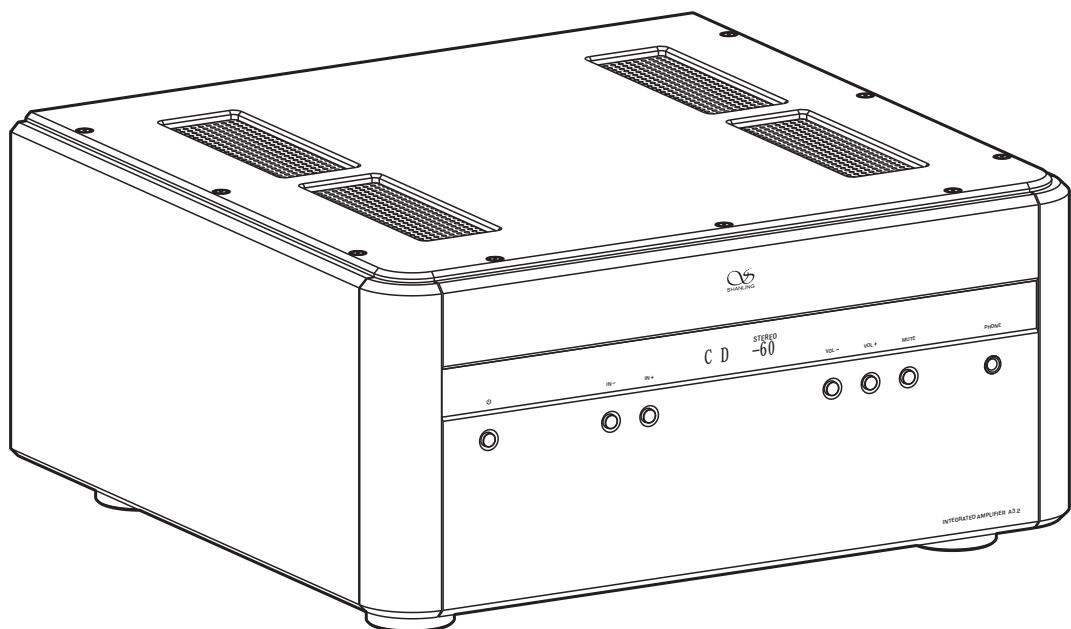




A3.2

综合放大器
INTEGRATED AMPLIFIER



安全指示

1. 不可自行开启本机进行维修或改造！本产品不设有用户自行检修的零件，本机的维修须请具备专业资格的人员进行。开启机器及随意改造内部电路会令检修人员难以维修本机，而且会对机器造成性能或质量的影响。
2. 为了充分通风，设备背面和两侧应最少保留10cm，顶部应最少保留20cm的空间。
3. 设备不应遭受水滴或水溅，机器上不应放置诸如花瓶一类的装满液体的物品。
4. 通风孔不要覆盖诸如报纸、桌布和窗帘等物品而防碍通风。
5. 设备上不要放置裸露的火焰源，如点燃的蜡烛。
6. 设备应当连接到带保护接地连接的电网电源输出插座上。
7. 用电源插头和器具耦合器作为断开装置，断开装置应当保持能方便地操作。
8. 必须遵照电池废弃的相关地方条例来废弃旧电池。
9. 仅适用于海拔2000m以下地区安全使用，标志见图1。
10. 仅适用于非热带气候条件下安全使用，标志见图2。



