# GUSTARD

# X26pro

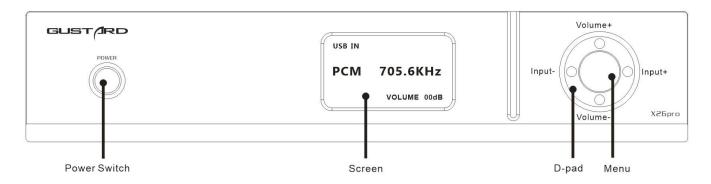
## High-performance Audio DAC User Manual

GUSTARD		
POWER	GUSTARD	Х2Брга

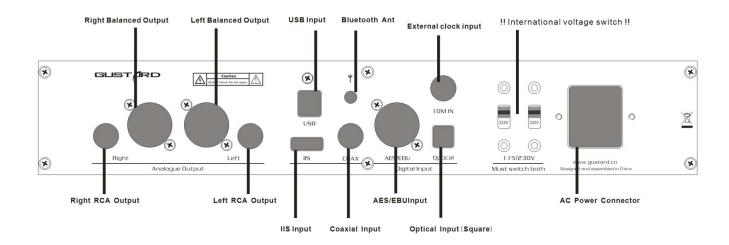
### Table of Contents

Front panel Introduction2
Rear panel Introduction2
Display and menu ·····3
IR Remote control
Windows driver installation •••••••9
DSD playback settings using foobar2000 ····· 12
DSD playback troubleshooting ····· 17
Product specifications
After-sales policy ······ 22

#### Front panel



- 1. The power switch is a button. When the power is off, press the power switch to turn it on. Press again to power off.
- 2. The screen will display the current input channel, encoding format and sample rate, volume and other status.
- 3. The D-pad can be used for input channel selection and volume adjustment; or select and adjust various menu options in the menu state.
- 4. Press the Menu button to enter or exit the menu.

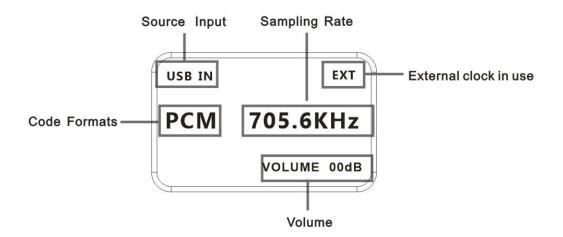


#### Rear panel

\*When operating the international voltage switch, please be sure to set both switches to the same voltage at the same time, otherwise the power transformers of the X26pro will be damaged after power-on.

#### Display and menu

1. The X26pro uses an OLED screen for real-time status display and functional operation. The following graphic shows the status of the main page of the screen.



2. Digital input channel selection:

The X26pro has a total of 6 input channels. In the display state of the main page, short press the function button, you can select the current input channel in the order of COAX—AES—USB—IIS—OPT—BT. Bluetooth device name: GUSTARD BT

3. VOLUME:

When the screen is in the state of the main page, the D-pad's up and down buttons can be used to directly adjust the digital volume attenuation function of the X26pro.

The down button of the D-pad is the attenuation volume, and the up button of the D-pad is for increasing the volume. The volume can be adjusted from 00dB to -90dB for a total of 90 digital volume positions.

4. Settings menu

When the screen is in the main page state, press the menu button to enter the settings menu.

In this state, press the up and down buttons of the D-pad to switch the menu items to be modified according to the direction. The left and right buttons of the D-pad are used to adjust the currently selected menu item.

When the screen is in the setup menu state, pressing the menu button again will return to the main page.

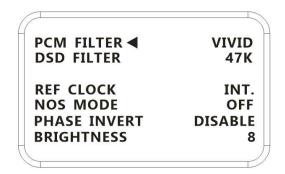
The current menu item is switched by the movement of the arrow, in order:

- -PCM filter
- -DSD filter
- -REF CLOCK SELECT
- -NOS mode
- —Phase invert
- -Brightness

5. Menu items' functions:

The following is a detailed introduction of each menu item:

a. PCM FILTER (PCM digital filter):



The X26pro uses Gustard's proprietary high-performance PCM digital filter algorithm, with a total of three types of PCM digital filters to choose from.

When this menu item is selected, pressing the right button of the D-pad will cycle through the VIVID - GENTLE - COMPOSITE sequence, and press the left button of the D-pad to reverse the loop.

The VIVID filter is similar to the traditional digital filter's FAST roll-off type, which has excellent ringing characteristics, minimal pre-ringing, and fast-converged post-ringing. The VIVID filter provides very realistic and accurate detail, sound field and sound reproduction. We strongly recommend using this digital filter when listening to most music genres.

