SETUP Room 140

The following guide ensures correct operation of the components in this space.

This room consists of the following setup from left to right:

Novation Impulse 61	-	Midi Controller keyboard
Akai MPD 18	-	Midi controller pad station
Roland Gaia	-	Synthesizer
Neumann KH 120	-	Speakers
iMac	-	Audio Workstation
AKG K240 MK2	-	Headphones
XLR	-	Patchbay
UAD 4-710d	-	4 channel Mic/line Preamp
UAD Apollo	-	8 channel Audio Interface

FUNCTION:

Primarily this room can be used as a Music Composition / Editing Room with a capability to record up to 8 live signals in real time (4 mic or line signals).

SOUND Playback

Switching Off and on
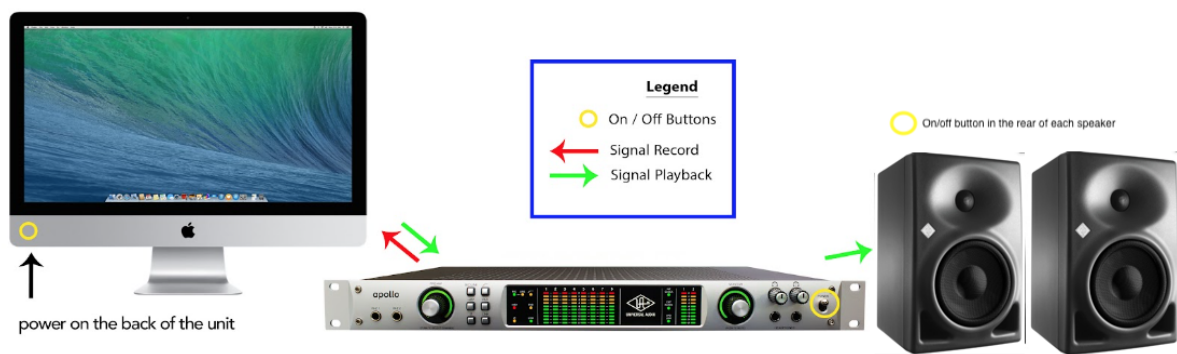
Switching on procedure:

1   -   the IMAC workstation (power button is located on the back)

2   -   the Apollo Audio Interface.
             switching the on\off button will turn the unit on/off.

3   -   the two Speakers.

Switching off procedure same as above in reverse order.

1   -   the two Speakers

2   -   the Apollo Audio Interface.
             Pushing the on/off button longer than 2 sec. will turn the unit on/off.

3   -   Shutting down the IMAC

The Audio Interface unit:

The Apollo Audio Interface unit is an integral component for this space.

- Switch between Mic and Line input

- On/Off switch

- Push to select Channel
- Rotate to adjust Input gain of each channel

- Push to mute
- Rotate to Adjust output level

If you'd like to **hear** any AUDIO the **Apollo unit has to be turned on** and the right dial has to be used as demonstrated in the picture.

MONITOR: Volume to Speakers
Headphone 1 socket: Volume to headphone 1
Headphone 2 socket: Volume to headphone 2

The Computer settings:

Computer settings need to be selected as in below pictures in:
System Preferences => Sound\
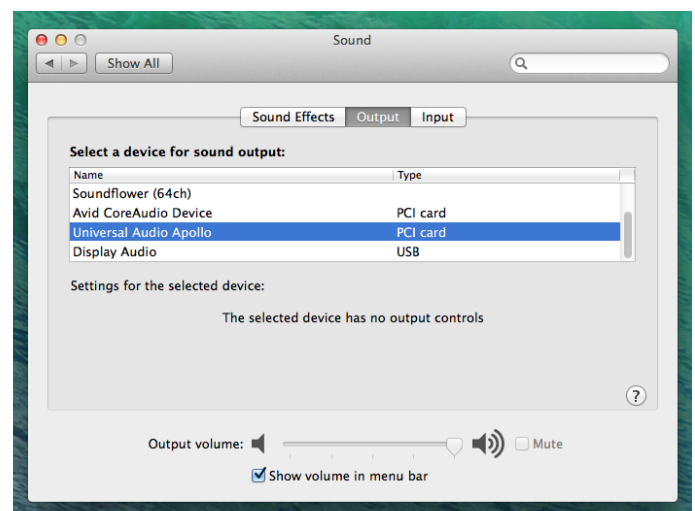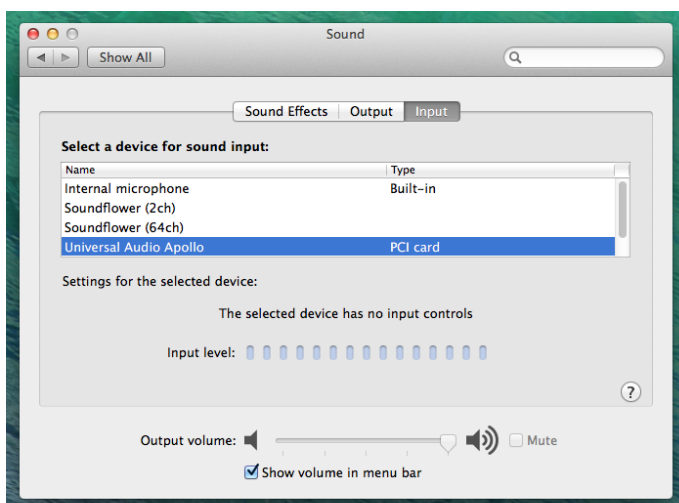
SOUND Recording

Recording Virtual Instruments / Midi

You have essentially 2 MIDI controllers which can be used to enter MIDI data:

- The Novation Impulse 61
- The Akai MPD 18

If you have difficulties setting up any of these Controllers in your respective Audio software, do the following:

1.   Make sure the unit is connected via USB to the computer
2.   Switch the device off and on again
3.   Check Applications => Utilities => **Audio Midi setup** => Window: Show MIDI Studio
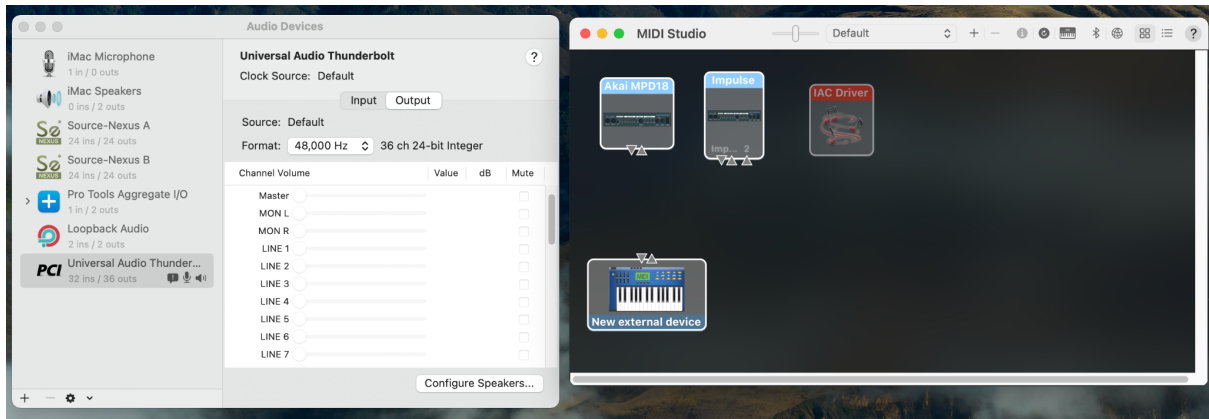
Recording Roland Gaia Synthesizer

The Roland Gaia Synthesizer is permanently assigned to the line in 7 & 8 of the Apollo Audio interface.

If you intend to record this synth, simply assign channels 5 and 6 as the input of an audio track on your preferred DAW.

The Patchbay

If you intend to connect or use external gear such as microphones, and Guitars, you need to know the signal flow between the devices in the Rack to successfully capture a sound source.

