# PureAudio

Configuring Foobar2000 For DSD and MQA Playback User Manual V 1.0 1. Download foobar2000 from the official website

http://www.foobar2000.org/download

2. Download the ASIO output plug-in for Foobar2000

http://www.foobar2000.org/components/view/foo\_out\_asio

This is necessary to ensure the app runs bit - accurate. It seems arcane but Windows and Mac try to do 'smart things' with audio and it is the bane of everyone trying to do accurate or 'audiophile' audio.

3. Download the Binary Comparator plug-in for Foobar2000

http://www.foobar2000.org/components/view/foo\_bitcompare

4. Download the foo\_input\_sacd-0.9.4.zip plug-in for Foobar2000

https://sourceforge.net/projects/sacddecoder/files/foo\_input\_sacd/files/

- 5. Download the ASIOProxyInstall-0.9.4.zip plug-in for Foobar2000 https://sourceforge.net/projects/sacddecoder/files/foo\_dsd\_asio/
- 6. Install Foobar2000



7. Manually install ASIO output plug-in

🕏 foobar2000 v1.3.13				_ 🗆 ×
File Edit View Playback Library Help				
Album List Selection Properties Album List De	fault I	- 13	p	
All Music Desferences Courses		· · · ·		21 1 3
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Mr. S Components 2	Installed components:	Rig	nt-click a component for ad	ditional options.
Richa     H     Display     Kauba and Shareta sta	Name 🔺	Version	Module	
Media Library	Album List	4.5	foo_albumlist	
Networking	CD Audio Decoder	3.0	foo_cdda	
He Working	Converter	1.5	foo_converter	
- Shell Integration	Default User Interface	0.9.5	foo_ui_std	
Tools	Equalizer	1.2	foo_dsp_eq	
Advanced	FFmpeg Decoders	3, 1, 4	foo_input_std	
	File Operations	2.2.1	too_fileops	
	foobar2000 core	1.3.13	Core	
	Online Tagger	0.7	foo_freedb2	
	ReplayGain Scanner	2.2.2	foo_rgscan	
	Standard DSP Array	1.3.1	foo_dsp_std	
	Standard Input Array	1.0	foo_input_std	
	ZIP/GZIP/RAR Reader	1.8	foo_unpack	
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Playback st	Reset dil Reset page		Cancel	- VILLAN

8. Select foo\_out\_asio



## 9. Click Apply

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Bob A				
Mr. S Components	Installed components:	Rig	ght-click a component for a	dditional options.
	Name	Version	Module	
Keyboard Shortcuts	Album List	4.5	foo_albumlist	
	CD Audio Decoder	3.0	foo_cdda	
Networking	Converter	1.5	foo_converter	
Chall Integration	Default User Interface	0.9.5	foo_ui_std	
Tele Trees	Equalizer	1.2	foo_dsp_eq	
Advanced	FFmpeg Decoders	3,1,4	foo_input_std	
Harditeed	File Operations	2.2.1	foo_fileops	
	foobar2000 core	1.3.13	Core	
	Online Tagger	0.7	foo_freedb2	
	ReplayGain Scanner	2.2.2	foo_rgscan	
	Standard DSP Array	1.3.1	foo_dsp_std	
	Standard Input Array	1.0	foo_input_std	
	ZIP/GZIP/RAR Reader	1.8	foo_unpack	
	(unknown - please apply changes to load)	(unknown)	foo_out_asio	
View by artist	Get more components Why are some components grayed out?	I	nstall Copy report	Get updates
Playback st	Reset all Reset page		OK Cancel	Apply

10. Install ASIOProxyInstall-0.9.4



### 11. Install foo\_input\_sacd



#### 12. Click Yes



# 13. Click Apply

Components	Installed components:	Rig	ht-click a component for additional
Display	Name	Version	Module
Context Menu	Album List	4.5	foo_albumlist
Default User Interface	ASIO support	2.1.2	foo_out_asio
Colors and Fonts	CD Audio Decoder	3.0	foo_cdda
Playlist View	Converter	1.5	foo_converter
- Keyboard Shortcuts	Default User Interface	0.9.5	foo_ui_std
Media Library	Equalizer	1.2	foo_dsp_eq
Mahumulian	FFmpeg Decoders	3.1.4	foo_input_std
- Networking	File Operations	2.2.1	foo_fileops
DSP Manager	foobar2000 core	1.3.13	Core
	Online Tagger	0.7	foo_freedb2
ASIO	ReplayGain Scanner	2.2.2	foo_rgscan
- Shell Integration	Standard DSP Array	1.3.1	foo_dsp_std
Tools	Standard Input Array	1.0	foo_input_std
🗄 - Tagging	ZIP/GZIP/RAR Reader	1.8	foo_unpack
Advanced			
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# 14. Install Binary\_Comparator

