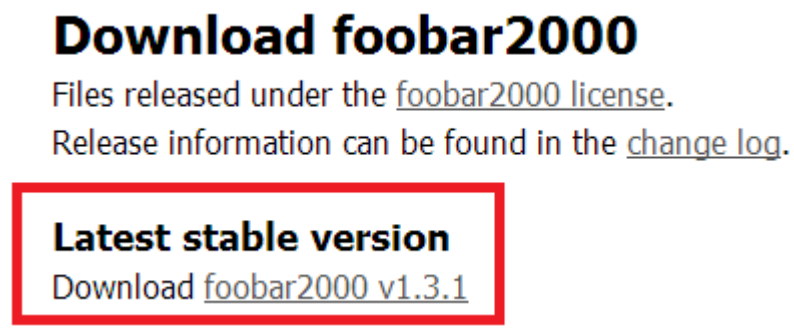
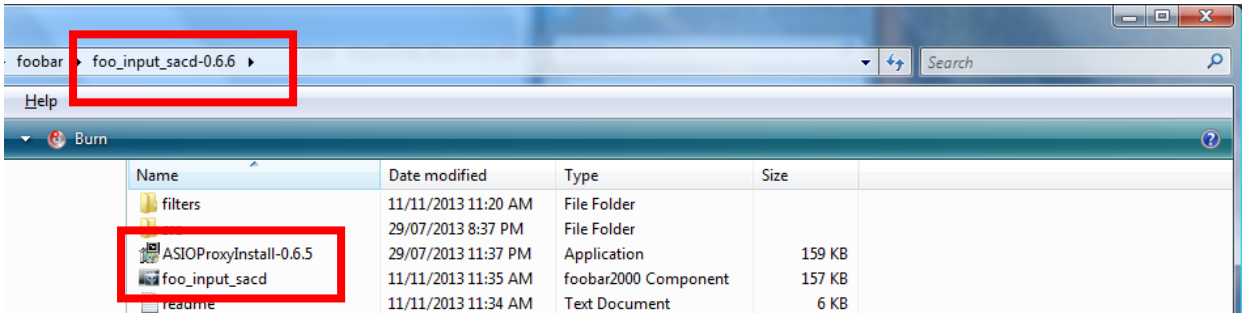
ADL A1 DSD Playback Guide

Install playback software on Windows

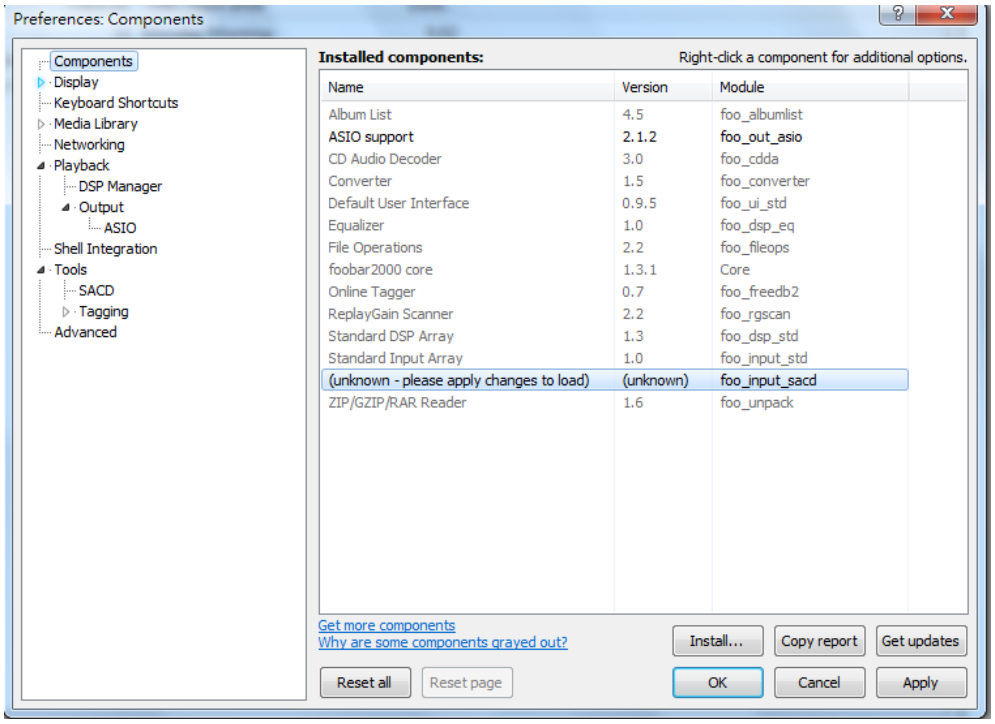
1. ADL suggests using Foobar media player for DSD playback. Go to the following website and download and install the latest stable version of Foobar media player: http://www.foobar2000.org/download



