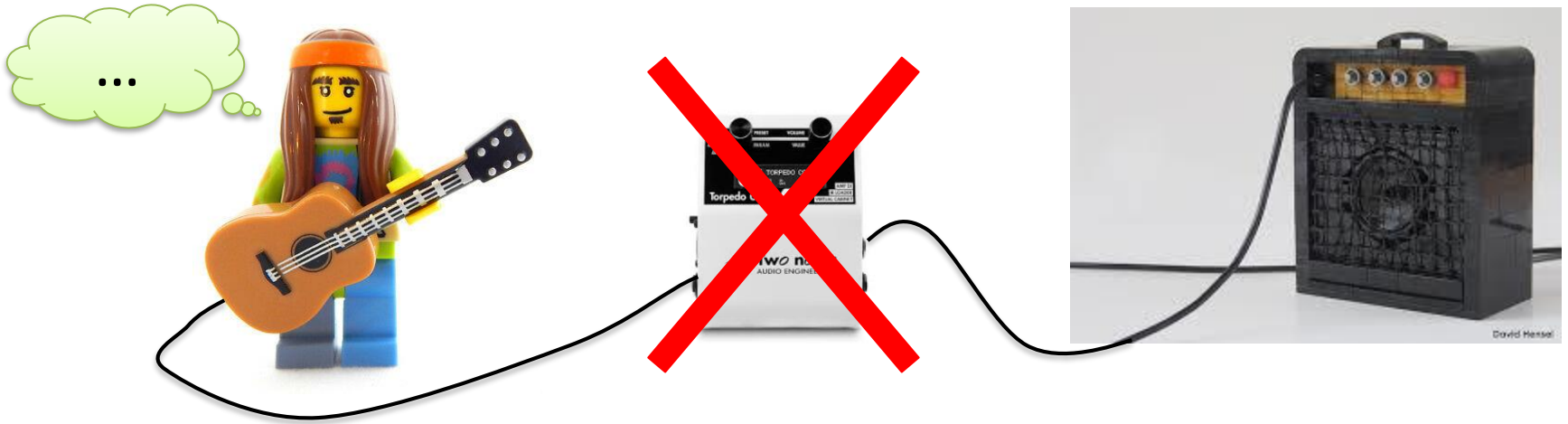
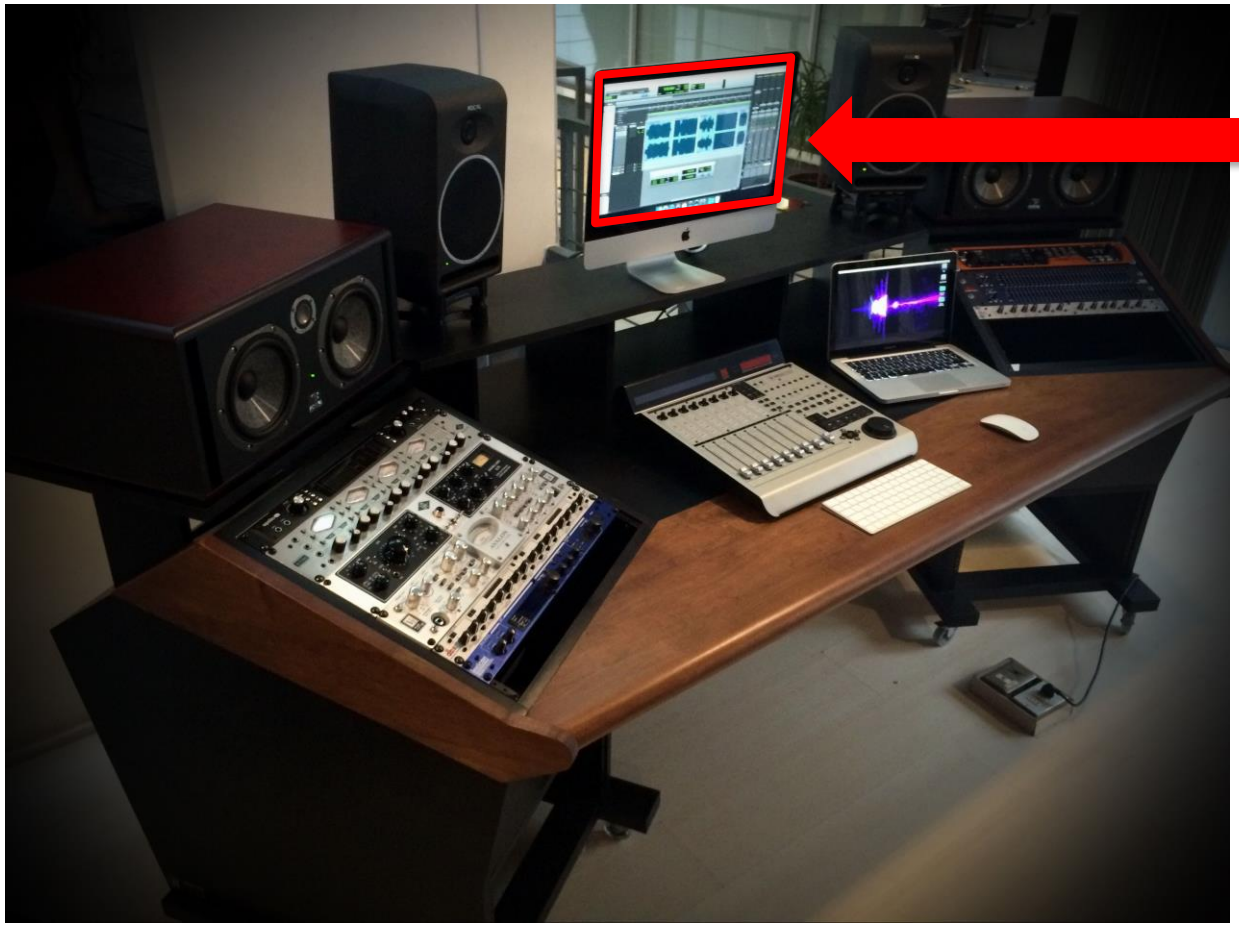
The following presentation is going to explain how to use your PC or MAC as the real time playback host for your IR, in case you don't own an IR loader pedal.



The basic idea is to use effects developed for digital audio recording software and your computer in place of that pedal.
Digital audio recording software is often referred to as a DAW, or digital audio workstation.



The DAW is the software
Used for audio recordings

The effects you can load into a DAW are usually referred to as "plug-ins".

VST/AU Plugins can be:

- Effects (like Reverb, Pitch shifter, Enhancers)
- Signal conditioning (EQ, compression)
- Virtual Instruments (Piano, Drums, Bass…)
- Virtual Amplifier (Tube amp modeling)
- Virtual Cabinet (ex: IR loader!!!)

In this tutorial a "plug-in host" will be used in place of a DAW to run and load your IR plug-in.

A plugin Host is like a virtual « pedalboard », on which you can put plugins as you would put pedals

Guitar signal incoming

Guitar signa outcoming

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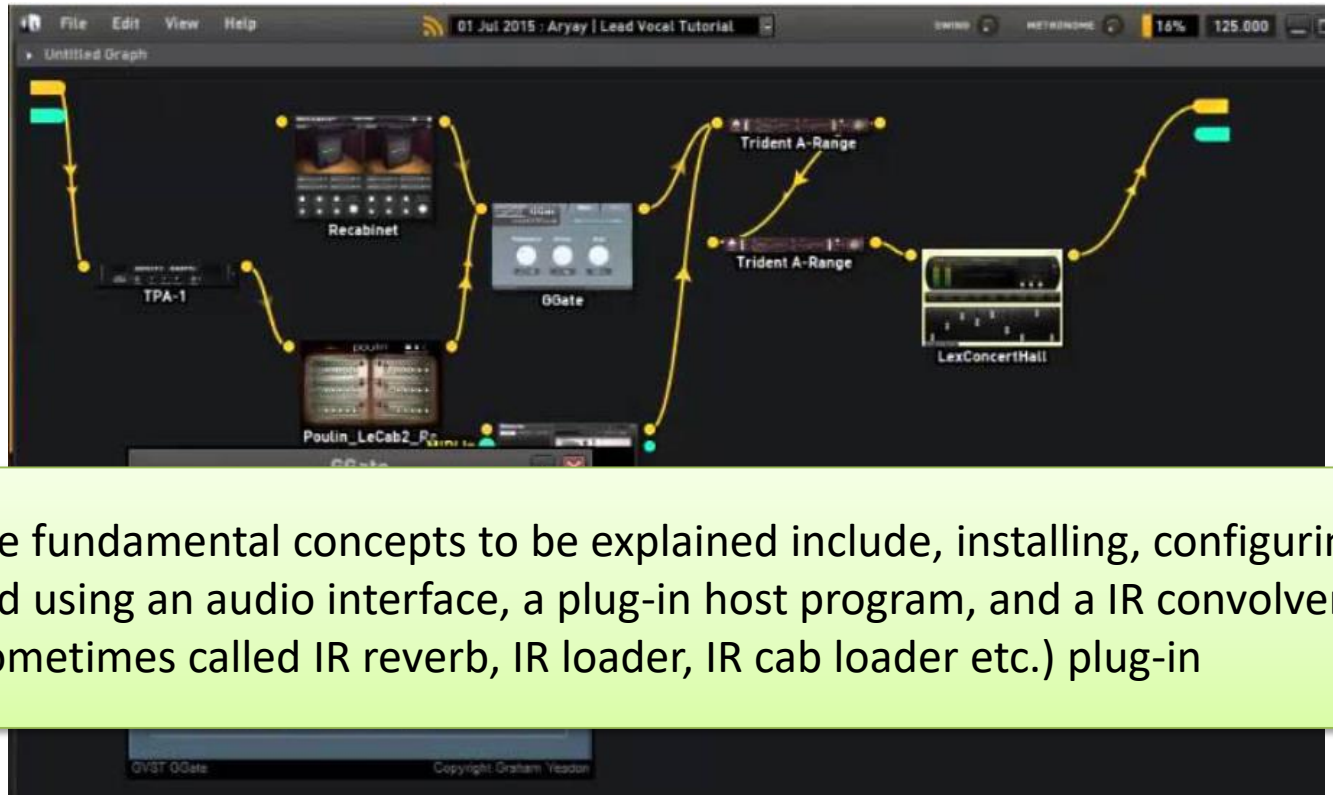
Guitar signal incoming

