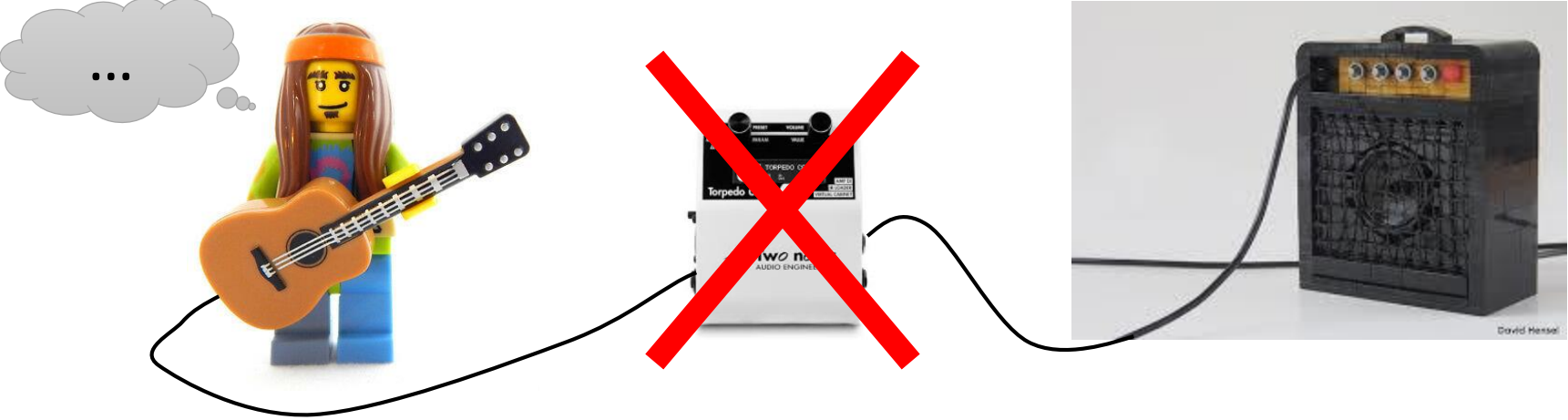
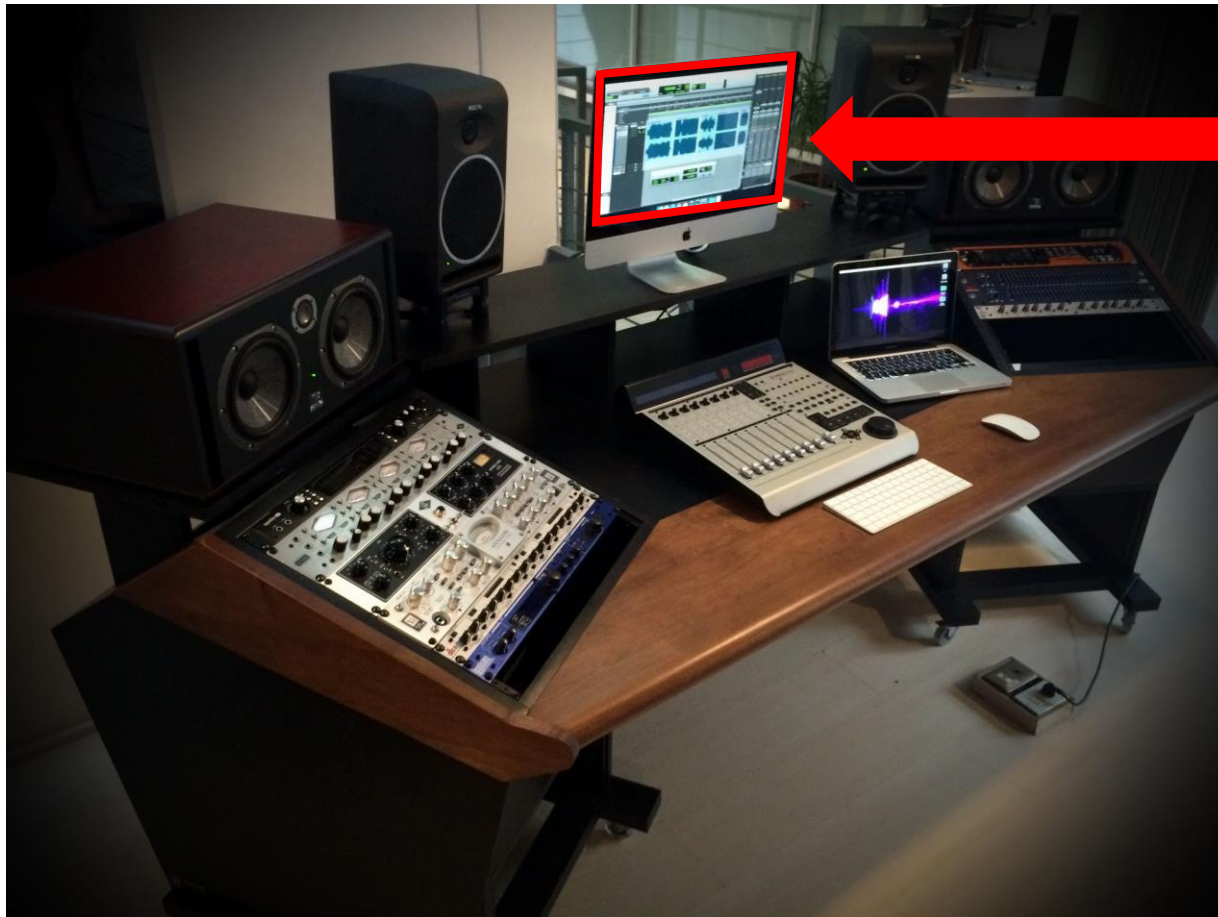


The following presentation is going to explain how to use your PC or MAC as the real time playback host for your IR, in case you don't own an IR loader pedal.



