

S.M.S.L



SH-8

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。因为有容器反倒，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。
- 请务必使用本机附带的AC适配器。使用附带的AC适配器以外的适配器可能导致火灾或损害本机。
- 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。

## 技术参数

输入接口 .....	非平衡(RCA) x 1, 平衡(XLR) x 1
输出接口 .....	6.35mm耳机接口, 平衡耳机接口
非平衡耳机 .....	平衡耳机 .....
32Ω 420mW	32Ω 655mW
64Ω 377mW	64Ω 835mW
150Ω 190mW	150Ω 717mW
300Ω 100mW	300Ω 400mW
600Ω 51mW	600Ω 205mW
THD+N .....	THD+N .....
0.0009%	0.001%
信噪比 .....	信噪比 .....
107dB	109dB
消耗功率 .....	3.5W
待机功率 .....	< 0.1W
体积.....	185x40x125 (WxHxD)
重量.....	1.0kg

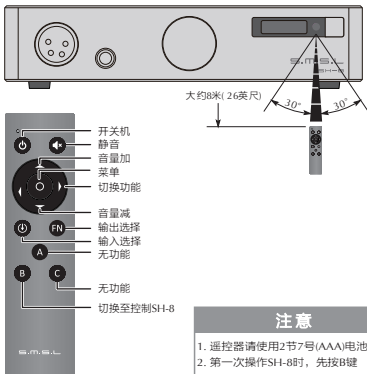
## 产品特点

- 最新设计的专利分立元件输出级电路,失真极低,整机失真低至0.001%,输出电流较以往更大。
- 全平衡电路设计,使用电子音量,确保左右声道输出一致。
- 使用超低失真的运放作信号放大。
- 使用顶级音频电容作耦合,并且经过严格筛选。
- 专业的静音电路设计,更好的保护的耳机。
- 内置SMSL SDB专利音效和高/低音调节菜单,满足你对发烧的追求。
- 使用线性电源供电,全铝合金CNC加工外壳,有效降低干扰和噪声。
- OLED显示屏和人性化操作系统简单易懂,可使用SMSL系列遥控器进行远距离操作。

## 关于遥控器

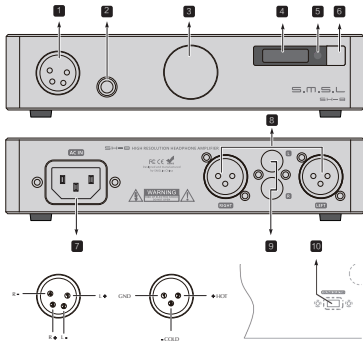
- 如果遥控器距离本机很近时操作仍无效，请用新电池更换。
- 如果要长时间不使用遥控器，请取出遥控器的电池。
- 按照电池处置的地方性法规处置废旧电池。

## 遥控器使用工作范围



注：本机具备遥控功能，但遥控器未包含在内，需要的用户可以自行购买！

## 显示界面和操作介绍



- |                               |                    |                     |
|-------------------------------|--------------------|---------------------|
| <b>1</b> 平衡耳机输出口              | <b>2</b> 非平衡耳机输出口  | <b>3</b> 旋钮         |
| <b>4</b> 显示屏                  | <b>5</b> 红外遥控接收窗   | <b>6</b> 功能按键       |
| <b>7</b> 电源输入                 | <b>8</b> 平衡输入(XLR) | <b>9</b> 非平衡输入(RCA) |
| <b>10</b> 电压选择开关 <sup>注</sup> |                    |                     |

注：

这个开关在出厂前已经设置好，在确定你使用的电压前，请勿改变此开关设定！否则会导致本机损坏甚至导致火灾！

## 菜单界面介绍和操作

### 操作说明

#### 按键

短按：进入菜单和菜单页面切换

长按：开关机和退出菜单

#### 旋钮

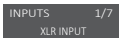
菜单外：音量控制

菜单内：菜单项的控制



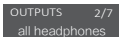
有7页的设置，屏幕如下图所示。

- ❶ 菜单名称
- ❷ 菜单页码
- ❸ 菜单内容



#### 输入菜单：

- RCA INPUT（非平衡输入）
- XLR INPUT（平衡输入）



#### 输出菜单：

- all headphones（平衡耳机口和非平衡耳机口同时输出）<sup>注</sup>
- balanced hp（平衡耳机口输出）
- 6.35mm out（非平衡耳机输出）

注：此选项为两个输出接口同时输出，只是为了方便使用，为了达到最佳效果并不建议两个接口同时连接耳机。

EQ MODE 3/7  
Direct

#### EQ菜单:

- Direct (直通)
- SDB (SMSL专利音效)
- Tone (自定义)

注: SDB音效与自定义音效无法叠加。

TREBLE 4/7  
0dB

#### 高音调节范围: -10dB~10dB

注: 当EQ处于直通或SDB状态时, 调节高音EQ模式会自动切换到Tone的状态。

BASS 5/7  
0dB

#### 低音调节范围: -10dB~10dB

注: 当EQ处于直通或SDB状态时, 调节低音EQ模式会自动切换到Tone的状态。

DISP MODE 6/7  
Inputs

#### 主界面显示菜单:

- Inputs (输入)
- Volume (音量)

DIMMER 7/7  
Auto Display Off

#### 亮度调节:

- Auto Display off  
(5秒后自动息屏, 任何操作点亮)
- Brightness 1(低亮度)
- Brightness 2(中亮度)
- Brightness 3(高亮度)
- Brightness 4(超高亮度)



## 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logo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，多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**



**SH-8**

**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.
- Be sure to use the AC adaptor supplied with this unit. Using an AC adaptor other than the one provided may cause fire or damage to this unit.
- 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.