GENTLE is similar to the traditional digital filter SLOW roll-off type, which sounds more elegant and relaxed.

COMPOSITE is a composite digital filter. Its ringing characteristics are mainly post-ringing and have a very good sound.

b. DSD Filter (DSD digital filter):

PCM FILTER	VIVID
DSD FILTER ◀	47K
REF CLOCK	INT.
NOS MODE	OFF
PHASE INVERT	DISABLE
BRIGHTNESS	8

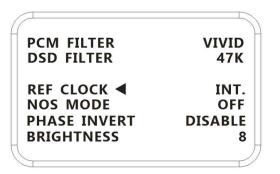
The X26pro has a total of 4 DSD filter cutoff frequencies that can be adjusted.

When the menu item is selected, pressing the right button of the D-pad will cycle through the order of 47K - 50K - 60K - 70K, and press the left button of the D-pad to reverse the loop.

Please adjust according to the different DSD sampling rate of your playback. For example, if you listen to DSD64 (2.82M) most, it is recommended to use 47K.

Choosing a larger bandwidth means more high frequency details.

c. REF CLOCK (Reference Clock Selection):



GUSTARD-K2, low noise clock synthesizer. With ultra-low phase noise, the synthesized clock achieves femtosecond ultra-low jitter performance, and can directly transmit the near-end performance of the reference clock. Benefit from the high-precision divider, the precision of the synthesized audio clock reaches the ppb level. Benefiting from this, the master clock of the ES9038PRO decoder chip built in X26pro is also controlled by the K2 high-precision lock synthesizer, which directly works in super-synchronous mode to synchronize ASRC re-sampling, and no longer depends on ASRC to guarantee performance (100M clock is no longer needed).

REF CLOCK can select INT. internal reference, use the internal flying seconds. Or select EXT. to select the external 10M reference source, you can connect GUSTARD C16 or C18 to reference the 10M master clock.

When the EXT mode is selected and the external 10M is correctly locked. After exiting the menu, the main screen will display EXT.

USB IN	EXT
РСМ	705.6KHz
	VOLUME 00dB

When the external clock is selected, if the external clock is lost or the deviation of the external clock is greater than + -150 ppm, EXT ERR will be displayed.

USB IN	EXT ERR
РСМ	705.6KHz
	VOLUME 00dB

d. NOS MODE (Non-OverSamlping Mode):

PCM FILTER	VIVID
DSD FILTER	47K
REF CLOCK	INT.
NOS MODE <	OFF
PHASE INVERT	DISABLE
BRIGHTNESS	8

As PC performance continues to evolve and the performance of oversampling digital filter algorithms built into the audio player software advances, CAS audiophiles can use highperformance PCs for digital oversampling filter processing. Then, digital audio stream signals that have been processed by the oversampling digital filter are directly sent to the DAC chip by using a digital audio transmission interface such as USB audio that supports high sampling rate. This provides a higher sound quality and a different listening experience.

In other words, this means that you need to bypass the digital filter integrated in the DAC. The X26pro can be set to bypass the built-in high-performance oversampling digital filter so that the sound of an external high-performance digital filtering algorithm can be easily heard.

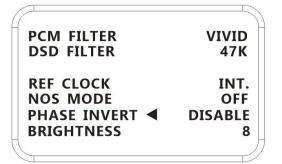
There are 2 modes available for this menu item:

1. OFF: Do not open the NOS mode, that is, use the built-in high-performance supersampling digital filter of X26pro.

2.ON: Turn on the NOS mode.

\*In NOS mode, due to the design of the ESS chip, when directly playing back a lower sampling rate such as 44.1kHz, the output analog signal frequency bandwidth will only be 8kHz. Therefore, it is not recommended to play back CD format in NOS mode.

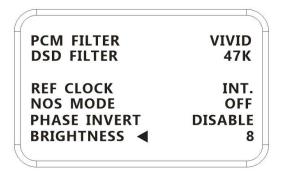
e. PHASE INVERT (Analog output phase inverting switch):



This function has two options: DISABLE (RCA positive phase output - XLR American standard) and ENABLE (RCA inverted output - XLR Japanese / European standard) optional.