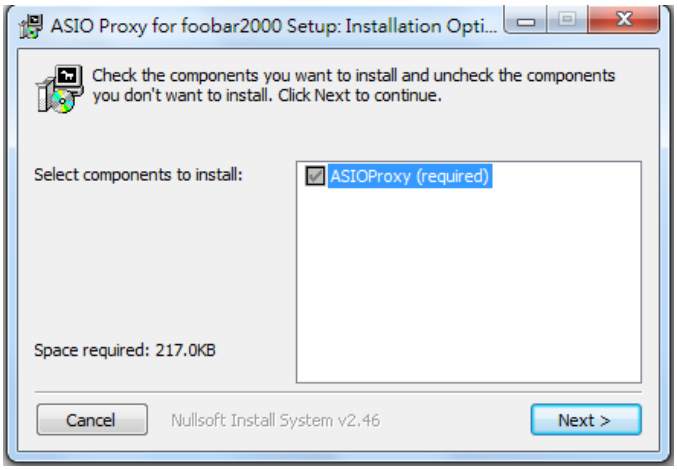
2. Download and open the "foo_input_SACD" zip file from the following link: http://sourceforge.net/projects/sacddecoder/files/latest/download
3. Unzip the file using software and save the folder to hard drive.
4. Open up the folder and install 2 files listed below



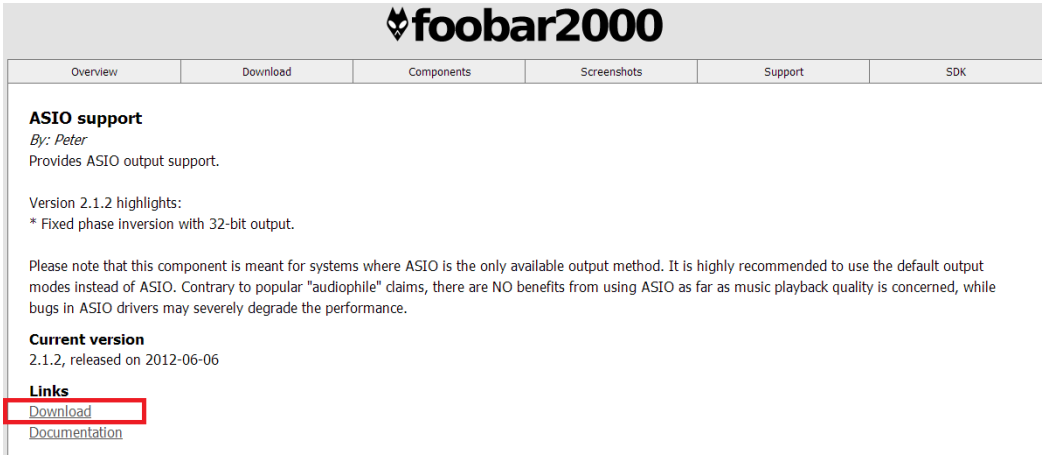
5. First double click on "foo_input_sacd.fb2k-component" for installation.
   a. Click "Yes" to continue install of foo_input_sacd.fb2k-component.
   b. Click "OK" (Foobar will automatically open)
   c. Click "OK" again and Foobar will close and restart