图1



图2

★ 执行标准：GB8898-2011; GB/T13837-2012

安全注意事项



警 告
谨 防 触 电
切 勿 打 开 机 盖

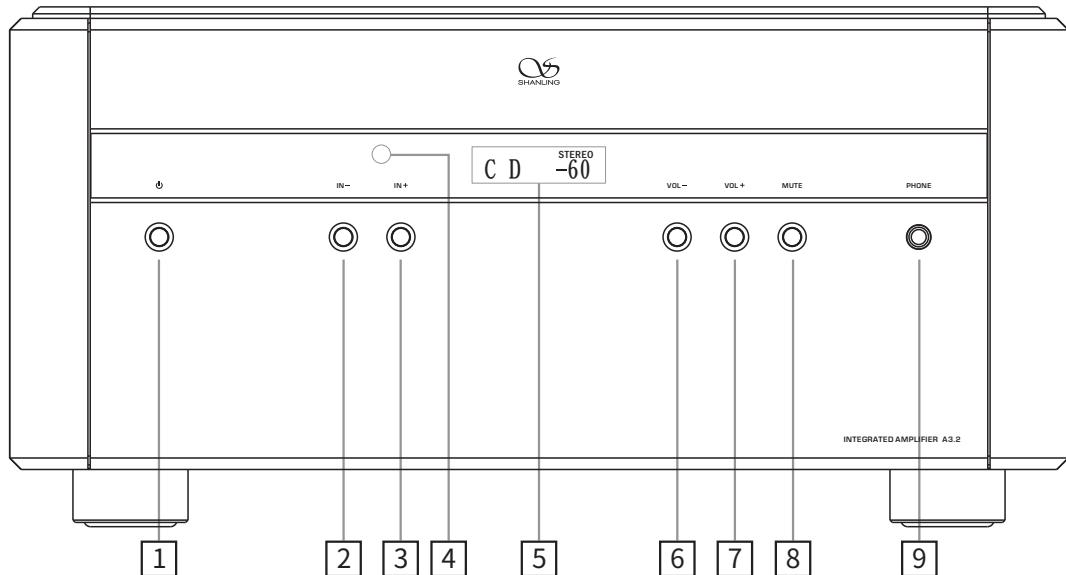


警 告：谨防触电，切勿打开机盖。

等边三角形中有箭头闪电符号的图形表示警告使用者在产品内有高压电，会导致人为的触电。

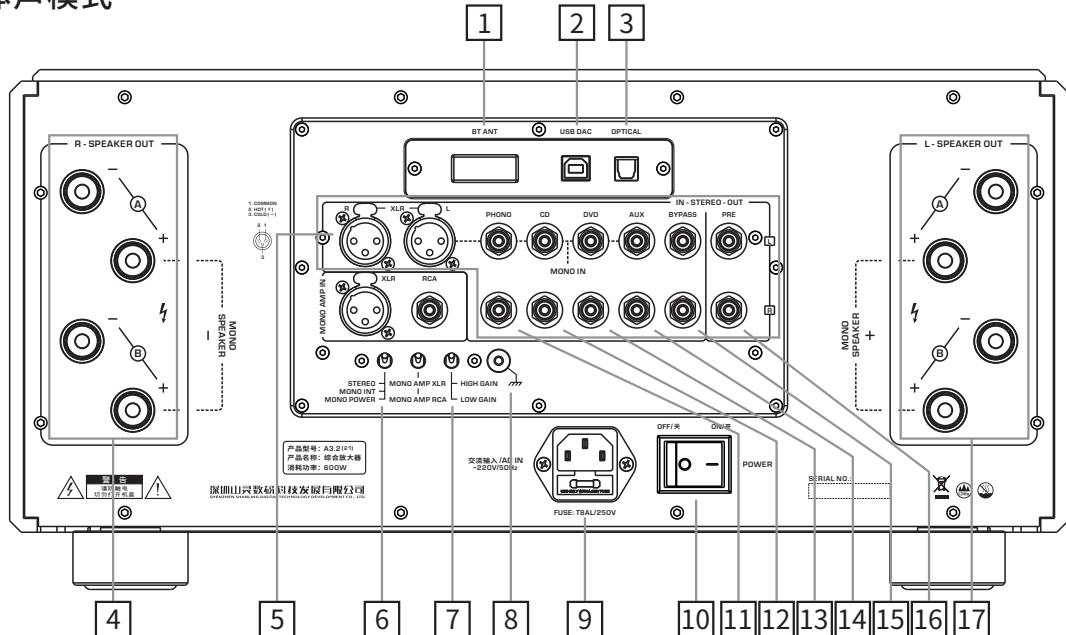
等边三角形中有叹号的图形表示警告使用者该设备有重要的操作和维护指示。

部件名称



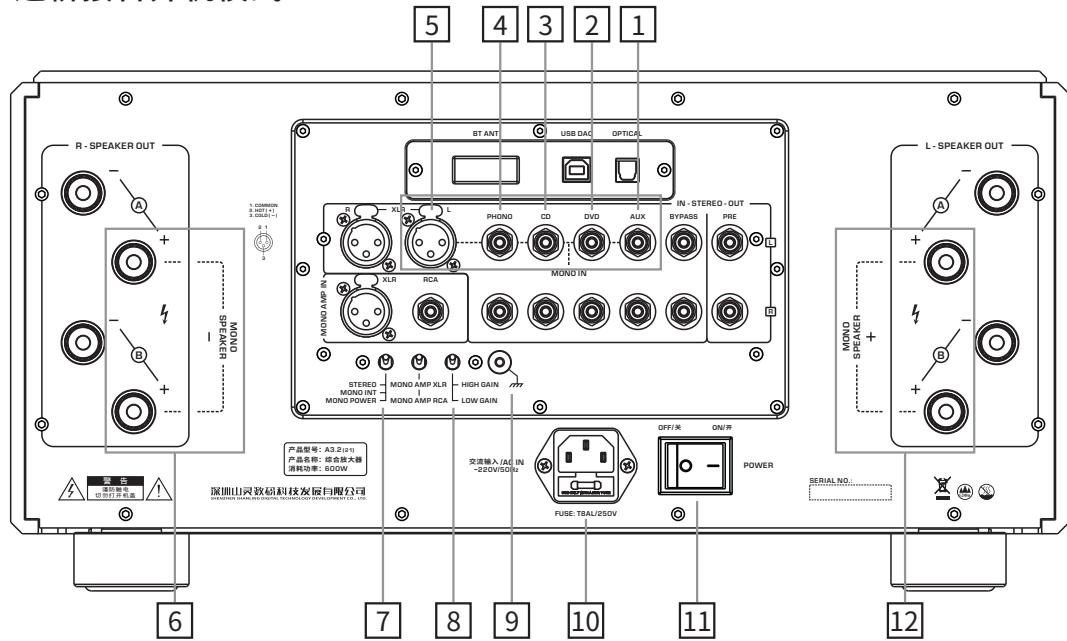
- | | | |
|------------|-----------|-----------|
| 1. 待机开关键 | 4. 遥控接收窗口 | 7. 音量增加键 |
| 2. 输入向后选择键 | 5. 多功能显示窗 | 8. 静音键 |
| 3. 输入向前选择键 | 6. 音量减小键 | 9. 耳机输出接口 |

