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Configuring Foobar2000 for ASIO DSD Playback with I2SoverUSB.

1. Download, install and run foobar2000 from the official developer's website http://www.foobar2000.org/download



Click Next



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🌶 foobar2000 v1.4.	8 Setup	8			×
Nº3	Choose Install Location				
FB2KI	Choose the folder in which to in	stall foobar 20	00.		
Setup will install fo and select another	obar 2000 in the following folder. To install i r folder. Click Next to continue.	in a different	folder	, click Bro	owse
Destination Fold	er les (x86)\foobar 2000		Brow	se	1
					5 J.
Space required: 1:	2,5 MB				
Space required: 1. Space available: 1	2.5 MB 27.1 GB				
Space required: 1: Space available: 1 NSIS v3	2.5 MB 27.1 GB			-	

Choose install location

👂 foobar2000 v1.4.8 Setup		1 774 1	
53	Choose Components		
FB2K	Choose which features of f	oobar2000 you want t	o install.
Check the components you install. Click Install to start	want to install and uncheck th he installation.	ie components <mark>y</mark> ou do	n't want to
Select the type of install:	Full		~
Or, select the optional components you wish to install:	Foobar 2000	s	
	Description		
Space required: 12.4 MB	Position your mouse ov description.	er a component to see	: its
SI5 v3	11		
	< Bac	k Install	Cancel

Click Install



- 2. Download the official *ASIO* output plug-in for Foobar2000 version 2.1.2 http://www.foobar2000.org/components/view/foo_out_asio
- 3. Double click on *foo_out_asio.fb2k-component*. This will run foobar2000.

Name	^		Date n	nodified	Туре		Size
🔛 foo_	out_asio.fb2k-co	omponent	8,10,20)19 r. 16:17	foobar200	0 Component	183 KB
pobar2000 v1.4	Preferences: Components					? ×	X
Edit Viev	Components	Installed o	omponents:	Righ	t-click a component for ad	lditional options.	
lt	 Display Keyboard Shortcuts 	Name		Version	Module		
Artist/albi	> Media Library	Album List	ecoder	4.6	foo_albumlist		
	- Networking	Converter		1.5.3	foo_converter		
	> - Tools 	The followin foc_out_asic Please contir this package Do you want	g component package wil uue ONLY if you trust the w from. to continue?	l be installed: veb site you obtained Yes No	peq put_std eops scan pstd npack		
		Get more cor	<u>iponents</u>		1 -		

Click Yes

- 4. Foobar2000 will want to restart click OK
- 5. Download the ASIO output plug-in for Foobar2000 from https://sourceforge.net/projects/sacddecoder/files/foo_dsd_asio/ Unzip the downloaded file. Install ASIOProxyInstall-0.8.3. It's the best according to us. You can accept the default settings. You have to restart Foobar2000.

ents > Foobar > ASIOProxyInstall-0.8.3

Name	Date modified	Tune	Size
14bille	Date mounted	type	SIZE
asioproxy_readme.txt	4.9.2015 r. 10:10	Text Document	2 KB
ASIOProxyInstall-0.8.3.exe	4.9.2015 r. 11:02	Application	278 KB



