

## Setup Instructions - ASIO



With the nano or micro iDSD or Retro Stereo 50, with Foobar2K, one must install the DSD input and ASIO output plug-ins to enable it to play true native DSD.

This step-by-step guide ensures your computer audio program is configured to natively DECODE DSD for full native playback.

Foobar2K is open-source. As such, there is no customer support. Beyond these instructions, it is best that you go to the Foobar2K forum to look for detailed solutions to Foobar2K and its plug-ins.

**Background:**

If you already have Foobar2K installed, we recommend a full uninstall and then clean all registries (eg CCleaner) and reboot. Otherwise, the plug-ins may not work correctly. Also see User Notes at the end of this article.

For those seeking a more stable audio software playback solution, we recommend JRMC.

Please ~~install in the following order:~~ Download the following:

- i. [Super Audio CD Decoder/DSD input plug-in](#)  
<http://sourceforge.net/projects/sacddecoder/files/>  
Save the downloaded file *foo\_input\_sacd-0.6.0.zip* into.
- ii. [Foobar2K](#)  
<http://www.foobar2000.org/download>.  
Save the downloaded file *foobar2000\_v1.1.15.exe*.
- iii. [Official ASIO output plug-in](#)  
[http://www.foobar2000.org/components/view/foo\\_out\\_asio](http://www.foobar2000.org/components/view/foo_out_asio)  
Save the file *foo\_out\_asio.fb2k-component*.

Open the folder with the unzipped files ready for access from within Foobar2K.

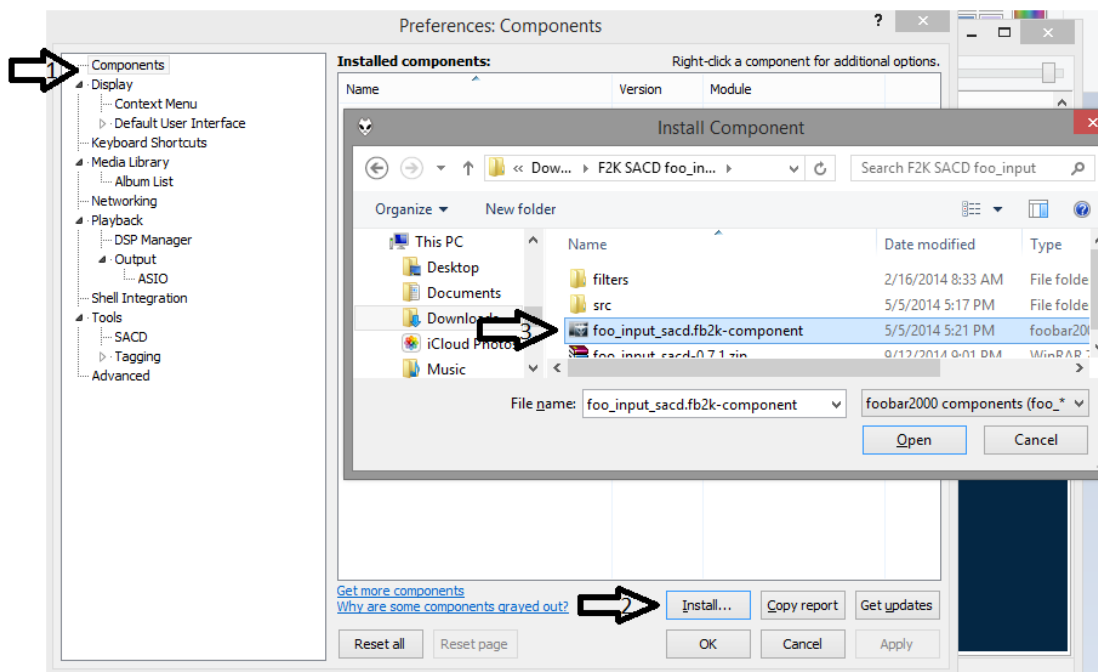
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**Step 1:** If using Windows (OS X not required as already compliant), install the **iFi driver** (<http://ifi-audio.com/portfolio-view/nano-idsd/>) >iFi USB Audio Class 2.0 Driver

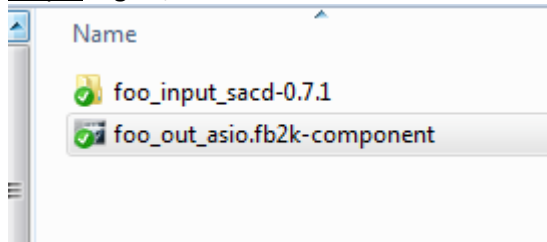
**Step 2:** Install **Foo\_Input (ASIO Proxy\_Install\_xxx.exe)**

