Basic Required Steps to Getting Started in SCHN 448

1. Wake computer. If the computer is off, you can turn it on in the machine room which is located in the vestibule – the room is labeled SCHN 446. You will find the power button on the side of the Mac Pro.

2. You’ll find remotes for the projector and other devices in the palm rest drawer on the right side of the control surface.

3. Launch Nuendo. For any audio to playback in the room, Nuendo **must** be running.

4. Close the Steinberg Hub dialog box
5. Open VST Connections from the Devices drop-down menu

![VST Connections Window]

6. In the VST Connections window, select the SCHN 448 – Default 1 preset on the Inputs, Outputs, and Studio tabs

![VST Connections Presets]

Playing Back Core Audio

1. Having completed the steps above you can play back content from your source of choice (Spotify, YouTube, etc.). The DVD drive is located in the machine room, SCHN 446. Blue Ray discs use the Blue-ray player app located in the dock.

![DVD Drive and Blue-ray Player]

2. To hear your audio, you will use the control surface. Ensure the following options are selected which match the image below.
   a. Downmix – 1
b. Monitor – A

c. Monitor Source – Select EXT and EXT 1

d. The knob in the Control Room section controls your volume.

Using Other DAWs

3. When using audio production programs other than Nuendo (Pro Tools, Logic, Audition, iZotope RX etc.), ensure the following options are selected which match the image below.

   a. Downmix – 1
   b. Monitor – A
   c. Monitor Source – Select EXT and EXT 2
   d. The knob in the Control Room section controls your volume.
Using the Roku

1. There is a Roku installed on the control surface which can be used for playing back content in surround as only stereo is supported in the browser. The unit can also play back video files from a USB drive.

![Roku control panel image]

1. Use the projector remote to change the video source to HDMI 2. When you are finished you must change it back to HDMI 1.

2. When using this device, you must authorize and deauthorize your accounts each time. Otherwise, your account will be logged in and accessible to others!!!

4. When using the Roku, ensure the following options are selected which match the image below
   a. Downmix – 1
   b. Monitor – A
   c. Monitor Source – Select EXT and EXT 3
   d. The knob in the Control Room section controls your volume
Common Issues & Troubleshooting

1. Followed all the instructions but audio is not passing from the Mac? First, be certain you followed them correctly.

2. Launch Audio Midi Setup from the Dock and verify the Yamaha AIC128-D is selected as the output device with a format that includes 48.0 kHz

   a. Select the Configure Speaker button in the lower right-hand corner of the Audio Devices window which will allow you to ensure all routing matches the picture below.

3. If the audio seems to be left-heavy, the speaker calibration may be off. To ensure you are using the calibration settings, please take note of the following steps.
   a. Select Nuage I/O Setup under Devices
b. Select the ATT & Delay tab and then select the current available calibration preset

![Image of ATT & Delay settings]

**Advanced Issues & Troubleshooting**

1. *Steps in this section are only to be undertaken by advanced users or faculty*

2. Launch the Dante Controller from the dock and ensure all indicators are green checkmarks. A red light under Event Log is not an error

![Image of Dante Controller]

a. In the Dante Controller under the Clock Status tab, ensure that all indicators are green and that all settings match the image below.

![Image of Clock Status settings]
b. If a checkmark under Bullet 2 isn’t green or if settings under Bullet 2a do not match, open any device by double-clicking and select the Device Config tab. Ensure that the Sample Rate for the device is 48k. Select each additional device under the top dropdown and ensure they are also set to 48k.

c. If signal flow issues persist, you can import the Dante preset using the following steps

   i. From the File menu in the Dante Controller, select Load Preset.

   ii. Select SCHN 448 Dante Default 1.xml from the open dialog box and click Open.
iii. Select Ok in the following dialog box. It may give a warning that settings may change – this is ok. Please wait a few moments for all subscriptions to be re-enabled.

3. If there are clocking issues or if the Nuage is acting up:
   c. Shut down the computer completely.
   d. Shut down all Nuage modules. Power switches can be found on the rear of the control surface.
   e. Shut down the Nuage IO, Yamaha RiO, Cisco switch, and Magma expansion chassis (the silver box next to the Mac Pro).
      i. The switch and expansion chassis do not have power switches and will need to be unplugged.
   f. In reverse order, re-power all devices ending with the Mac Pro.