When this function is DISABLEd, the RCA output of the X26pro is positive phase, and the XLR balanced output is the American standard polarity output, which is 1 ground, 2 hot, and 3 cold. When this function is ENABLEd, not only the RCA output is the inverting output, but the XLR balanced output will be the Japanese/European standard polarity output, which is 1 ground, 2 cold, and 3 hot.

f. BRIGHTNESS (Screen brightness):



This menu item adjusts the brightness of the OLED screen, and a total of 8 screen brightness levels can be adjusted.

#### IR Remote control



\* X26pro uses the new remote control, please press and hold the DAC key for more than 3 seconds to enter the DAC operation mode. AMP and STREAM modes are used to control other types of GUSTARD products

- Mute button: In the non-mute state, press this button once, the X26pro will be muted; press this button again to unmute.
- (2) Menu button: Press this button once to enter the setup menu of the X26pro, press this button again to exit the setting menu.
- ③ D-pad and OK button: After entering the setting menu of the X26pro, use the up/down of the D-pad to switch the function to be adjusted, and adjust the options by left/right. Press OK to confirm the result and return to the main page.
- ④ Back button: Returns to the main page state.
- (5) Volume minus button: When the X26pro is in the main page state, press this button to decrease the volume.

(6) Volume plus button: When the X26pro is in the main page state, press this button to increase the volume.

Note:  $\bullet$  The operating distance varies depending on the angle.  $\bullet$  If there is something between the remote control and the IR sensor, it may not operate normally.  $\bullet$  If the remote control will not be used for a long time (one month or longer), remove the battery.  $\bullet$  If the battery Leaking, please thoroughly clean all the residues in the battery compartment and install new batteries.  $\bullet$  When using other devices controlled by infrared rays, using this remote control may operate these devices by mistake.

#### Windows driver installation

\*The unit's accessories contain a CD containing the GUSTARD USB Audio driver. This driver can also be downloaded from our official website http://www.gustard.cn

\*This driver supports Windows 7 (SP1 and newer); Windows 8; Windows 10

- 1. For users who use a desktop PC to connect to the X26pro, it is recommended to use the native USB2.0 interface. It is also highly recommended to use the USB port on the back of the chassis. Because the USB port on the rear panel of the chassis is directly connected to the motherboard. The USB port on the front of the chassis is connected to the motherboard with an extension cable, which has a certain negative effect on high-speed signals.
- 2. Please connect the X26pro to the computer with the USB cable, then turn on the power of the X26pro. The computer will prompt you to find new hardware and try to set the device. If you don't see this prompt, please try to replace other USB ports or manually restart X26pro.



3. Open the CD and double-click to run the Gustard\_USBAudio\_v1A\_2018-10-15\_setup.exe program.

If the "User Account Control" window appears, click "Yes".

□   □ □ =   文件 主页 共	应用程序工具 享 查看 管理	GUSTARD USB D	river -	- □ × ^ ()
★ 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章	💴 🔒 移动到 🔹 🗙 删除		✓ ■ • 属性 万开	<ul> <li>         全部选择         ● 全部取消         ● 反向选择         选择         ● 近择         </li> </ul>
$\leftarrow \rightarrow \checkmark \uparrow \Box$				ARD USB Dr P
■ 桌面 ↓ 下载	* ^ 名称 * foobar2000_DS	^ D 0.7.8		修改日期 2017/12/30 1:27
🔮 文档 📰 图片	Custard_USBAu		5_setup.exe	Concerning of the local sectors of the local sector
💻 此电脑 🦲 PDF	*			
ICO DESKTOP NEW	* [*			
OLDDESKTOP 2 个项目 选中 1 个J	* v x			> [::: [::]

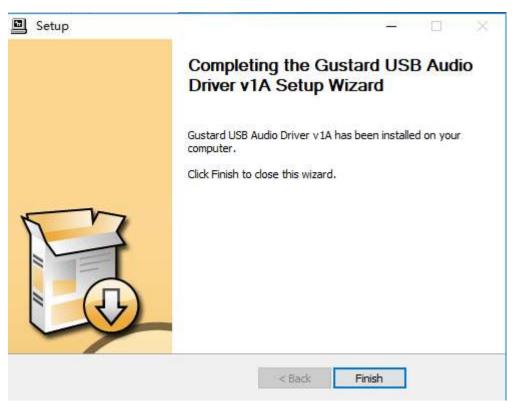
4. Click the next or install button as prompted.



5. When the installer checks the device, if there is a red text prompt: Setup requires that the device is..., please restart the GUSTARD X26pro or re-plug the USB cable.