6. Click on *Library* > *Configure* > *Output* > *Select ASIO: foo_dsd_asio* > *Add New* > *Configure*

	1	
File Edit View Playback Librar		
Default	Album List	
Plavi Artist/albuma 9	Search lo / track artist Durat	
	Configure	
	2	
- 55		
pens the Media Library Preferences page	5	
references: ASIO		? >
Components	ASIO drivers	
> · Display	ASTO UNICID	
Keyboard Shortcuts	foo dsd asio	
> Media Library	12SOVEROSE AUDIO DEVICE	
Networking		
Y Playback		
Decoding		
DSP Manager		
ASIO 3	Double-click an entry to activate the driver's control panel.	
	Use 64-bit ASIO drivers	
- Shell Integration	Down with birth and and a starting	
Shell Integration > - Tools Advanced	Run with high process priority	
- Shell Integration > Tools - Advanced	Custom channel mappings	
Shell Integration > - Tools ! Advanced	Run with high process priority Custom channel mappings	
Shell Integration > - Tools ! Advanced	Run with high process priority Custom channel mappings	5 Add New
Shell Integration > - Tools ! Advanced	Run with high process priority Custom channel mappings	5 Add New
⊶ Shell Incegration > ∙ Tools ⊶ Advanced	Run with high process priority Custom channel mappings	5 Add New Edit
⊶ Shell Incegration > ∙ Tools Advanced	Run with high process priority Custom channel mappings	5 Add New Edit
Shell Integration > - Tools ! Advanced	Run with high process priority Custom channel mappings	5 Add New Edit Remove
Shell Integration > Tools Advanced	Run with high process priority Custom channel mappings	5 Add New Edit Remove
Shell Integration > Tools Advanced	Run with high process priority Custom channel mappings	5 Add New Edit Remove
⊶ Shell Incegration > Tools → Advanced	Custom channel mappings Custom channel mappings This feature allows you to configure alternate channel mappings for your ASIO-ena	5 Add New Edit Remove
Shell Integration > Tools Advanced	Custom channel mappings Custom channel mappings This feature allows you to configure alternate channel mappings for your ASIO-ena soundcards.	5 Add New Edit Remove
Shell Integration > Tools Advanced	Custom channel mappings Custom channel mappings This feature allows you to configure alternate channel mappings for your ASIO-ena soundcards. You may need to close and re-open the foohar 2000 preferences dialog for your pe	5 Add New Edit Remove
⊶ Shell Incegration > Tools → Advanced	Custom channel mappings Custom channel mappings This feature allows you to configure alternate channel mappings for your ASIO-ena soundcards. You may need to close and re-open the foobar 2000 preferences dialog for your ne added mappings to appear as output devices in the "output" page.	5 Add New Edit Remove
⊶ Shell Integration > Tools → Advanced	Custom channel mappings Custom channel mappings This feature allows you to configure alternate channel mappings for your ASIO-ena soundcards. You may need to close and re-open the foobar 2000 preferences dialog for your ne added mappings to appear as output devices in the "output" page.	5 Add New Edit Remove
- Shell Integration . Tools Advanced	Custom channel mappings Custom channel mappings This feature allows you to configure alternate channel mappings for your ASIO-ena soundcards. You may need to close and re-open the foobar2000 preferences dialog for your ne added mappings to appear as output devices in the "output" page.	5 Add New Edit Remove abled

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Name:	foo_dsd_asio - my	/ channel mapping		1
Driver:	foo_dsd_asio	(Configure]
Channel map (click)	to edit)			-
Device channel	Format	Mapping		
Analogue 1 Analogue 2/SPDIF	32-bit 1 32-bit	Left Right		the d
ASIO Proxy 0.8.3				×
ASIO Driver:	7 I2SoverUS	B Audio Device		•
ASIO Driver: DSD Playback Met	7 I2SoverUS	B Audio Device e		•
ASIO Driver: DSD Playback Meth DSD to DSD Metho	7 I2SoverUS hod: ASIO Nativ	B Audio Device e	Fs: DSD64	•
ASIO Driver: DSD Playback Meth DSD to DSD Metho PCM to DSD Metho	7 I2SoverUS hod: ASIO Nativ od: None	B Audio Device e T	Fs: DSD64 Fs: DSD64	•
ASIO Driver: DSD Playback Methods DSD to DSD Method PCM to DSD Methods DSD/PCM Transition	7 I2SoverUS hod: ASIO Nativ od: None od: None	B Audio Device	Fs: DSD64 Fs: DSD64	

