



# audiolab

## USB and DSD Setup Guide





## All Operating Systems

Please note that your screen display may vary depending on the operating system.

### System Requirements:

Intel Core 2 @ 1.6GHz or similar AMD processor

1GB RAM

USB 2.0 Interface

Microsoft Windows Vista 32/64 Bit incl. SP2 | Windows 7 32/64Bit | Windows XP SP3 (not recommended) Apple Mac OS from 10.6.4

## Installation of audiolab for Asynchronous Mode (audiolab USB Driver - IAG Platform)

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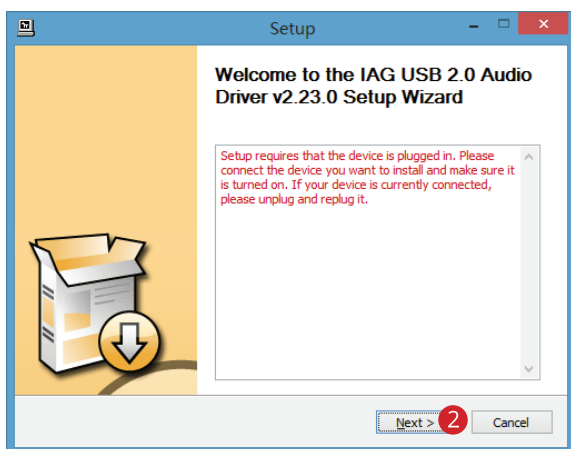
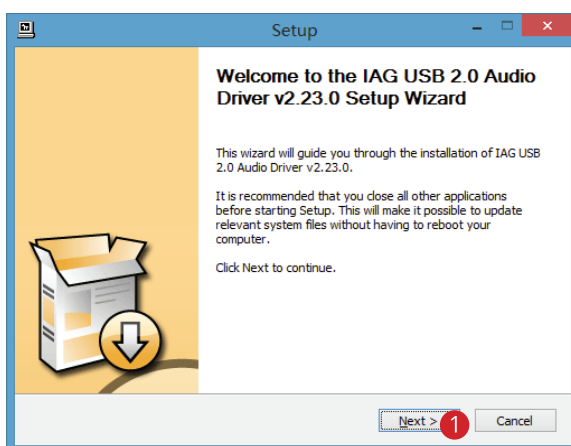
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## Windows 8 / Windows 7 / Windows 10 / Vista / XP Installation

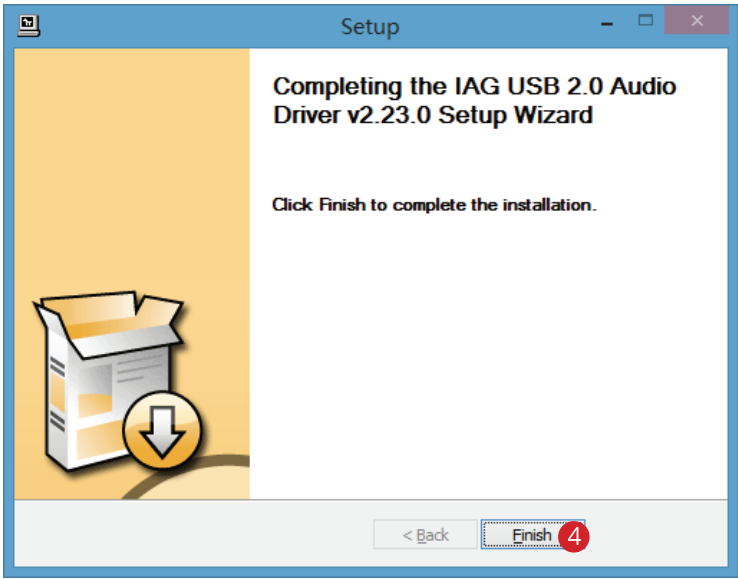
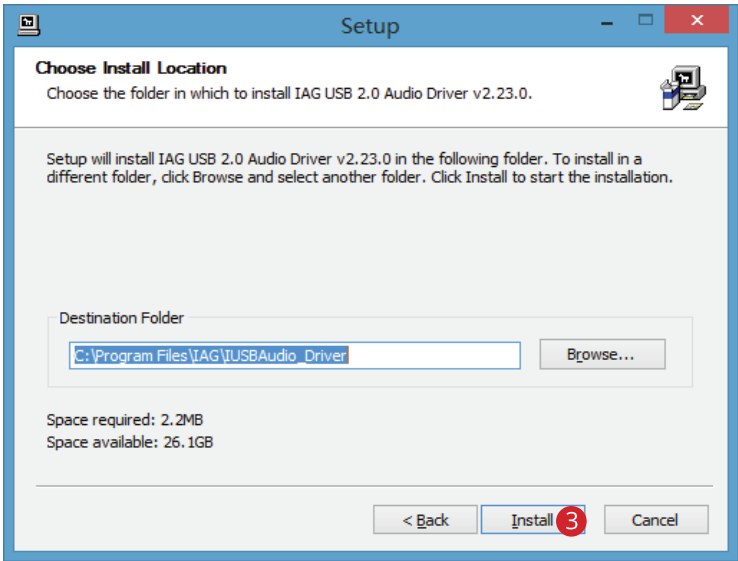
To use the USB input for the first time, the device requires the installation of the USB driver.