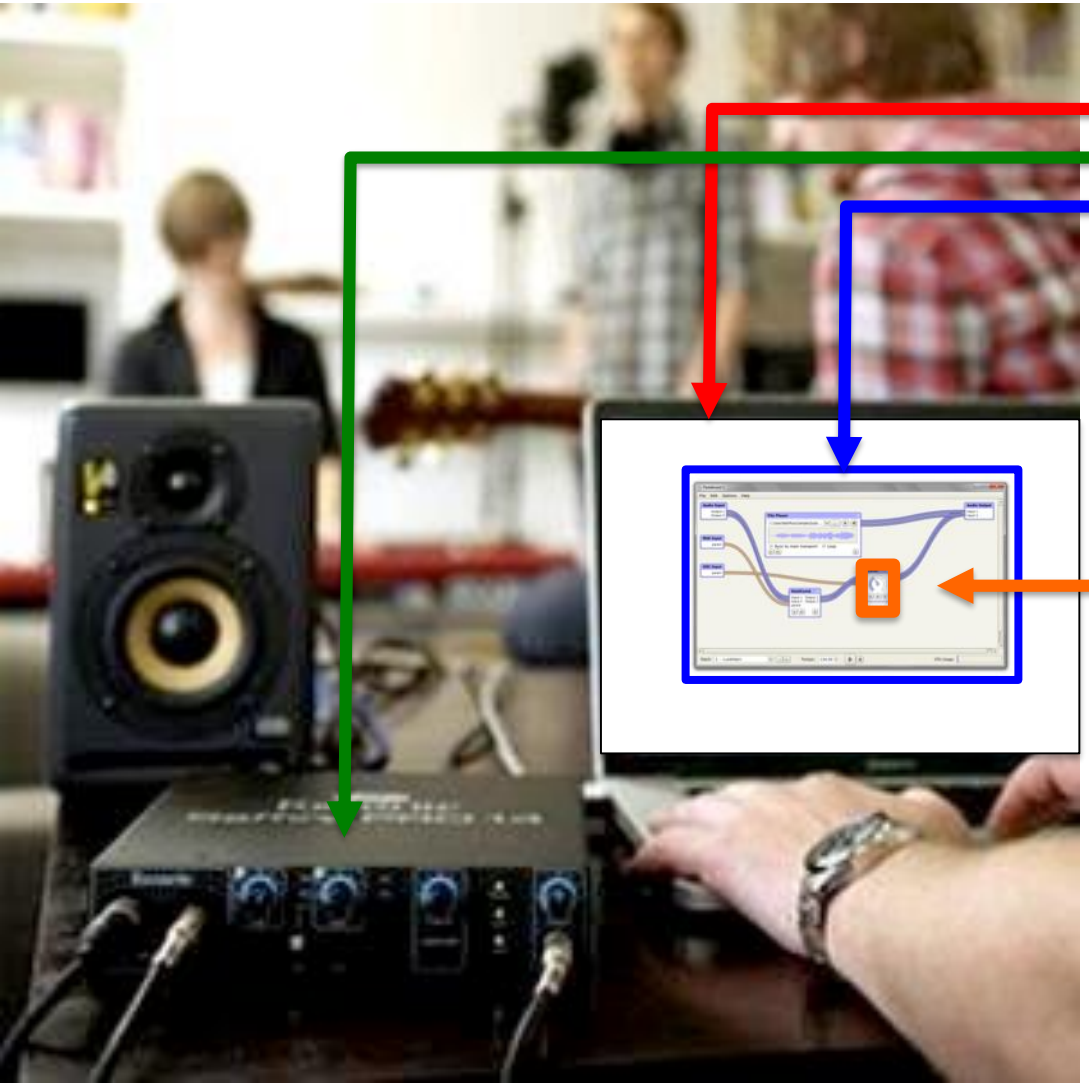


Guitar signa outcoming

The fundamental concepts to be explained include, installing, configuring and using an audio interface, a plug-in host program, and a IR convolver (sometimes called IR reverb, IR loader, IR cab loader etc.) plug-in

How to use your computer as a IR host?

If you don't have Apple Logic…



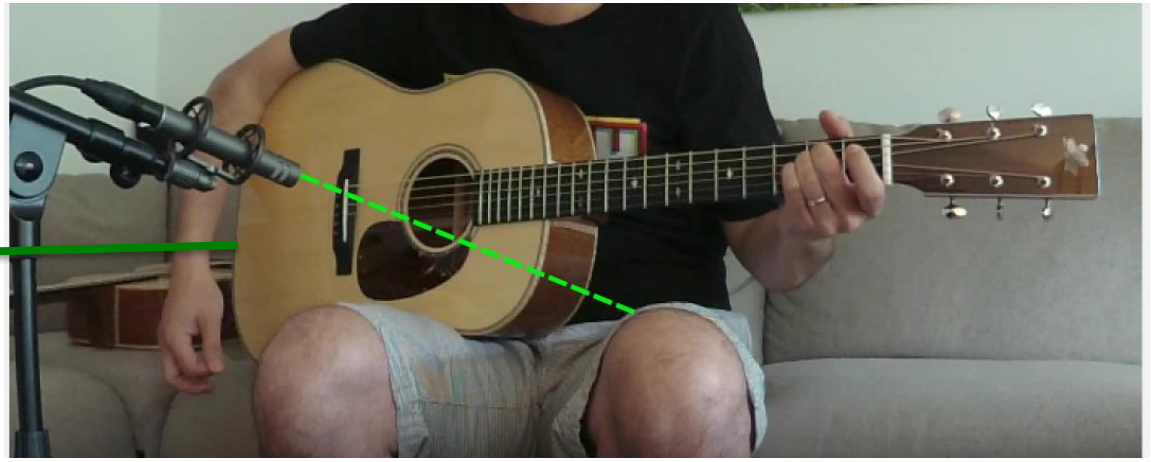
You need:

1) a computer (Mac/Win)
2) An audio interface
3) A VST/AU Plugin host
4) A IR VST/AU Plugin

NB: The plugin host can host multiple plugins (Overdrive, Eqs, Modulations, delay… and of course IR). It can be controlled by midi.

EXAMPLE of a guy using plugins LIVE:
https://www.youtube.com/watch?v=ejcNwZ4fdjw

STEP 1: Get ready!
Plug the guitar as shown.
Raise the gain. It should go orange when strum hard



K&K

GREEN is GOOD

Direct Monitor should be turned full clockwise to « Playback » [or OFF on the focusrite 2i2]

Must be in INST position

STEP 2: AER use

STEP 2(b):Headphones use

You need:
1) a computer (Mac/Win)

WARNING

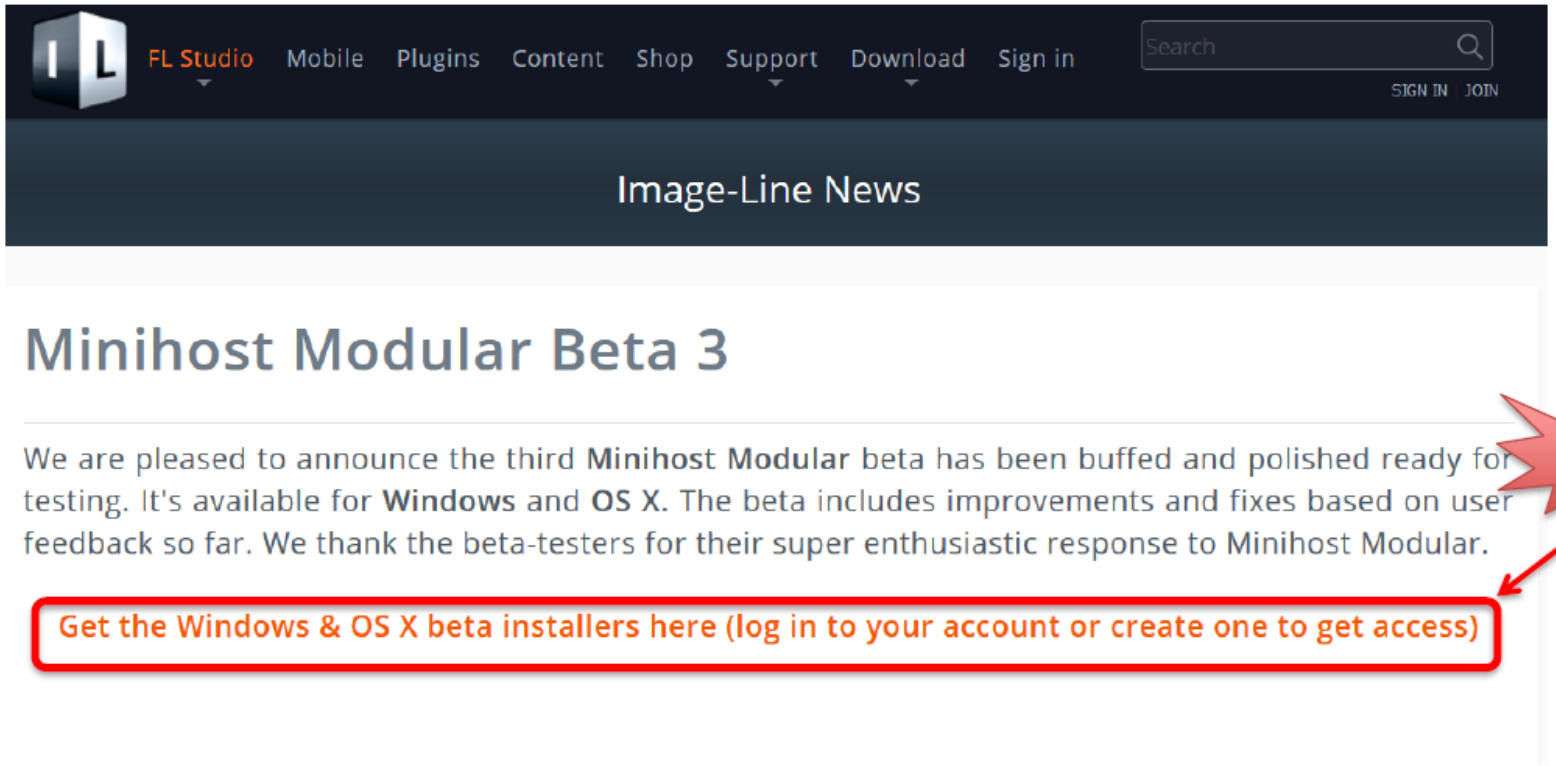
When installing the software: <u>set all gains & Volume to ZERO</u>!!