6. The figure below shows the screen for successfully installing the driver. Click Finish to complete the installation.



DSD playback settings using foobar2000

1. Open the folder foobar2000\_DSD\_0.7.X, double-click to run ASIOProxyInstall-0.7.2.exe, and then click next or install to complete the installation.

ASIO Proxy for foobar20	00 Setup: Installat	'a⊒si		×
Check the components you don't want to install.	ou want to install and und Click Next to continue.	theck the	e compone	ents
Select components to install:	ASIOProxy (requ	ired)		
Space required: 306.0KB Cancel Nullsoft Install	System v2.46		Nex	t>

2. Run Foobar2000. Click File -> Preferences.

😧 fo	oobar2000 v1.3.16					
File	Edit View Pla	y <mark>back Libra</mark> r	y Help			E
	Open	Ctrl+O	伶歌	人声	古典	亲
	Open audio CD		Playi	Artist	/a <mark>lb</mark> um	
	Add files		? - ? (	DSD12	28) —	
	Add folder			? - ?		
	Add location	Ctrl+U	? - ? (	DSD25	56) —	
	New playlist	Ctrl+N		? - ?		
	Load playlist			? - ?		
	Save playlist	Ctrl+S		? - ?		
	Preferences	Ctrl+P		? - ?		
	references	Currr		? - ?		
	Exit			? - ?		
				2 2		

#### 3. Click on "Components" on the left and click on "Install" on the bottom right.

Components 1	Installed components:	R	ight-click a comp	onent for ad	ditional optic	ons
Components Display Context Menu Context Menu Colors and Fonts Playlist View Keyboard Shortcuts Media Library	Name Album List CD Audio Decoder Converter Default User Interface Equalizer	Version 4.5 3.0 1.5 0,9.5 1.2	Module foo_albuml foo_cdda foo_conve foo_ui_std foo_dsp_e	ist rter q	ditional optic	
Album List     Networking     Playback     DSP Manager     Output     Shell Integration     Tools     Tagging     m freedb Tagger     Advanced	FFmpeg Decoders File Operations foobar2000 core Monkey's Audio Decoder Online Tagger ReplayGain Scanner Resampler DSP (SSRC X) Standard DSP Array Standard Input Array WASAPI output support ZIP/GZIP/RAR Reader	3.2.4 2.2.2 1.3.16 2.1.7 0.7 2.2.2 0.57 1.3.1 1.0 3.3 1.8	foo_input_ foo_fileops Core foo_input_ foo_freedb foo_rgscar foo_dsp_si foo_dsp_si foo_out_w foo_out_w foo_unpad	monkey 22 11 srcX td std asapi		
	Get more components Why are some components graved ou	<u>t2</u>	2 Install	opy report	Get updat	es
	Reset all Reset page		ок	Cancel	Apply	

Use the mouse to select two files at the same time, or press Ctrl to select two files at the same time. Then click "Open".

T	« GU	STARD US → foobar2000_DSD_0.7.X	√ Ö	搜索"foo	bar2000_DSD_0.7.X	°
组织 ▼ 新建文	(件实				💷 🔹 🛄	?
💪 OneDrive	^	名称 ^	修改日	期	类型	オ
💷 此电脑		foo_input_sacd.fb2k-component	2015/	4/6 21:41	foobar2000 Co	
		🛐 foo_out_asio.fb2k-component	2013/	5,24 17:17	foobar2000 Co	
- 视频				1		
■ 图片				- And		
🔮 文档						
<ul> <li></li></ul>						3
	~	<				
➡ 下载	✓		o input sa 🗸	foobar2	000 components (f	

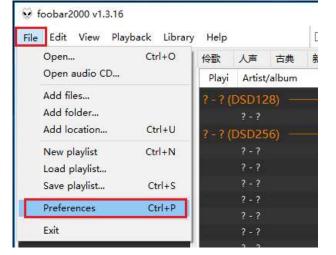
Name Album List CD Audio Decoder Converter Default User Interface Equalizer FFmpeg Decoders	Version 4.5 3.0 1.5 0.9.5 1.2	Module foo_albumlist foo_cdda foo_converter foo_ui_std
CD Audio Decoder Converter Default User Interface Equalizer	3.0 1.5 0.9.5	foo_cdda foo_converter
Converter Default User Interface Equalizer	3.0 1.5 0.9.5	foo_cdda foo_converter
Converter Default User Interface Equalizer	1.5 0.9.5	foo_converter
Default User Interface Equalizer	0.9.5	State - State State -
	1. Z	foo dsp eg
	3.2.4	foo input std
File Operations	2.2.2	foo fileops
foobar 2000 core		Core
Monkey's Audio Decoder		foo input monkey
	0.7	foo freedb2
	2.2.2	foo_rgscan
	0.57	foo dsp ssrcX
	1.3.1	foo dsp std
	1.0	foo input std
	3.3	foo out wasapi
ZIP/GZIP/RAR Reader	1.8	foo unpack
(unknown - please apply changes to load)	(unknown)	foo_input_sacd
(unknown - please apply changes to load)	(unknown)	foo out asio
	foobar 2000 core Monkey's Audio Decoder Online Tagger ReplayGain Scanner Resampler DSP (SSRC X) Standard DSP Array Standard Input Array WASAPI output support ZIP/GZIP/RAR Reader	foobar 2000 core1.3.16Monkey's Audio Decoder2.1.7Online Tagger0.7ReplayGain Scanner2.2.2Resampler DSP (SSRC X)0.57Standard DSP Array1.3.1Standard Input Array1.0WASAPI output support3.3ZIP/GZIP/RAR Reader1.8(unknown - please apply changes to load)(unknown)