## Specification

Input interface .....Unbalanced (RCA) x 1, Balanced (XLR) x 1

Output interface .....6.35mm headphone jack, balanced headphone jack

Unbalanced headphones

Balanced headphones

.....32Ω 420mW

.....32Ω 655mW

64Ω 377mW

64Ω 835mW

150Ω 190mW

150Ω 717mW

300Ω 100mW

300Ω 400mW

600Ω 51mW

600Ω 205mW

THD+N .....0.0009%

THD+N .....0.001%

SNR .....107dB

SNR .....109dB

Power Consumption .....3.5W

Standby power ..... < 0.1W

Size .....185x40x125 (WxHxD)

Weight .....1.0kg

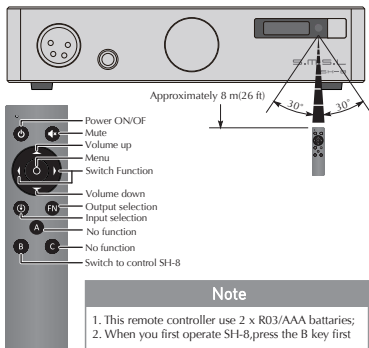
## Features

- The newly designed discrete output stage circuit has ultra low distortion, as low as 0.001%, and the output current is larger than before.
- A fully balanced circuit design from inputs to outputs.
- Use electronic volume control to ensure the volume level are the same for left and right channel.
- Use lots of audio grade component and HIFI coupling capacitors.
- Popless mute circuit and protection circuit, for the health of headphones.
- Built-in tone control function and SDB EQ mode, easily adapt your headphones.
- Powered by a linear power supply, the all-aluminum CNC milling chassis to reduce magnetic noise.
- The OLED display and user-friendly operating system are easy to understand and can be operated by remote controller of SU-8.

## 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.

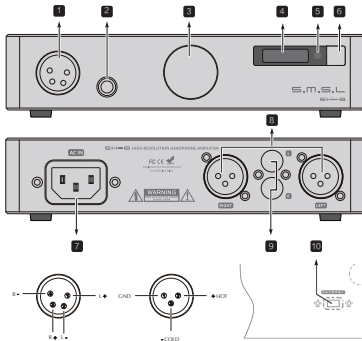
## Operating range of the remote control



### IMPORTANT NOTE:

The SH-8 has remote control function, but the remote controller is not included, the users can purchase it from our dealer.

## Display Interface and Instructions



- 1** Balanced headphone jack
- 2** 6.35mm headphone jack
- 3** Knob
- 4** Display
- 5** Remote window
- 6** Button
- 7** Power input
- 8** Balanced input (XLR)
- 9** Unbalanced input (RCA)
- 10** Voltage Selector<sup>(Note)</sup>

### Note:

This Voltage Selector has been preset before leaving the factory! **DO NOT** change it before you confirm you mains AC voltage, or it will cause damage to the unit or fire.

## Display Interface and Instructions

### Instructions

#### BUTTON

Short press : Menu Switch

Long press : Power ON/OFF and quit menu

#### KNOB

Outside the menu : Volume control

In the menu : Control of menu items



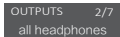
There are 7 pages of settings in this menu.

- A** Current page name
- B** Current page position
- C** Current page settings



#### Input menu:

- RCA INPUT
- XLR INPUT



#### Output menu:

- all headphones  
(Both jacks output together)<sup>Note</sup>
- balanced hp
- 6.35mm out

Note: This option is output for both output interfaces at the same time, just for convenience. For best performance, it is not recommended to connect the two headphones at the same time.



EQ MODE 3/7  
Direct

**EQ menu:**

- Direct
- SDB
- Tone

Note: SDB sound effects and custom sound effects cannot be superimposed.

TREBLE 4/7  
0dB

**Treble adjustment range:** -10dB~10dB

Note: When the EQ mode is Direct or SDB, changing the Treble will change the EQ to Tone mode.

BASS 5/7  
0dB

**Bass adjustment range:** -10dB~10dB

Note: When the EQ mode is Direct or SDB, changing the Bass will change the EQ to Tone mode.

DISP MODE 6/7  
Inputs

**Main interface display menu:**

- Inputs
- Volume

DIMMER 7/7  
Auto Display Off

**Dimmer:**

- Auto Display off  
(In this mode display will turn off in 5 seconds and will turn on by any operations)
- Brightness 1
- Brightness 2
- Brightness 3
- Brightness 4

## Factory Reset

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

## Warranty Terms

### 1. The term of service

Foshan Shuangmusanlin Technology Co., Ltd promise good quality products. If the product is defective by normal use within 7 days after purchasing, the customer can chose to send it back for returning or repairing (only the product does not affect the secondary sales can be returned). Faulty for free within one year warranty normal use.

2. Date of purchase is in accordance with the date on invoice or receipt used by seller, on line shopping can show the screenshot of trade.

### 3. Following situation can not enjoy 'Three Guarantees' service:

- All damages by human factors, including use it under non-normal working environment the and not follow manual in structions.
- User privately disassemble, modification, maintenance;
- Using non-designated or approved accessories causes damage;
- QC warranty stickers damage on cabinet;
- Can not provide avalid purchasing prove;
- Not belong to SMSL products.

### 4. How to guarantee

These terms only suitable for China mainland, other region please refer to the policy of the local sales agents and nations.