SEE THE END OF THE DOCUMENT FOR MORE INFORMATION!

How to use your IR with a computer
A) INSTALL a PLUGIN HOST

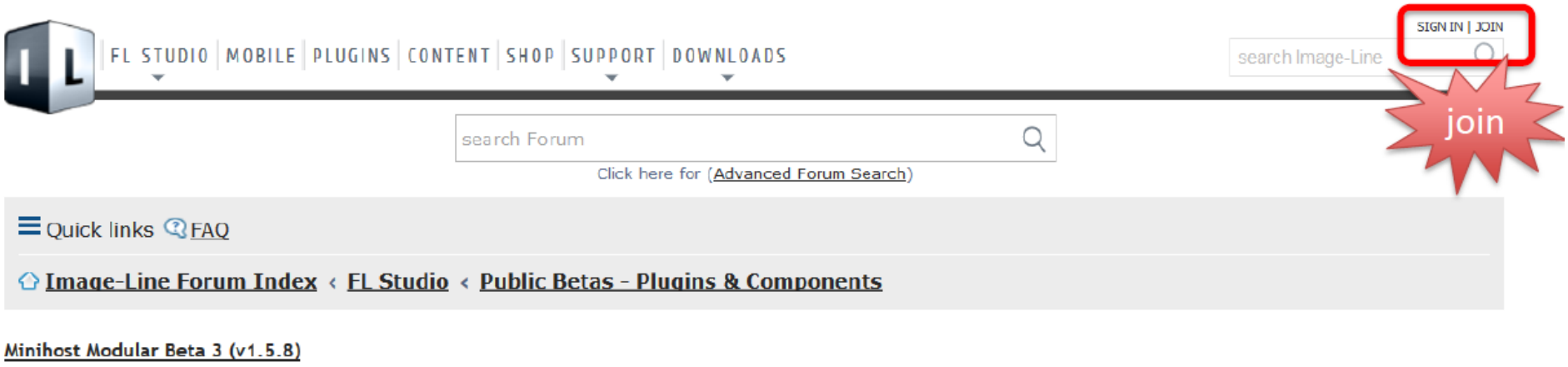
Apple OSX

Go to this website and download a plugin host
https://www.image-line.com/documents/news.php?tag=minihost+modular



B) INSTALL a IR PLUGIN

Create an account [join]



B) INSTALL a IR PLUGIN

Come back to the previous page, now the zip files name are in blue: ready to download.

Scott
Site Admin

Thu Mar 06, 2014 9:50 pm

45 x

Minihost Modular Beta 3 (v1.5.8)

This is the **beta** for **Minihost Modular** 32 and 64 Bit for **Windows** and **OS X**. The installer includes the 32 and 64 Bit VST/AU plugins and 32/64 Bit Standalone versions.

Get the WINDOWS installer here
minihost_1.5.8.zip
(34.68 MiB) Downloaded 37270 times

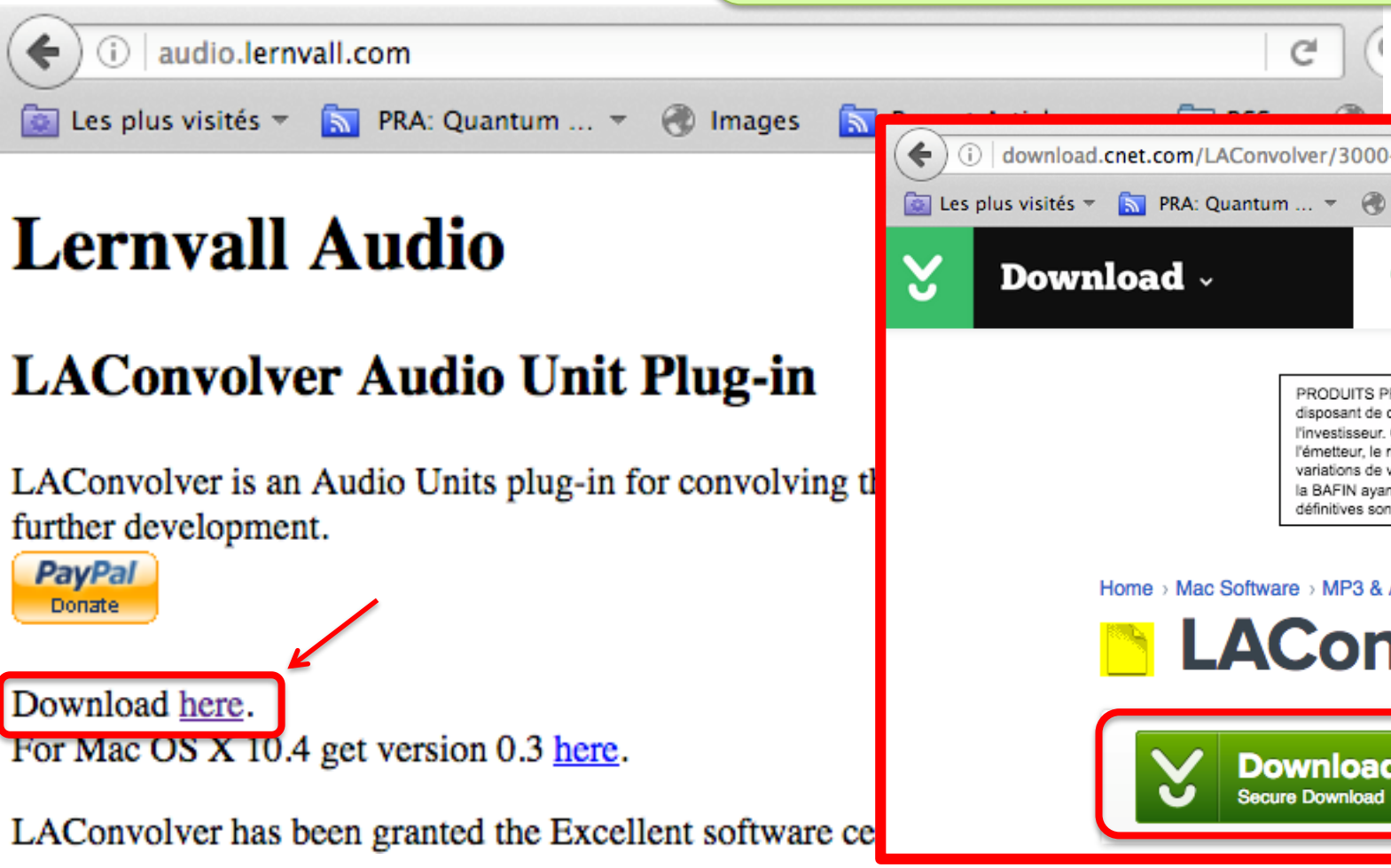
Get the OS X installer here
minihost_1.5.7.dmg
(48.81 MiB) Downloaded 14225 times

To open in 32 Bit mode: From the App Launcher use ctrl+left click then 'Get info' and set to 'Open in 32 bit mode'.

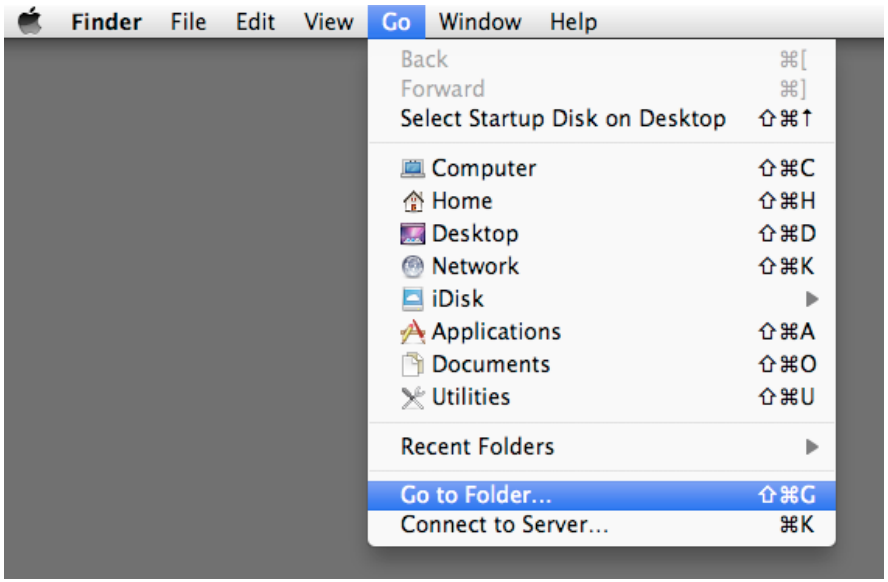
Last updated 24-April-2014

Then Go to this website and download IR host
http://audio.lernvall.com/

If you are freaking out downloading from the net: just tell me & I will send you the softwares via Google Drive