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 signal  
outcoming

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

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Guitar signal  
incoming



Guitar signal  
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

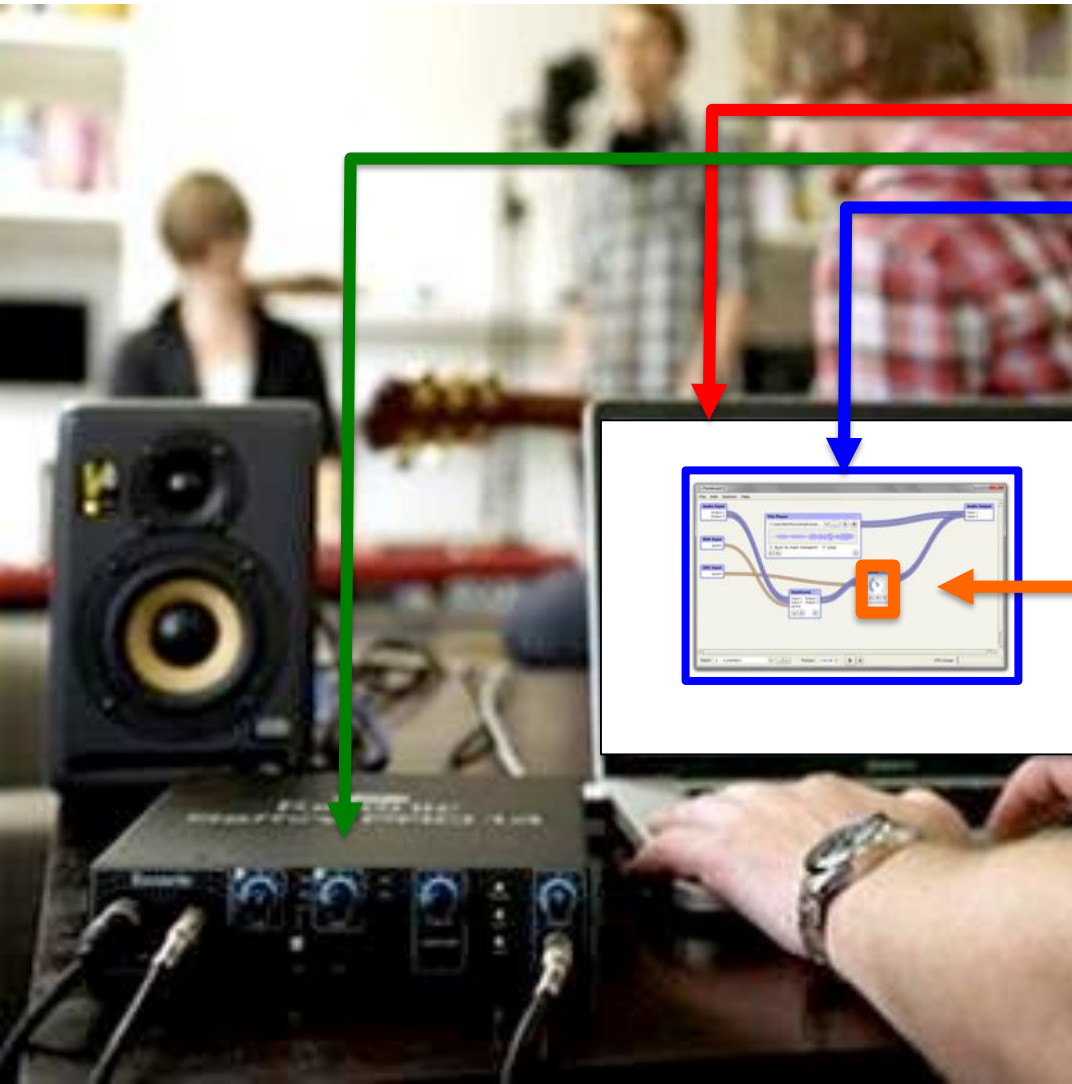


# How to use your computer as a IR host?

*If you don't have Apple Logic...*

You need:

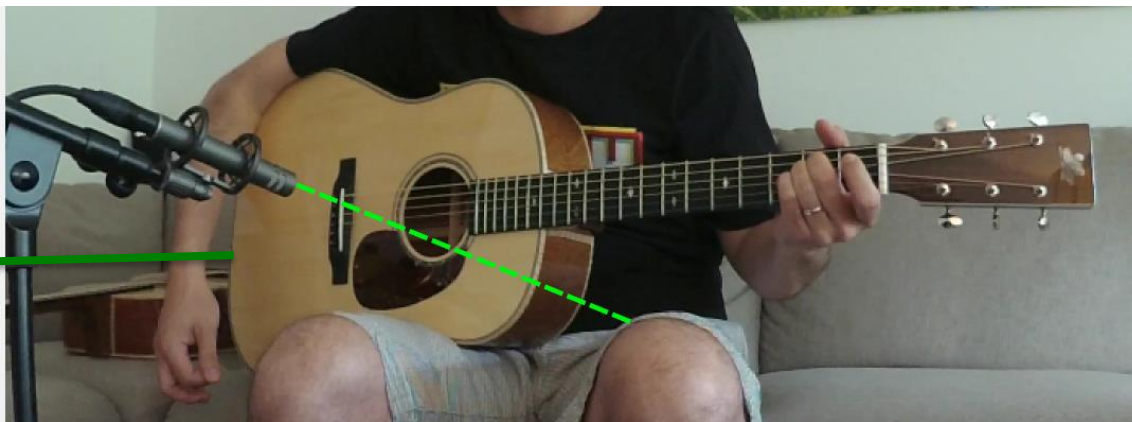
- 1) a computer (Mac/Win)
- 2) An audio interface
- 3) A VST/AU Plugin host
- 4) A IR VST/AU Plugin



*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



# How to use your computer as a IR host?

*If you don't have Apple Logic...*

You need:

- 1) a computer (Mac/Win)

## WARNING

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

SEE THE END OF THE DOCUMENT FOR MORE INFORMATION!