Follow the instructions of the setup program to install the driver.

Complete the installation by clicking 'Finish'.




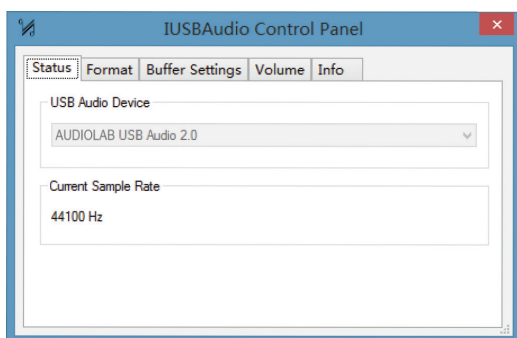
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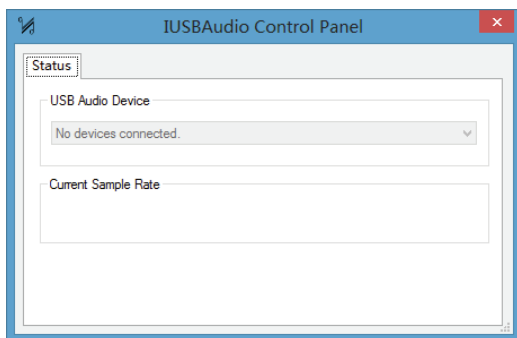
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To confirm connection of the **audiolab** product to the PC, double click on the  tab.



If this window appears then the connection has been established between the **audiolab** product and the PC, the device is now ready to use.



If this window appears then the connection has not been established, please reconnect the **audiolab** product.

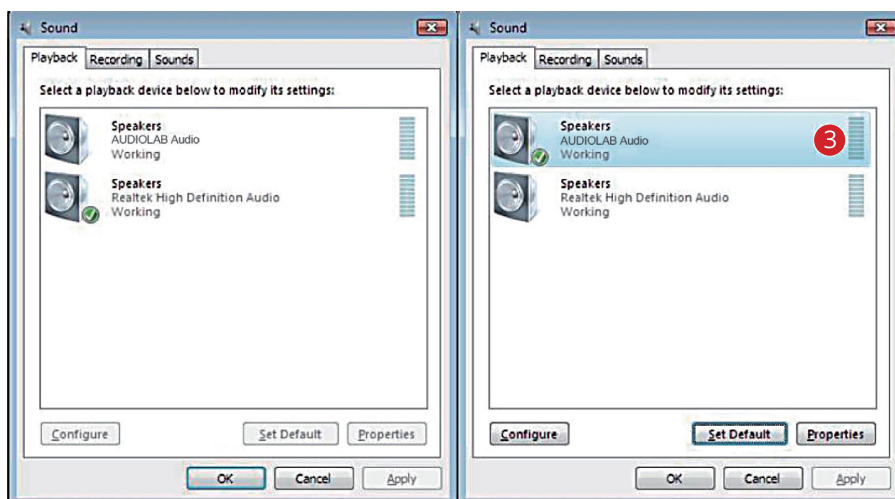
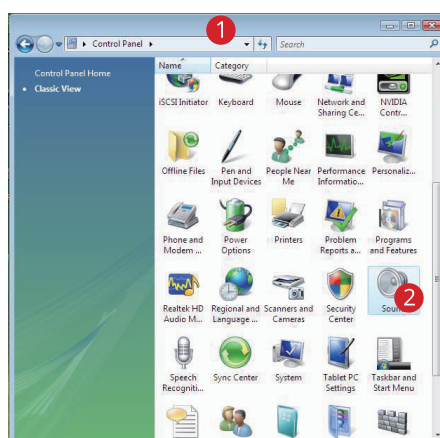
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## Windows 8 / Windows 7 / Windows 10 / Vista / XP System Setup