一. 立体声模式



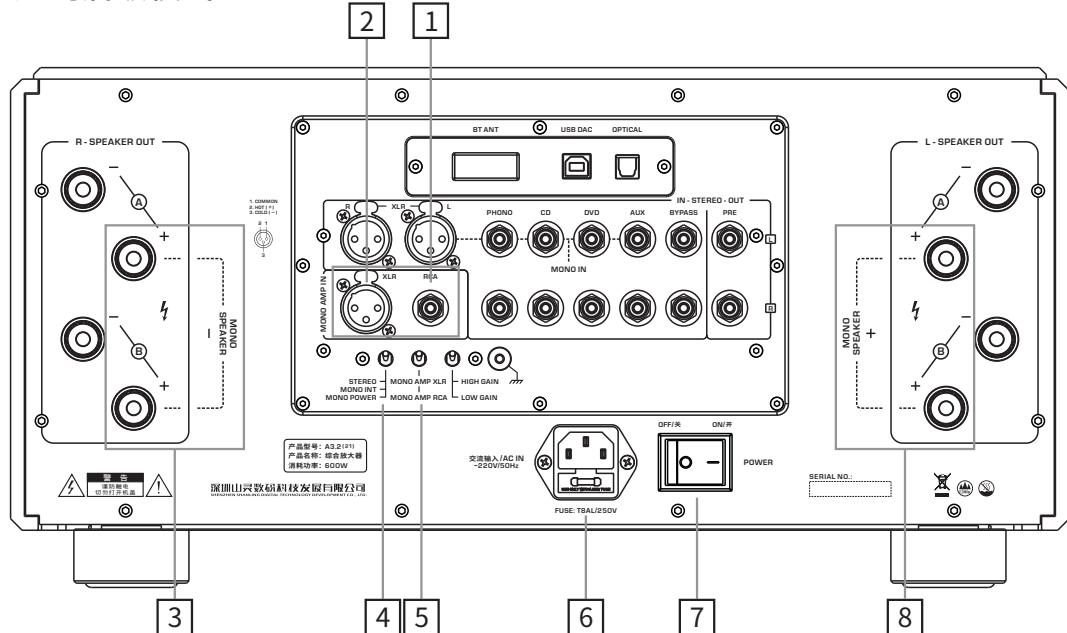
- | | | |
|----------------------|--------------------|--------------------|
| 1. 蓝牙天线 | 7. 增益选择开关 | 13. DVD信号输入接口 |
| 2. USB DAC数字信号输入接口 | 8. 接地端子 | 14. AUX信号输入接口 |
| 3. 光纤数字信号输入接口 | 9. 交流电源输入插座 (带保险管) | 15. BYPASS直通信号输入接口 |
| 4. 右声道扬声器输出接口 | 10. 总电源开关 | 16. PRE前级信号输出接口 |
| 5. XLR信号输入接口 | 11. PHONO唱机信号输入接口 | 17. 左声道扬声器输出接口 |
| 6. 模式选择开关 (置于STEREO) | 12. CD信号输入接口 | |

二. 单声道桥接合并机模式



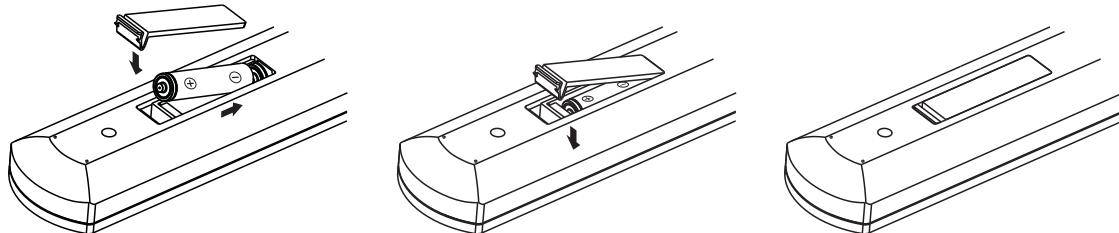
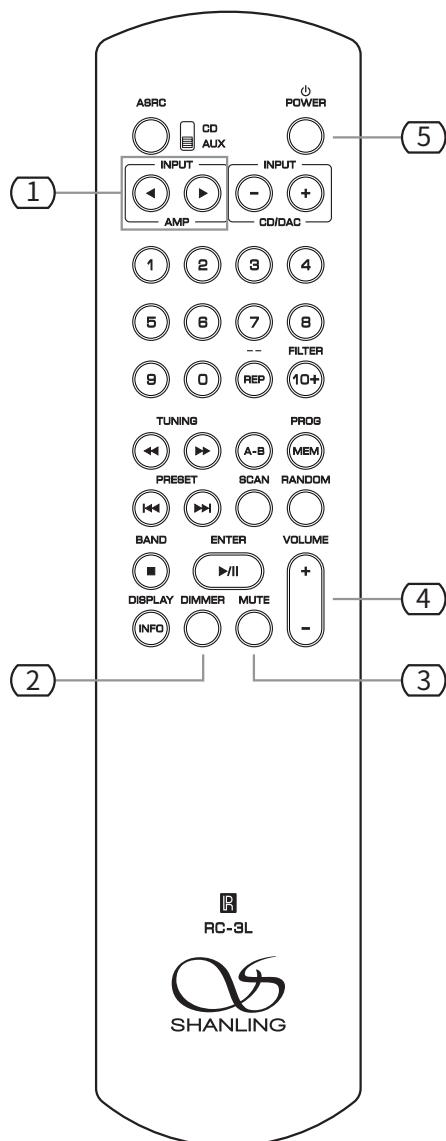
- | | | |
|------------------|------------------------|---------------------|
| 1. AUX信号输入接口 | 5. XLR信号输入接口 | 9. 接地端子 |
| 2. DVD信号输入接口 | 6. 扬声器输出接口 “-” 极 | 10. 交流电源输入插座 (带保险管) |
| 3. CD信号输入接口 | 7. 模式选择开关 (置于MONO INT) | 11. 总电源开关 |
| 4. PHONO唱机信号输入接口 | 8. 增益选择开关 | 12. 扬声器输出接口 “+” 极 |

