume + / Up" key, select "SC2"→ finally press the "Exit menu" key to exit menu.
 - b. Use the keys and knobs on the item: Short press the "Power / Function" key twice (double-click) to enter the menu → short press the "Power / Function" key three times to enter the sound color menu → turn the knob to select "SC2" →finally press the "Power / Function" key twice (double-click) to exit menu.

4.Function menu instructions

There are 6 types of PCM filter.

- **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 Shot Delay Filter)

DSD FILTER

- **dF1** DSD FILTER 1
- **dF2** DSD FILTER 2

DSD Volume Bypass

- **dP0** Normal Path
- **dP1** Volume Bypass

Sound Color

- **SC1** Sound Color 1
- **SC2** Sound Color 2
- **SC3** Sound Color 3

Brightness

- **bL1** Brightness 1
- **bL2** Brightness 2
- **bL3** Brightness 3

Factory Reset

Connect the power cord when pressing the power button, until screen shows text.

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 used 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.