Two rows of component information will be added to the component list, followed by "Apply".

The window shown below will pop up and click "OK". Then Foobar2000 will restart.



4. Click File  $\rightarrow$  Preferences again.



#### 5. Expand Playback - Output - ASIO, and double-click foo\_dsd\_asio.

Preferences: ASIO		?	×
r Components ✓ Display	ASIO drivers		
Context Menu Default User Interface Colors and Fonts Playlist View Keyboard Shortcuts	ASIO Chord 1.05 Combo384 ASIO 1.03 BRAVO-HD foo_dsd_asio GROOVE TEST NATIVE GROOVE TEST NATIVE		
<ul> <li>Media Library</li> <li>Album List</li> <li>Networking</li> <li>Playback</li> <li>DSP Manager</li> <li>Output</li> <li>2</li> <li>ASIO</li> <li>3</li> </ul>	Double-click an entry to activate the driver's control panel. Use 64-bit ASIO drivers Run with high process priority Custom channel mappings		
		A	Add New
<ul> <li>Tagging</li> <li>freedb Tagger</li> </ul>			Edit
Advanced			Remove
	This feature allows you to configure alternate channel mappings for soundcards. You may need to close and re-open the foobar 2000 preferences dia added mappings to appear as output devices in the "output" page.		
	Reset all Reset page OK	Cancel	Apply

6. In the "foo\_dsd\_asio v0.7.2" window. Select "Gustard USB Audio" from the drop-down menu of the first line ASIO Driver.

Select "ASIO Native" from the drop-down menu in the second line of the DSD Playback Method.

For other settings, please make the same selection according to the red box in the figure. Then click the X in the upper right corner to exit.

foo_dsd_asio v0.7.2					×
ASIO Driver:	Gustard USB Audio	)			•
DSD Playback Method:	ASIO Native				•
DSD to DSD Method:	None	-	Fs:	DSD256	•
PCM to DSD Method:	None	-	Fs:	DSD512	•
DSD/PCM Transition:	50 ms	•			

 Click "Output" on the left, then select "ASIO:foo\_dsd\_asio" from the drop-down menu for "Device" on the right.

Components	Device	
Display Context Menu	ASIO : foo_dsd_asio	
<ul> <li>Default User Interface</li> <li>Colors and Fonts</li> <li>Playlist View</li> </ul>	Buffer length	
Keyboard Shortcuts		
· Media Library	960 m	ns
Album List	Warning: setting too low buffer length may caus	10 DESTRUCT RELEASE AND 1948
····Networking	warning, setting too low barrer length may caus	e some visualization encets to stop working.
· Playback	Output format	
DSP Manager	Participant and a second se	
V Output	Output data format:	- Dither
- Shell Integration	Output data format will be chosen automatically for t	the selected device.
· Tools		
SACD		
✓ Tagging		
freedb Tagger		
- Advanced		

8. Then click on Tools -> SACD and select "DSD" from the drop-down menu in the Output Mode on the right. Finally click "OK" below to complete the setup.