三. 单声道纯后级模式



- | | | |
|------------------|--------------------------|------------------|
| 1. RCA信号输入接口 | 4. 模式选择开关 (置于MONO POWER) | 7. 总电源开关 |
| 2. XLR信号输入接口 | 5. 输入源选择开关 | 8. 扬声器输出接口 “+” 极 |
| 3. 扬声器输出接口 “-” 极 | 6. 交流电源输入插座 (带保险管) | |

遥控器示意图



注：

1. 遥控器有效距离不大于10米，遥控夹角不大于30度。
2. 遥控器未标示按键非本机功能，操作无效属正常现象。

操作说明

开/关机器

- 首先连接好机器的电源线及信号线，再将机器后板上的电源开关置于[ON/开]位置，此时面板上的电源指示灯“”点亮，再按面板或遥控器上的[]键，显示屏及其它按键对应的指示灯全部点亮，机器进入正常工作状态。
- 要关闭本机电源时，先按下机器面板或遥控器上的[]键，再将机器后板上的电源开关置于[OFF/关]位置，此时机器处于关闭状态。
- 在长时间不使用本机时，请将机器的交流输入电源线与市电插座分离。

输入切换

按下机器面板上的[IN-/IN+]键或遥控器上的[◀INPUT▶]键可将音频信号切换到相对应的输入接口，面板上多功能显示窗会显示相应的输入状态。

音量调节

通过机器前面板上的[VOL-/VOL+]键或遥控器上的[VOLUME-/+]键可调节音量大小，面板上的多功能显示窗显示相应的音量大小状态。

输出保护

当机器输出过载时，本机保护电路的继电器将立即断开，显示屏上显示“PROTECT”字样，此时须关闭机器电源，排除过载原因。等待约5分钟后，重新开机才能使机器正常工作。

增益调整

此功能为用户使用本机时搭配不同的器材（扬声器、信号源）时使用，当搭配低灵敏度的扬声器或信号源输出电平较低时，请将增益选择开关置于“HIGH GAIN”位置；当搭配高灵敏的扬声器或信号源输出电平较高时，请将增益选择开关置于“LOW GAIN”位置。

模式选择

用户根据自己使用的方式，选择不同的模式。（注：切换模式后需要重新开机）

静 音

- 在放音状态下，按下前面板或遥控器上的[MUTE]键，多功能显示窗显示“MUTING”字符，此时机器无声音输出。
- 在静音状态下，再按下前面板或遥控器上的[MUTE]键一次，多功能显示窗恢复原始显示字符，进入正常放音状态。

显示屏亮度调节

- 结合播放环境的光线强度，可按下遥控器上的[DIMMER]键进行显示字符的亮度调节。每按一次显示屏亮度将从“亮、暗、关”中循环变换。
- 开机时显示屏自动置于“亮”状态。

Bluetooth 输入

1. 将信号源切换到 "BT" 状态。
2. 此时本机蓝牙会一直处于可以被搜索状态，打开手机或iPad等搜索蓝牙设备。
3. 在搜索到的设备中选择 "Shanling A3.2(21)"。
4. 设备连接好后，使用播放软件播放音乐即可。

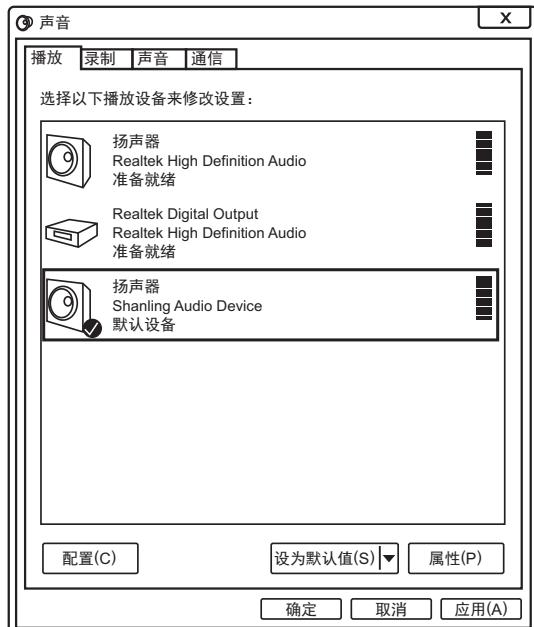
USB控制

1. 将USB电缆从电脑连接到机器后板上，如图：
2. 打开机器电源并按下前面板上的 [IN-/IN+] 或遥控器上的 [\blacktriangleleft INPUT \triangleright] 键选择对应的USB输入信号。
3. 安装 "USB驱动" 至电脑上。