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

Go to this website and download a plugin host

<https://www.image-line.com/documents/news.php?tag=minihost+modular>



## Minihost Modular Beta 3

We are pleased to announce the third **Minihost Modular** beta has been buffed and polished ready for testing. It's available for **Windows** and **OS X**. The beta includes improvements and fixes based on user feedback so far. We thank the beta-testers for their super enthusiastic response to Minihost Modular.

[Get the Windows & OS X beta installers here \(log in to your account or create one to get access\)](#)

A red starburst graphic containing the word 'click' in white, with a red arrow pointing from the starburst to the link in the text block above.

Windows PC

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

Create an account [join]



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Quick links [FAQ](#)

[Image-Line Forum Index](#) < [FL Studio](#) < [Public Betas - Plugins & Components](#)

[Minihost Modular Beta 3 \(v1.5.8\)](#)



## B) INSTALL a IR PLUGIN

Come back to the previous page, now the zip files name are in [blue](#): ready to download.

### 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 Standalone versions.

**Get the WINDOWS installer here**

[minihost\\_1.5.8.zip](#)

(34.68 MiB) Downloaded 33862 times

**Get the OS X installer here**

[minihost\\_1.5.7.dmg](#)

(48.81 MiB) Downloaded 13833 times

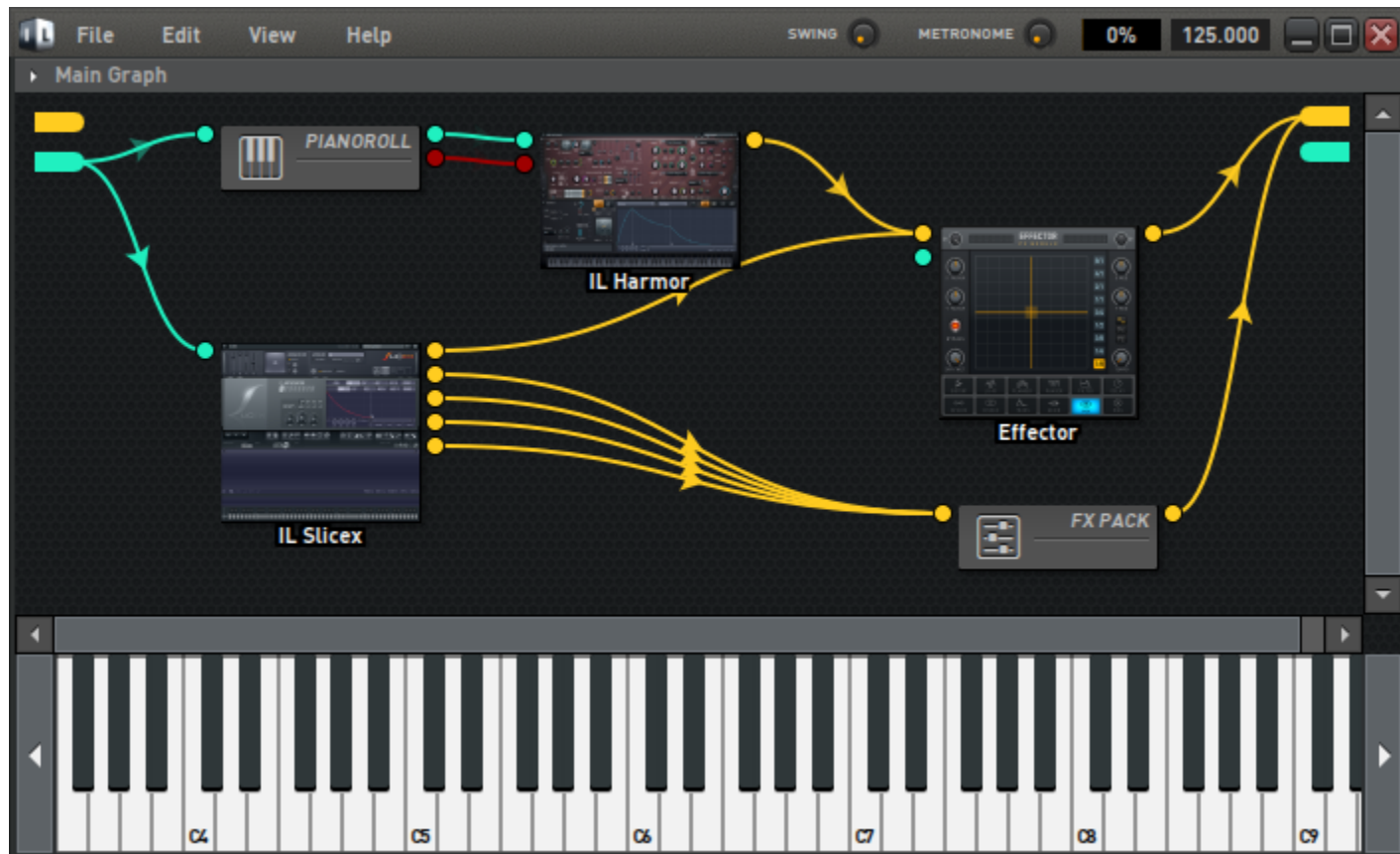
To open in 32 Bit mode: From the App Launcher use ctrl+left click then 'Get info' and set to 'Open

**Last updated 24-April-2014**

**Minihost Modular** is a modular environment for hosting/interconnecting VST/AU plugins based on this purpose. As a standalone, Minihost Modular can be used as an advanced VST/AU host with me

Once downloaded: install

Launch it



## B) INSTALL a IR PLUGIN (MS WINDOWS VER)

For **Windows** you can download this IR host  
<https://www.kvraudio.com/product/nadir-by-ignite-amps>

### NadIR by Ignite Amps ★

Details

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Videos

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Forum

0

This one sounds a bit warmer than the real pedal

**NadIR by Ignite Amps** is a Virtual Effect Audio Plugin. It functions as a VST Plugin, an Audio Units Plugin, a VST 3 Plugin and an AAX Plugin.



