S.M.S.L

Sanskrit 10th

使用说明书

佛山双木三林科技有限公司

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。因为这样有可能会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。

- 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

- 超小型设计，并且支持多种放置方式；

- 采用第二代异步XMOS方案支持到32位768kHz和DSD512；

- 2颗日本超低相噪时钟，大幅降低系统JITTER；

- AKM新款AK4493，并且精心调校使其达到了前所未有的0.0002%；

- 内置重力加速度传感器，自动旋转和切换显示！

- 内置高性能电源过滤系统，使其仅使用一个USB接口供电就可以达到最佳性能！

- 阳极氧化CNC铝合金外壳；
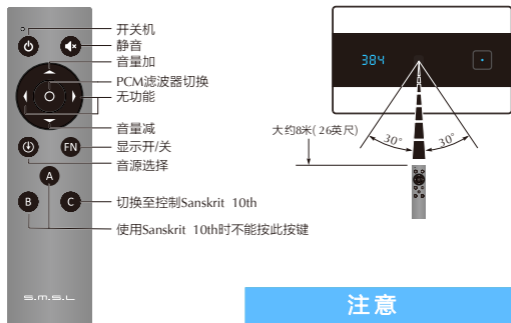
- 日本电子音频协会Hi-Res认证；

- 全功能遥控。

技术参数

输入接口 ....USB、光纤、同轴

输出电平...2.2Vrms

THD+N.. 0.0002%

动态范围...118dB

信噪比...120dB

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...75x45x144 (WxHxD)

重量...320g

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
静音
音量加
PCM滤波器切换
无功能

音量减
显示开/关
音源选择

切换至控制Sanskrit 10th

使用Sanskrit 10th时不能按此按键

大约8米(26英尺)

30°   30°

注 意

1. 遥控器请使用2节7号(AAA)电池
2. 第一次操作Sanskrit 10th时，先按C键

产品特点
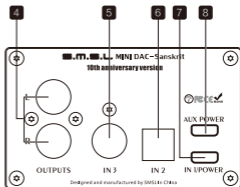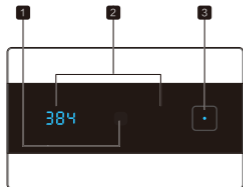
- **1** 红外遥控接收窗
- **2** 显示屏(自动切换)
- **3** 电源 / 输入选择按键
- **4** 音频输出
- **5** 同轴输入
- **6** 光纤输入
- **7** USB输入
- **8** 辅助电源输入[注]

注:
1. 此电源是辅助使用，内部与USB的电源连接在一起，当使用手机连接本机时，必须在这个接口连接一个5V的电源，以防止手机供电不足对手机造成伤害！
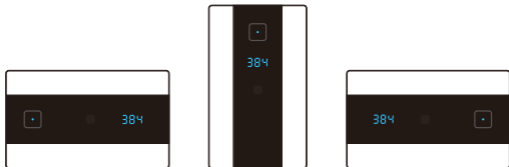
2. 不能使用快速充电器连接此接口，因为有些快速充电器可能会有高于5V的电压输出。

操作说明

1. 电源 / 输入按键

　　1）长按"电源/输入"键关闭电源，短按打开电源。

　　2）短按"电源/输入"键切换输入源，输入会在"USB，光纤，同轴"之间切换，
　　　　在显示屏上的显示为"in1，in2，in3"

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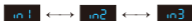
2. 旋转显示

　　Sanskrit 10th 的设计宗旨是占用桌面空间的最小化，它有三种摆放模式如下图示，在这三种摆放模式中，因为它内置了数字加速度传感器，因此它会自动转换显示屏的方向。

注意：Sanskrit 10th 必须被水平放置，否则显示可能无法正常工作!

3. 关闭显示

　　Sanskrit 10th 具备显示关闭的模式，这样可以使用户在没有光干扰的情况下更好的享受音乐!

