



Operating Instructions

Network Audio Player N-70A/N-50A
USB Audio Driver software (for Mac)

About these Operating Instructions

When a USB cable is used to connect the unit's **USB DAC** port to a computer, audio files located on the computer can be played.

If this function is used to playback PCMs, there is no need to install a driver software on your computer. However, if you wish to use this function for DoP playback of DSD audio sources, you will need to install a special driver software on your computer.

These Operating Instructions contain important information necessary for playing files on the computer, including instructions about how to install the driver and how to perform troubleshooting in event of problems.

Computer Environment

To utilize this driver, your computer must be equipped with a USB port supporting USB Rev2.0 HS. For information regarding supported computer operating systems and playback software, please consult the Pioneer website (the download page for this driver).



Note

- To play music files from a computer, it is recommended that all computer applications be closed except for the music player application.
- In order to playback DSD audio sources, you must have AudirvanaPlus (paid) installed on your computer.
- The sampling frequencies and number of quantization bits that can be output by your computer may differ depending on the computer's operating system and the version of playback software used.
- The number of bits shown on the unit's display is not the number of bits of the music file, but the value as set by your computer.

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Installing the driver software

1 Download the driver program.

The driver software can be downloaded from the Pioneer website.

- When downloading the driver program, designate the folder where you wish the program to be saved.
- Depending on the browser program used or its settings, it may not be possible to designate the folder for saving downloads. In this case, the file will be saved to a folder location previously designated by the program.
- The driver program will be downloaded in compressed ZIP format.
The downloaded compressed file will have a name like "Pioneer_N70A_N50A_MacDriver_****.zip", where "****" will indicate the program's package number.

2 Following completion of the download, decompress the compressed file.

Double click etc. on the downloaded compressed file (driver software) and decompress it to any desired location on your computer.

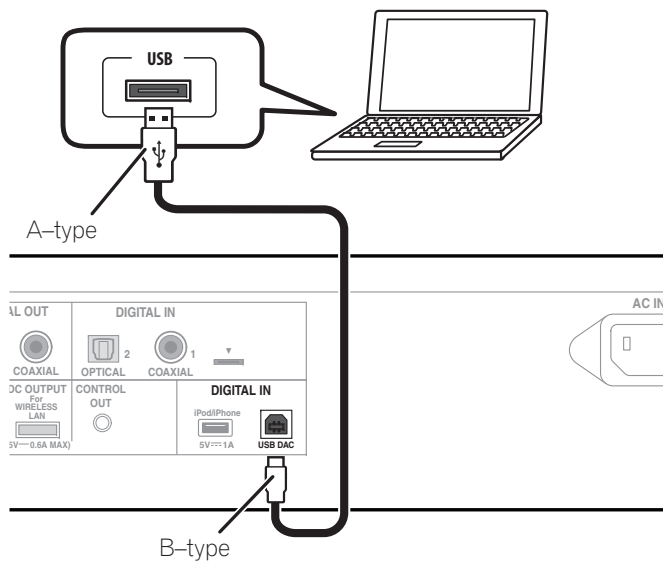
After decompression, the folder holding the driver program will be named "Pioneer_N70A_N50A_MacDriver_****", where "****" will indicate the program's package number.

- When the compressed file is decompressed, a folder will be created. The installer (Pioneer N70A N50A.dmg) is saved inside this folder.
- For more information regarding the software used to open the compressed file, please consult your software publisher or computer vendor.

Procedure continues.

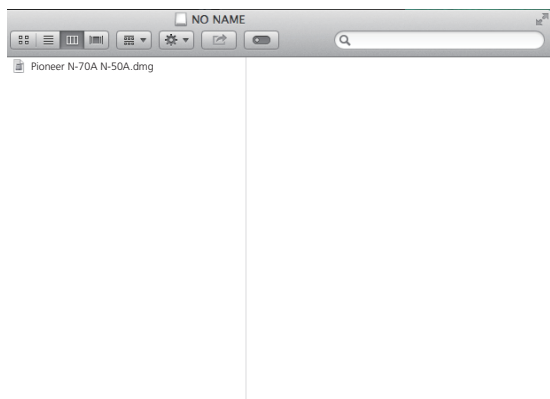
- 3 Use a proper USB cable to connect a computer to a device equipped with USB DAC connector, then turn on the power.