USB驱动程序下载方式：

请登录官网www.shanling.com，进入下载中心，对应产品型号进行下载。

4. 将电脑的 "声音" 选项进行设置，并把 "扬声器 Shanling Audio Device" 勾选为默认设备，如右图：
5. 本机支持最新的DoP技术，也就是使用PCM的框架传输DSD信号，并按照DSD格式解码。DSD传输同样使用USB接口，用户可以下载DSD格式音乐，Windows下有相应的播放软件。



技术规格

技术参数	输入灵敏度：600mV (RCA); 1.2V (XLR) 频率响应：10Hz - 30kHz (-1dB) 唱机输入灵敏度：4mV 失真度：<0.009% (5W) 最大输出功率：400W/4Ω x 2; 200W/8Ω x 2 (立体声) 500W/8Ω (单声道) 信噪比：>98dB USB接收器规格：USB2.0; 32bit/768kHz DSD信号规格：DSD64; DSD128; DSD256; DSD512 蓝牙标准：Bluetooth 5.0
常 规	消耗功率：600W 体积 (宽 x 深 x 高)：460 x 455 x 226mm 净重：约29kg

随机附件

说明书：1本 保修卡：1张 三联电源线：1根 USB线：1根 遥控器：1个

Safety Instructions

1. Do not open this player for repair or modification by anyone other than a qualified technician! This product has no user-serviceable parts. Opening the player and modifying its internal circuitry can make subsequent maintenance difficult or impossible and affect performance and sound quality.
2. For good ventilation, a minimum of 10cm clearance shall be maintained at the back and both sides and 20cm at the top of the player.
3. Allow no water dripping or splashing into the player. Place no object containing liquid on the player, e.g. Vase.
4. Do not cover any ventilation hole with newspaper, cloth, curtain, etc. in case of ventilation blocking.
5. Allow no exposed flame source on the player, e.g. burning candle.
6. The player shall be connected to AC power output socket with grounding protection.
7. If power plug and appliance coupler are used as disconnecting device, the disconnecting device shall be easily operable.
8. The waste battery must be treated according to relevant local battery wasting regulations.
9. Only applicable for safe use in the area with elevation under 2000m. See Fig. 1 for the sign.
10. Only applicable for safe use under non-tropical climate conditions. See Fig. 2 for the sign.