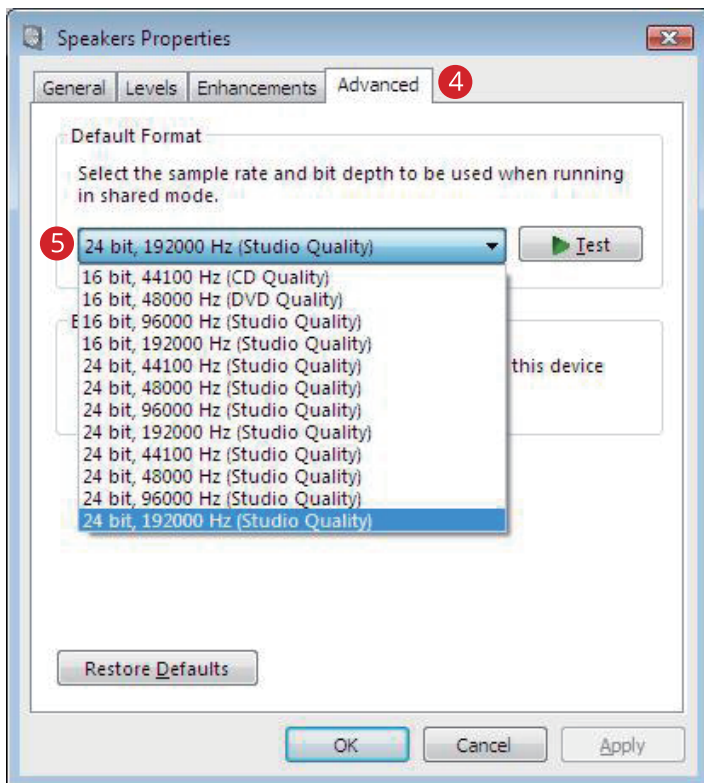
After successful installation of the driver, please connect the **audiolab** USB audio device to a free USB port. We recommend that you do not use a USB-hub, to ensure the best performance of your **audiolab** device. When listening to music from your computer, we recommend that you close all other USB applications. When connected, installed and selected accordingly, the **audiolab** USB Audio Driver replaces the internal sound card of your computer.

### Adjusting the sample rate

- 1 Open the control panel of your computer.
- 2 Open Sound.
- 3 If the **audiolab** USB Audio is not set to default, please set it to default as shown.



- 4 Under properties select Advanced and adjust the output format as required. 5



**Note:**

Windows Vista does not support the sample rate of 176.4kHz/24 bit. If you want to playback this sample rate, a music player supporting this feature is required. You can use J. River media Center or Foobar for example.

Windows XP does not support sample rates of more than 48 kHz. You need a special music player to play back other sample rates, for example J. River media Center or Foobar.

## Install and Setup Foobar2000 in Windows OS to Run PCM and DSD Audio

1. Download Foobar2000 from official website, install Foobar2000 on windows.

2. Download the SACD plugin from official website.

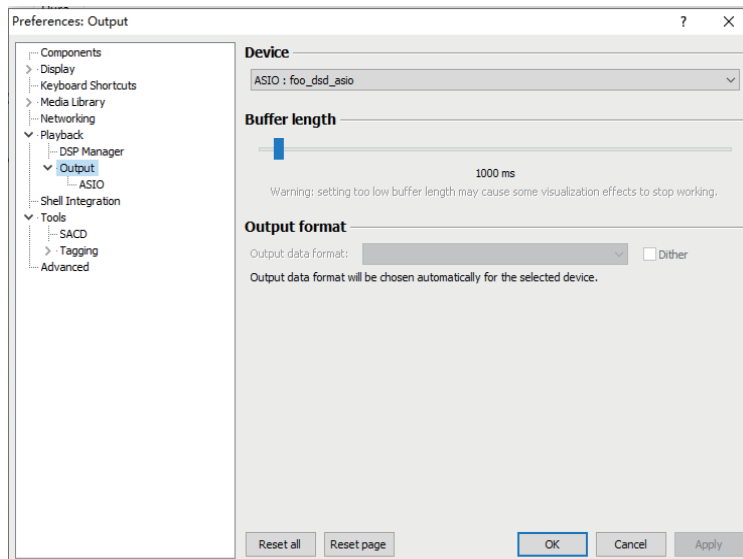
- Unzip SACD plugin,
- Click the .exe file to install,
- Foobar will pop-up a windows, please click "Apply" to restart Foobar.