For more information regarding connections, check the Operating Instructions for this device.



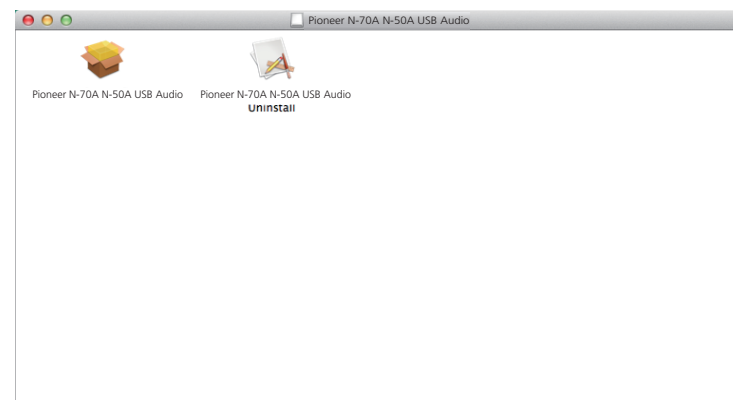
* The illustration may appear differently, depending on the model used.

- 4 Switch the input for the connected device to the source supporting the USB DAC port (USB DAC In).
- 5 Double click on “Pioneer N70A N50A.dmg”, located inside the decompressed folder.



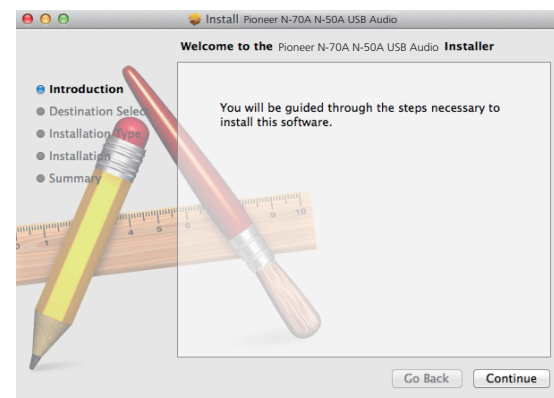
The installer file and uninstaller file will appear.

- 6 Double-click on “Pioneer N-70A N-50A USB Audio”.



The installer will start.

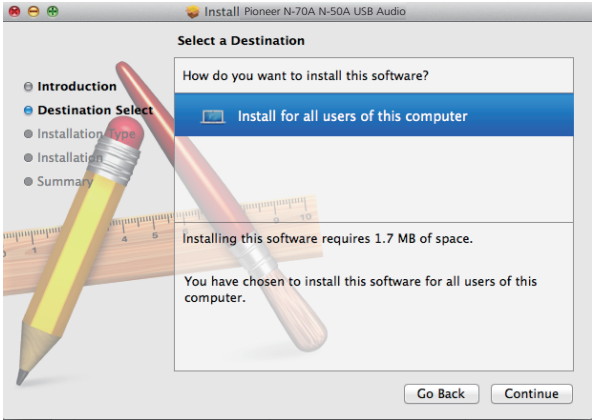
- 7 Click on [Continue].



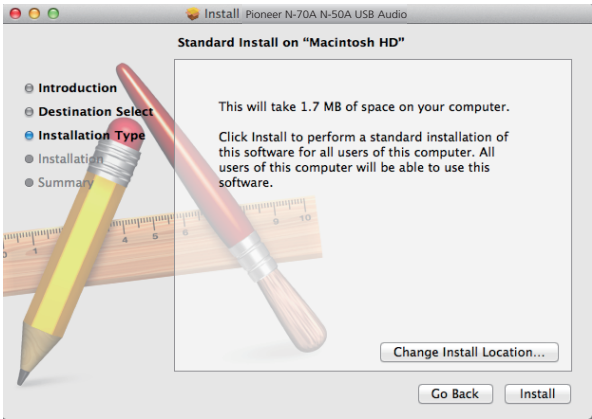
“Destination Select” screen will appears.

