VMV

Model: A2

使用说明书 | USER MANUAL

本说明书的内容可能会随版本更改, 如有变动, 恕不另行通知
The contents of this manual may be changed with the edition,
and are subject to change without notice.

Ver 1.0

安全注意事项

注意：
为防电击，请勿打开机盖（或后盖）。
本机内部无使用者可以维修的部件。
请委托有资格的技术人员进行维修。

注 意
触电危险，请勿打开。

	等边三角形中有箭头闪电标号的图形表示警告使用者在产品内有非绝缘的"危险电压"，可能会对人体造成很大的电击危险。

	等边三角形中有感叹号的图形表示警告使用者该设备在操作与维护（维修）方面应严格按照所附设备说明书。

≤2000m	仅适用于海拔2000m以下地区安全使用。

注意：为了完全切断本机的电源，请从墙上插座中拔出插头。电源插头用于完全中断机器的电源供应。

特点

- 采用最新的DSP芯片搭配ST大功率放大器芯片,精心设计与调试,使其失真度低至0.0008%

- 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

- 超低音前级输出, 用于连接有源超低音音箱, 组成2.1音频系统;

- 内置多种EQ模式和高/低音调节功能,轻松匹配各种喇叭和音乐;

- 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!

- 全铝合金CNC加工工艺,采用阳极氧化技术,做工精细,触感一流;

- 彩色显示屏和人性化操作系统简单易懂,配备全功能遥控功能;

- 大量采用发烧级音频元件以提升主观听感;

- 高品质镀金输入、输出端子;

- 完善的过热,过流等保护电路;

- 音频专用的高品质电源。

目录

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技术参数

输入接口 ....USB、光纤、蓝牙、同轴、平衡数字、线路输入

THD+N 0.0008%

信噪比 115dB

通道分离度 108dB

输出功率...200Wx2(4Ω) / 100Wx2(8Ω)

超低音输出电平与截止频率...2Vrms/150Hz@-3dB

USB传输方式 .... 异步传输

USB兼容性 ....Windows 7 / 8 / 8.1 / 10, Mac OSX, Linux

位深	.... USB / I²S		1bit，16~32bit
	光纤 / 同轴 / AES		1bit，16~24bit
采样率		PCM	44.1~768kHz
		DSD	2.8224~22.5792MHz
	光纤/ 同轴 / AES	PCM	44.1~192kHz

蓝牙规格：

UAT 24bit/192kHz (1200kbps/900kbps/600kbps)

LDAC 24bit/96kHz (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

体积.. 280X43X255mm(WxHxD)

重量.. 2.6kg

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。

音量加
菜单
切换功能
音量减
输入选择
开关机
蓝牙
静音

Release

1. 找到位于遥控器背面的电池组件。

2.逆时针旋转电池仓盖，直到仓盖打开。

3.取出旧电池。

4. 使正极端向上朝向您自己，放入新的CR2032或
BR2032 3V纽扣锂电池(在大多数电子产品商店和杂货
店中有售)。
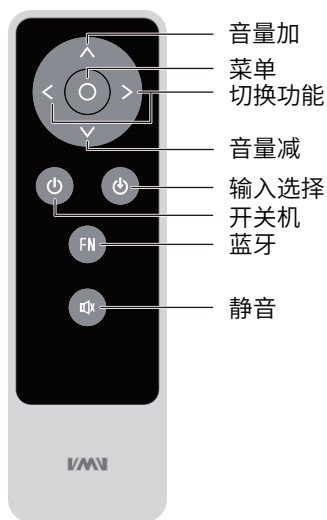
部件介绍