3. Download the ASIO plugin from official website.

- Unzip ASIO plugin,
- Click the .exe file to install,
- Foobar will pop-up a windows, please click "Apply" to restart Foobar.

4. Configure the Output Device

- Go to Playback->Output
- Select the Device: ASIO foo\_dsd\_asio

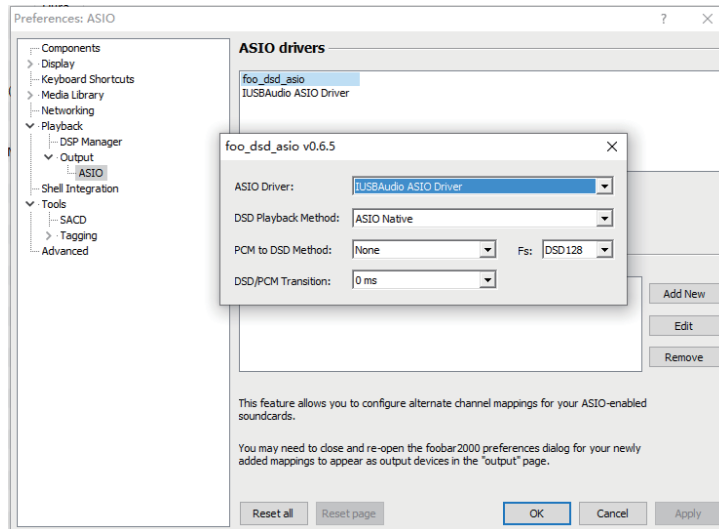




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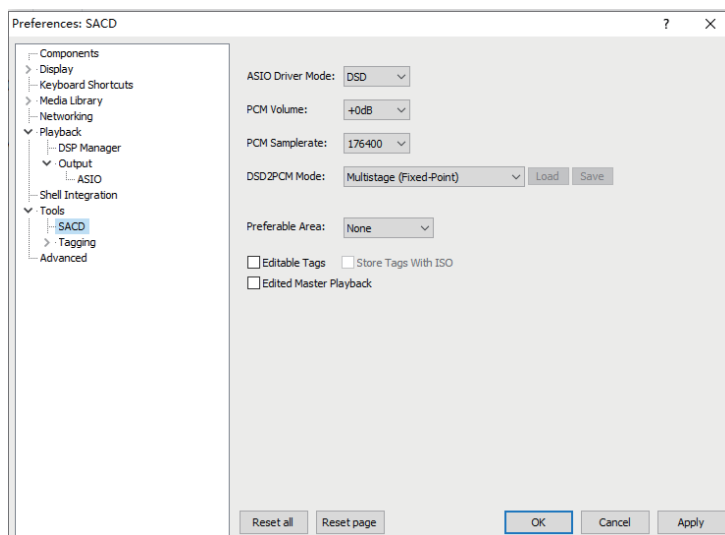
## 5. Configure the ASIO output

- Goto Playback->Output->ASIO, double-click on foo\_dsd\_asio
- Select the IUSBAudio ASIO Driver
- Select the ASIO Native
- Select PCM to DSD Method:None
- Select Fs:DSD128



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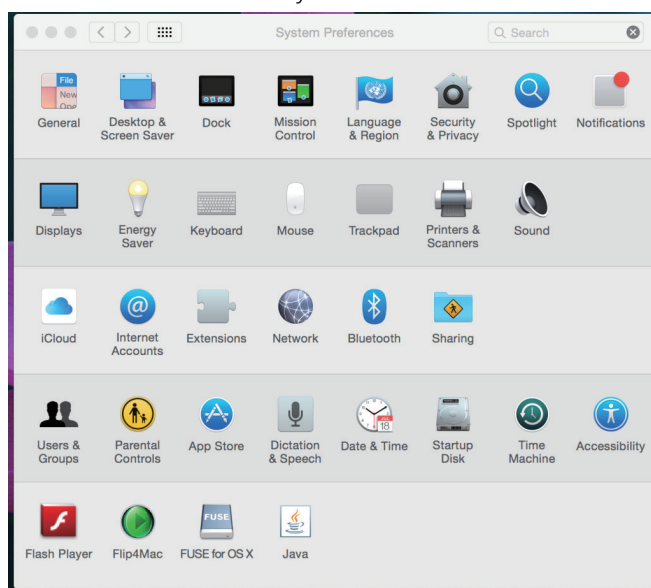
6. Configure the SACD plugin to play DSD (and not convert from DSD to PCM)
  - a. GotoTools->SACD
  - b. Set ASIO Driver Mode to DSD
  - c. Set PCM Sample Rate to 176400
7. Load some some PCM or DSD audio into Foobar2000 and play.