Procedure continues.

8 Select [Install for all users of this computer], then click on [Continue].

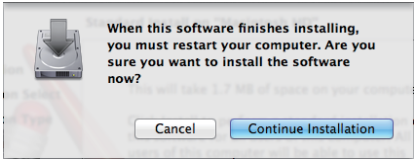


9 "Installation Type" screen will appears.
Click on [Install].

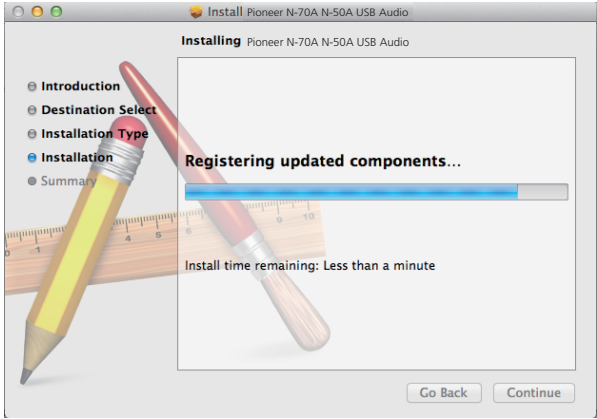


Procedure continues.

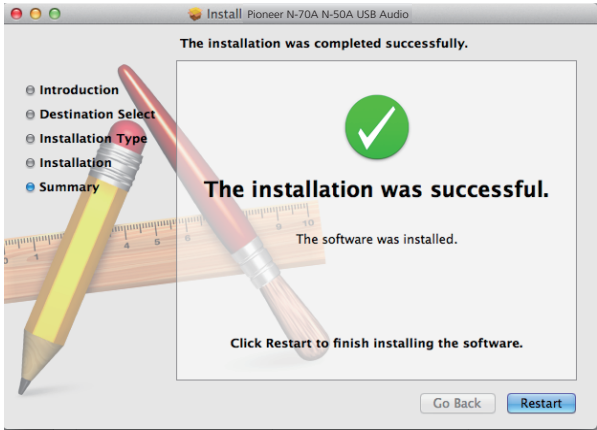
10 Click on [Continue Installation].



The following screen will appear; wait until the step 11 instructions appear.



11 Click on [Restart].



The driver installation is completed.

Procedure finished.

To uninstall the driver

If you wish to uninstall (delete) the driver at any time after installing it, perform the following operation on your computer.

1 Double-click on “Pioneer N-70A N-50A USB Audio Uninstall”.

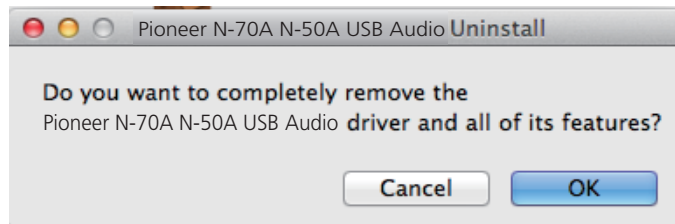
The uninstaller dialog will appear.



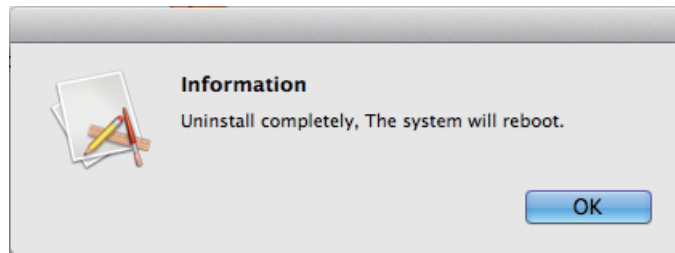
Note

- The “Pioneer N-70A N-50A USB Audio Uninstall” file will appear after double clicking on “Pioneer N70A N50A.dmg”. (See Page 3)

2 Click [OK] to execute the uninstall process.



3 Click [OK] and complete the uninstall.



The driver software will be uninstalled.

Procedure finished.