主机前面

1. 功能旋钮　　　　4. 输入源选择按键

2. 待机LED　　　　5. 红外接收窗

3. 显示屏　　　　　6. 蓝牙按键

*注:功能旋钮

　　旋钮:音量加减,菜单切换,功能选择

　　按键:短按,进入菜单,确认

　　　　　长按,退出菜单,开关机

主机背面
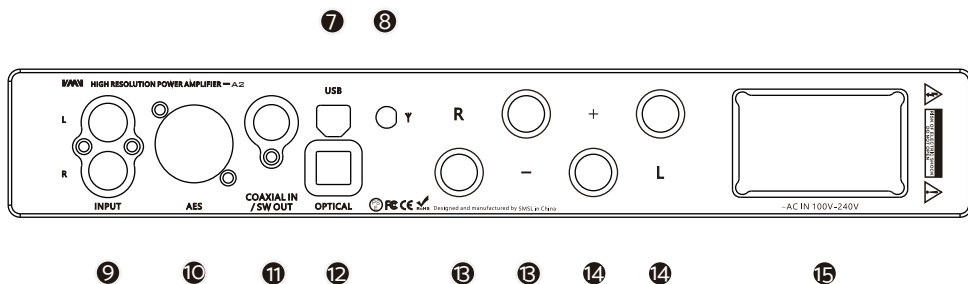
7. USB输入

8. 蓝牙天线

9. 非平衡线路输入

10. AES/EBU输入

11. 同轴输入/超低音输出

12. 光纤输入

13. 右喇叭输出

14. 左喇叭输出

15. 电源输入 (100~240V AC)

显示界面和操作介绍

主界面

1.输入选择

2.音量显示

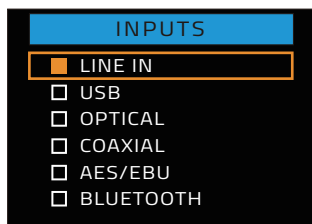**3.显示信息**
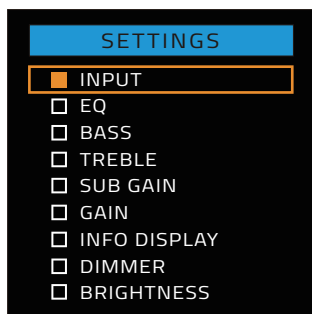
有9项的设置, 屏幕如左图所示

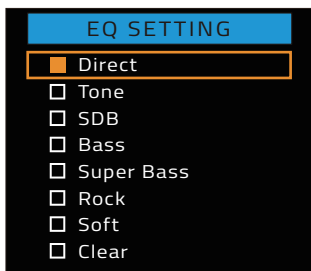1. INPUT   (输入选择)
2. EQ   (音效模式)
3. BASS   (低音调整)
4. TREBLE   (高音调整)
5. SUB GAIN   (超低音增益调节)
6. GAIN   (增益控制)
7. INFO DISPLAY   (显示信息)
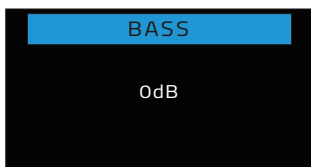8. DIMMER   (熄屏)
9. BRIGHTNESS   (亮度)

输入菜单

1. LINE IN   (线路输入)
2. USB   (USB输入)
3. OPTICAL   (光纤输入)
4. COAXIAL   (同轴输入)
5. AES/EBU   (平衡数字输入)
6. BLUETOOTH   (蓝牙输入)

注:在选择同轴输入时, 无超低音输出

9

```
┌─────────────────────────┐
│      EQ SETTING         │
├─────────────────────────┤
│  ■ Direct               │
│  □ Tone                 │
│  □ SDB                  │
│  □ Bass                 │
│  □ Super Bass           │
│  □ Rock                 │
│  □ Soft                 │
│  □ Clear                │
└─────────────────────────┘
```

EQ菜单

1. Direct   (直通)
2. Tone   (自定义)
3. SDB   (专利音效)
4. Bass   (低音加强音效)
5. Super Bass (低音超强音效)
6. Rock   (摇滚乐音效)
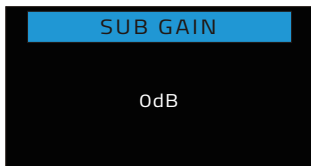7. Soft   (柔和音效)
8. Clear   (清晰音效)

```
┌─────────────────────────┐
│         BASS            │
│                         │
│         0dB             │
│                         │
└─────────────────────────┘
```

低音调节范围：-10dB ~ +10dB

当EQ处于直通或其他EQ模式时, 调节低音, EQ
模式会自动切换到Tone的状态

```
┌─────────────────────────┐
│        TREBLE           │
│                         │
│         0dB             │
│                         │
└─────────────────────────┘
```