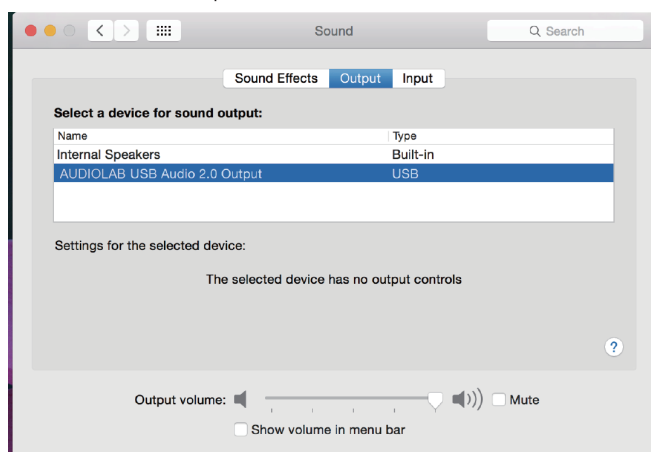
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## Install and Setup Itunes in Mac OS X to play PCM audio

1. Click the "Sound" icon In "System Preferences".

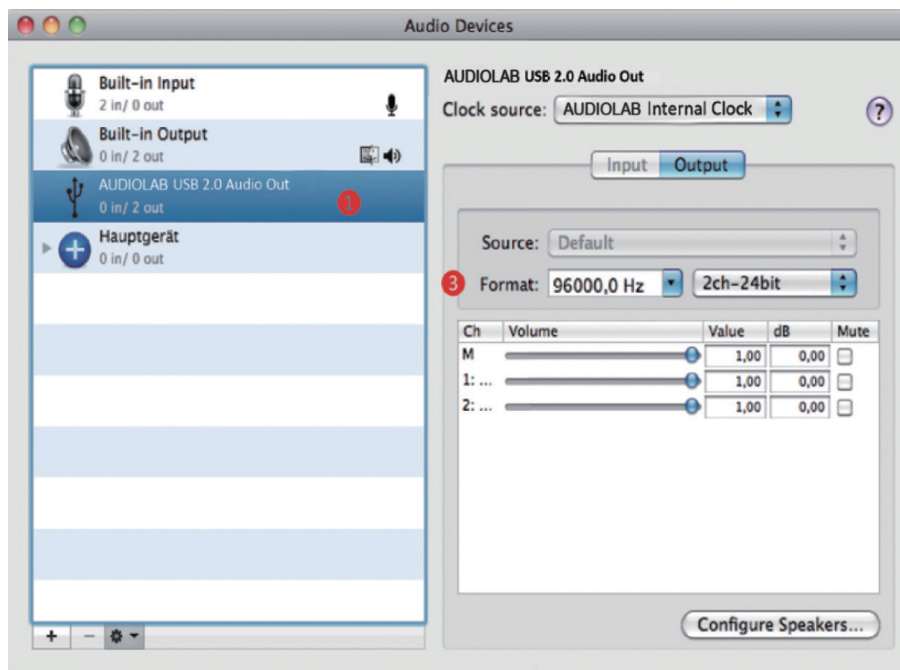


2. Click the "Output" tab in "Sound", select the "**AUDIOLAB** USB Audio 2.0 Output" as the device for sound output.



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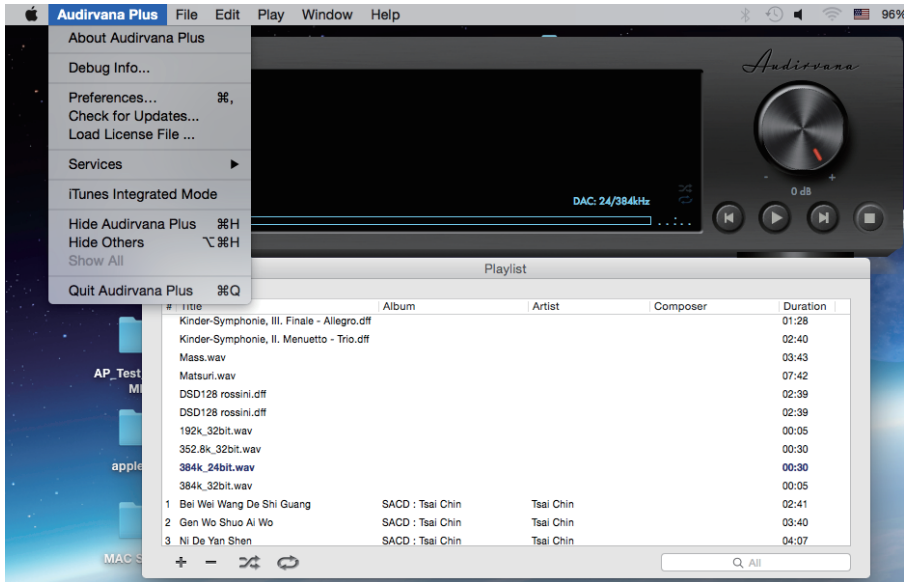
3. Click “Audio MIDI Setup” in the Utilities Screen to open “Audio Devices”.
  - a. Click “**AUDIOLAB** USB Audio 2.0 Output” in the main menu.
  - b. In the pop up menu, select “Use this device for sound output”.
 Music from iTunes will be directed to the **audiolab** products, but the alert sounds will be sent to your secondary speakers.
  - c. Set the format to “44100.0Hz-24bit”, the default sampling rate should be selected as 44100.0Hz-24bit, if you are playing music at other sampling frequencies, you should set the sampling rate to match that rate.
  - d. Load some PCM audio into iTunes and play.



