

Singxer SDA-6 PRO2 快速使用手册



SDA-6 PRO2 DAC Quick Start Guide

1. Thank you for choosing Singxer's products. After receiving the DAC, please check the appearance of the DAC for completeness and accessories for completeness.
2. Check the power voltage before starting the device. There are two types of input voltage. Labeled 110V/220V, corresponding to 100-120V/220-240VAC. Connect the power cord, turn on the power switch, and the LED on the plug will turn on.
3. Insert the USB cable to connect to a computer or Digital player. The USB needs to be powered with 5V. For WINDOWS systems, you need to install the driver provided by us. The latest version of WIN10/11 can be used without a driver, but it is recommended to use our driver; LINUX and MAC come with their own drivers and do not require additional installation.
4. After the computer or Digital player recognizes SDA-6, set the player to select SDA-6 as the output device; click play, and SDA-6 displays the corresponding sampling rate.
5. Most players need to be set correctly to play DSD file; if the DSD sampling rate is displayed incorrectly, it is mostly due to a problem with the DSD playback settings; please refer to our other documents for the setup steps.
6. The front panel of the SDA-6 uses an OLED screen to display various information, with no touch function; there are a total of six areas for display, namely digital filter (D-filter), PLL options, clock options, volume (VOL), input source, and sampling rate.
7. There are 6 types of digital filters in PCM and DSD modes, namely SHARP/SLOW/SHORT SHARP/SHORT SLOW/NOS/ LOW-DISPERSION. In Native DSD mode, there is only one type: NOS; at which point the volume is not controllable and displays as MAX.

8. PLL option: Set the switch 8 on the bottom of the dac to control the PLL. When it is ON, the PLL is turned on. The PLL option is only valid for optical, coaxial, AES, and BNC inputs. When the PLL is locked properly, it displays PLL LOCK. The default setting is to turn on the PLL.
9. Clock option: select whether the clock source is internal clock or input through the EXT CLOCK BNC interface. In USB mode, it supports 10M clock, with a voltage level of 0.5V-3.3V VPP, and can work with both square wave and sine wave. The input impedance is adjustable, and the adjustment switch is located on the eighth switch at the bottom of the chassis. When ON, it is 50 ohm, and when OFF, it is 75 ohm. In coaxial mode (optical, coaxial, AES, BNC input), only WCK (i.e., sampling rate, WCLK) is supported, with a level of 5V TTL and an input impedance of standard 75 ohm (not controlled by switch 8 at this time). When EXT CLOCK LOCK is displayed, use the external clock. When PLL LOCK and EXT CLOCK LOCK are displayed simultaneously, the external clock is used preferentially. The I2S input uses a pass-through mode and does not support PLL and external clocks.
10. Input source selection, in order: USB, I2S, OPT, COAX, AES, BNC; single press INPUT to cycle through input sources; all input interfaces support DSD, with OPT, COAX, AES, BNC supporting DSD DOP. When using I2S, please note the DIP switches on the bottom of the chassis to correspond to different line sequences. XLR and RCA are simultaneously output, with an internal 6-way buffer output stage that does not affect each other (for specific settings of I2S, please refer to relevant documentation).
11. Sampling rate display: PCM is 44.1K-768K, DSD is 2.82M-49.1M, corresponding to DSD64-DSD1024 respectively.
12. The four buttons are Standby, D-filter, CLK, and INPUT. Clicking the Standby button controls the output mute, and the OLED displays MUTE. Long-pressing for 2 seconds enters the standby state, where the OLED screen is turned off and the yellow LED standby light on the left side of the

OLED. Pressing any key exits the standby state. In the standby state, only the output is turned off, but the internal circuitry is working normally.

13. The OLED screen has a default screen saver function that will turn off after 1 minute of inactivity. The yellow LED will light up and other functions will be normal. Press any key to exit the screen saver. You can enter the secondary menu to set the OLED to always be on.

14. Press and hold the D-filter button for 3 seconds to enter the second level menu; you can use the CLK and INPUT buttons to select up and down, and the D-filter button to jump to the next level option; press and hold the D-filter button for 3 seconds to exit the second level menu. The following are the factory default configurations for the second level menu:

1.OLED: Auto	5.Gain:Hign
2.Brightness: 2	6.DSD MODE: Normal
3.Volume : 90	7.DSD Filter :low
4.Over sampling:128X	8.MCLK:Low

When setting option 6: DSD MODE, you need to restart the machine to set it successfully (Native DSD mode cannot adjust volume).

15. The functions of the remote control correspond to those of the buttons and knobs mentioned above. MUTE is for mute, POWER is for standby, and the white one above is the LED indicator light. The PLL, INV, and PRE buttons are spare keys that do not work on the SDA-6PRO2. Bri is used to adjust the brightness of the OLED screen, with a total of 3 levels of brightness. The default is level 2 brightness.