高音调节范围：-10dB ~ +10dB

当EQ处于直通或其他EQ模式时, 调节高音, EQ
模式会自动切换到Tone的状态

```
┌─────────────────────────┐
│       SUB GAIN          │
│                         │
│         0dB             │
│                         │
└─────────────────────────┘
```

超低音输出调节范围：-30dB ~ +10dB

```
┌─────────────────────────────┐
│          GAIN               │
├─────────────────────────────┤
│  ■  LOW GAIN                │
│  □  MIDDLE GAIN             │
│  □  HIGH GAIN               │
│                             │
└─────────────────────────────┘
```

增益控制

1. LOW GAIN　　(低增益)
2. MIDDLE GAIN (中增益)
3. HIGH GAIN　　(高增益)

```
┌─────────────────────────────┐
│       INFO DISPLAY          │
├─────────────────────────────┤
│  ■  INPUT                   │
│  □  SAMPLING RATE           │
│  □  TEMPERATURE             │
│                             │
└─────────────────────────────┘
```
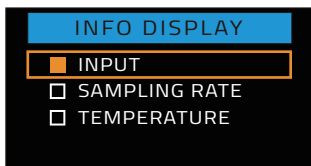
显示信息

1. INPUT　　　　　(输入源)
2. SAMPLING RATE (采样率)
3. TEMPERATURE　(温度)

```
┌─────────────────────────────┐
│          DIMMER             │
├─────────────────────────────┤
│                             │
│          OFF                │
│    Display always ON!       │
│                             │
└─────────────────────────────┘
```
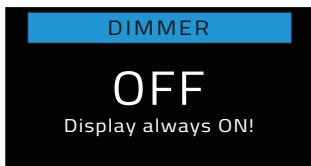
熄屏自动

范围5秒 - 60秒
(设置后, 屏会在这个时间内自动熄灭, 遥控
或者旋钮任意操作屏幕会重新点亮。这样
可以很大程度减少光污染, 提升听音环境
的舒适性!)

```
┌─────────────────────────────┐
│        BRIGHTNESS           │
├─────────────────────────────┤
│                             │
│              ◤              │
│                             │
│                             │
└─────────────────────────────┘
```

亮度调节范围: LEVEL 1~6

蓝牙操作说明

本产品配备了**蓝牙按键**, 就是遥控器上的**FN按键**,
这个按键的功能包括:

   短按: 直接切换到蓝牙输入,如果蓝牙失去连接, 则为重新连接;
   长按: 断开当前设备, 允许配对其它设备

■ **连接:** 将输入源切换至蓝牙,打开手机蓝牙功能,搜索"VMV A2",搜索到后点击配对连接, 当手机显示"已连接"则已连接成功。

■ **重连:** 在使用蓝牙过程中, 如果失去连接, 例如: 外出, 然后回来, 有些手机不会自动重新连接, 在这个时候, **短按遥控器的蓝牙按键(FN)**就可以重新连接.

■ **连接新设备: 长按遥控器的蓝牙按键(FN)。**在清除配对后, 部分手机可能会出现无法再搜索到" VMV A2 ", 此时需要将手机保存的蓝牙设备" VMV A2 "删除掉, 然后再搜索配对。

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。

Safety notes

CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER(OR BACK).

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

The lightning flash with arrowhead symbol,with in an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Safe use only under elevation 2000m.

≤2000m

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Features

- Use the latest DSP chip and ST high power amplifier chip, the distortion at less than 0.0008%

- USB uses the second XMOS 16-core processor ,support native DSD512 and 32bit 768kHz!

- Super bass preamp output for connecting active subwoofers to form a 2.1 audio system.

- Built-in multiple EQ modes and treble / bass adjustment for easy matching of a variety of speakers and music.

- The latest Bluetooth supports LDAC, APTX / HD, SBC, AAC and the industry's highest specification 24bit / 192kHz UAT format!

- All aluminum alloy CNC precision processing shell, anodizing technology and chamfering process, exquisite workmanship and delicate touch.

- Using color LCD screen and newly developed user interface, full-function remote control.