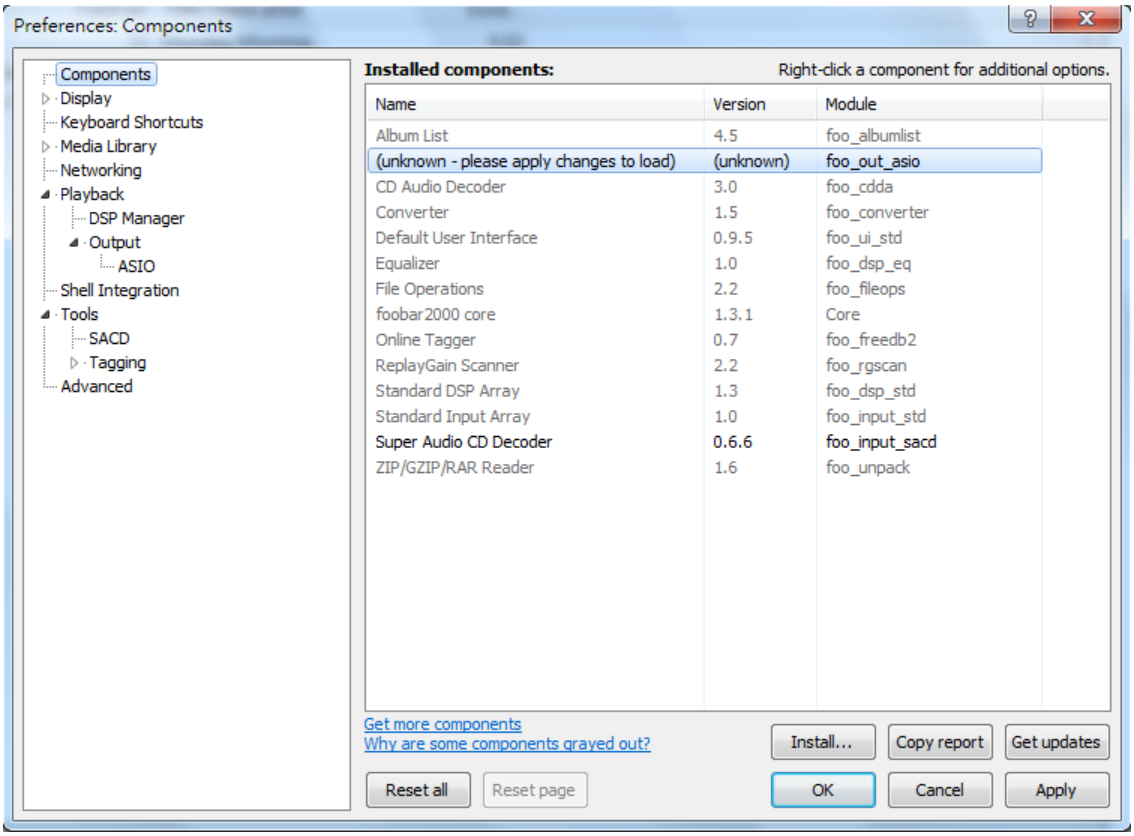
6. Double click on “ASIOProxyInstall-0.6.5.exe” for installation.
    a. Click Next and continue with install.