1) to install the IR plugin, click on the finder:

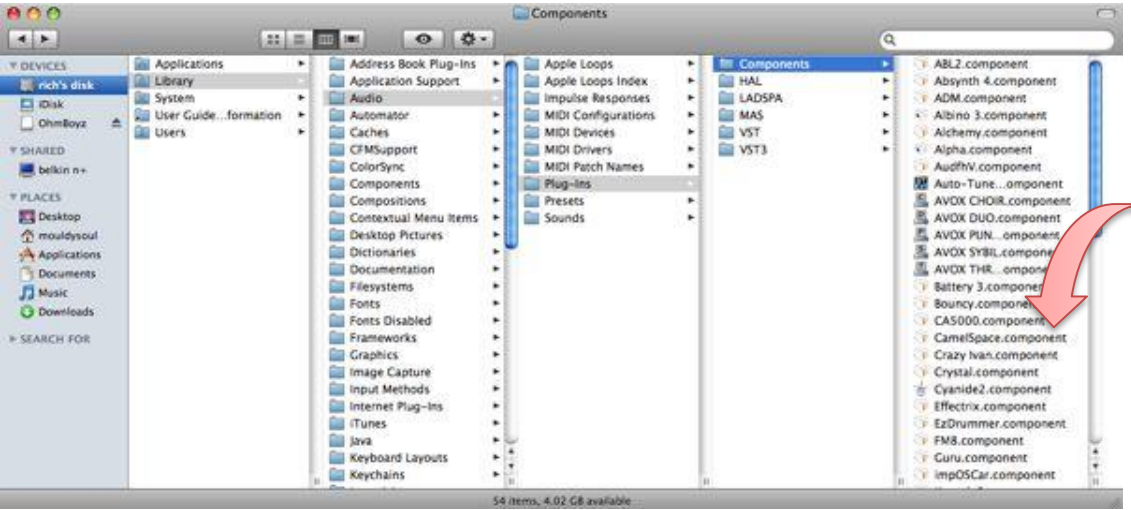


2) Click on go > Go to folder…

/Library/Audio/Plug-Ins/Components

3) Copy and paste the *LAConvolver.component* file there

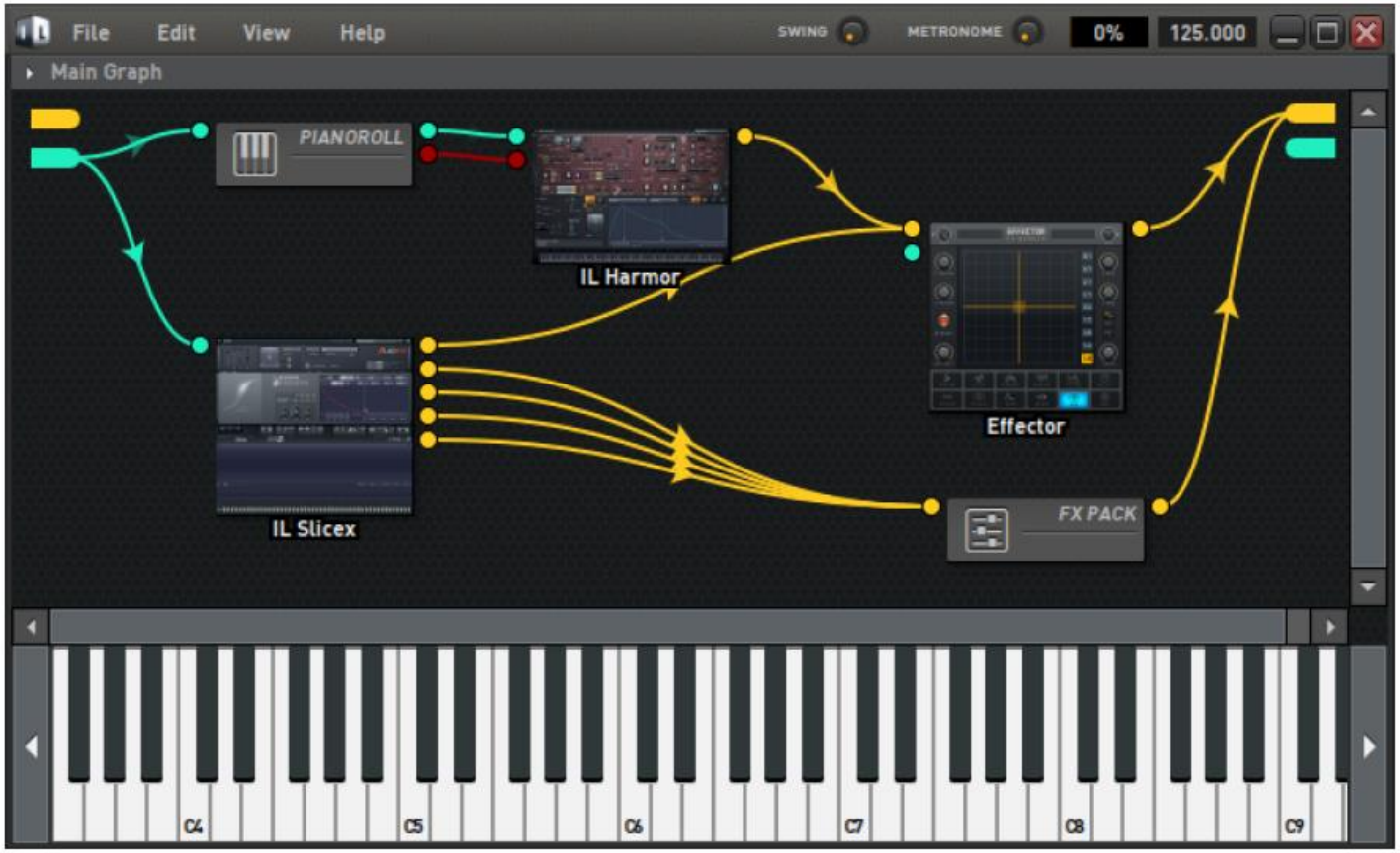
4) You may have to type your code



LAConvolver.component

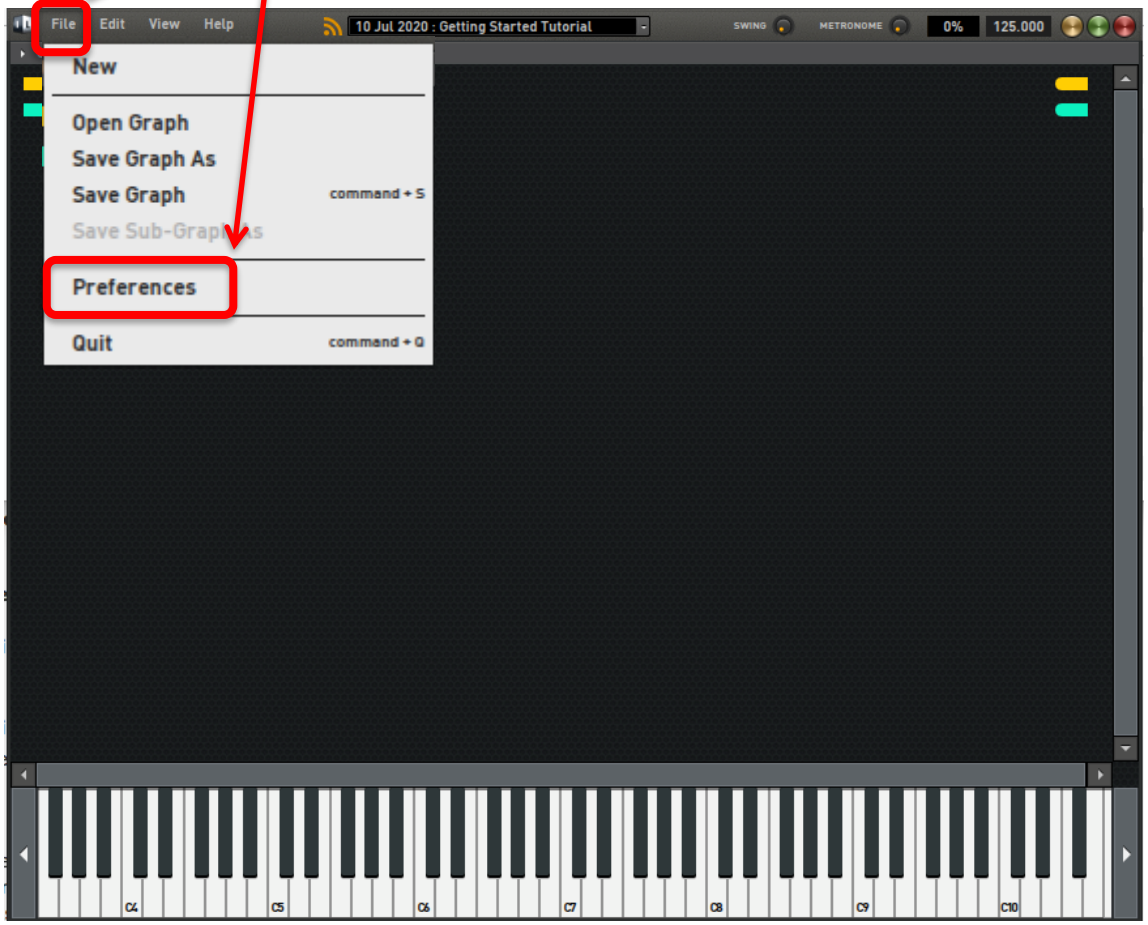
Once downloaded: install

Launch it



C) LAUNCH IL minihost in your Applications

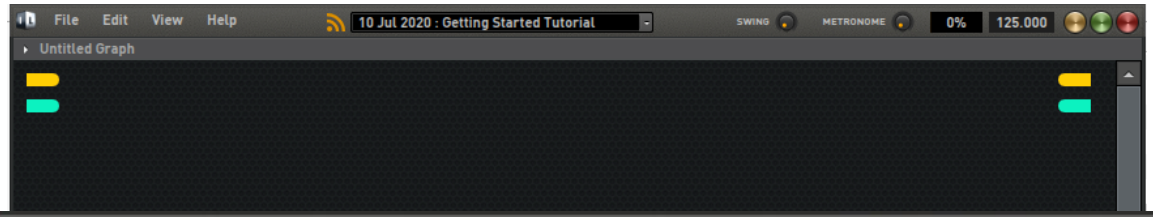
1) In order to set the audio interface to Scarlett 2i4,