**Step 3:** Install **Foobar2K – STANDARD Installation NOT portable**

From Foobar 2K, select File > Preferences. Click “Install” > “foo\_input\_sacd.xxx-component”



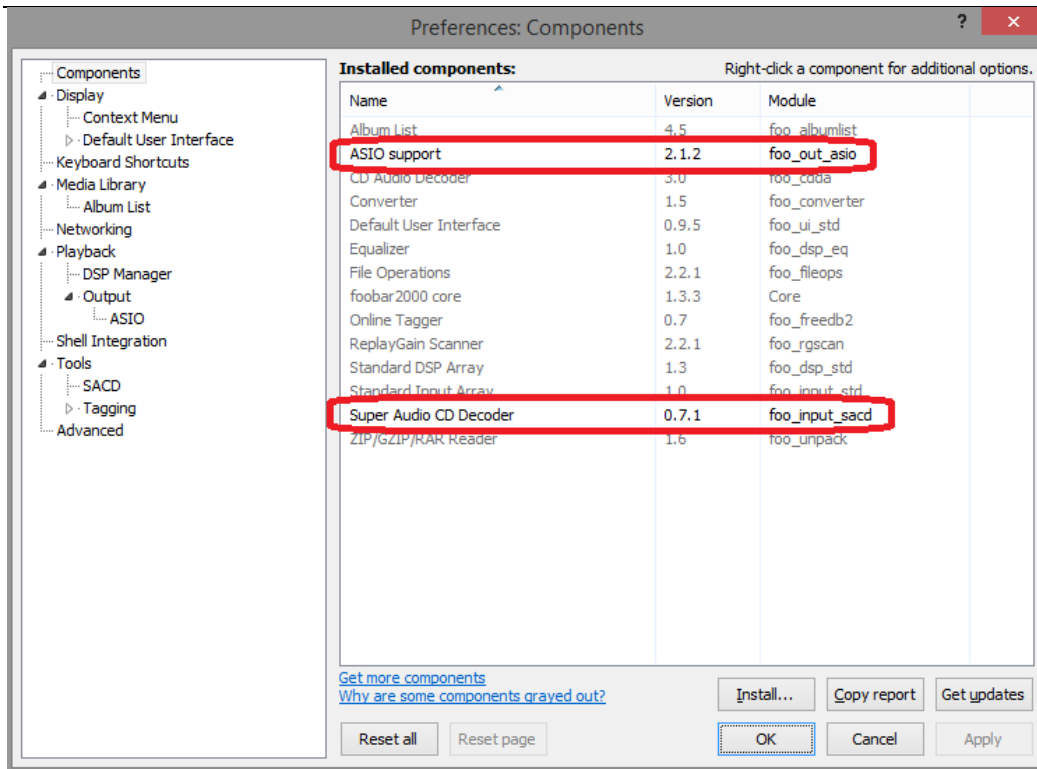
**Step 4:** Again, click on “Install” and select “foo\_out\_asio.fb2k-component”



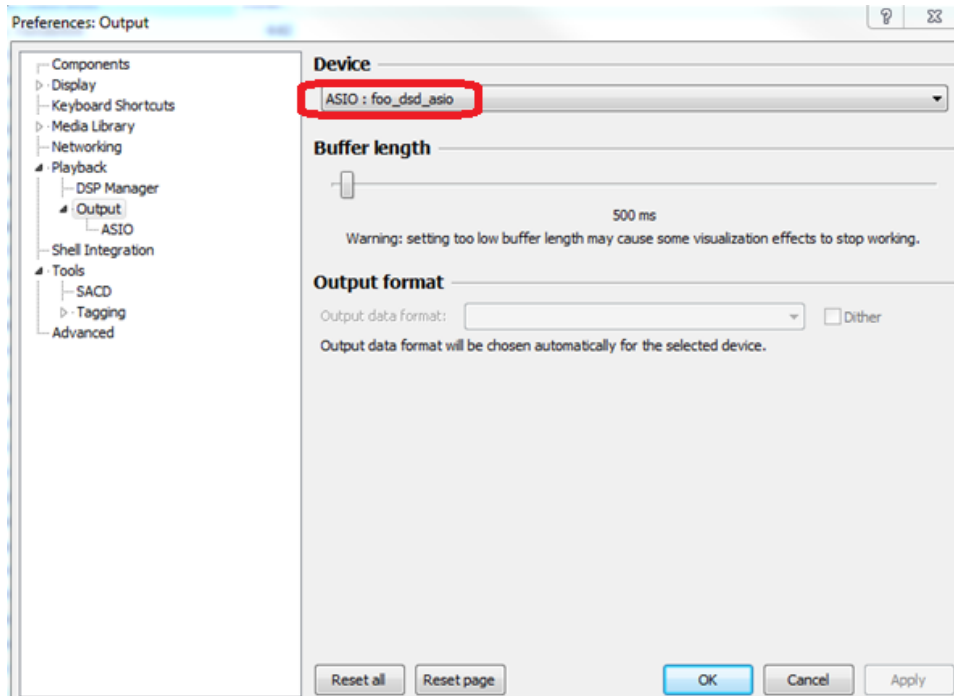
**Step 5.** Foobar2K will ask for permission to restart....click “OK”