- A large number of audio grade components are used to enhance the sound experience.

- High quality gold-plated input and output terminals,

- Perfect protection circuit for overheating, overcurrent, etc.

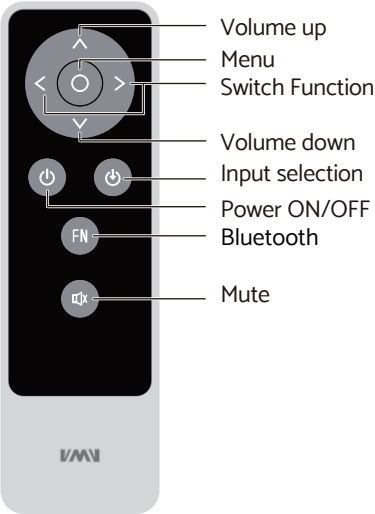- High quality power specially designed for audio.

Specification

Inputs ....USB / Optical / Bluetooth /Coaxial / AES/EBU / LINE IN

THD+N 0.0008%

SNR 115dB

Channel separation 108dB

Output power...200Wx2(4Ω) / 100Wx2(8Ω)

Subwoofer output level and cutoff frequency...2Vrms/150Hz@-3dB

USB transmission ....Asynchronization

USB compatibility ....Windows 7 / 8 / 8.1 / 10, Mac OSX、Linux

Bit depth ....USB / I²S   1bit，16 ~ 32bit

                                       Optical / Coaxial / AES   1bit，16 ~ 24bit

Sampling rate ....USB / I²S   PCM   44.1 ~ 768kHz

                                            DSD   2.8224 ~ 22.5792MHz

                                       Optical / Coaxial / AES   PCM   44.1 ~ 192kHz

Bluetooth specification：

UAT 24bit/192kHz (1200kbps/900kbps/600kbps)

LDAC 24bit/96kHz (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

Size ....280x43x255mm (WxHxD)

Weight 2.6kg

Remote Control

Install CR2032 or BR2032 lithium 3V coin battery 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.

Volume up
Menu
Switch Function

Volume down
Input selection
Power ON/OFF
Bluetooth

Mute

Release

Cr2032
or
Br2032

Model: RC-3
Designed by 艾米尔 L. Assembled in China

1.Find the battery component on the back of your Remote.
2.Turn the battery door counterclockwise until the door opens
3.Remove the old battery.
4.With the positive side facing up toward you, put in the newCR2032 or BR2032 lithium 3V coin battery (available at mostelectronic and drug stores).

Functions

Main unit front

1. Multi-function knob

2. LED

3. Display

4. Input source select

5. Remote window

6. Bluetooth

* Note: Knob
    1. Konb: Volume/Menu up or down
    2. Button: Press to Menu/Enter
                Hold to Return or Power ON/OFF

Main unit back
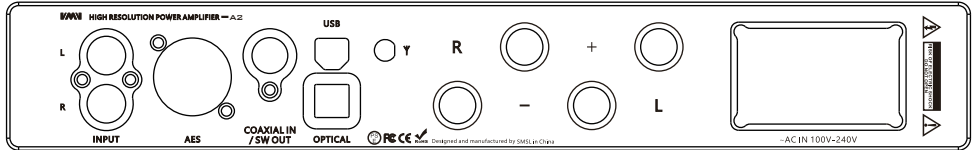
7. USB input

8. Bluetooth antenna

9. Unbalanced Line in

10. AES/EBU input

11. Coaxial in / SW OUT

12. Optical input

13. Right speaker output

14. Left speaker output

15. Power input（100V-240V AC）

Operation Instructions

MAIN

1、 Input source

2、 Volume Level

3、 Display information
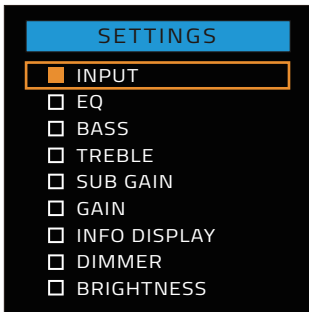
There are 9 pages of settings in this menu.
1. INPUT
2. EQ
3. BASS
4. TREBLE
5. SUB GAIN
6. GAIN
7. INFO DISPLAY
8. DIMMER
9. BRIGHTNESS
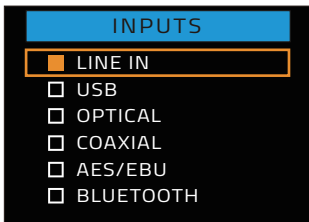
INPUTS

