

S.M.S.L



PA40

USER MANUAL

The contents of this manual may be changed with the edition, and are subject to change without notice.

Ver 1.1



## Safety Notes

- Install this unit in a well ventilated, cool, dry, clean place-away from direct sunlight, heat sources, vibration, dust, moisture, or cold.
- 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. Our company 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 salesperson or customer service 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.

### **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.



## 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.



## Features

- New digital high power amplifier chip MA5332 from Infineon, Germany, higher quality with high efficiency and low power consumption;
- Using JRC's electronic volume control chip NJU7391A from Japan, precise volume control and ultra-low distortion;
- High gain and low gain options for better matching audio sources with different output levels;
- Built in preset EQ and treble/bass adjustment function, easily matching various speakers and music;
- A large number of audiophile-grade audio components are used to enhance the listening experience;
- High quality gold-plated input and output terminals;
- Well-developed protection circuits for overheating, overcurrent, etc.
- Built in high quality and high power audio dedicated power supply.



# Specifications

Input		RCA
THD+N		0.004%
SNR		100dB
Channel Separation		72dB
Input Sensitivity / Input Impedance	High gain	315mV/20k $\Omega$
	Low gain	580mV/20k $\Omega$
Output Power	4 $\Omega$	160Wx2
	8 $\Omega$	85Wx2
Power Consumption		40W(Normal Volume)
Size		191.6x41.6x185mm(WxHxD)
Weight		1.26kg/2.77lbs

SMSL reserves the right to make improvements which may result in specification or feature changes without notice.

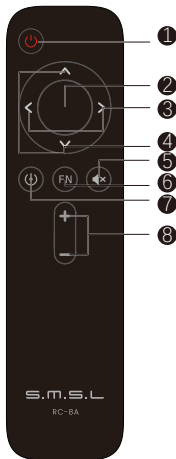
## Remote Control

- If the remote control is still ineffective when it is close to the machine, replace it with a new battery.
- If the user does not use the remote control for a long time, remove the battery of the remote control.
- Dispose of used batteries in accordance with local regulations on battery disposal.

## Operating The Remote Control

- This remote controller use 2 x R03/AAA batteries.
- Remote control button operation:

- 1** Power ON/OFF
- 2** Menu:  
enter the main menu/return to the volume interface
- 3** Left/Right: switches to different functions in main menu
- 4** Up/Down:  
switches to different modes under the same function in main menu
- 5** Mute: mute after clicking, volume flashes
- 6** FN: Screen off
- 7** Input selection: no function
- 8** Volume +/-





## Display Interface and Instructions



- |                       |                        |                                |
|-----------------------|------------------------|--------------------------------|
| 1 Function knob       | 2 Indicator light      | 3 Infrared receiving window    |
| 4 Display screen      | 5 Line input (L/R RCA) | 6 Speaker Right output         |
| 7 Speaker Left output | 8 AC power IN          | 9 Power switch (O: OFF; I: ON) |

Note: Please pay attention to the polarity when connecting the speakers. It must be connected according to the polarity marked on the product to avoid affecting the sound quality.



## PA40 Package list

1 x S.M.S.L PA40

1 x Remote control

1 x AC Power cable

1 x User manual

1 x Warranty card

# Instructions

- Long press the knob to turn on/off the power.
- In the power-on state, each short press of the knob will enter the adjustment of "Volume", "EQ", "Bass", "Treble", "Gain", "Brightness" in turn.
- Volume Adjustment Range: **-60** - **-00**  
( **-60** is the minimum volume, **-00** is the maximum volume)
- EQ adjustment:
  - **E 0 Direct:**  
Turn off the EQ
  - **E 3 Super Bass:**  
Super Bass sound effect
  - **E t Tone:**  
Adjust following Treble and Bass
  - **E 4 Rock:**  
Rock music sound effect
  - **E 1 Tabebuia:**  
Tabebuia specialized sound effects
  - **E 5 Soft:**  
Soft sound effect
  - **E 2 Bass:**  
Enhanced Bass sound effect
- Bass Adjustment Range: -7~+7, display screen shows **b-7** - **b 7**, default is **b 0**.
- Treble Adjustment Range: -7~+7, displayed screen shows **t-7** - **t 7**, default is **t 0**.
- During gain adjustment, it will be displayed **G L** (low gain), **G H** (high gain).  
(The maximum input level in high gain mode is no more than 1.2 VRMS)
- Brightness Adjustment Range: **bL1** - **bL8** ( **bL8** is the maximum brightness).