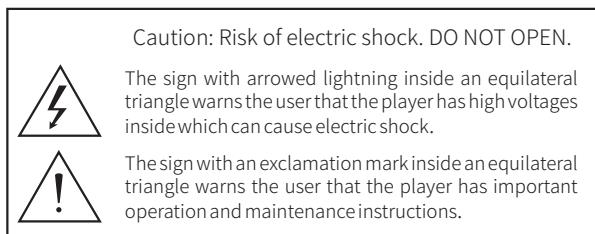


Fig. 1



Fig. 2

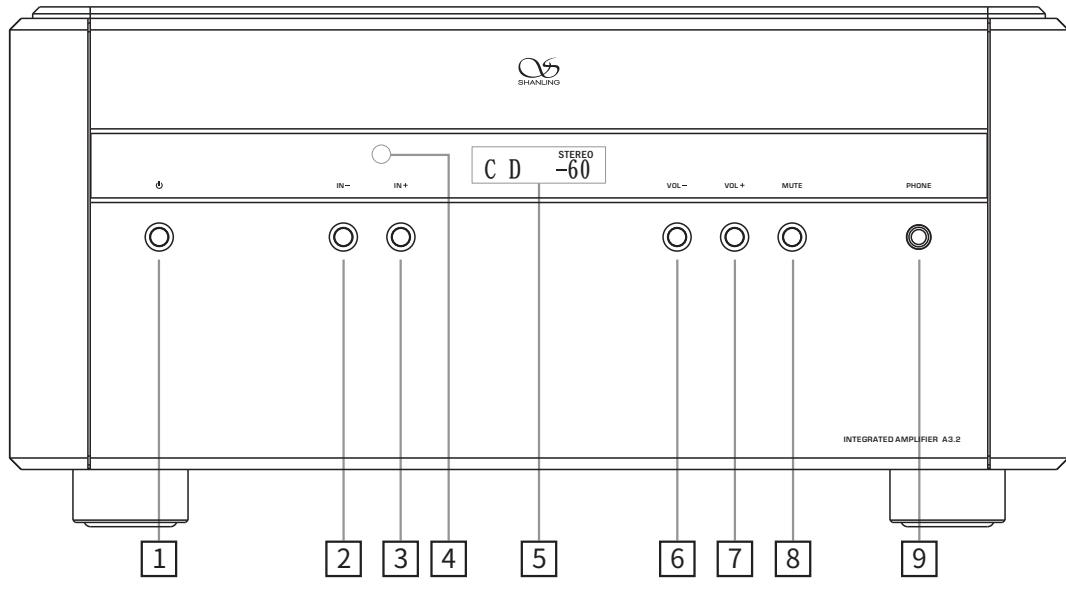
Safety Precautions



A3.2 INTEGRATED AMPLIFIER

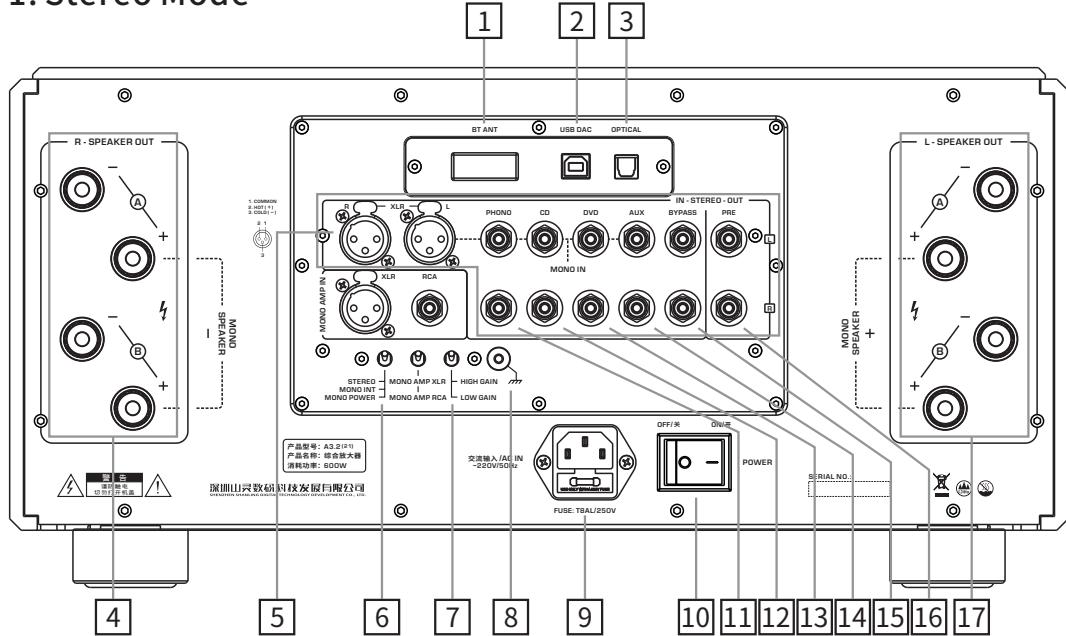


Parts Name



- 1. Standby Switch
- 2. Input Switch -
- 3. Input Switch +
- 4. Remote control receiver
- 5. Multifunction display
- 6. Volume Down
- 7. Volume Up
- 8. Mute Switch
- 9. Headphone Output

Figure 1. Stereo Mode

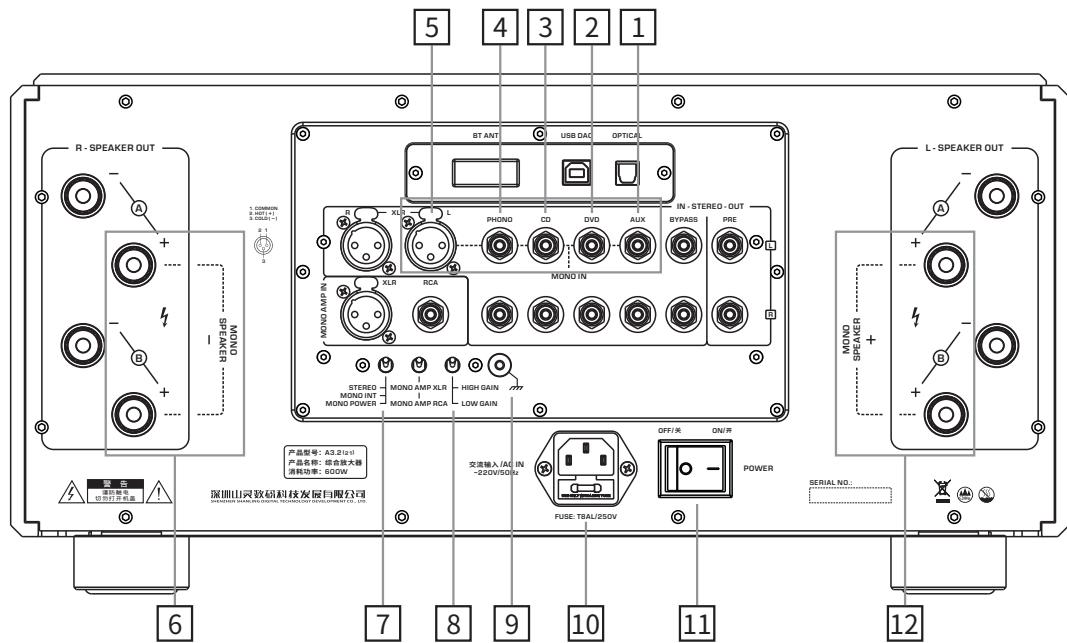


- 1. Bluetooth antenna
- 2. USB DAC Input
- 3. Optical Input
- 4. Right Channel speaker port
- 5. XLR Input
- 6. Mode Switch (Set to Stereo)
- 7. Gain Switch
- 8. Grounding pin
- 9. AC power input (With fuse)
- 10. Power Switch
- 11. PHONO input
- 12. CD Input
- 13. DVD Input
- 14. AUX Input
- 15. BYPASS port
- 16. Preamplifier output
- 17. Left Channel speaker port