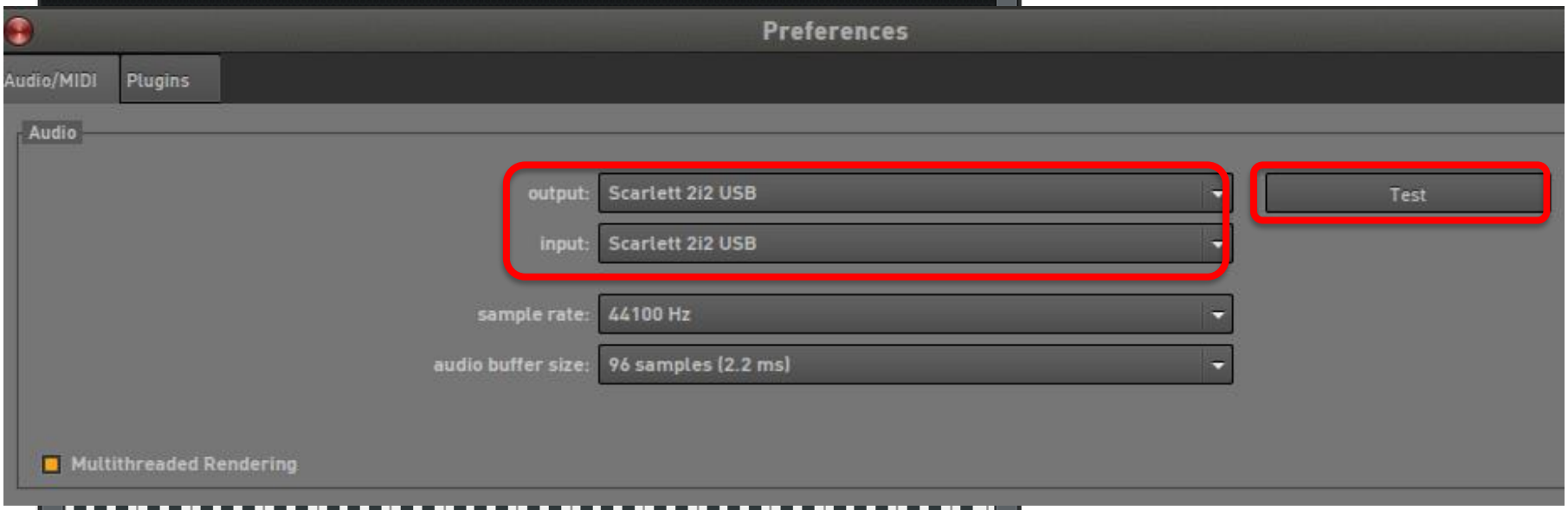
Clic: File > Preferences

C) LAUNCH IL minihost in your Applications

1) Set the audio interface to Scarlett 2i4

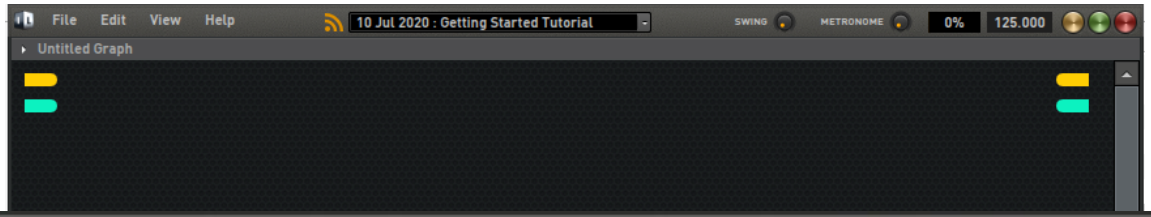


2) Test (be careful, loud bip!!!)

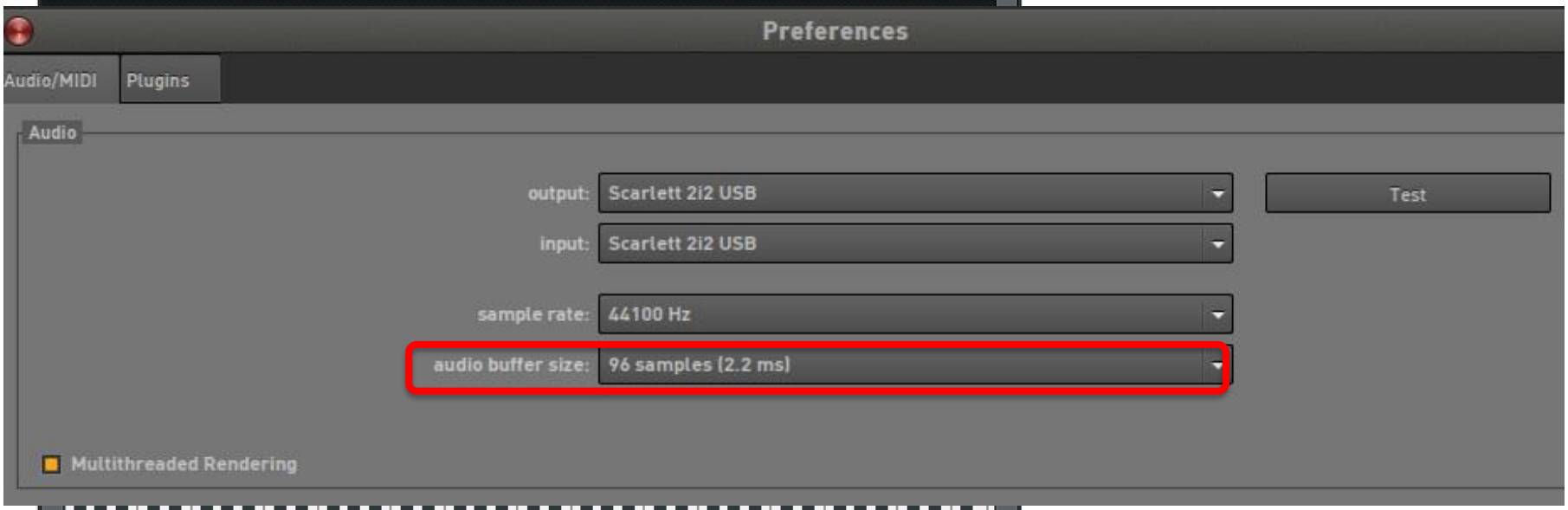


C) LAUNCH IL minihost in your Applications

3) Reduce the audio buffer size to around 2.2ms

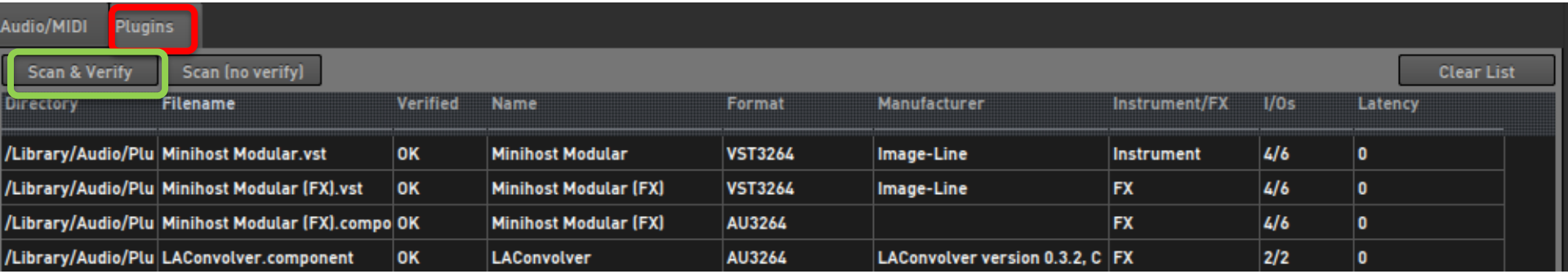


4) If you get « glitches » inscrease this value (and latency)



D) Scan for installed plugins

1) Clic « Plugins »

