

- 1. Download foobar200 from https://www.foobar2000.org/download and install at your Windows platform.
- 2. Download WASAPI driver from https://www.foobar2000.org/components/ view/foo\_out\_wasapi and save the file.
- 3. At foobar2000, select File->Preference->Components->Install, select the downloaded WASAPI driver and install.
- 4. You should see "WASAPI output support" component installed as below:

Preferences: Components			? ×		
Components	Installed components: Right-click a component for additional options.				
> Display	Name	Version	Module		
- Keyboard Shortcuts	AC3 decoder	0.9.10	foo ac3		
> Media Library	Album List	4.5	foo albumlist		
Networking	ASIO support	2.1.2	foo out asio		
DSP Manager	CD Audio Decoder	3.0	foo_cdda		
> Input	Converter	1.5	foo_converter		
> Output	Default User Interface	0.9.5	foo_ui_std		
<ul> <li>Shell Integration</li> <li>Tools</li> <li>Lyric Show 3</li> <li>SACD</li> <li>Tagging</li> <li>UPnP</li> <li>Advanced</li> </ul>	Dolby Headphone Wrapper	1.4.1	foo_dsp_dolbyhp		
	DSDIFF Decoder	1.6	foo_input_dsdiff		
	DTS decoder	0.5.4	foo_input_dts		
	Equalizer	1.2	foo_dsp_eq		
	FFmpeg Decoders	3.2.4	foo_input_std		
	File Operations	2.2.2	foo_fileops		
	foobar2000 core	1.3.16	Core		
	Lyric Show Panel 3	0.5 foo_uie_lyrics3			
	MIDI Player 2.1.5 foo_midi		foo_midi		
	Monkey's Audio Decoder	o Decoder 2.2.3 foo_input_monkey			
	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		
$\rightarrow$	Super Audio CD Decoder	1.0.11	foo_input_sacd		
	UPnP/DLNA Renderer, Server, Control Point	0.99.49	foo_upnp		
$\rightarrow$	WASAPI output support	3.3	foo_out_wasapi		
	ZIP/GZIP/RAR Reader	1.8	foo_unpack		
	Get more components Why are some components grayed out?		stall Copy report Get updates		
	Reset all Reset page		OK Cancel Apply		

5. Download Super Audio CD Decoder from https://sourceforge.net/projects/ sacddecoder/files/latest/download and save the file (might require unzipping if your OS doesn't automatically unzip attachments.)

6. At foobar2000, select File->Preference->Components->Install, select the downloaded Super Audio CD decoder and install.

7. You should see "Super Audio CD Decoder" component installed as above.

8. At foobar2000, select File->Preference->Playback->Output, at device selection on the right, select 'DSD : WASAPI (push) : Speakers (HELM Audio BOLT.)'

Preferences: Output	? ×	<
Components Display Keyboard Shortcuts Media Library Networking Playback DSP Manager	DSD : WASAPI (push) : Speakers (HELM Audio BOLT )	<b>&gt;</b>
> Input > Output 	<b>1000 ms</b> Warning; setting too low buffer length may cause some visualization effects to stop working.	

9. At foobar2000, select File->Preference->Tools->SACD, select "DSD" as the Output Mode.

Preferences: SACD			?	$\times$
Components	Output Mode:	DSD v		
Keyboard Shortcuts     Media Library     Networking     Playback	PCM Volume:	0dB $\checkmark$ LFE-10dB $\checkmark$ Log Overloads		
	PCM Samplerate:	44100 $\vee$		
- DSP Manager > ·Input > ·Output	DSD2PCM Mode:	Multistage (32fp) V Load Save		
Shell Integration  Tools  Lyric Show 3  SACD  Tagging  UPnP  Advanced	Preferable Area:	None  Store Tags With ISO Linked 2CH/MCH Tags		
	Edited Master P	layback		
	DSD Processor:	None ~		
	Trace			

10. Congratulations, you have everything ready to enjoy bit-perfect audio playback using the HELM BOLT with your foobar2000 player for up to PCM 384kHz and DSD 5.6MHz sampling.