



# VMV A1 Small Delicate Class A High Resolution Power Amplifier User Manual

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## USER MANUAL



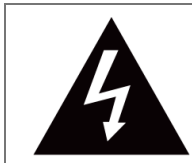
#### Safety notes

##### 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.

##### WARNING:

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

#### Features

- Classical FET Class A amplifier circuit;
- The all-aluminum CNC shell, while being beautiful, greatly improves the heat dissipation capacity;
- The pre amp adopts parallel regulator power supply;
- Using low distortion, high precision volume control chip PGA2311;
- The headphone amplifier has 2 gears of gain control;

- Custom low-noise toroidal transformer manufactured by Noratel, UK
- With internal temperature display, better control sound quality;
- High quality audio socket imported from Japan;
- A large number of audiophile components, including nichicon KG capacitors;
- Perfect protection circuit to protect your speakers and headphones;
- Color high-resolution display;

## Specification

<b>Inputs</b>	<b>RCA</b>
<b>Outputs</b>	<b>Speaker terminal (banana connector), 6.35mm headphone jack</b>
<b>THD+N</b>	<b>0.01%(4Ω)</b>
	<b>0.008%(8Ω)</b>
	<b>0.002%(32Ω)</b>
<b>SNR</b>	<b>110dB</b>
<b>Channel separation</b>	<b>105dB</b>
<b>Output Power</b>	<b>15Wx2(4Ω)</b>
	<b>10Wx2(8Ω)</b>
	<b>2W(32Ω)</b>
<b>Power Consumption</b>	<b>30W</b>
<b>Standby power</b>	<b>&lt;0.5W</b>
<b>Size</b>	<b>210x205x39mm (WxHxD)</b>
<b>Weight</b>	<b>2kg</b>

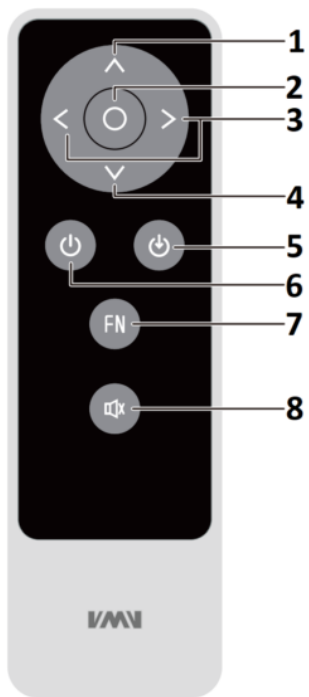
## Remote Control

Install CR2032 or BR2032 lithium 3V coin battery as instructions

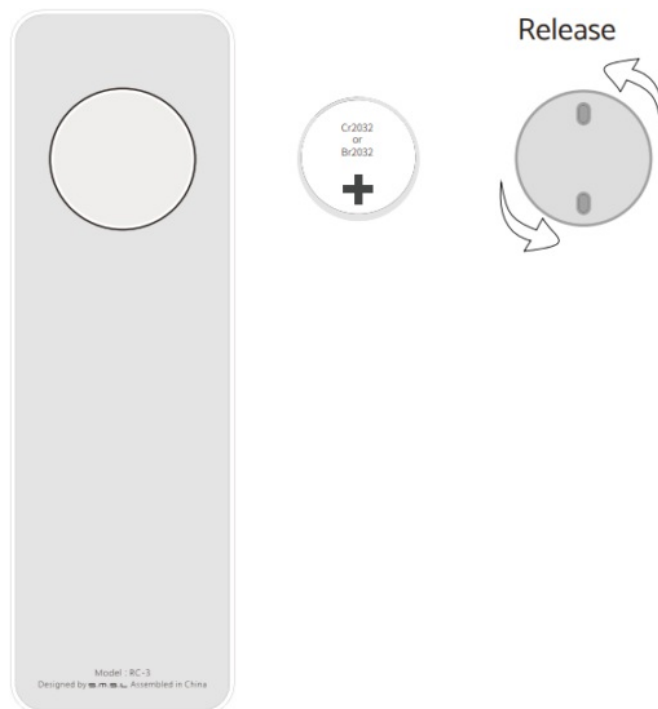
When using the remote control, point it toward the remote control signal receiver on the main unit from a distance of 5 m (16 ft) or less. Do not place obstructions between the main unit and the remote control.

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.



1. Volume up
2. Menu
3. Switch Function
4. Volume down
5. Input selection
6. Power ON/OFF
7. EQ
8. Mute



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 new CR2032 or BR2032 lithium 3V coin battery (available at most electronic and drug stores).

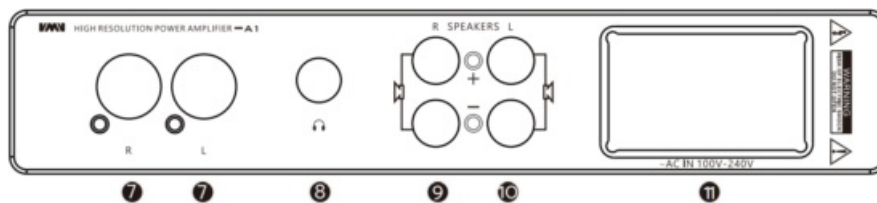
## Functions

### Main unit front



1. Multi-function knob
2. LED
3. Display
4. Output source select Knob
5. Remote window
6. Mute

### Main unit back



7. Unbalanced input
8. Headphone output
9. Right speaker output
10. Left speaker output
11. Power input (100V-240V AC)

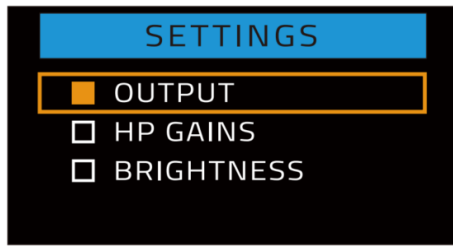
## Operation Instructions



### Main Display

1. Input selection indication
2. Volume
3. Red when muted

#### 4. Input source name



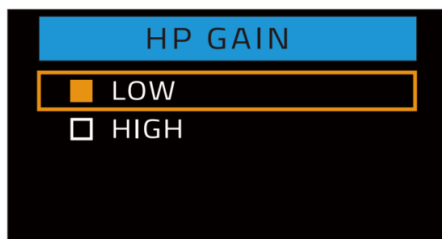
There are 3 pages of settings in this menu.

1. OUTPUT
2. HP GAINS
3. BRIGHTNESS



#### OUTPUTS

1. HEADPHONES
2. SPEAKERS



#### HP GAIN

1. LOW
2. HIGH



Brightness Level: 1 ~ 6

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 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.

Documents / Resources

  <small>使用说明书 (USER MANUAL) http://www.smsl.com.cn/</small>	<a href="#">VMV A1 Small Delicate Class A High Resolution Power Amplifier</a> [pdf] User Manual A1, Small Delicate Class A High Resolution Power Amplifier, A1 Small Delicate Class A High Resolution Power Amplifier
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References

- [SMSL Audio Official -English](#)