A3.2 INTEGRATED AMPLIFIER

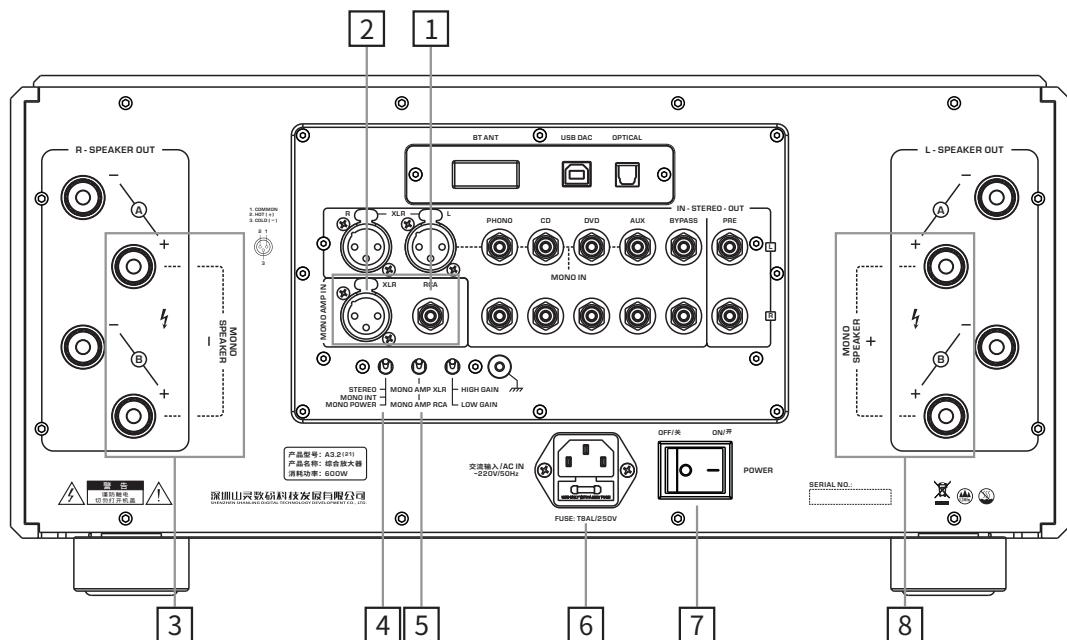


Figure 2. Mono Integrated Amp Mode



- | | | |
|----------------|----------------------------------|--------------------------------|
| 1. AUX Input | 5. XLR input | 9. Grounding pin |
| 2. DVD Input | 6. Negative speaker port | 10. AC power input (With fuse) |
| 3. CD Input | 7. Mode Switch (Set to MONO INT) | 11. Power Switch |
| 4. PHONO Input | 8. Gain Switch | 12. Positive speaker port |

Figure 3. Mono Power Amp mode

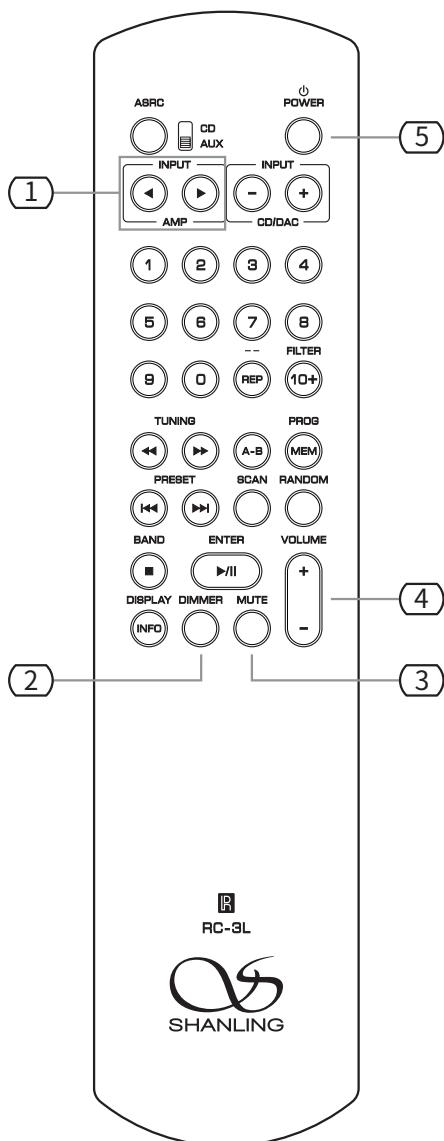


- | | | |
|--------------------------|------------------------------------|--------------------------|
| 1. RCA Input | 4. Mode Switch (Set to MONO POWER) | 7. Power Switch |
| 2. XLR Input | 5. Input source switch | 8. Positive speaker port |
| 3. Negative speaker port | 6. AC power input (With fuse) | |

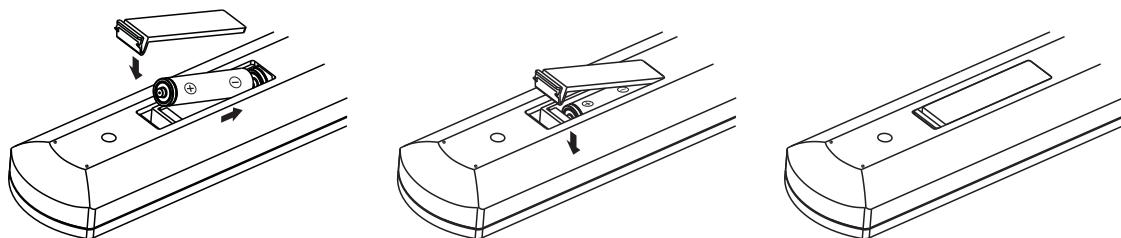
A3.2 INTEGRATED AMPLIFIER



Remote Control Diagram



1. Input switch
2. Brightness adjustment
3. Mute
4. Volume
5. Standby Switch



Note:

1. The valid distance of the remote controller is not more than 10m and the included angle of remote control is not more than 30°.
2. Buttons without function names on the remote controller have no use for this product. It is normal that there will be no response when you press them.