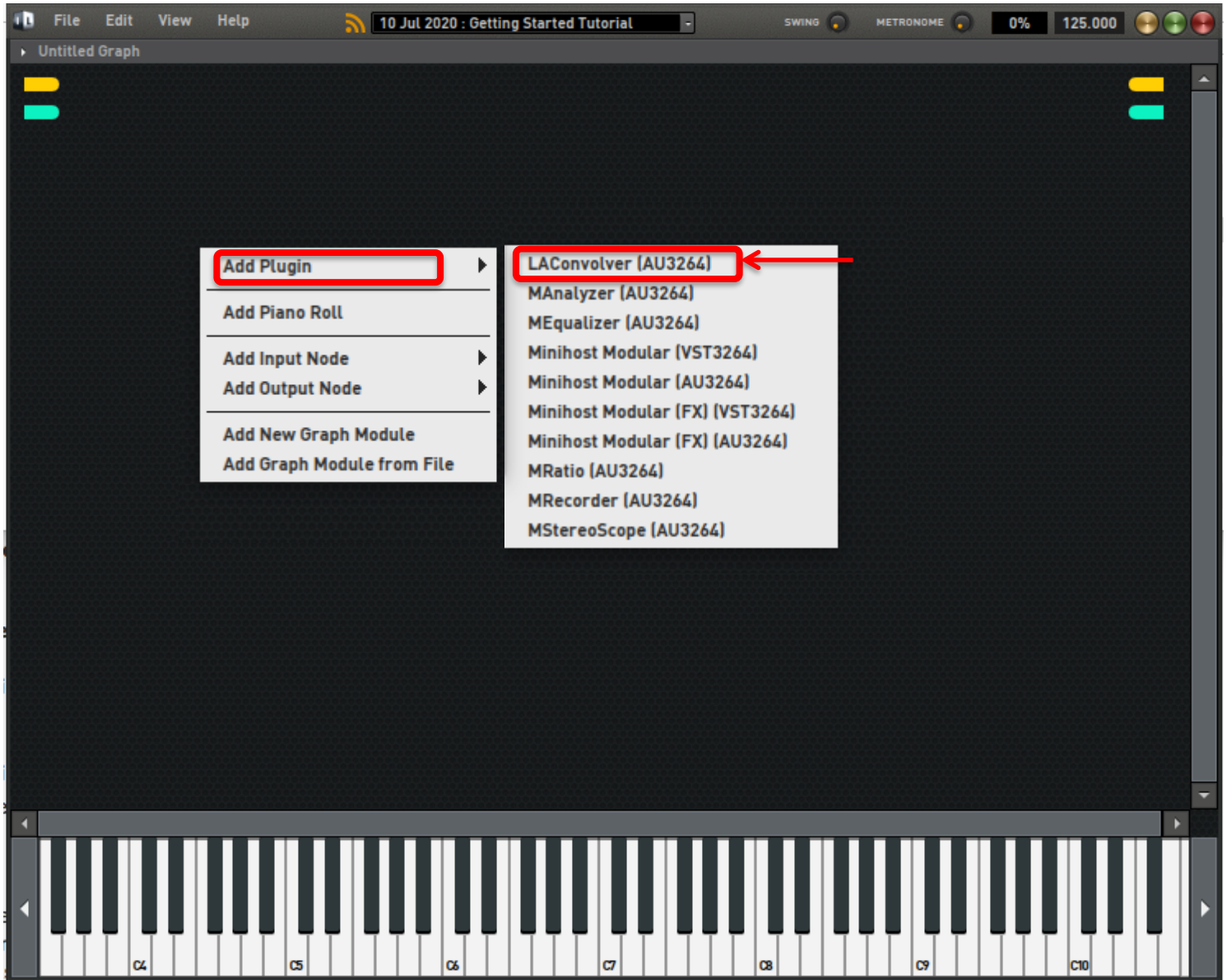


2) Clic « Scan & Verify », see LA convolver appear

E) Setup your pedalboard

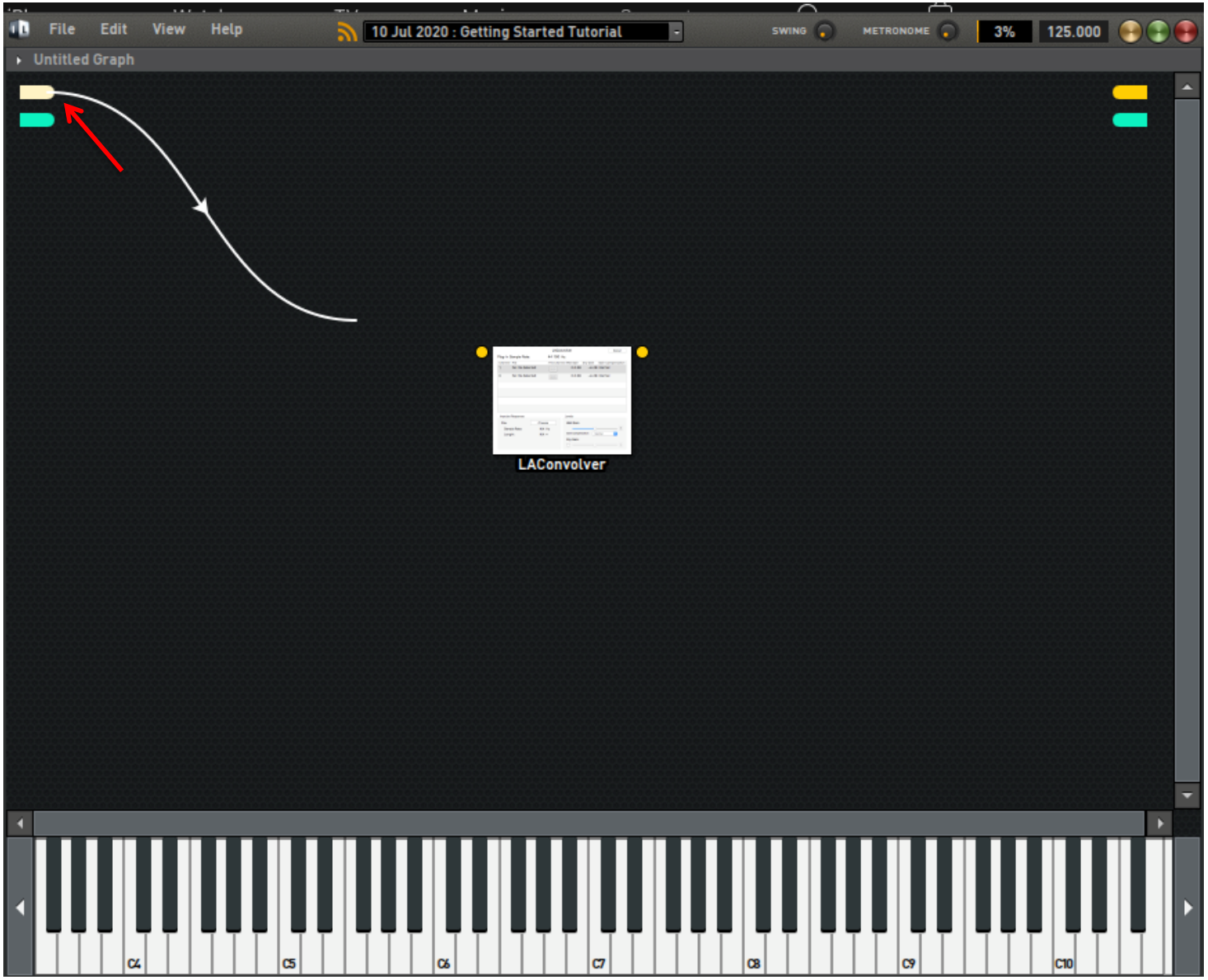
E) Setup your pedalboard

2) Choose LAConvolver (MAC)
or NadIR Convolver (MAC/WIN)