Preferences: ASIO				?	×
Components	ASIO drivers				
 > Display → Keyboard Shortcuts > Media Library → Networking ✓ Playback → Decoding → DSP Manager 	foo_dsd_asio I2SoverUSB Audio Device				
✓ Output	Double-click an entry to activate the driver's control p	panel.			-
	Use 64-bit ASIO drivers				
> Tools Advanced	Run with high process priority				
	Custom channel mappings				
	foo_dsd_asio - my channel mapping			Add	New
				Ec	dit
				Rem	iove
	This feature allows you to configure alternate channe soundcards. You may need to close and re-open the foobar2000 added mappings to appear as output devices in the "	el mappings for yo preferences dialog output" page.	our ASIO-enabled g for your newly		
	Reset all Reset page	ОК	Cancel	Ap	oply

Click Apply and then restart Foobar2000



7. Click on *Library* > *Configure* > *Output* > *Device*, select: *ASIO: foo_dsd_asio – my channel mapping*

references: Output		7	×
···· Components	Device		
 Display Keyboard Shortcuts 	ASIO : foo_dsd_asio - my channel mapping		~
 Media Library Networking Playback 	Buffer length		
Decoding DSP Manager	1000 ms		
✓ Output └──ASIO	Warning: setting too low buffer length may cause s	ome visualization effects to stop work	king,
Shell Integration	Output format		
Advanced	Output data format:	Dither	
	Output data format will be chosen automatically for the	selected device	
	ouper and format will be chosen additionately for the	sected device.	
	Reset all Reset page 2	OK Cancel /	Apply

 Download the *Super Audio CD Decoder plug-in ver. 0.8.4* for Foobar2000 from <u>https://sourceforge.net/projects/sacddecoder/files/foo_input_sacd/</u> Unzip the downloaded file. Install *foo_input_sacd.fb2k-component*, by double clicking on it.

```
ents > Foobar > foo_input_sacd-0.8.4
```

Name	Date modified	Туре	Size
🦲 filters	16.2.2014 г. 7:33	File folder	
src .	25.8.2015 r. 10:14	File folder	
ASIOProxyInstall-0.8.3.exe	4.9.2015 r. 11:02	Application	278 KB
🔛 foo_input_sacd.fb2k-component	4.9.2015 r. 10:58	foobar2000 Comp	1 272 KB
📄 readme.txt	4.9.2015 r. 10:06	Text Document	7 KB



Click Yes

Preferences: Components			? X		
Components	Installed components: Right-click a component for additional c				
Display Keyboard Shortcuts Media Library Networking Playback Decoding	Name Album List ASIO support CD Audio Decoder Converter	Version 4.6 2.1.2 3.0 1.5.3	Module foo_albumlist foo_out_asio foo_cdda foo_converter		
	Default User Interface Equalizer FFmpeg Decoders File Operations foobar 2000 core Online Tagger: ReplayGain Scanner Standard DSP Array Standard Input Array 700 / 6210 / 04. P. Beader	1.4.8 1.2.1 3.4.5 2.3 1.4.8 0.7 2.3 1.3.2 1.4.8 1.8	too_ui_std foo_dsp_eq foo_input_std foo_fileops Core foo_freedb2 foo_rgscan foo_dsp_std foo_input_std foo_input_std		
	Get more components Why are some components graved out?	I.O (unknown)	foo_input_sacd		
	Reset all Reset page		OK Cancel Apply		

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Click Apply and restart Foobar2000

9. *Library > Configure > Tools > SACD > Output > ASIO >* ASIO Driver Mode select *DSD > Apply > OK*

references: SACD			?	×
 Components Display Keyboard Shortcuts Media Library Networking Playback Decoding DSP Manager Output ASIO Shell Integration Tools ReplayGain Scanner SACD Tagging Advanced 	Output Mode: PCM Volume: PCM Samplerate: DSD2PCM Mode: Preferable Area: Editable Tags Editable Tags	DSD 1 +0d8 Log Overloads 44100 Load Multistage (Floating-Point) Load None		
	Reset all R	eset page OK (Cancel	Apply