Preferences: SACD						?	×
✓ Components ✓ Display	Output Mode:	DSD v 3					
<ul> <li>Offective Interface</li> <li>Colors and Fonts</li> <li>Playlist View</li> </ul>	PCM Volume:	+6dB 🗸 🗍	DeClicker	Log Overloads			
Keyboard Shortcuts	PCM Samplerate:	352800 💛					
<ul> <li>✓ Heala Library</li> <li>✓ Album List</li> <li>✓ Networking</li> <li>✓ Playback</li> </ul>	DSD2PCM Mode:	Multistage (Fixed-Poir	nt)	- Load Sa	ive		
DSP Manager	Preferable Area:	Stereo 🗸 🗸					
ASIO Shell Integration Tools 1 agging Freedb Tagger Advanced	Editable Tags		D				
	Reset all Re	eset page	4	ОК	Cancel	Ap	ply

#### DSD playback troubleshooting for Foobar2000

1. Q: Why does my foobar2000 preference window play (Playback) -> Output (Output) does not show ASIO?

A: Because you don't have the ASIO component installed. Drag the foo\_out\_asio.fb2kcomponent file from the foobar2000\_DSD\_0.7.X folder to the space in the box to the right of the component option in the preference window of foobar2000, then click the "Apply" button in the lower right corner. Click OK in the Restart foobar2000 dialog that pops up at this time. After restarting foobar2000, you can find the ASIO option.

・播放	已安装组件:	已找到的	组件: (右键点击可查看插件的附加递
DSP 管理器	名称	版本	组件
▲·输出	ASIO support	2.1.2	foo_out_asio
□T具	CD 音频解码器	3.0	foo_cdda
SACD	foobar2000 核心	1.3.8	Core
一快捷键	Monkey's Audio 解码器	2, 1, 7	foo_input_monkey
媒体库	Super Audio CD Decoder	0.7.8	foo_input_sacd
小売交互	标准 DSP 组	1,3,1	foo_dsp_std
- 网络	标准输入组	1.0	foo_input_std
显示	播放增益扫描器	2, 2, 1	foo_rgscan
组件	均衡器	1.0	foo_dsp_eq
高级	默认用户界面	0.9.5	foo_ui_std
	专辑列表	4.5	foo_albumlist
	转换器	1,5	foo converter
( foobar20			
	▶ foobar2000 Components ▼	← ◆• 搜索 foobar	2000 C P
	▶ foobar2000 Components   ▼ 新建文件夹		
L织 ▼ 😯 Install ▼	◆ foobar2000 Components 新建文件夹 foo_input_sacd.fb2k-componer		2000 C P
L织 ▼ ● Install ▼ ● 下载   ▲ ■ 桌面	◆ foobar2000 Components 新建文件夹 foo_input_sacd.fb2k-componer foobar2000 Component		2000 C P
L织 ▼ 😯 Install ▼	◆ foobar2000 Components 新建文件夹 foo_input_sacd.fb2k-componer		2000 C P
L织 ▼ ● Install ▼ ● 下载   ▲ ■ 桌面	◆ foobar2000 Components 新建文件夹 foo_input_sacd.fb2k-componer foobar2000 Component		2000 C P
<ul> <li>註訳 ▼ ● Install ▼</li> <li>下载</li> <li>重 桌面</li> <li>3 最近访问的位置</li> </ul>	◆ foobar2000 Components 新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB		2000 C P
<ul> <li>Ⅰ织 ▼ ○ Install ▼</li> <li>● 下载</li> <li>■ 桌面</li> <li>③ 最近访问的位置</li> <li>■ 库</li> </ul>	foobar2000 Components ↓ 新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB foo_out_asio.fb2k-component		2000 C P
<ul> <li>Ⅰ织 ▼ ● Install ▼</li> <li>● 下载</li> <li>● 桌面</li> <li>● 最近访问的位置</li> </ul>	<ul> <li>foobar2000 Components ↓</li> <li>新建文件夹</li> <li>foo_input_sacd.fb2k-component foobar2000 Component 169 KB</li> <li>foo_out_asio.fb2k-component foobar2000 Component</li> </ul>		2000 C 》 ① ② ② 读[1]
<ul> <li>Ⅰ织 ▼ ○ Install ▼</li> <li>● 下载</li> <li>■ 桌面</li> <li>③ 最近访问的位置</li> <li>■ 库</li> </ul>	<ul> <li>foobar2000 Components ↓</li> <li>新建文件夹</li> <li>foo_input_sacd.fb2k-component foobar2000 Component 169 KB</li> <li>foo_out_asio.fb2k-component foobar2000 Component</li> </ul>		2000 C P
组织 ▼ ● Install ▼ ● 「下載 ● 桌面 ● 最近访问的位置 ● 库 ● 视频	<ul> <li>foobar2000 Components ↓</li> <li>新建文件夹</li> <li>foo_input_sacd.fb2k-component foobar2000 Component 169 KB</li> <li>foo_out_asio.fb2k-component foobar2000 Component</li> </ul>		2000 C 》 ① ② ② 读[1]

2. Q: Why is there no SACD in the tool options in my foobar2000's preference window?

A: Because you don't have the SACD component installed. Drag the foo\_input\_sacd.fb2k-component file from the foobar2000\_DSD\_0.7.X folder to the space in the box to the right of the component option in the preference window of foobar2000, then click the "Apply" button in the lower right corner. Click OK in the Restart foobar2000 dialog that pops up at this time. After restarting foobar2000, you can find the ASIO option.