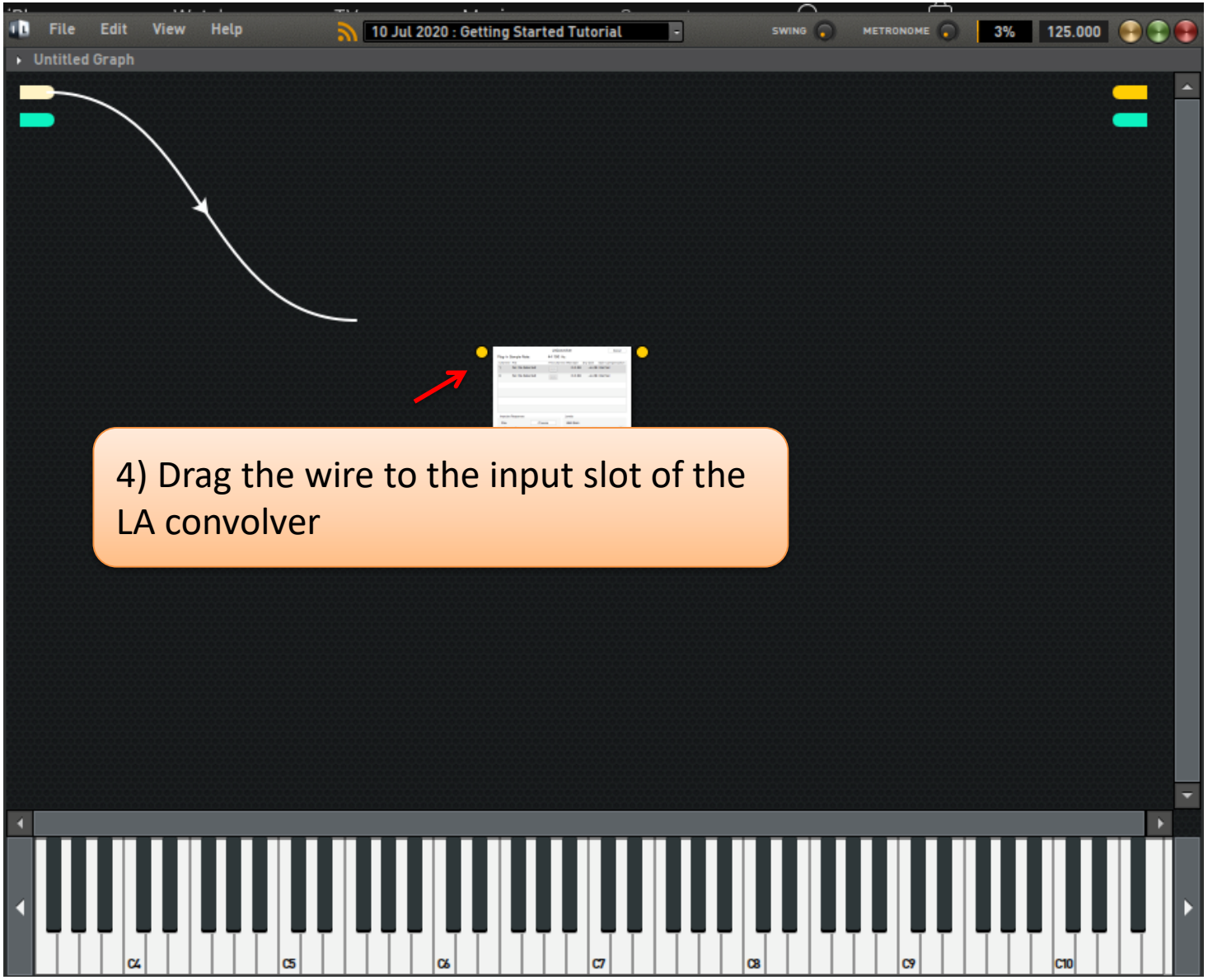


E) Setup your pedalboard

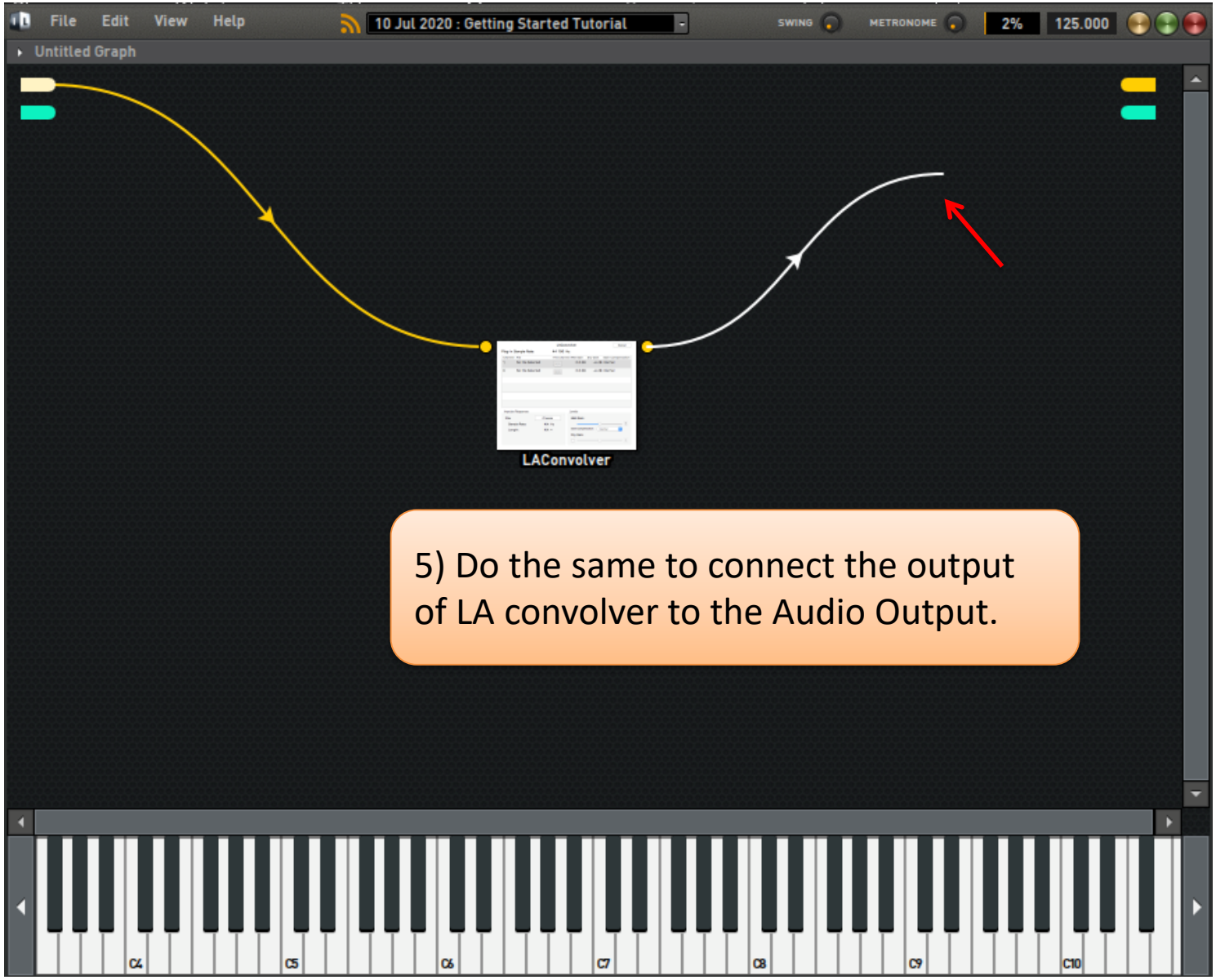
3) Click, hold and Drag from this little slot to draw a wire.



E) Setup your pedalboard



E) Setup your pedalboard



F) Setup your IR host

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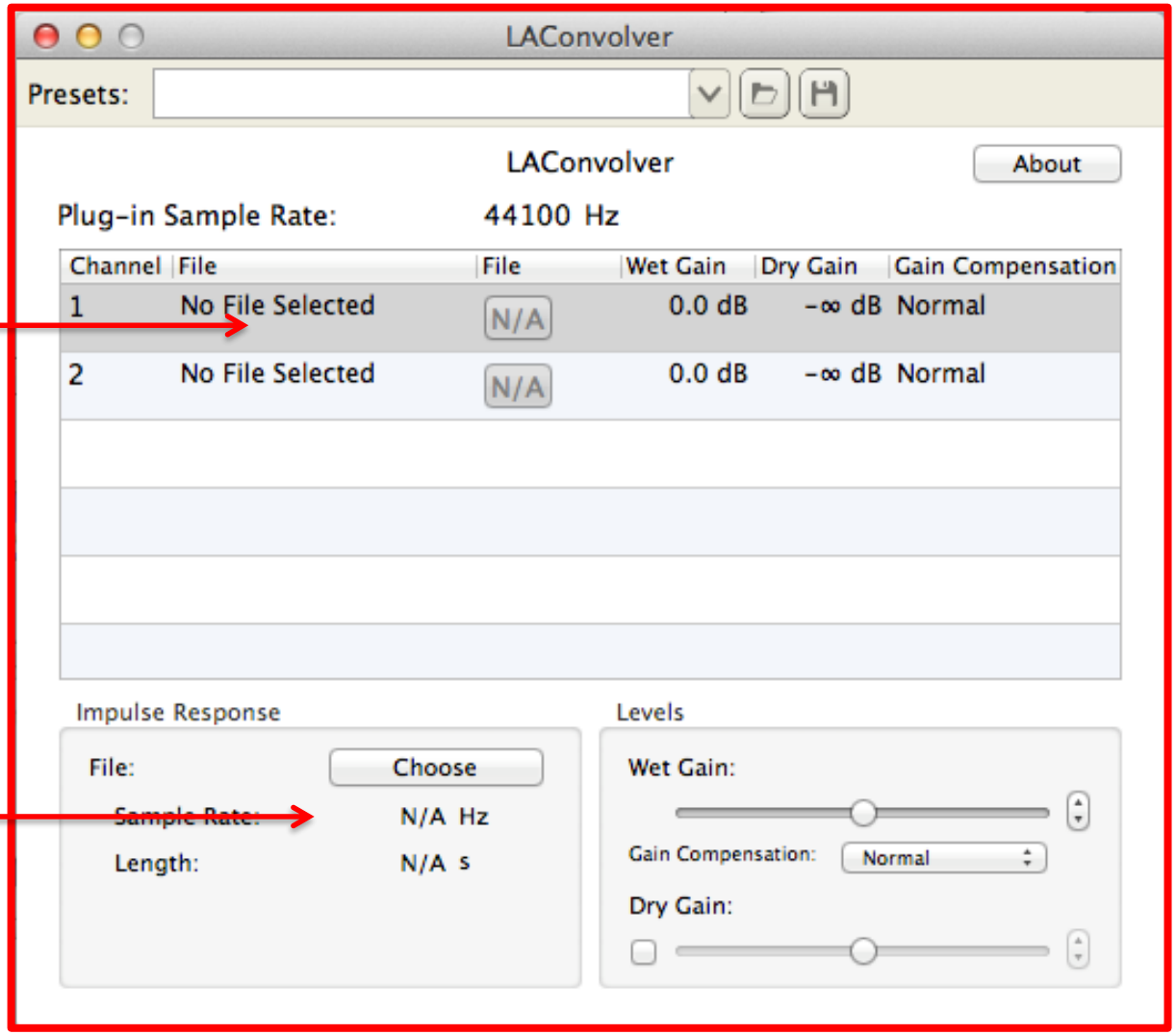
2) Clic on channel 1