	Installed compone	antes	Dight dide a component f	for additional optic	
Install Component					×
Computer	▼ Local Disk (C:) ▼ APP ▼ Foobar 2000 ▼		🖌 🛃 Search Foobar 2	2000	2
Organize 🔻 New folder				:= • 🔳	?
Favorites	Name *	Date modified	Туре	Size	-
Contraction Desktop	foo_input_sacd-1.0.11	1/2/2018 10:01 AM	File folder		
\rm Downloads	Binary_Comparator	8/2/2017 6:05 AM	foobar 2000 Compo	101 KB	
🔛 Recent Places	foo_dsp_multiresampler	7/19/2017 5:45 AM	foobar2000 Compo	73 KB	
	foo_input_dsdiff	2/7/2015 4:09 PM	Compressed (zippe	80 KB	
Libraries	foo_input_sacd-0.6.6	4/10/2014 4:53 PM	Compressed (zippe	432 KB	
Music	foo_input_sacd-0.7.1	9/8/2014 8:31 PM	Compressed (zippe	597 KB	
Pictures	foo_input_sacd-0.7.3	2/7/2015 4:12 PM	Compressed (zippe	615 KB	
Videos	foo_input_sacd-0.8.3	8/30/2015 10:55 PM	Compressed (zippe	1,641 KB	
_	foo_out_asio	8/2/2017 6:05 AM	foobar 2000 Compo	183 KB	
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FileT	lance [binary_comparator			1	
			Open 🗸	Cancel	
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## 15. Click Apply

Components	Installed components:	Ri	ight-click a component for a	dditional optic
🛨 Display	Name	Version	Module	
Keyboard Shortcuts	Album List	4.5	foo_albumlist	
🗄 Media Library	ASIO support	2.1.2	foo_out_asio	
Networking	CD Audio Decoder	3.0	foo_cdda	
- Playback	Converter	1.5	foo_converter	
DSP Manager	Default User Interface	0.9.5	foo_ui_std	
	Equalizer	1.2	foo_dsp_eq	
Chall Integration	FFmpeg Decoders	3.1.4	foo_input_std	
Tools	File Operations	2,2,1	foo_fileops	
SACD	foobar2000 core	1.3.13	Core	
	Online Tagger	0.7	foo_freedb2	
freedb Tagger	ReplayGain Scanner	2.2.2	foo_rgscan	
Advanced	Standard DSP Array	1.3.1	foo_dsp_std	
	Standard Input Array	1.0	foo_input_std	
	Super Audio CD Decoder	0.9.4	foo_input_sacd	
	ZIP/GZIP/RAR Reader	1.8	foo_unpack	
	Get more components Why are some components grayed out	2	Install Copy report	Get updat

16. The Playback tab should look like this, set ReplayGain to none / none:



17. The column headers for sample-rate and bitrate are not standard, so key them in as shown in File/Preferences: Playlist View

😻 foobar20	000 v1.3.13				<u>_</u> _×
File Ed	Preferences: Playlist View				?×
Album List	Components	Custom column	Custom columns		Remove
All Music (3	Context Menu	Name	Pattern		Alignment
⊞. Bob Ac ⊞. Mr. Scr ⊞. Richard	Default User Interface     Colors and Fonts     Playlist View	SampleRate Bits	%samplerate% %_butspersample%		center center
	Keyboard Shortcuts     Media Library     Networking     Playback     Programmers				
	- Output - ASIO - Shell Integration - Tools				
		Custom group	ng schemes	Add New	Remove
	- freedb Tagger - Advanced				
				1	
View by artist/alb	jum 🔽	Reset all Res	OK OK	Cancel	Apply
Playback stop	ped.				1

18. Select DSD : ASIO : PureAudio ASIO Driver > Apply > OK

😻 foobar20	00 v1.3.13	_	
File Ed P	references: Output	?×	
Album List All Music (3 B) Bob Ac B) Mr. Sor B) Richard	Components Display Context Menu Default User Interface Colors and Fonts Playlist View Keyboard Shortcuts Media Library Album List Networking Playback DSP Manager Output ASIO Shell Integration Tools Shell Integration Asico	Device          DsD : ASIO : PureAudio ASIO Driver         Buffer length	
		Reset all Reset page OK Cancel Apply	
View by artist/alb	um 🔽 ?		
Playback stopp	ed.		//

19. Select Output mode > DSD, Select DSD ASIO Device > PureAudio ASIO Driver > Apply > OK



20. Select Playback Device



21. Make sure the Enhancements are not selected

💐 Speakers Properties	x					
General Levels Enhancements Advanced						
Select the enhancements to apply for your current speaker configuration. Changes may not take effect until the next time you start playback.						
Disable all enhancements						
Bass Boost     Virtual Surround						
Room Correction						
Enhancement Properties						
Description: Boosts the lowest frequencies that can be played by the device.						
Provider: Microsoft						
Status: DisabledSettings						
Restore Defaults   Preview						
OK Cancel Apply						

22. Note Sample rate is unimportant for direct exclusive drive