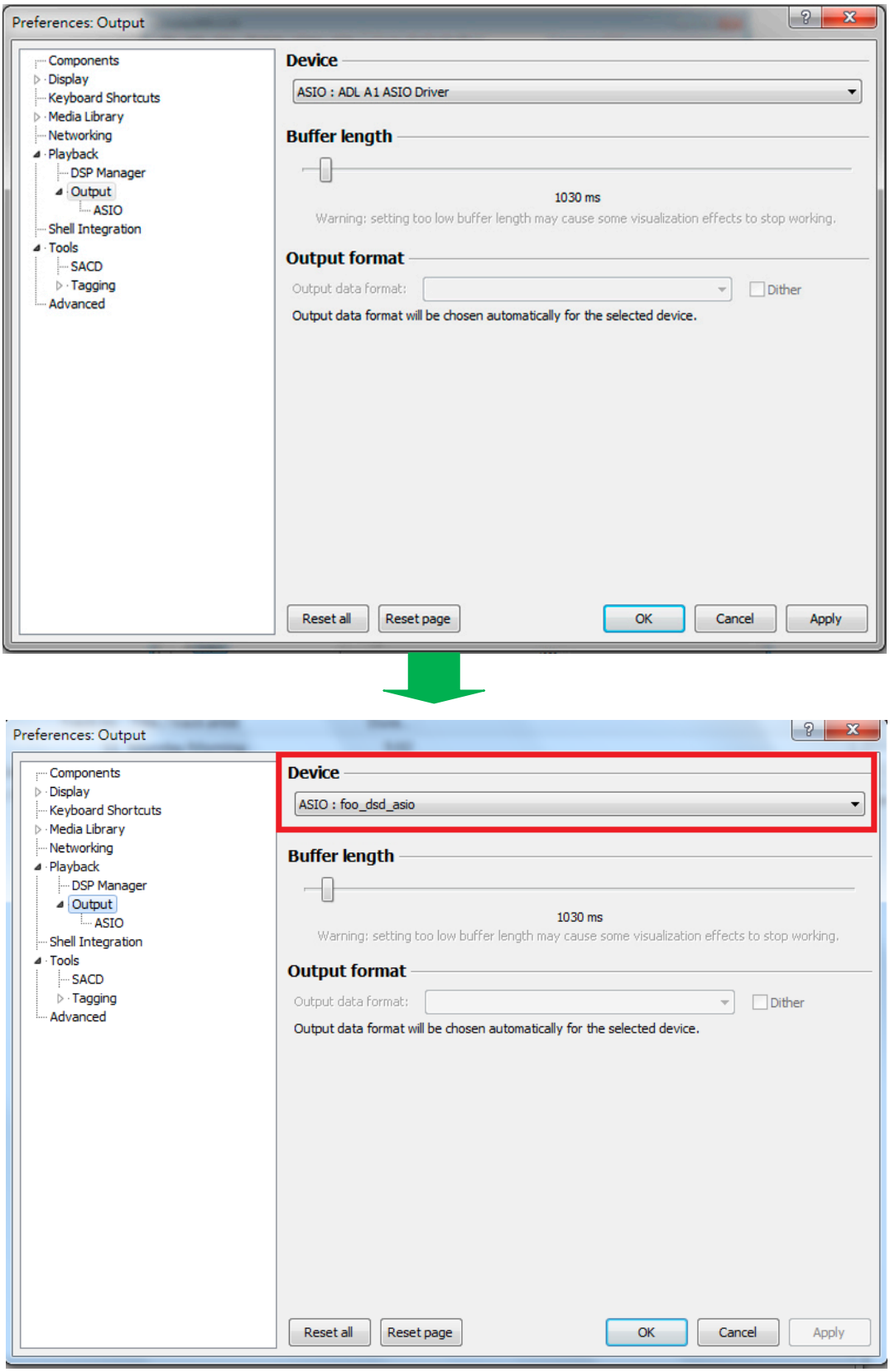
7. Download the ASIO plugin from http://www.foobar2000.org/components/view/foo_out_asio