1. LINE IN
2 USB
3. OPTICAL
4. COAXIAL
5. AES/EBU
6. BLUETOOTH

EQ SETTING

- ☑ Direct
- ☐ Tone
- ☐ SDB
- ☐ Bass
- ☐ Super Bass
- ☐ Rock
- ☐ Soft
- ☐ Clear
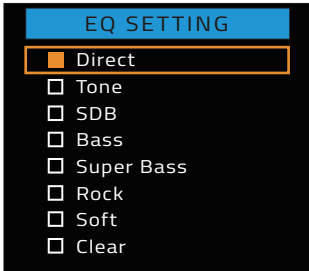
EQ Setting

1. Direct
2. Tone
3. SDB
4. Bass
5. Super Bass
6. Rock
7. Soft
8. Clear

BASS

0dB
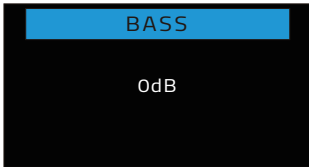
Bass adjustment range： -10dB ~ +10dB

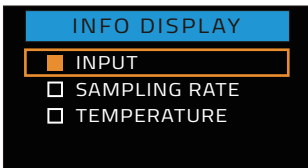When the EQ mode is Direct or other EQ mode, changing the Bass will change the EQ to Tone mode.

TREBLE

0dB

Treble adjustment range： -10dB ~ +10dB

When the EQ mode is Direct or other EQ mode, changing the Treble will change the EQ to Tone mode.

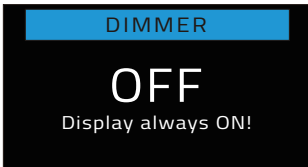## SUB GAIN

0dB
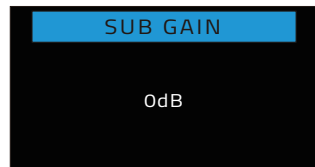
SW OUT adjustment range： -30dB ~ +10dB

GAIN

```
GAIN
■ LOW GAIN
□ MIDDLE GAIN
□ HIGH GAIN
```

GAIN

1. LOW GAIN
2. MIDDLE GAIN
3. HIGH GAIN

```
INFO DISPLAY
■ INPUT
□ SAMPLING RATE
□ TEMPERATURE
```

INFO DISPLAY

1. INPUT
2. SAMPLING RATE
3. TEMPERATURE

```
DIMMER
OFF
Display always ON!
```

DIMMER

5second ~ 60 second
(The range is 5 seconds-60 seconds. After setting, the screen will automatically go off within this time, and the screen will re-light up if you operate the remote control or the knob at any time.)

```
BRIGHTNESS
```

Brightness Level： 1 ~ 6

Bluetooth operating instructions

This product is equipped with a Bluetooth button, which is the FN button on the remote control,The functions of this button include:

- ■ Short press: Switch directly to Bluetooth input, if Bluetooth loses connection, it is a reconnect,

- ■ Long press: Disconnect the current device and allow pairing with other devices.

Connection:
- ■ Step 1: Switch the input source in the SETTING MENU or press the Bluetooth button of the remote,
- ■ Step 2: Turn on the Bluetooth function of the mobile phone, search for "VMV A2", and tap to pairing. When the mobile phone displays "connected", it has been successfully connected.

Re-connection:
    When you had lost the connection with the A2, for example,going out, and back home, some phones will not re-connect the A2 if the A2 has not been re-boot, so you can press the Bluetooth button (FN) on the remote to Re-connect.

Clear pairing: Long press the "Bluetooth" button(FN) on the remote control. After clearing the pairing, some phones may no longer be able to search for "VMV A2". In this case, you need to delete the Bluetooth device "VMV A2" which saved in the phone, and then search and pairing again.

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.