Product	NadIR		
Developer	Ignite Amps		
Price (MSRP)	Free		
Type / Tags	Convolver Cabinet Impulse Response Cabinet		
Plug-in, App & Soundware Format(s)			
Effect(s)	   		
Operating System Availability			
Operating System	Latest Version	Download	Released
	2.0.1		

**NadIR** is a zero latency, dual Impulse Response (IR) convolver, designed to be used as a cabinet simulator for guitar and bass (pre)amplifiers (VST/AU or even hardware).

## B) INSTALL a IR PLUGIN (MS WINDOWS VER)

### NAD IR IMPULSE RESPONSE LOADER

The NadIR dual Impulse Response (IR) convolver, designed to be used as a cabinet simulator for guitar and bass (pre)amplifiers (VST/AU or even hardware), with ZERO latency. Providing advanced built-in filters and delay controls to let user's shape their tone with ease.



## DOWNLOADS

Click the button below to view the Emissary 2.0 and NAD IR User Manuals.

[DOWNLOAD USER MANUALS](#)

[BUY NOW - \\$0.00](#)

- 1) Go at the bottom of the page and click: fill the form
- 2) Check your emails, click the link,
- 3) download and install



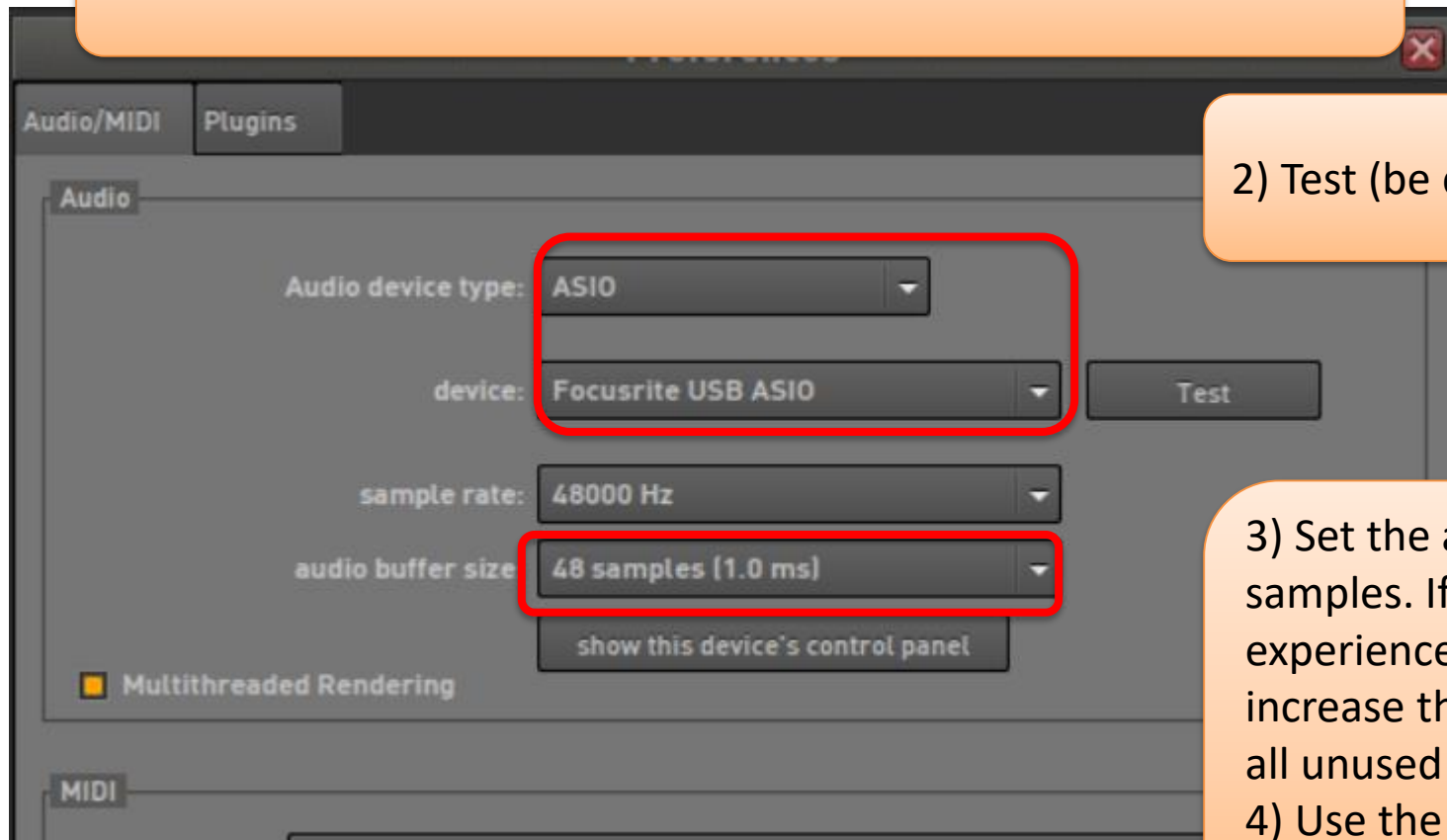
C) LAUNCH IL MiniHost

1) Then click File > Preferences



## C) LAUNCH IL MiniHost

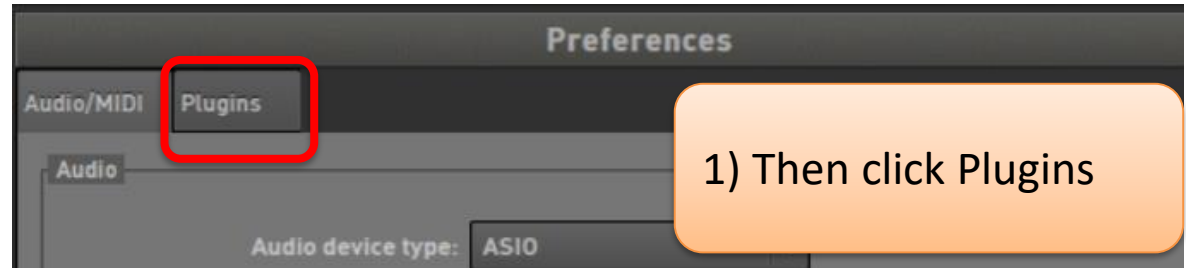
1) Set the audio interface [Here Focusrite USB ASIO]



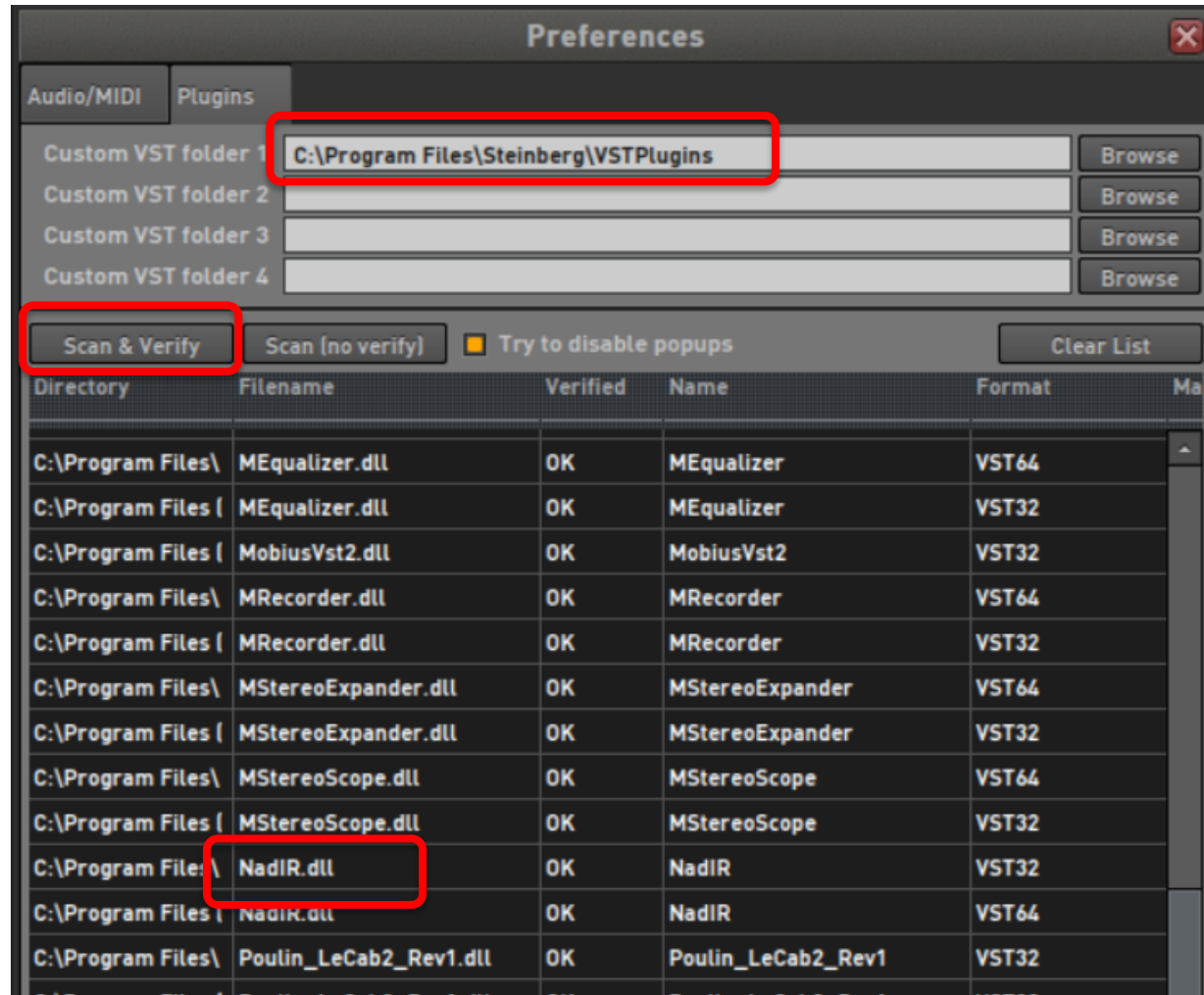
2) Test (be careful, loud bip!!!)

