

Gryphon Ethos USB, foobar2000 Setup, Rev. 1.0

Please install the appropriate Ethos Windows driver, downloadable from our website: <u>https://gryphon-audio.dk/shop/cd-players/ethos/</u> (under 'Downloads') <u>https://gryphon-audio.dk/shop/cd-players/ethos/</u> (under 'Downloads'), before installing the foobar2000 player.

Installing foobar2000 on a PC, running Windows 7-10:

 Download and install the latest stable foobar2000 software from: <u>http://www.foobar2000.org/download</u> (at the time of writing; v1.4.6)

Follow the instructions on the screen. If open, please close the foobar2000 software after installation is complete.

foobar2000 setup following on the next pages



Installing foobar2000 ASIO component:

1. Download and install the foobar2000 ASIO component from: http://www.foobar2000.org/components/view/foo_out_asio_

Now double-click the file named: "foo_out_asio" ('foobar2000 Component' type) and follow instructions on the screen:

foobar2000) Component Installer	x			
	The following component package will be installed: foo_out_asio Please continue ONLY if you trust the web site you obtained this package from. Do you want to continue?				
	Ja Nej				
	(YES)				

references: Components				3	×
Components	Installed components:	Rig	ht-click a component for a	additional	optio
> Display	Name	Version	Module		
Keyboard Shortcuts	Album List	4.5	foo_albumlist		
> Media Library	CD Audio Decoder	3.0	foo_cdda		
···· Networking	Converter	1.5	foo_converter		
Playback	Default User Interface	0.9.5	foo_ui_std		
Shell Integration	Equalizer	1.1	foo_dsp_eq		
Tools	FFmpeg Decoders	3.1.2	foo_input_std		
Advanced	File Operations	2.2.1	foo_fileops		
	foobar2000 core	1.3.11	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	1.7.2	foo_unpack		
	(unknown - please apply changes to load)	(unknown)	foo_out_asio		
	Get more components Why are some components grayed out? Reset all Reset page	In	OK Copy report	Get u	pdat oply



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Installing foobar2000 SACD component:

1. Download this specific Super Audio CD Decoder software, **'foo_input_sacd-0.9.6.zip'** from: <u>http://sourceforge.net/projects/sacddecoder/files/foo_input_sacd</u>, and extract the files.

Now double-click the file named: **"foo_input_sacd"** ('foobar2000 Component' type) inside the extracted map and follow instructions on the screen:

	foobar2000 Component Installer X			
	The following foo_input_sac Please contin package from Do you want	The following component package will be installed: foo_input_sacd Please continue ONLY if you trust the web site you obtained this package from. Do you want to continue?		
			Ja Nej	
			(Yes)	
Preferences: Components			? X	
: Components	Installed components:	Rigł	nt-click a component for additional options.	
> 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	
	Default User Interface	0.9.5	foo_ui_std	
Advanced	Equalizer	1.1	foo_dsp_eq	
Advanced	FFmpeg Decoders	3.1.2	foo_input_std	
	File Operations	2.2.1	foo_fileops	
	foobar2000 core	1.3.11	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	1.7.2	foo_unpack	
	(unknown - please apply changes to load)	(unknown)	foo_input_sacd	
	Get more components			
	Why are some components grayed out?	In	stall Copy report Get updates	
	Reset all Reset page		OK Cancel Apply	



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2. Close foobar2000

- 3. Connect the Gryphon Ethos to the Windows PC via appropriate audio grade USB cable.
- 4. Wait for Windows to recognize the Gryphon Ethos and wait for Windows to notify when installed successfully.
- 5. Open foobar2000.
- 6. In the foobar2000 menu "File" select the item "Preferences". Now select "Playback" and "Output".
 - Choose the following Device setting:
 - "DSD : ASIO : ASIO Ethos USB"
 - Output format: "32-bit"

Preferences: Output	? ×				
Preferences: Output 	Device DSD : ASIO : ASIO Ethos USB Buffer length 1000 ms Warning: setting too low buffer length may cause some visualization effects to stop working. Output format Output data format: 32-bit Dither Refer to your hardware specifications for preferred output bit depth; using bit depth above your hardware capabilities will only result in degraded performance.				
	Reset all Reset page OK Cancel Apply				

Click the "Apply" button!



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- 7. Goto "SACD" in the "Tools" menu to the left and choose the below settings:
 - Output Mode: "DSD"
 - Preferable Area: "Stereo"
 - DSD Output Device: "ASIO : ASIO Ethos USB"
 - DoP: NOT selected!

Preferences: SACD				?	×
···· Components	Output Mode:	DSD 🗸 🗸			
> · Display					
Keyboard Shortcuts	PCM Volume:	+0dB \checkmark	Log Overloads		
> Media Library			1		
····· Networking	PCM Samplerate:	44100 ~			
	Dependent Marker				
DSP Manager	DSD2PCM Mode:	Multistage (32fp	b) V Load Save		
> Output					
	Preferable Area	Stereo			
✓ Tools		Stereo			
> ReplayGain Scanner	Editable Tags	Store Tags W	ith ISO Linked 2CH/MCH Tags		
SACD					
> Tagging					
Audio Buffer:					
	DSD Output Device				
	ASIO : ASIO Etho	s USB	Configure DoP		
	Channel Map (dick to edit)				
	Device channel	Format	Mapping		
	channel 0	DSDInt8MSB1	Left		
	channel 1	DSDInt8MSB1	Right		
					1
					¥
	Reset all Re	eset page	OK Cancel	l – 1	Apply

Click the "Apply" and afterwards the "OK" button!

8. Restart foobar2000, DONE, ready to play music files.

foobar2000 Remote:

The free foobar2000 player can be remote controlled via an iPhone, iPad or Android device with the MonkeyMote Remote app and foobar2000 plug-in.

foobar2000 plug-in:

http://www.monkeymote.com/show/download

iPhone/iPad/Android app:

http://www.monkeymote.com/show/home

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