　　1）使用遥控器上的"FN"按键控制本功能的开启或关闭。

　　2）当显示关闭时，蓝色LED会自动亮亮。

　　3）当显示关闭时，任意操作，显示会自动点亮5s，然后再次关闭。

操作说明

4. 显示说明

1）开机时，本机会显示 `S 10` 意思为 Sanskrit 10th 的意思。

2）开机后，本机会依次显示2秒的 `S 10`，音量和当前采样率。

3）在没有输入信号或者采样率超出本机范围时，显示屏显示 `- - -`。

4）在切换输入时会显示 `in1`，`in2`，`in3`。

5）在调节音量时，显示音量大小，范围是 `-00`（最大）~ `-40`（最小）。

6) 在设置滤波器选项时，显示范围是 `FL1` ~ `FL6`。

5. 静音

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。

6. 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)
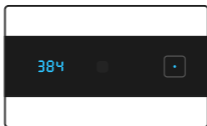
FL4（Short Delay Slow Roll-off filter 短延时缓慢滚降)

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

FL6（Low Dispersion Short Delay filter 短延时)

重力传感器校准

1.简介

    Sanskrit 10th 内置了重力传感器，因此本机可以实现自动屏幕旋转的功能，正常情况下，本机在出厂前已进行校准，用户无需自行校准，但某些情况下，因为运输或者其它原因可能会造成重力传感器的参数出现偏差影响用户正常使用，因此下面对如何自行校准进行说明。

校准时的摆放位置

2.校准重力传感器

- 将Sanskrit 10th 在置于水平位置即电源按键在右侧，并使本机处于待机状态；
- 长按电源按键5秒，显示屏会显示"CAL"，此时，系统开始自动校准；
- 耐心等待数秒，如果系统校准成功会显示"Suc"即英文Success(成功)的缩写，如果显示"FAL"则为校准失败，请确保本机处于水平位置，并且在校准过程中没有过大的抖动；
- 校准成功后即可开机正常使用，如果校准失败，请重复1~3的步骤重新校准一次，或者将电源线拔掉后静置几分钟后重试！

> **注**
> 在自动屏幕旋转功能被禁用后，本机的显示状态只限"按键在右"的显示状态。

禁用自动屏幕旋转功能与恢复出厂设置

- 使本机处于待机状态，并拔掉本机电源；
- 按住电源按键，之后再插上电源线；
- 直到出现"---"后松开电源键，然后显示屏会显示"OFF"，最后显示"020"，"020"是本机的软件版本号即V2.0，此时本机已恢复出厂设置。
- 要再次打开本功能，请重复1~3的步骤。
- 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，此时本机已恢复出厂设置。

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。

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Sanskrit 10th

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 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.

- 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

- Ultra-tiny shape design and supports a variety of placement ways ;

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

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

- AKM's new AK4493 chip, and carefully adjusted it to an unprecedented 0.0002% ;

- Built-in gravity sensor, automatically switches the screen !

- Built-in high-performance power filtering system, so that it can achieve the best performance using only one USB interface for power supply !

- Anodized CNC aluminum alloy housing ;

- Japan Electronics Association Hi-Res Audio certification ;
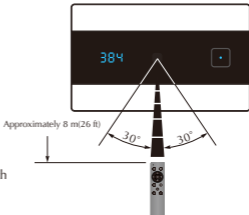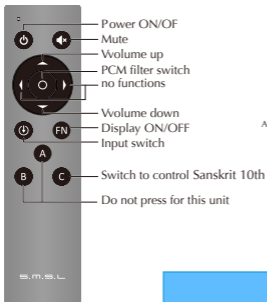
- Full-featured remote control .

Specifications

Input ....USB / Optical / Coaxial

Output Level...2.2Vrms

THD+N 0.0002%

Dynamic range 118dB

SNR 120dB

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 .... PCM   44.1 ~ 768kHz
DSD   2.28224 ~ 22.5792MHz
Optical/coaxial ....32kHz ~ 192kHz

Power Consumption 2W

Standby power ....＜0.1W

Size .... 75x45x144 (WxHxD)

Weight 320g

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/OF
Mute
Wolume up
PCM filter switch
no functions

Wolume down
Display ON/OFF
Input switch

Switch to control Sanskrit 10th

Do not press for this unit

S.M.S.L

Approximately 8 m(26 ft)

30°   30°

384

Note

1. This remote controller use 2 x R03/AAA batteries.
2. When you first operate Sanskrit 10th, press the C key first.

Parts Introduction
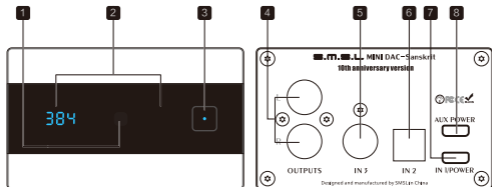
1 Remote Window 　　　　2 Display 　　　　3 POWER/INPUT KEY