▲ 播放	已安装组件:	已找到的	组件: (右键点击可查看插件的附加选项
DSP 管理器	名称	版本	组件
▲·输出 — ASIO	ASIO support	2.1.2	foo_out_asio
▲·丁具	CD 音频解码器	3.0	foo_cdda
	foobar2000 核心	1.3.8	Core
快捷键	Monkey's Audio 解码器	2, 1, 7	foo_input_monkey
▶□媒体库	Super Audio CD Decoder	0.7.8	foo_input_sacd
一外壳交互	标准 DSP 组	1, 3, 1	foo_dsp_std
网络	标准输入组	1.0	foo_input_std
▶-显示	播放增益扫描器	2.2.1	foo_rgscan
一组件	均衡器	1.0	foo_dsp_eq
高级	默认用户界面	0.9.5	foo_ui_std
	专辑列表	4,5	foo_albumlist
	转换器	1.5	foo_converter
			· · · · · · · · · · · · · · · · · · ·
	► foobar2000 Components -	↓ 按素 foobai	-2000 C 👂
组织 🔹 😯 Install 💌	▶ foobar2000 Components   ▼ 新建文件夹		
	新建文件夹	+• <i>搜索 foobai</i>	-2000 C 👂
组织▼ ♀ Install ▼		+• <i>搜索 foobai</i>	-2000 C 👂
组织 ▼ ♥ Install ▼ ▶ 下载 ■ 桌面	新建文件夹	+• <i>搜索 foobai</i>	-2000 C 👂
组织▼ ♀ Install ▼	新建文件夹 foo_input_sacd.fb2k-componen foobar2000 Component 169 KB	+• <i>搜索 foobai</i>	-2000 C 👂
组织 ▼ ♥ Install ▼ ▶ 下载 ■ 桌面	新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB foo_out_asio.fb2k-component	+• <i>搜索 foobai</i>	-2000 C 👂
组织 ▼ ♥ Install ▼ ▶ 下载 ■ 桌面	新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB foo_out_asio.fb2k-component foobar2000 Component	+• <i>搜索 foobai</i>	-2000 C P
组织 ▼ ● Install ▼ ● 下载 ■ 桌面 ● 最近访问的位置 ● 库	新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB foo_out_asio.fb2k-component	+• <i>搜索 foobai</i>	-2000 C P
组织 ▼ ● Install ▼ ● 下載 ● 桌面 ● 最近访问的位置 ● 库 ● 视频	新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB foo_out_asio.fb2k-component foobar2000 Component	+• <i>搜索 foobai</i>	-2000 C P ① ② 求装(I) 夏制报告(C
组织 ▼ <ul> <li>Install ▼</li> <li>下载</li> <li>桌面</li> <li>最近访问的位置</li> <li>屏</li> </ul>	新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB foo_out_asio.fb2k-component foobar2000 Component	+• <i>搜索 foobai</i>	-2000 C P
组织 ▼ ● Install ▼ ● 東面 ● 最近访问的位置 ● 库 ● 视频	新建文件夹 foo_input_sacd.fb2k-component foobar2000 Component 169 KB foo_out_asio.fb2k-component foobar2000 Component	+• <i>搜索 foobai</i>	-2000 C P ① ② 求装(I) 夏制报告(C

3. Q: I have installed the above two Foobar2000 components. Why do I see an error window like the one below when I play the DSD file?

and a second	2000 v1.3.8 使导动图 播放 搅休库 帮助 □ ▷ ៣ Ⅳ № №	
文件	播放错误	×
	未能解决的播放错误:The process receiving or sending data has terminated	-
认 [		
헚		le.
		42
		22 07
		03
		57
		47
		03
	1	58
		28
		- 34
	Armur neuler - Pops caviar 12 The sleeping beauty - wai	
	riddi fisaici i opo cultar i i i i i i i i i i i i i i i i i i i	102

A: Because the version of your ASIOProxy conflicts with the version of the SACD decoding component. The **correct** version is shown below, all of which are 0.7.X.