3) Set the audio buffer to 48 samples. If you later experience sound drop outs, increase this value and close all unused applications  
4) Use the sample rate as your IR file

D) Scan for installed plugins



2) Add the directory where Nad IR is installed



3) Scan & verify

4) NadIR should appear

5) Close the « Preferences » window

Directory	Filename	Verified	Name	Format	Ma
C:\Program Files\	MEqualizer.dll	OK	MEqualizer	VST64	
C:\Program Files\	MEqualizer.dll	OK	MEqualizer	VST32	
C:\Program Files\	MobiusVst2.dll	OK	MobiusVst2	VST32	
C:\Program Files\	MRecorder.dll	OK	MRecorder	VST64	
C:\Program Files\	MRecorder.dll	OK	MRecorder	VST32	
C:\Program Files\	MStereoExpander.dll	OK	MStereoExpander	VST64	
C:\Program Files\	MStereoExpander.dll	OK	MStereoExpander	VST32	
C:\Program Files\	MStereoScope.dll	OK	MStereoScope	VST64	
C:\Program Files\	MStereoScope.dll	OK	MStereoScope	VST32	
C:\Program Files\	NadIR.dll	OK	NadIR	VST32	
C:\Program Files\	NadIR.dll	OK	NadIR	VST64	
C:\Program Files\	Poulin_LeCab2_Rev1.dll	OK	Poulin_LeCab2_Rev1	VST32	

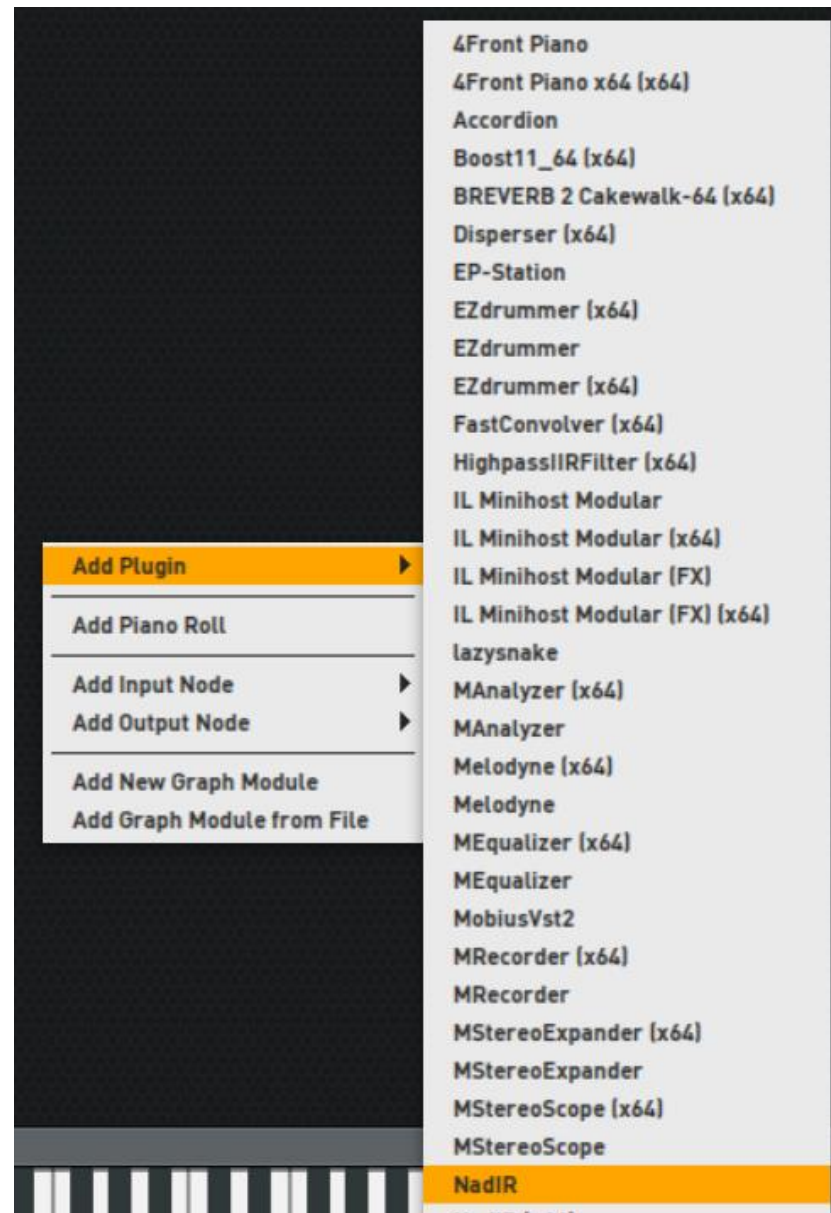
## E) Setup your « pedalboard »



