

Singxer SA-1 User Handbook



Singxer SA-1 Headphone AMP User Handbook

1. Thank you for choosing Singxer product. Please check the appearance and all its accessories carefully once you have Singxer SA-1 in hand.
2. SA-1 supports a global power supply voltage of 100V-240VAC; before turning on, it is recommended not to plug in headphones. Plug in the power cord, turn on the power switch, and the light of the power socket will light up.
3. There are three toggle switches on the front panel, the leftmost switch is the mode selection switch. In OFF mode (standby mode), the main power supply of the internal amplifier circuit is turned off and the output is turned off. HPA (headphone amplifier) mode, the main power supply of the internal amplifier circuit works, the front 3 headphone output ports are turned on, and the PRE output is turned off. In PRE mode, the headphone output port is closed, and the 2 preamp outputs on the rear panel are turned on. SA-1 does not support HPA output and PRE out at the same time. Note: do not dial the mode selection switch quickly.
4. Next to the switch is a status indicator, which goes out in OFF mode. In HPA and PRE mode, the indicator lights up blue. When the indicator light is red, it is in the protection state and the output is turned off. In HPA and PRE mode, first turn on the power switch at the back, the indicator light will light up red for 3 seconds, then turn blue. If there is a constant red light, or red and blue flashing alternately, it means that the machine has protection or circuit failure. Please do not connect to the load at this time.
5. The switch in the middle is a 2-way input selection switch to select RCA single-ended input or XLR balanced input. The 2 inputs are independent and do not affect each other.
6. The switch on the right is to select the impedance of the headphone output, LOW-Z is low impedance mode, and HI-Z is high impedance mode. The low-impedance output impedance is 1.4 ohms (balanced) and 0.7 ohms (single-ended); the high-impedance output impedance is 11.4 ohms (balanced) and 10.7 ohms (single-ended). This mode is only valid in the headamp mode. In the PRE output, the single-ended impedance is 22.5 ohms, and the balanced impedance is 45 ohms.
7. Three headphone output ports on the front panel, 4.4 balanced output, 6.35 single-ended output, XLR four-core balanced output. The output port adopts the line sequence commonly used in the industry. Note that the 6.35 socket cannot be connected to mono equipment; the negative pole of the balanced output cannot be grounded.
8. High and low gain switches, at the bottom of the chassis, there are a total of 4 toggle switches; when used, they need to be turned to one side together; near the outside of the chassis is low gain, and the inside is high gain. The low gain is 0db, that is, the magnification is 1 times; when the high gain is 11db, that is about 3.8 times. It is recommended to dial the gain switch when shutting down; when turning, you need to fully dial to the side, not the middle position .
9. The rear panel is an input and output socket, which supports single-ended RCA and XLR balanced inputs, and the output is single-ended RCA and XLR balanced. The standards adopted by the XLR socket are: 1 GND, 2 positive, and 3 negative. Note: the XLR output does not support negative grounding.

SA-1 耳放/前级快速使用手册

1. 感谢您选择 Singxer 的产品,拿到机器后,请先检查机器外观是否完整,配件是否齐全。
2. SA-1 支持全球电源电压 100V-240VAC; 开机前,建议先不要插入耳机;插入电源插头,打开电源开关,电源插座的灯亮起。
3. 前面板有三个钮子开关,最左边的开关是模式选择开关。OFF 模式(待机模式)下,内部放大电路的主电源关闭,输出关闭。HPA 模式,即耳机放大器模式,内部放大电路的主电源工作,前面 3 个耳机输出口开启,前级输出关闭。PRE 模式,即前级模式,耳机输出口关闭,后面板的 2 路前级输出开启。本机不支持前级和耳放模式同时输出。注意使用的时候,不要快速的拨打模式选择开关。
4. 开关旁边为状态指示灯,OFF 模式下指示灯熄灭。HPA 和 PRE 模式下,指示灯为蓝色亮起。指示灯为红色的时候,处于保护状态,输出被关闭。在 HPA 和 PRE 模式下,先开启后面的电源开关,指示灯会先亮起红色 3 秒,再变成蓝色。如果出现红色常亮,或者红色蓝色交替闪烁,表示机器出现保护现象或者电路故障,此时请不要接入负载。
5. 中间的开关,是 2 路输入选择开关,选择 RCA 单端输入还是 XLR 平衡输入。2 路输入的独立,互不影响。
6. 右边的开关是选择耳机输出的阻抗,LOW-Z 是低阻模式,HI-Z 是高阻模式。低阻输出阻抗为 1.4 欧(平衡)和 0.7 欧(单端);高阻输出阻抗为 11.4 欧(平衡)和 10.7 欧(单端),该模式仅在耳放模式下有效。前级输出时,单端阻抗为 22.5 欧,平衡阻抗为 45 欧。
7. 前面板 3 个耳机输出口,4.4 平衡输出,6.35 单端输出,XLR 四芯平衡输出。输出口采用业界常用的线序。注意 6.35 插座,不能接单声道的设备;平衡输出时的负极不能接地。
8. 高低增益开关,在机箱底部,一共 4 个拨动开关;使用的时候,需要 4 个一起拨向一边;靠近机箱外侧为低增益,内侧为高增益。低增益的是 0db,即放大倍数是 1 倍;高增益时为 11db,即大约 3.8 倍. 建议关机的时候,拨打增益开关;拨动的时候,需要完全拨到边,不能拨在中间的位置。
9. 后面板为输入输出插座,支持一组单端 RCA 和一组 XLR 平衡输入,输出也是一组单端 RCA 和一组 XLR 平衡。XLR 插座采用的标准为: 1 GND, 2 正极, 3 负极。前级输出的 XLR 平衡,不支持负极接地。

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