4 Audio Outputs 　　　　5 Coaxial Input 　　　　6 Optical Input

7 USB Input 　　　　8 Aux Power Supply (see Note)

Note:
1. This is the Aux power input, when you use phones to connect the USB, you need to connect a 5V DC power for avoiding the phone overcurrent ;

2. You cannot use the Quick-Charge power for this connector, because of the Quick-Charge power may output over 5V, which is dangerous for this unit!

Instructions

1. POWER / INPUT KEY

1）Hold the key to switch power OFF,press the key to switch power ON.

2）Press the key to switch INPUTS between "USB, COAXIAL, OPTICAL" which display as "in1, in2, in3".

in1 ←→ in2 ←→ in3
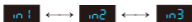
2. ROTATE THE UNIT

The Sanskrit 10th is designed for minimized desktop usage, which has 3 setup modes showed as below-in these modes, the display will rotate by itself because the Sanskrit 10th has built-in digital accelerometer, and it will sense the direction it is in.

Note: Sanskrit 10th must be placed horizontally, otherwise the display may not work properly！

3. TURN OFF THE DISPLAY

The Sanskrit 10th can be turned off the display for you to enjoy the music without light interfere.

1）Use the "FN" key of remote controller to switch on or off this function.

2）When the display is off, a blue LED will lit indicating this mode.

3）When in display-off mode, any operation will make display recovery for 5 seconds.

Instructions

4. DISPLAY INSTRUCTIONS

1) When starting up the unit, it will display `S 10`, which stands for Sanskrit 10th.

2) When starting up the unit, it will display 2 seconds of `S 10`, volume and current sampling rate in turn.

3) When there is no input signal or the sampling rate exceeds the range of the unit, it will display as `---`.

4) When switching inputs, `in1`, `in2`, `in3` it will display.

5) When adjusting the volume, the volume is displayed in the range of `-00` (max) ~ `-40` (min).

6) When setting the filters, the displayed range is `FL1` ~ `FL6`.

5. MUTING

1. Press the MUTE key of the remote controller, the unit will mute the audio output, and if the display is not OFF it will flash the volume on the display

2. Press the MUTE key again or adjust volume will cancel muting.

6. PCM FILTER SETTING

Using the PCM filter switch button on the remote control to switch 6 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）

Gravity sensor calibration

1. Introduction

The Sanskrit 10th has a built-in gravity sensor, so this unit can realize the function of automatic screen rotation. Normally, the unit has been calibrated before leaving the factory, users do not need to calibrate themselves, but in some cases, it may be caused by transportation or other reasons. The parameters of the gravity sensor will be changed, so the following describes how to calibrate it by yourself.
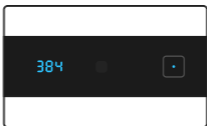
Placement during calibration（button on the right side）

2. Calibrating gravity sensor

- Put Sanskrit 10th in the horizontal position, which means, the power button is on the right side, and the unit is in the standby state;
- Press and hold the power button for 5 seconds, the display will show "CAL", at this time, the system will start automatic calibration;
- Wait patiently for a few seconds. If the system is successfully calibrated, it will display "Suc", which means success. If "FAL" is displayed, the calibration was failed. Please ensure that the unit is in the horizontal position and has not being shaken in the calibration process.
- After the calibration is successful, it can be turned on and used normally. If the calibration fails, please repeat the steps 1 ~ 3 to retry, or unplug the power cord and let the unit cool down for a few minutes and try again!

Note

After the automatic screen rotation function is cancelled, the display state of this unit is limited to the display state of "button on the right side".

Disable automatic screen rotation and factory reset

- Make the unit in standby mode and unplug the unit;
- Press and hold the power button, then plug in the power cord;
- Hold the power button until the "---" appears; then the display will show "OFF", and finally "020" will be displayed. "020" is the software version number of the unit, which is V2.0 . At this time, the unit has reset.
- To enable this function again, repeat steps 1 ~ 3.
- Connect the power cord when pressing the power button, until screen shows text. Release the button, and the item returns to the factory setting at this time.

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.