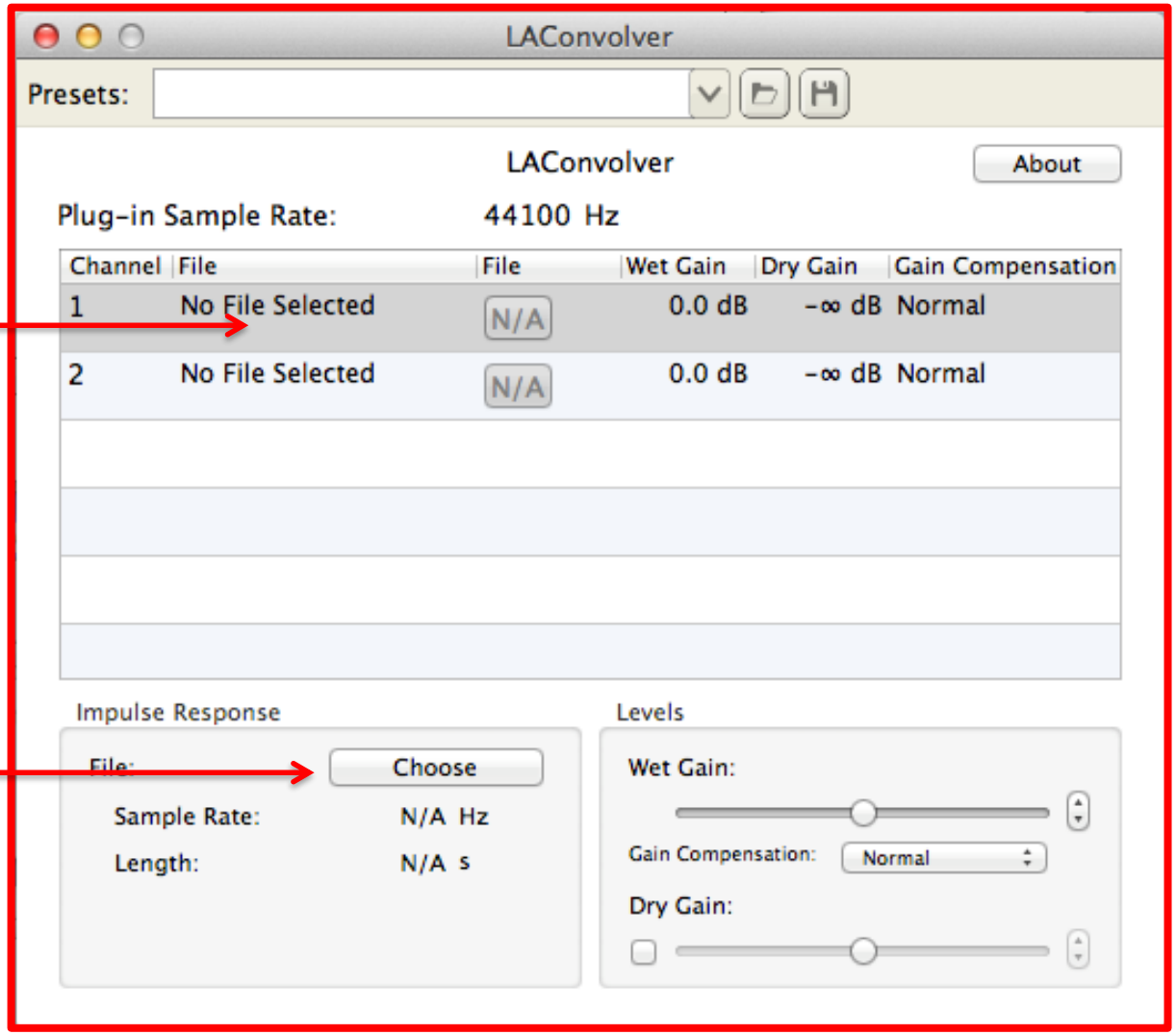
3) Clic on « Choose »



F) Setup your IR host

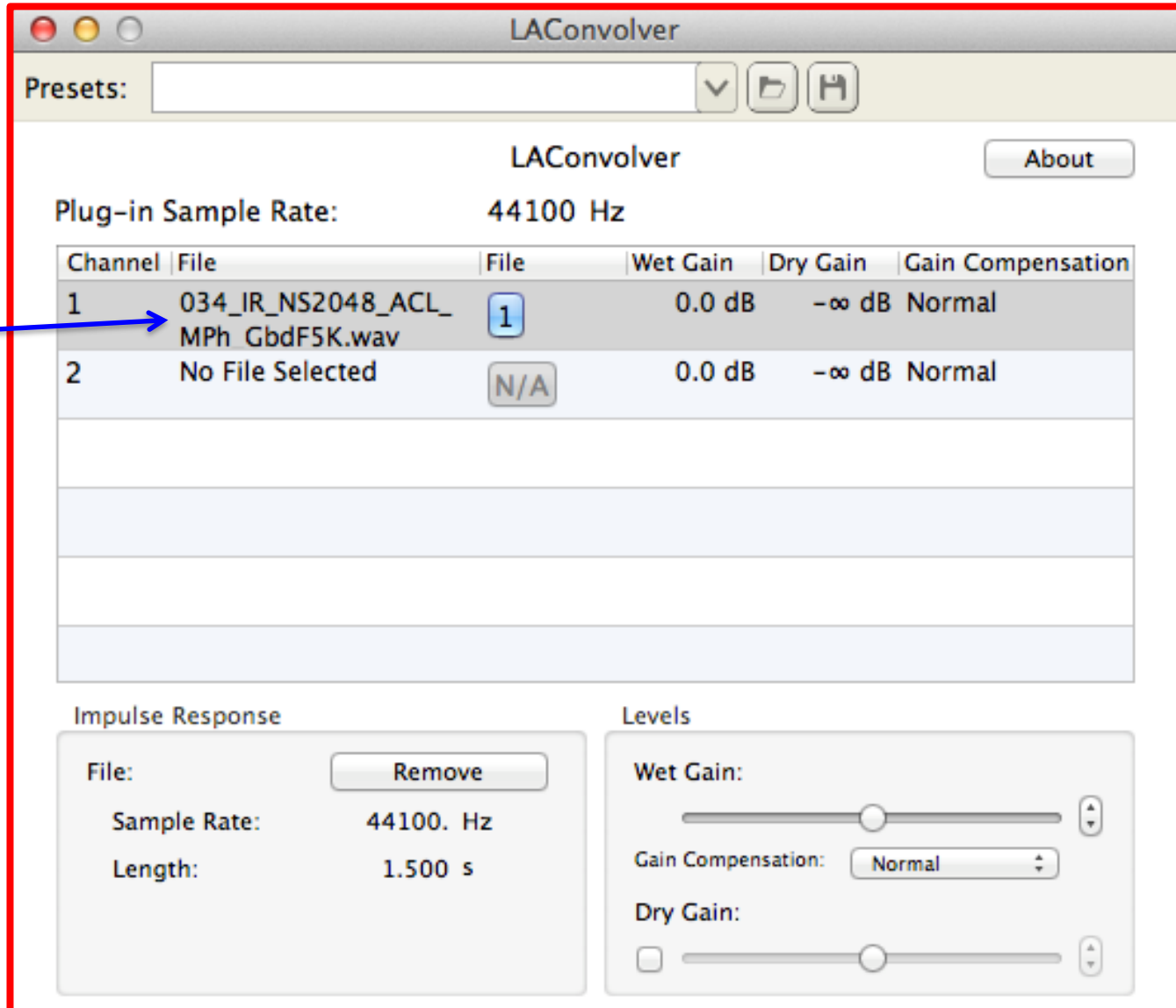
2) Clic on channel 1

3) Clic on « Choose » And choose your « IR file »

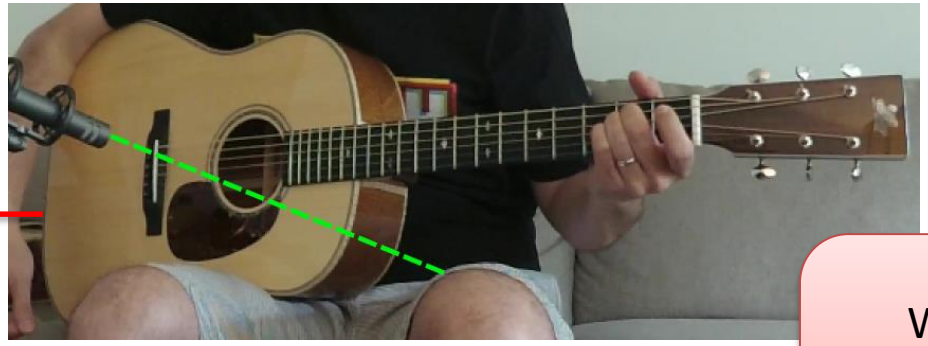


F) Setup your IR host

My IR file is loaded!



WARNING: Gain/Volume- You don't want to kill your ears!!



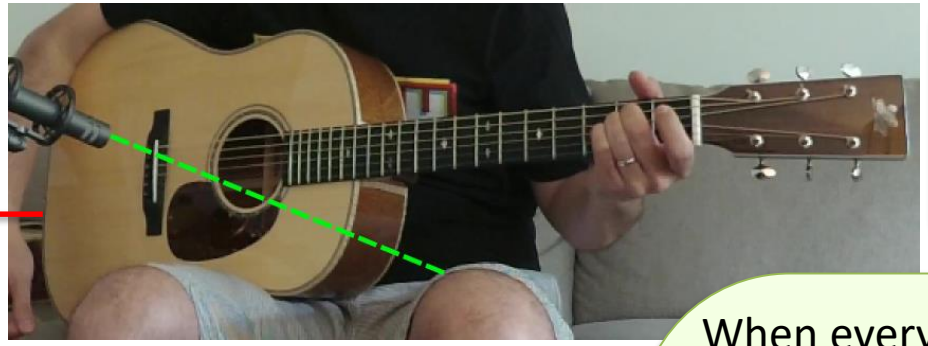
When installing the software: set all gains & Volume to ZERO!!

When everything is OK computer wise.

1) Raise your gain so it is green when playing

2) Raise your Headphone volume

WARNING: Gain/Volume- You don't want to a HUGE Howling Feedback!!



When installing the software: set all gains & Volume to ZERO!!

When everything is OK computer wise.

1) Raise your focusrite gain so it is green when playing

2) Raise the focusrite Monitor volume to a « conservative » position. The focusrite output is hotter than a guitar.

3) AER: Set the button to LINE (red arrow). Raise the gain to a « conservative position » 9 o clock.

4) Raise your AER Master volume carefully