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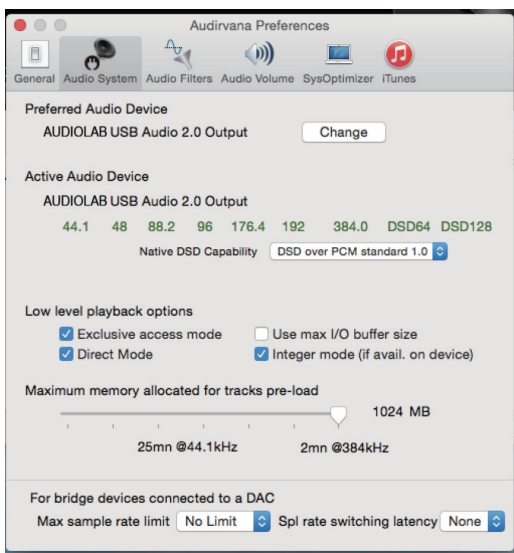
## Install and Setup Audirvana Plus in Mac OS X to play PCM or DSD audio

1. Open Audirvana Plus, Click "Preferences" from "Audirvana Plus" drop-down menu.

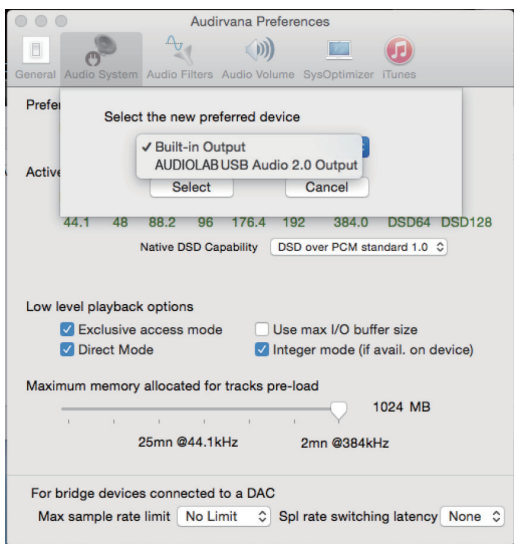


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2. Open “Audirvana Preferences” dialog box, click “Change” in “Audirvana Preferences” dialog box.



3. Select “AUDIOLAB USB Audio 2.0 Output” icon as the device for sound output.



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4. Load PCM or DSD audio into Audirvana Plus and play.



## Attention Before Service

If the above operations fail to work, please try the following steps:

1. Please connect the power cable before plugging USB cable to your PC.
2. Please unplug and reconnect the power cable or USB cable when the PC does not recognise the device / when it works abnormally.
3. Please disconnect the power cable and USB cable when unused for a long time.

\* Should the above symptoms persist with all instructions observed, your product may require servicing.