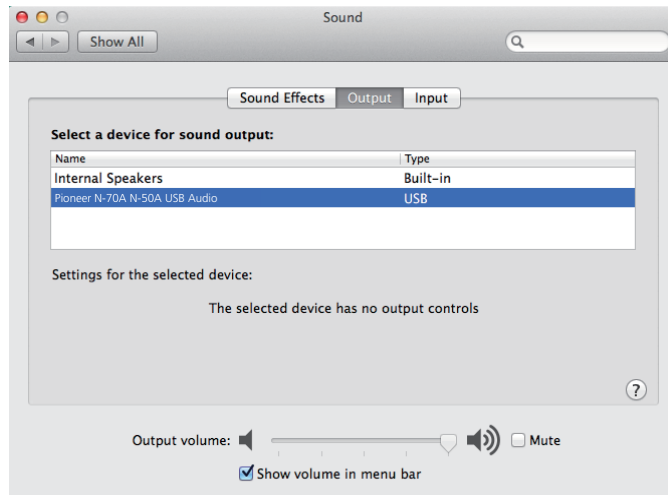
Troubleshooting

1. No sound

Do not boot your computer's music player program if the power is turned off to the device with the **USB DAC** port, or if the **USB DAC** port has not been selected as the input source.

Boot your computer's music playing program only after switching the input to the **USB DAC** port. For information about the name of inputs supported by the **USB DAC** port, see the Operating Instructions for this device.

- 1 Click on [System Preferences...] → [Sound].
- 2 Select the [Output] tab, then under [Select a device for sound output], select [Pioneer N-70A N-50A USB Audio].



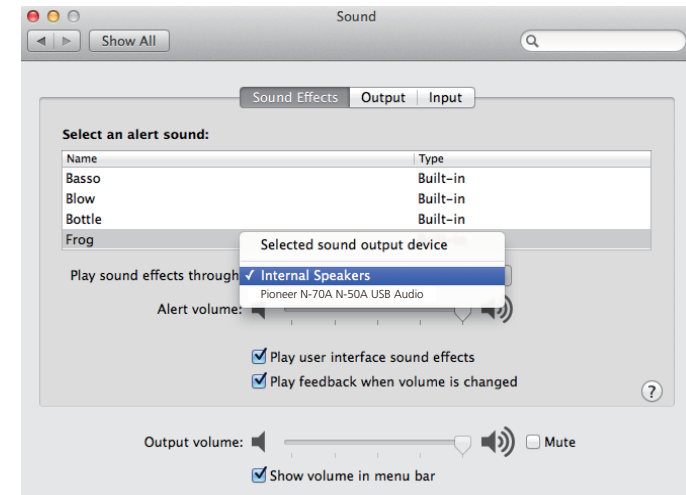
If the [Pioneer N-70A N-50A USB Audio] does not appear, confirm that the **USB DAC** port has been selected as input source. Then try reconnecting the cable or turning the power off and then on again; when this is done, the [Pioneer N-70A N-50A USB Audio] should be recognized.

Procedure finished.

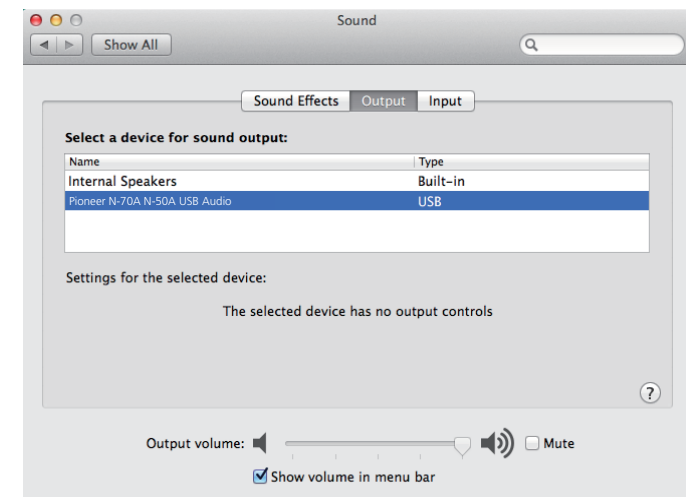
2. To disable the operating system's sound scheme

Under default OS settings, computer events may be accompanied by audio signals and beeps that are audible through the speakers attached to the device. In the event you do not wish to hear such non-music signals, follow the instructions listed below:

- 1 Click on [System Preferences...] → [Sound].
- 2 Click on [Sound Effects] tab, and for the item [Selected sound output device], click [Internal Speakers].