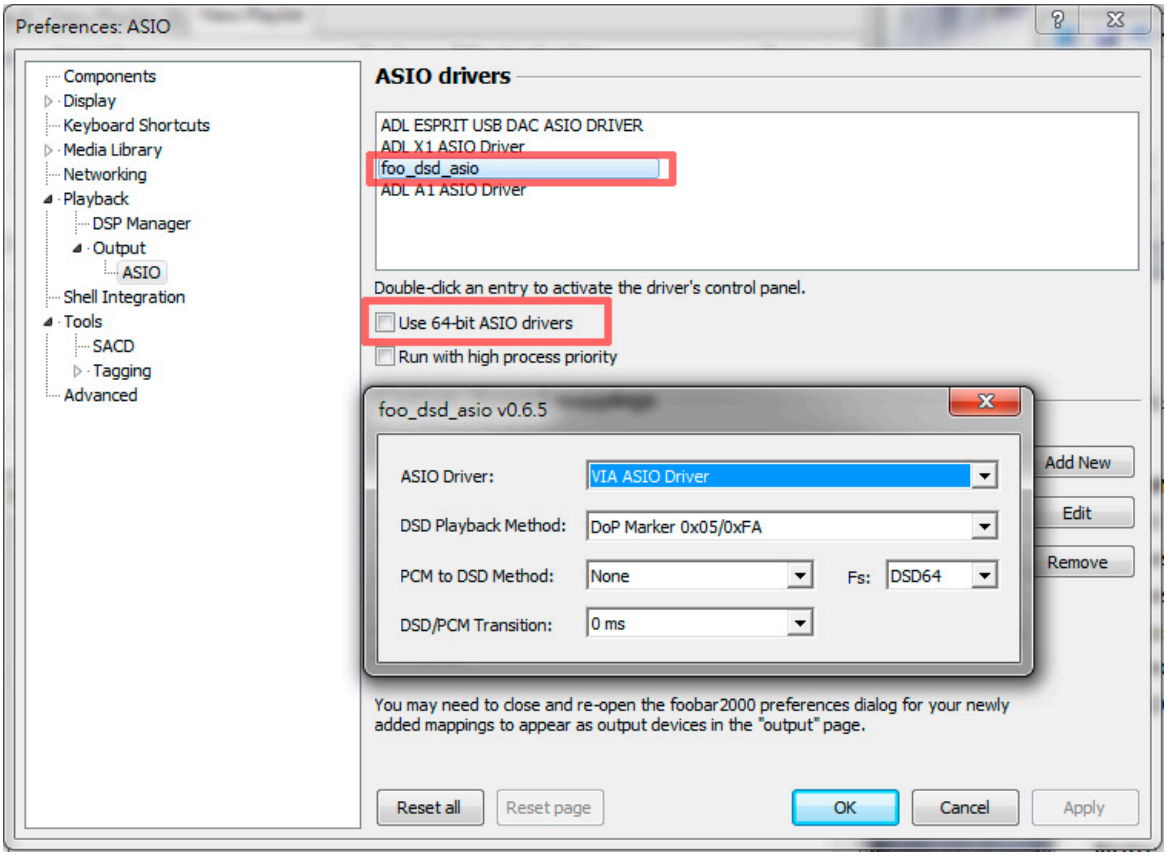
8. Once downloaded, double click on “foo_out_asio.fb2k-component” for installation.
    a. Click “Yes” to continue install of foo_out_asio.fb2k-component.
    b. Click “OK” (Foobar will close and restart)