MACHTY 6.4	已安装		已找到	的组件:(右键点击可查看插
器	名称	~	版本	组件
	CD 音经 foobar	support 频解码器 2000 核心	2.1.2 3.0 1.3.8 2.1.7	foo_out_asio foo_cdda Core
	C provide the second	y's Audio 解码器 Audio CD Decoder	0.7.8	foo_input_monkey foo_input_sacd
	标准口		1,3,1	foo_dsp_std
DSD to	river: yback Method: DSD Method: DSD Method:	Gustard USB Audio	Fs: DSD6	
	M Transition:	0 ms	leeee	

Some users use the old version of foobar2000, and its SACD decoding component stays in the 0.6.X version. If the ASIOProxyInstall-0.7.2. exe program is installed, the version of the foo\_dsd\_asio window is 0.7.2. This creates a conflict with the SACD decoding component.

#### There are two solutions.

One is to update the version of the SACD component, and the installation method is consistent with the solution to the second problem. However, some versions of the foobar2000 component are locked and cannot be replaced. Please reinstall the new version of the official original Foobar2000 to solve the problem.

Second, if you are not willing to reinstall foobar2000, you can install the old version of ASIOProxy, such as ASIOProxyInstall-0.6.5.exe. Google search ASIOProxyInstall-0.6.5.exe to find the download link, which can also solve the problem.

ASIO Driver:	Gustard USB Audio				-
DSD Playback Method:	ASIO Native				•
PCM to DSD Method:	None	-	Fs:	DSD64	•

```
Product specifications
```

Sample rate supported by digital input channels:

```
COAX : PCM 16-24bit/44.1-192kHz; DSD DOP64
AES : PCM 16-24bit/44.1-192kHz; DSD DOP64
OPT : PCM 16-24bit/44.1-192kHz; DSD DOP64
USB : PCM 16-32bit/44.1-768kHz; DSD DOP64-DOP256; NATIVE DSD: DSD64-DSD512
IIS : PCM 16-32bit/44.1-768kHz; DSD DOP64-DOP256; NATIVE DSD: DSD64-DSD512
BT Bluetooth 5.0 : PCM LDAC, AAC, SBC, APTX, APTX LL, APTX HD and other high frequency
encoding, LDAC can achieve 24B / 96K high code transmission
```

\*USB input supported operating system: WIN7 SP1/WIN8/WIN10 32-64bit; macOS; Linux

Analog output performance:

Amplitude frequency response: 20-20kHz /+-0.1 dB DNR: >128dB Crosstalk: -140dB @ 1kHz THD+N: <=0.0001% @1kHz IMD: <0.0006% @-1dBFs

RCA Output level: 2.5Vrms (VOLUME 00dB) Output impedance 100 ohms

XLR Output level: 5Vrms (VOLUME 00dB) Output impedance 100 ohms

Other specifications:

AC Power supply: AC 115V/230V 50/60Hz Power consumption: <60W Dimensions: Width 330mm \* Height 65mm \* Depth 260mm (Excluding protrusions) Weight: 7Kg (including packaging)

#### Product Warranty:

You will enjoy the 2-year free warranty and lifetime maintenance after the date purchasing GUSTARD's X26pro product.

\* The manufacturer bears only the freights from Chinese mainland. Part of the freight and tax generated from overseas will be solved by the user with the dealer negotiation.

#### Free Warranty Service

GUSTARD X26pro from the purchasing date in the free warranty period, the user uses the product in normal, and the product fails due to component quality or manufacturing problems.

#### Beyond the Warranty Service

Belonging to one of the following circumstances, products are no longer provided warranty service.

a. Products from the date of purchase has exceeded a predetermined warranty period.

b. Model, barcodes and purchase date do not match the actual product and warranty card.

c. Without GUSTARD technician permission, unauthorized modifications to the circuit, components or self-repaired product.

d. Damaging caused by irresistible natural forces.

e. Beyond the permitted use of environmental damage.

f. Damaging due to incorrect use or improper storage. Including but not limited to: the voltage is too high to burn the circuits or components; Bumping and resulting in damaging the shell or internal; damaging due to water, oil, liquid and excessive dust; product oxidation or corrosion, etc.

g. Beyond the warranty period, such as an individual component damage, appearance due to human damage, firmware modifications lead to unable to work by unauthorized users. GUSTARD commits to take reasonable maintenance fees (except large area components or circuit board burned beyond repair). Freight and maintenance costs, material costs are required the user to bear.