**Step 6.** After Foobar2K has restarted, go back into File > Components.

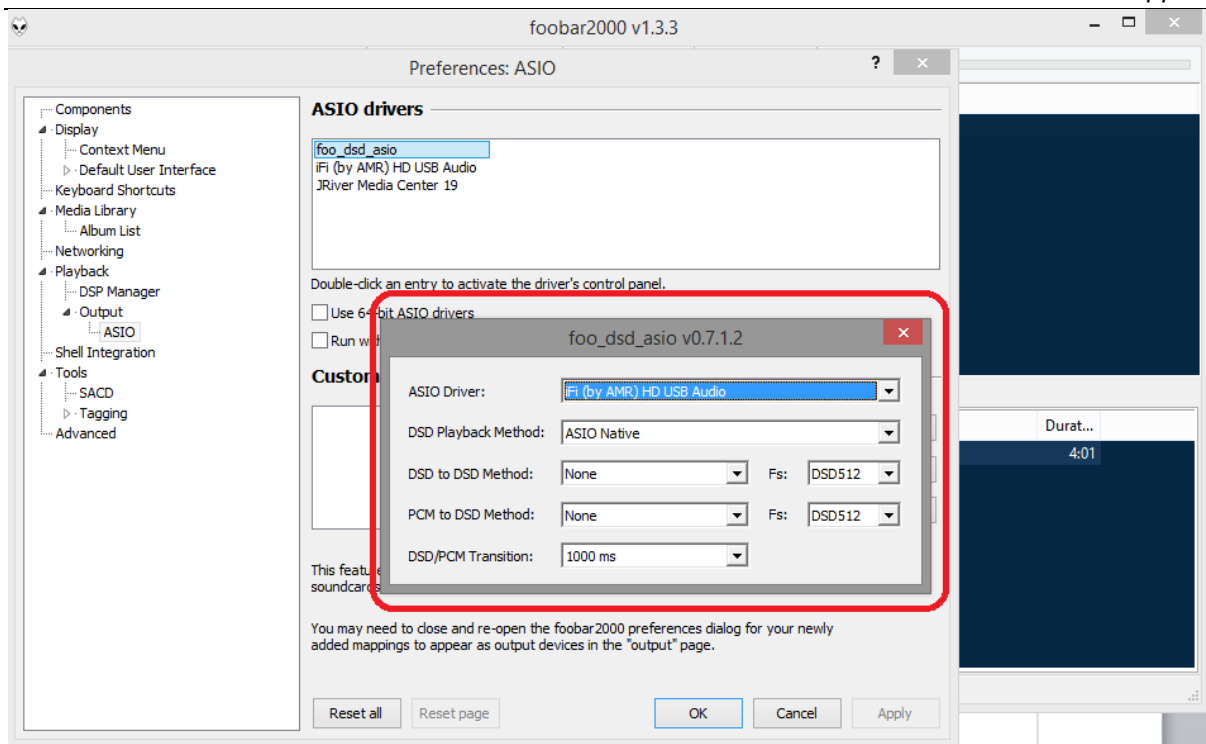
You should have “ASIO support” and Super Audio CD Decoder installed as outlined below:



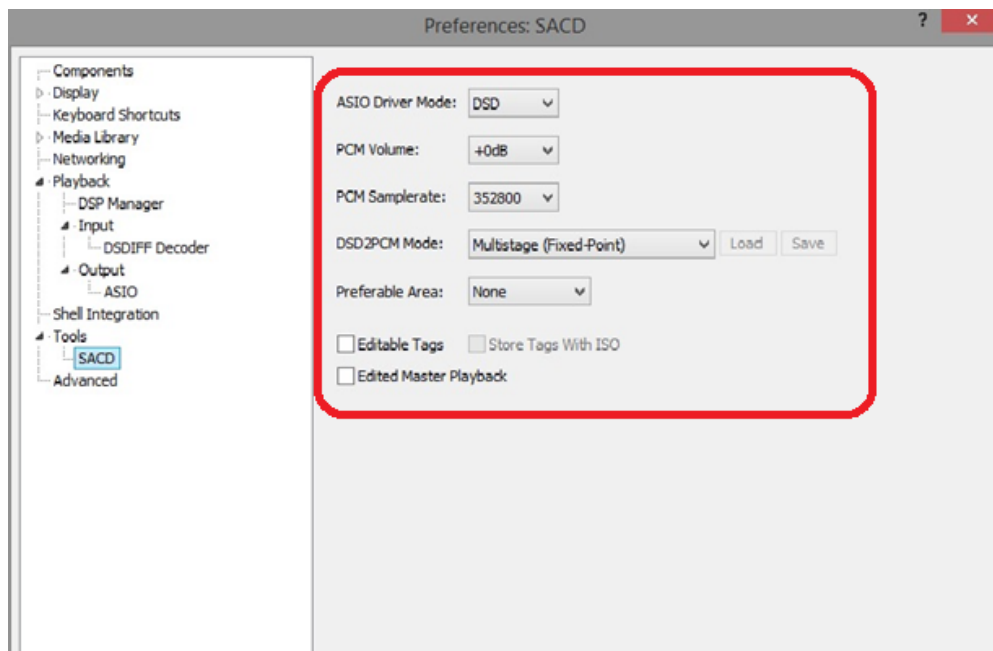
**Step 7:** Under **Preferences > Playback > Output** confirm “foo\_asio”



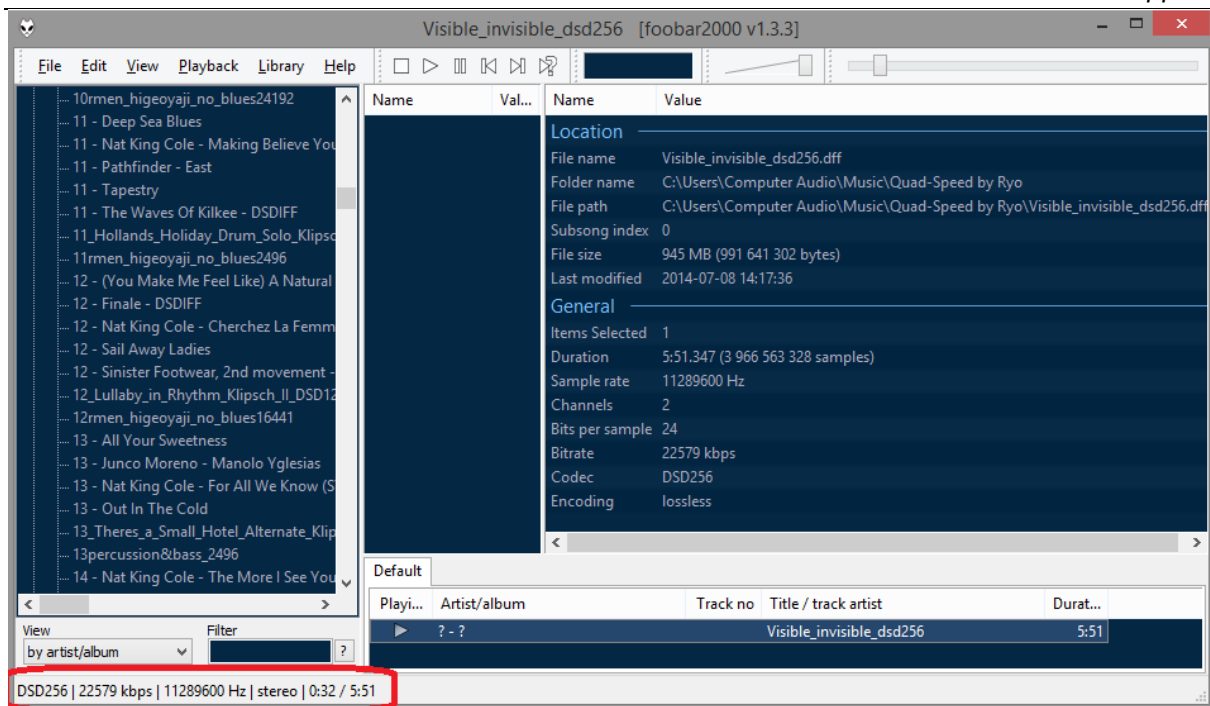
**Step 8:** Under **Preferences > Playback > Output > ASIO** confirm these correct selections



**Step 9:** Under **Components > Tools > SACD** confirm these settings



**Step 10:** Exit. You are now ready to enjoy DSD without conversion to another format on your iDSD by iFi.



**User Notes:**

We have tried this installation on approximately 10 work computers and sometimes the GREEN LED is lit on the micro iDSD. In which case, Foobar has reverted back to PCM. We have found that one goes back into Components > Super Audio CD Decoder and reinstalls "foo\_input\_sacd" then Foobar2K will play DSD back through the chain again.

Unfortunately, this is the vagaries of open-source software and it is probably waiting for a revision which makes the playback software more reliable.