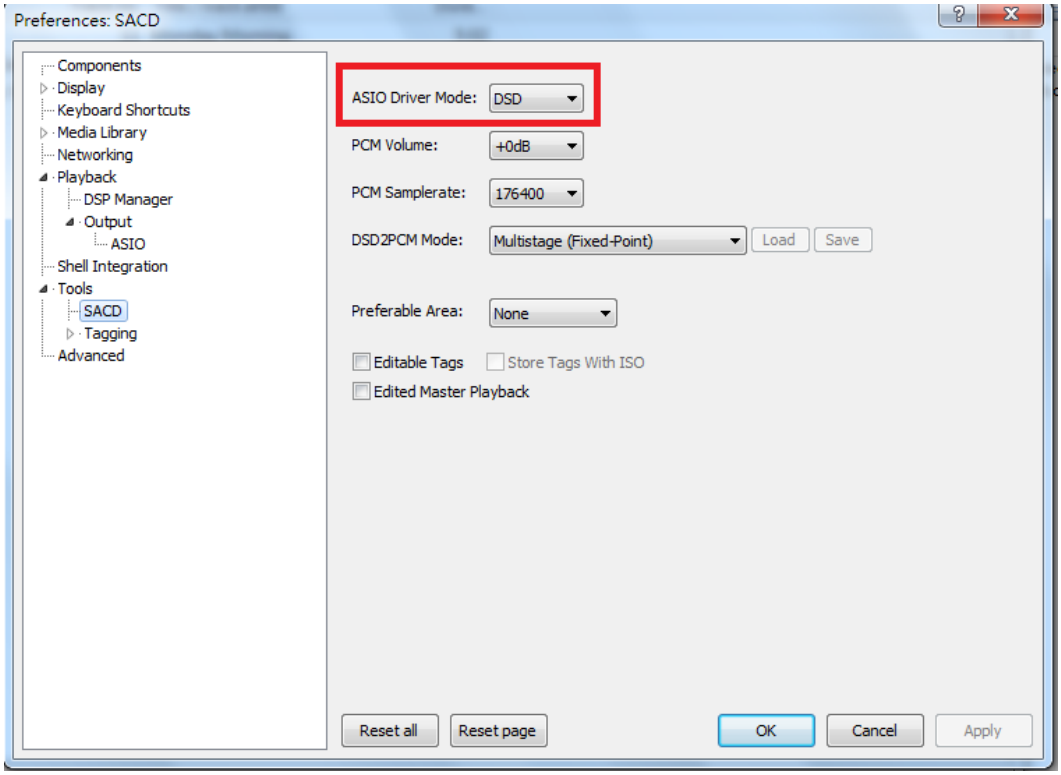
9. Once all installations have completed, check for Foobar output function for Device “ASIO: ADL A1 ASIO Driver”:
    a. Go to Foobar “Preferences” on the “File” dropdown list
    b. Select “Playback” and then “Output”
    c. On the “Device” dropdown list select “ASIO: foo_dsd_asio” for DSD file playback.
    d. Adjust the ASIO Buffer Size to 1030ms to ensure smooth playback.



10. For DSD playback configure the ASIO output.
    a. Go to File > Preferences > Playback > Output > ASIO
    b. Under the “ASIO drivers” double-click on “foo_dsd_asio” to activate the driver`s control panel and change the settings accordingly.
    c. ASIO Driver: Select VIA ASIO Driver
    d. DSD Playback Method: Select 「DoP Marker 0x05/0xFA」
    e. PCM to DSD method: Select None
    f. Fs: Select DSD64
    g. DSD/PCM Transition: Select 0 ms
    h. Do not select “Use 64-bit ASIO drivers” (A1 support ASIO drivers 32-bit Max.)



11. Configure the SACD plugin to play DSD (and not convert from DSD to PCM)
    a. Go to File > Preferences > Tools > SACD
    b. Change the settings accordingly.
    c. ASIO Driver Mode: Select DSD
    d. PCM Sample rate: Select 176400 and click “Apply” and “OK”


Preferences: SACD
Components
Display
Keyboard Shortcuts
Media Library
Networking
Playback
DSP Manager
Output
ASIO
Shell Integration
Tools
SACD
Tagging
Advanced
ASIO Driver Mode:
DSD
PCM Volume:
+0dB
PCM Samplerate:
176400
DSD2PCM Mode:
Multistage (Fixed-Point)
Load
Save
Preferable Area:
None
Editable Tags
Store Tags With ISO
Edited Master Playback
Reset all
Reset page
OK
Cancel
Apply