# 矩声 USB 解码器驱动程序安装及播放器设置指南

# Driver installation and player software configuration of Matrix USB DACs

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### 1. USB 驱动的安装 / USB Driver Installation

a) Windows

## Windows 10/11

直接下载安装最新版驱动程序安装包。下载地址为: Download the latest driver package by the following link. https://www.matrix-digi.com/drivers/Matrix\_Audio\_All\_Driver.zip

### Windows7/8.x

i. 首先保证您的 Windows 7 版本已更新 SP1 的补丁,如下图:

Please make sure your Windows 7 has Service Pack 1 installed.

🕞 🕞 🗸 🖳 🕨 Control Panel 🔸	All Control Panel Items + System	n 🔻 4 <sub>7</sub>	Search Control Panel	٩
Control Panel Home	View basic information	about your compute	r	<u>^</u>
😌 Device Manager	Windows edition			
🛞 Remote settings	Windows 7 Ultimate			
😗 System protection	Copyright © 2009 Microso	ft Corporation. All rights re	eserved.	
Advanced system settings	Service Pack 1			9.
	Rating:	3.2 Windows Experien	ce Index	
	Processor:	AMD Turion(tm) 64 X2 TL	62 2.10 GHz	
	Installed memory (RAM):	4.00 GB (3.19 GB usable)		
	System type:	32-bit Operating System		
See also	Pen and Touch:	No Pen or Touch Input is	available for this Display	
Action Center	Computer name, domain, and	workgroup settings		
Windows Update	Computer name:		🛞 Ch	ange settings
Performance Information and	Full computer name:			
1 0 0 15	Computer description:			-

SP1 补丁下载地址:

URL for SP1 patch:

https://support.microsoft.com/zh-cn/help/15090/windows-7-install-service-pack-1-sp1

### ii. 安装微软 KB3033929 补丁

Install Microsoft KB3033929 patch Windows 7/8.x 32 位, 请下载安装以下补丁: For Windows 7/8.x 32-bit (x86): <u>https://www.microsoft.com/zh-cn/download/details.aspx?id=46078</u>

Windows 7/8.x 64 位, 请下载安装以下补丁: For Windows 7/8.x 64-bit (x64): https://www.microsoft.com/zh-cn/download/details.aspx?id=46148

 Windows Update Standalone Installer
 Image: Comparison of the stalled on the stal

iii. SP1 补丁和 KB3033929 补丁安装完成之后请重启计算机。

Reboot your PC after the Service Pack 1 and KB3033929 patch installation finished.

# iv. 点击下面的连接下载驱动程序安装包, 解压后进入 *Win\_7\_8\_8.1* 文件夹, 安装驱动程序。 Download the driver package by the following link, unzip the package and find the folder *Win\_7\_8\_8.1*, install the driver software.

https://www.matrix-digi.com/drivers/Matrix\_Audio\_All\_Driver.zip

### Windows XP

如果您的操作系统版本是 Windows XP,请下载安装 v2.24 版本的驱动。 请注意,由于微软已经停止对 Windows XP 进行更新,因此仅能使用较早版本的驱动。若想有更好的使用 体验,我们建议您升级操作系统以及驱动程序至更新的版本。

Please download and install the v2.24 driver for Windows XP.

Note: Microsoft has stopped support for Windows XP on April 8, 2014, only an earlier USB driver can be used under Windows XP. For better user experience, we suggest you upgrade Windows and USB driver to a newer version.

v2.24 驱动下载地址:

Download link for v2.24 driver: https://www.matrix-digi.com/drivers/Matrix\_Audio\_All\_Driver\_v2.24.rar

b) macOS

macOS 无需安装驱动程序,请前往"系统偏好设置->声音->输出"进行设置,将输出设备设置为矩声设备即可:

It's not need to install driver for macOS. Simply set the output device to Matrix Audio products in System Preferences>Sound>Output.

	Sound Effects Output Input	
Select a device for soun	d output:	
Name	Туре	
element Series	USB	
MacBook Air Speakers	Built-in	
	se had noss information when playing spatialized audi	ie
Apps may be able to acce	ss head pose information when playing spatialized aud	io.
Apps may be able to acce Settings for the selected	ess head pose information when playing spatialized aud device:	io.
Apps may be able to acce Settings for the selected	ess head pose information when playing spatialized aud device: The selected device has no output controls	io.
Apps may be able to acce Settings for the selected	ess head pose information when playing spatialized aud device: The selected device has no output controls	io.

c) Linux

Ubuntu 无需安装驱动程序即可使用。 It's no need to install driver for Ubuntu.

### 2. 播放软件的设置 / Setup Player Software

a) Windows

### Foobar2000

i. 建议使用官方版的 Foobar2000 播放软件, <u>https://www.foobar2000.org/</u>。 Download Foobar2000 from: <u>https://www.foobar2000.org/</u>

### ii. Foobar2000 下载安装完成之后,还需要安装两个插件:

After Foobar2000 is installed, install the following 2 plug-ins: ASIO: <u>http://www.foobar2000.org/components/view/foo\_out\_asio</u> SACD: <u>https://sourceforge.net/projects/sacddecoder/files/foo\_input\_sacd/</u> ASIO 和 SACD 插件安装完成:

ASIO and SACD plug-ins installed:

Components	Installed components: Right-dick a component for additional options			
✓ Display	Name	Version	Module	
- Context Menu	Album List	1.6.3	foo_albumlist	
> Default User Interface	ASIO Output	2.2	foo out asio	
Media Library	CD Audio Decoder	1.6.3	foo cdda	
- Album List	Converter	1.6.3	foo_converter	
Networking	Default User Interface	1.6.3	foo ui std	
Playback	Equalizer	1.2.2	foo dsp eq	
Decoding	FFmpeg Decoders	4.3.1	foo input std	
- DSP Manager	File Operations	1.6.3	foo fileops	
✓ Output	foobar2000 core	1.6.3	Core	
ASIO	Online Tagger	0.8	foo freedb2	
Shell Integration	ReplayGain Scanner	1.6.3	foo roscan	
· Tools	Standard DSP Array	1.6.3	foo dsp std	
- ReplayGain Scanner	Standard Input Array	1.6.3	foo input std	
- SACD	Super Audio CD Decoder	0.9.6	foo input sacd	
✓ · Tagging freedb Tagger	ZIP/GZIP/RAR/7-Zip Reader	1.6.3	foo_unpack	
	Get more components Why are some components grayed out	2	Install Copy report	Get updat
		_		

iii. 进入 Preferences-Playback-Output, 选择 Output Device 为"DSD: ASIO: Matrix ASIO Driver"
 Enter Preferences-Playback-Output, Select "DSD: ASIO: Matrix ASIO Driver" as the output device.

Components	Device				
Display     Context Menu     Defended Here Texture	DSD : ASIO : Matrix ASIO Driver				`
·· Verault User Interface     ·· Keyboard Shortcuts     ·· Media Library	Buffer length				
- Album List Networking Playback	30000 ms				
- Decoding <u>DSP Manag</u> er Output	Output format	eriengun may cause som	e visualization en eus	to stop working.	*
ASIO	Output data format: 16-bit	t: 16-bit V Dither			
✓ · Tools     │—ReplayGain Scanner     │—SACD     ✓ · Tagging     └─freedb Tagger     ─Advanced			· · · · · · · · · · · · · · · · · · ·		
· Tools │ ReplayGain Scanner │ SACD ◇ · Tagging │ freedb Tagger ─ Advanced	Fading	ions for preferred output alt in degraded performan and volume changes	t bit depth; using bit d nce.	epth above your	r
Tools ⊢ ReplayGain Scanner ⊢ SACD ✓ Tagging ⊢ freedb Tagger -Advanced	Refer to your naroware specifica hardware capabilities will only res Fading Enable smooth seeking, pause	ions for preferred output ilt in degraded performar and volume changes Fade in	t bit depth; using bit d nce. Fade out	epth above your	r
Tools - ReplayGain Scanner - SACD - Tagging - Freedb Tagger - Advanced	Refer to your naroware specifica hardware capabilities will only res Fading Enable smooth seeking, pause Name Pause and stop Seek Maxwall kack chappe	and volume changes Fade in 100 ms 100 ms	Fade out 100 ms 100 ms	epth above your	r
Tools — ReplayGain Scanner — SACD ✓ Tagging — freedD Tagger – Advanced	Refer to your hardware specifica hardware capabilities will only res Enable smooth seeking, pause Name Pause and stop Seek Manual track change Fade in:	and volume changes and volume changes Fade in 100 ms 100 ms 100 ms	Fade out 100 ms 100 ms	epth above your	r

iv. 进入 Preferences-Tools-SACD, Output Mode 一项选择"DSD"。

Enter Preferences-Tools-SACD, set the Output Mode to "DSD".

Preferences: SACD		?	$\times$
Components	Output Mode: DSD V		
Oisplay     Context Menu     Default Loss Interface	PCM Volume: +0dB V Log Overloads		
Keyboard Shortcuts	PCM Samplerate: 44100 $\checkmark$		
Album List	DSD2PCM Mode: Multistage (32fp) V Load Save		
<ul> <li>Playback</li> <li>Decoding</li> </ul>	Proferable Areas		
- DSP Manager	Editable Tags         Store Tags With ISO         Linked 2CH/MCH Tags		
ASIO Shell Integration	Edited Master Playback		
✓ Tools — ReplayGain Scanner	Audio Buffer:		
- SACD	DSD Output Device		
freedb Tagger	ASIO : Matrix ASIO Driver  Configure DoP Chaptered Man (did: to adit)		
	Device channel Format Manning		
	Analogue 1 DSDInt8MSB1 Left Analogue 2 DSDInt8MSB1 Right		
	U Output Trace		
	Reset all Reset page OK Cano	.el	Apply

请注意:如果 DoP 选项被勾选, DSD 信号将被通过 DoP 方式回放,未被勾选则是以 Native 方式回放。 从本质上讲, DoP 和 Native 两种 DSD 的传输方式没有差别,到达 DAC 设备端的信号均为原始的 DSD 信 号,都不会对原始编码进行改变。

NOTE: If the DoP option is picked, the DSD signal will be transferred at DoP Mode; if not, it is native DSD mode. Essentially there are no differences between the transmission modes of DoP and native. The signals which arrive at the DAC are original DSD data in both modes, they will not change during the transmission.

### JRiver

运行 JRiver 播放软件,进入"工具-选项",在"音频"选项下,设置"音频设备"为"Matrix ASIO Driver [ASIO]"。 然后将"比特流"设置为 DSD。

Run JRiver, enter Tools-Options, set the Audio Device to Matrix ASIO Driver [ASIO]. Then set the option Bitstreaming to "DSD".



b) macOS

## Audirvana Plus

i. 进入 Audirvana Plus 的 "偏好设置"。

Open Audirvana Plus, enter 'Preferences'.



ii. 进入"音频系统", 选择矩声设备为首选音频设备。

Enter 'Audio system', select Matrix Audio device as the Preferred audio device.



iii. 在"原生 DSD 解析"中选择"DSD over PCM 标准 1.1"即可。 Select "DSD over PCM standard1.1".