SDA-6 PRO2 解码器快速使用手册

1. 感谢你选择 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. 接入电源线,开机前请检查电源电压是否合适,输入电压有 2 种,标签 110V/220V,对应的电压是 100-120V/220-240VAC;打开电源开关,电源插座的灯亮起。
3. 插入 USB 线,连接电脑或者数字播放器,USB 需要带 5V 的电源。WINDOWS 系统需要安装我们提供的驱动程序,WIN10/11 最新版本可以免驱使用,但是推荐使用我们提供的驱动; LINUX 和 MAC 自带驱动,不需要另外安装驱动。
4. 电脑或者数字播放器识别到 SDA-6 之后,设置播放器,选择 SDA-6 作为输出设备;点击播放,SDA-6 显示对应的采样率。
5. 多数播放器设置正确才能播放 DSD;如果 DSD 采样率显示不对,大部分情况是 DSD 播放设置问题;设置步骤请参考我们的其他文档。
6. SDA-6 的前面板采用 OLED 屏显示各种信息,没有触摸功能;一共 6 个区域显示,分别是数字滤波器(D-filter),PLL 选项,时钟选项,音量 VOL,输入源和采样率。
7. 数字滤波器在 PCM 和 DSD 模式下有 6 种,分别是 SHARP/SLOW/SHORT SHARP/SHORT SLOW/NOS/ LOW-DISPERSION ;Native DSD 模式下只有 NOS 一种,此时音量不可控,显示为 MAX。
8. PLL 选项:设置开关在机器底部拨码开关,第八个开关控制.ON 的时候,控制 PLL 打开,OFF 的时候关闭.PLL 选项仅在光纤,同轴, AES, BNC 输入的时候有效,PLL 锁定正常的时候显示 PLL LOCK。出厂默认是打开 PLL 的。
9. 时钟选项:选择时钟源是内部时钟还是通过 EXT CLOCK BNC 接口输入。
USB 模式下,支持 10M 时钟,电平为 0.5V-3.3V VPP,方波正弦波均可以,输入阻抗可调,调节开关在机箱底部的第八个开关.ON 的时候为 50 欧,OFF 的时候为 75 欧。
同轴模式下(光纤,同轴, AES, BNC 输入),仅支持 WCK(即采样率, WCLK),电平为 5V TTL,输入阻抗为标准的 75 欧(此时不受开关 8 的控制)。
当显示 EXT CLOCK LOCK 的时候,即使用外部时钟。
当同时显示 PLL LOCK 和 EXT CLOCK LOCK 的时候,优先使用外部时钟。
I2S 输入采用直通模式,不支持 PLL 和外部时钟。
10. 输入源选择,依次为 USB, I2S, OPT, COAX, AES, BNC;单按 INPUT 循环选择输入源;所有输入接口均支持 DSD,其中 OPT, COAX, AES, BNC 支持 DSD DOP.使用 I2S 的时候,请注意配置机箱底部的 DIP 开关,以对应不同的线序。输出 XLR 和 RCA 是同时输出,内部 6 路缓冲输出级,互不影响(I2S 具体设置请参考相关文档)
11. 采样率显示:PCM 为 44.1K-768K, DSD 为 2.82M-49.1M,分别对应 DSD64-DSD1024。
12. 四个按键是 Standby, D-filter, CLK, INPUT. 单击 Standby 按键是控制输出静音, OLED 显示 MUTE;长按 2 秒是进入待机状态, OLED 屏关闭, OLED 屏左边的黄色 LED 待机灯闪烁,按下任意键退出待机。待机状态下,只是关闭了输出,但是内部电路是正常工作的。
13. OLED 屏默认开启屏幕保护功能,不操作 1 分钟之后关闭 OLED 屏幕,黄色 LED 亮起,其他功能正常;按任意键退出屏幕保护;可以进入二级菜单,设置 OLED 常亮。
14. 长按 D-filter 键 3 秒,进入二级菜单;可以使用按键 CLK 和 INPUT 按键进行上下的选择, D-filter 键跳到下一级选项;长按 D-filter 键 3 秒退出二级菜单。以下是二级菜单的出厂默认配置:

- | | |
|----------------------|--------------------|
| 1.OLED: Auto | 5.Gain:Hign |
| 2.Brightness: 2 | 6.DSD MODE: Normal |
| 3.Volume : 90 | 7.DSD Filter :low |
| 4.Over sampling:128X | 8.MCLK:Low |

其中选项 6: DSD MODE 设置的时候, 需要重启机器才会设置成功 (Native DSD 模式不能调音量)。

15. 遥控器的功能和上述按键旋钮的功能是对应的, MUTE 是静音, POWER 标注代表待机, 上面白色的是 LED 指示灯。PLL, INV, PRE 3 个键功能为备用键, 在 SDA-6PRO2 上面无作用。Bri 是调整 OLED 屏幕亮度, 一共是 3 级亮度, 默认是第 2 级亮度。

SDA-6 PRO2 HDMI-I2S jumper setting table

SW	Describe (ON)	Silk screen	PS Audio Audio-GD MATRIX	HOLO Audio	GUSTARD	L.K.S
SW1	DSD_ON OUTPUT FOR PIN13 (DSD ON 使能引脚 PIN13 输入)	HP13	OFF	OFF	OFF	OFF
SW2	DSD_ON OUTPUT FOR PIN14 (DSD ON 使能引脚 PIN14 输入)	HP14	OFF	OFF	OFF	ON
SW3	DSD_ON OUTPUT FOR PIN15 (DSD ON 使能引脚 PIN15 输入)	HP15	OFF	OFF	ON	OFF
SW4	DSD_ON OUTPUT FOR PIN16 (DSD ON 使能引脚 PIN16 输入)	HP16	OFF	OFF	OFF	OFF
SW5	PCM/DSD AUTO DETECTION (PCM/DSD 自动检测)	DSD_AUTO	OFF	OFF	ON	ON
SW6	LRCLK ADN DATA SIGNAL EXCHANGE (LRCLK 和 DATA 信号反相)	BCH	OFF	OFF	ON	ON
SW7	DSD LR CHANNEL EXCHANGE (DSD 左右声道互换)	DSDCH	ON	OFF	OFF	ON
SW8	PLL switch, input impedance selection (PLL 开关, 输入 阻抗选择)					

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