1) Right click on the background

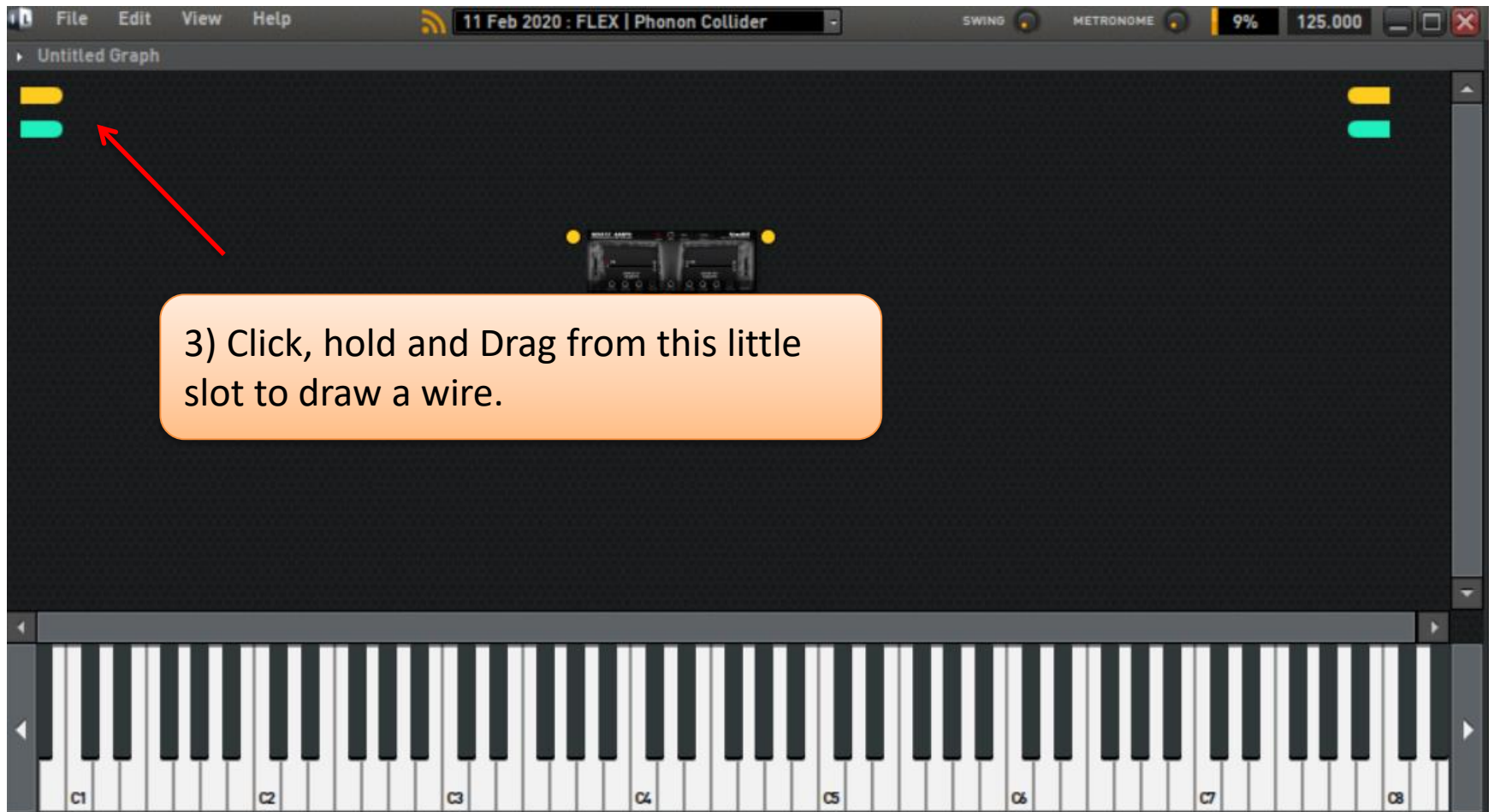
2) Choose NadIR plugin.