- 3 Select the [Output] tab, and for the item [Select a device for sound output], click on [Pioneer N-70A N-50A USB Audio].

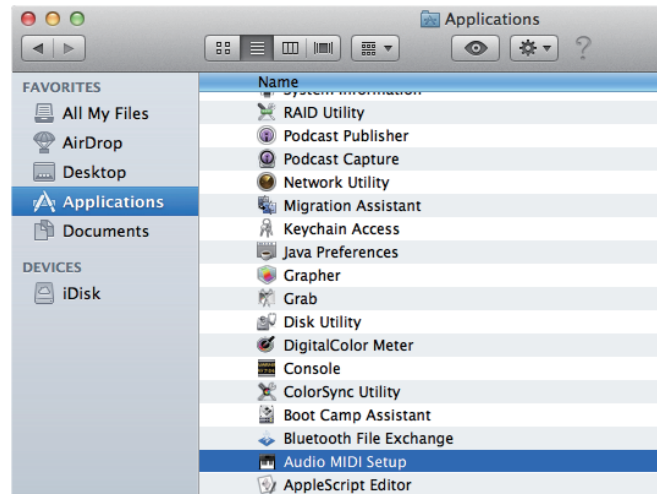
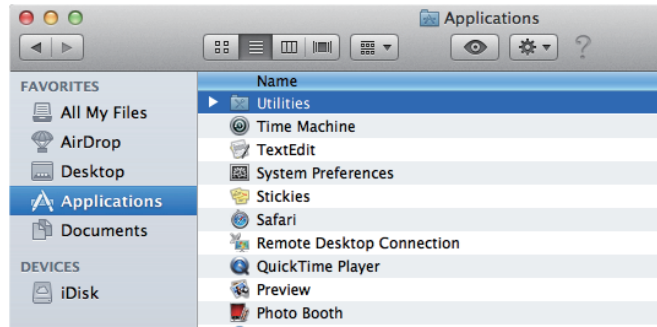


Procedure finished.

3. To set the sampling frequency for audio data output from your computer

By synchronizing the sampling frequency of playback files with the transmission sampling rate, sound can be transmitted without the need for frequency conversion.

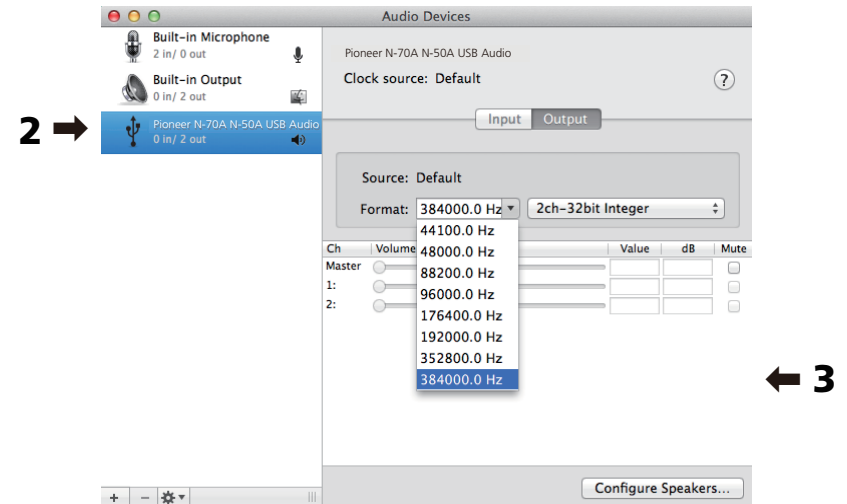
1 Click on [Finder] → [Applications] → [Utilities] → [Audio MIDI Setup].



Procedure continues.

2 Select [Pioneer N-70A N-50A USB Audio].

3 Select the bit rate and sampling frequency for the desired audio file.



Procedure finished.

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