Below is a signal FLOW CHART:

Patchbay Ch.	Hardware Input	Apollo/DAW Input	Notes
1	Apollo **Mic/Line** in 1	Input 1	Works with both Line/Mic signals.
2	Apollo **Mic/Line** in 2	Input 2	Selection is made on the front panel of the Apollo.
3	Apollo **Mic/Line** in 3	Input 3	
4	Apollo **Mic/Line** in 4	Input 4	
5	UA 4-710d **Line** in 1	Input 1	Channel mode in the Apollo must be set to **Line**
6	UA 4-710d **Line** in 2	Input 2	Channel mode in the Apollo must be set to **Line**
7	UA 4-710d **Line** in 3	Input 3	Channel mode in the Apollo must be set to **Line**
8	UA 4-710d **Line** in 4	Input 4	Channel mode in the Apollo must be set to **Line**
9	UA 4-710d **Mic** in 1	Input 1	Channel mode in the Apollo must be set to **Mic**
10	UA 4-710d **Mic** in 2	Input 2	Channel mode in the Apollo must be set to **Mic**
11	UA 4-710d **Mic** in 3	Input 3	Channel mode in the Apollo must be set to **Mic**
12	UA 4-710d **Mic** in 4	Input 4	Channel mode in the Apollo must be set to **Mic**

Lastly, be aware that the interface is set up in the Audio Preferences of your Software. Below is an example in Logic Pro X. You must hit Apply Changes!
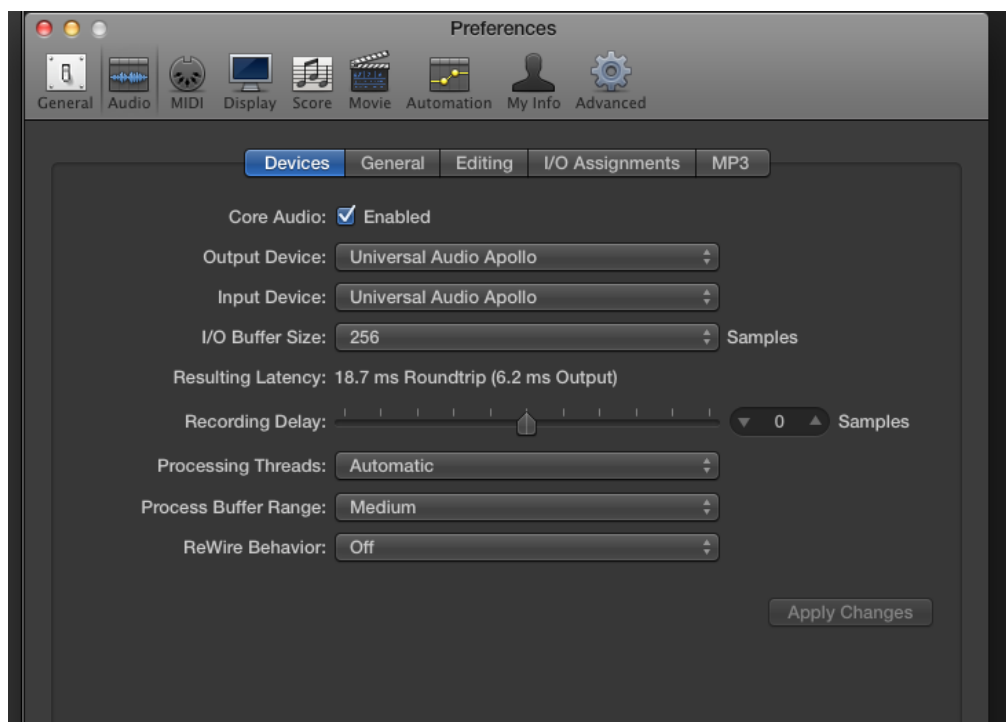
Plugging external computer

In order to play audio from an external source, please use the provided AUX cable. (3.5mm TRS)

The cable is plugged to channel 7 and 8 of the Apollo Audio Interface, so please make sure these channels aren't muted.

HAPPY RECORDING in 140.

For troubleshooting, please request assistance in C3-108, or send an email to: nyuad.music@nyu.edu