Operation Instructions

Power On/Off

1. Firstly connect power cord and analog inputs. Then press the main power switch on the back of amplifier to ON position. Power indicator on front panel will light up, now you can press the Standby button on front panel or remote [**¶**] to fully turn on the amplifier.
2. To turn off the amplifier, press the [**¶**] button on amplifier or remote. Then set the main power switch on the back of amplifier to off position.
3. If the amplifier is not used for a longer time, it's recommended to disconnect power cord.

Input switching

Press the [IN- / IN+] buttons on front panel or [**◀INPUT▶**] on remote to switch between different inputs. Active input will be shown on the multifunctional display.

Volume control

Press the [VOL-/VOL+] buttons on front panel or [VOLUME-/+] on remote to adjust volume. Current volume will be shown on the multifunctional display.

Output protection

When the output of the amplifier is overloaded, a protection relay will be automatically disconnected immediately. Multifunctional display will show "PROTECT" message. Immediately turn off the main power switch, to prevent any further damage. Please wait at least 5 minutes before trying to restart the amplifier.

Gain adjustment

Set the amplifier gain accordingly for your connected sources and speakers. "HIGH GAIN" is recommended for low sensitive speakers and weak sources. "LOW GAIN" is recommended for high sensitive speakers or high output sources.

Mode selection

Switch between different use modes of the Amplifier.
(Note: Amplifier needs to be restarted after switching mode)

Mute function

1. Press the [MUTE] button on front panel or remote, display shows "MUTING". Output is muted.
2. Press the [MUTE] button again to resume normal playback. Please check the volume level before unmuting the output.

Brightness adjustment

1. Press the [DIMMER] button on remote to adjust brightness of the multifunctional display, cycling between Bright, Dark and Off.
2. At default, Amplifier is set to Bright.

Bluetooth Input

1. Switch the input to Bluetooth BT mode.
2. Open Bluetooth settings on your device and search for new devices.
3. Amplifier will show up as "Shanling A3.2(21)".
4. Pair it with your device and let it connect.

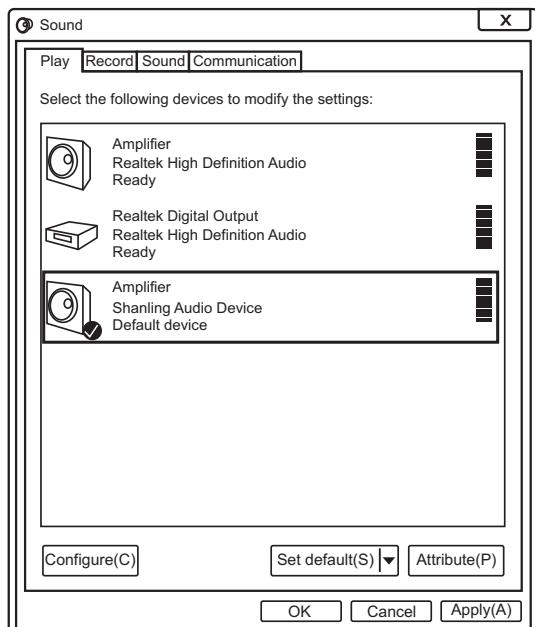
USB DAC Mode

1. Connect a USB cable from your computer to the rear panel of amplifier.
2. Turn on the amplifier and switch input source to USB inout.
3. Install matching USB drivers onto your Windows computer.

Drivers can be downloaded from our

Official website en.Shanling.com, look for A3.2 (21) in the downloads section.

4. Go into sound settings on your computer and set the "Shanling Audio Device" as your default device for sound.
5. Player supports DSD playback via DOP. Please set your software accordingly.



A3.2 INTEGRATED AMPLIFIER



Specifications

Technical parameters	<p>Input sensitivity: 600mV (RCA); 1.2V (XLR) Frequency response: 10Hz - 30kHz (-1dB) Phono input sensitivity: 4mV Distortion: <0.009% (5W) Maximum output power: 400W/4Ω x 2; 200W/8Ω x 2 (Stereo) 500W/8Ω (Mono) Signal to noise ratio: >98dB USB input: USB2.0; 32bit/768kHz DSD support: DSD64; DSD128; DSD256; DSD512 Wireless connection: Bluetooth 5.0</p>
General parameters	<p>Max power consumption: 600W Dimensions (W x D x H) : 460 x 455 x 226mm Weight: 29kg</p>

Accessories

Manual: 1
Warranty card: 1
Power cord: 1
USB cable: 1
Remote control: 1



微信公众号



微博公众号

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Shenzhen Shanling Digital Technology Development Co.,Ltd.

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服务热线/Telephone: 400-630-6778

电子邮件/E-mail: info@shanling.com

官网/Official Website: www.shanling.com

工作时间(周一至周五): 08:00-12:00; 13:30-17:30

由于产品不断改进,各项规格及设计随时更改,恕不另行通知。

Due to continuous improvement, every specification and design is subject to change at any time without further notice.