*NB: If you launched IL Minihost 64bits, choose NadIR 64 bits*

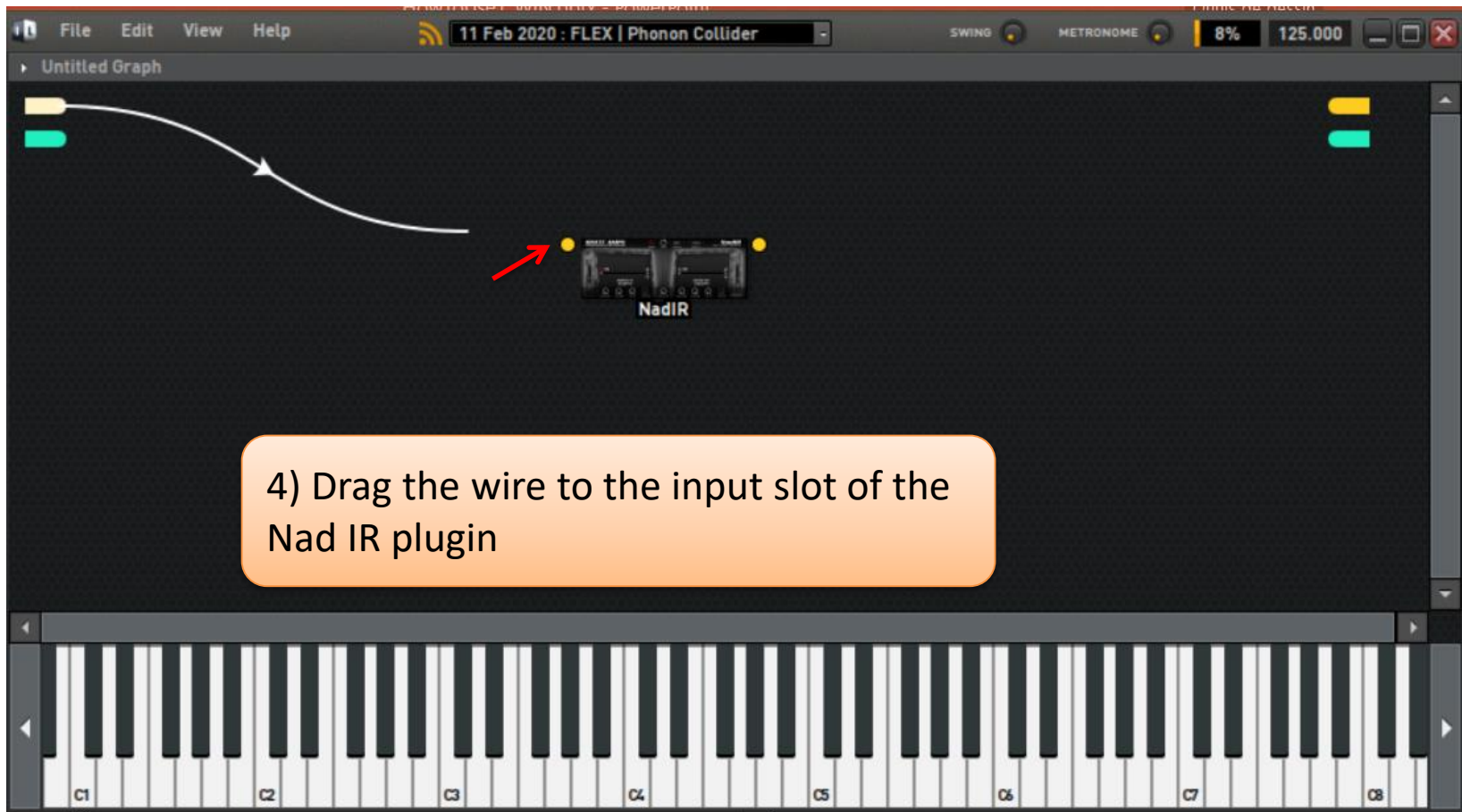




## E) Setup your pedalboard

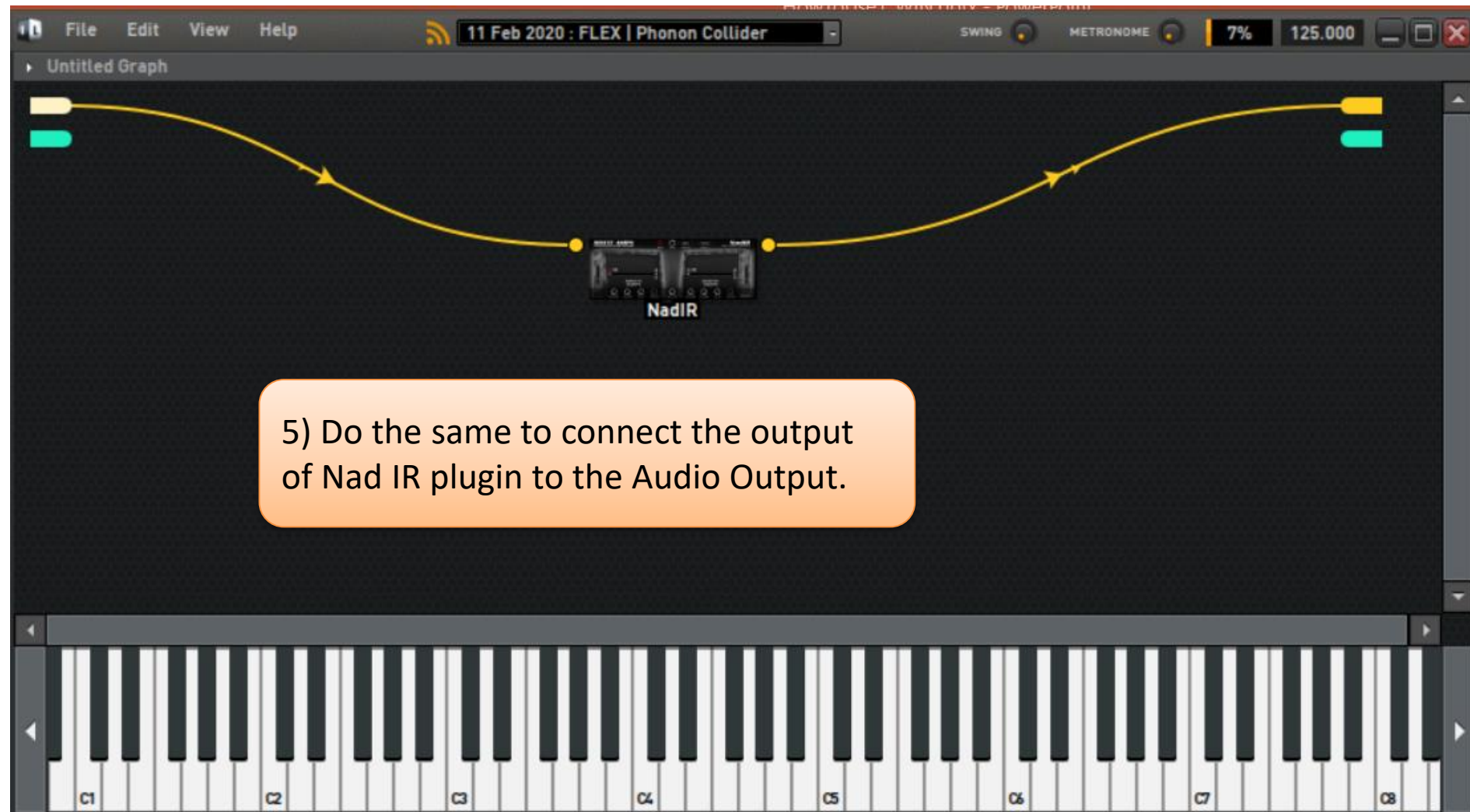


## E) Setup your pedalboard



## E) Setup your pedalboard

5) Do the same to connect the output of Nad IR plugin to the Audio Output.



## F) Setup your IR host

The screenshot displays the STLTONES IGNITE AMPS software interface. At the top, there are menu options: BANK, Default, Load, Save, PRESET, Default\*, +, -, Revert, Store, SETTINGS, Copy, Paste, and a help icon (?). The main interface is divided into several sections:

- Left Panel:** Features a GAIN slider set to +1.5 dB and a file list for IRs. The file list shows a directory structure with various IR files. A red arrow points to the file list.
- Center Panel:** Includes a BALANCE knob set to 35% L and a ROOM knob set to 5%.
- Right Panel:** Features a GAIN slider set to 0 dB and another file list for IRs. A red arrow points to the 'Dual Mono' routing button at the bottom right.
- Bottom Panel:** Contains various frequency response knobs: HI PASS (50 Hz), LO PASS (16.0 KHz), RESONANCE (0%), DELAY (0 ms), PANNING (100% L), PANNING (100% R), DELAY (0 ms), RESONANCE (0%), LO PASS (12.0 KHz), and HI PASS (80 Hz).
- Bottom Right:** Shows the ROUTING menu set to Dual Mono, an OUTPUT button, and the version number v 2.0.0.

- 1) Load the IR file
- 2) Choose mono routing
- 3) If asked choose best quality



G) Now you can Play: but read the next slide carefully before!

**STLTONES IGNITE AMPS** **NadIR DUAL GAB PROCESSOR**

BANK Default Load Save PRESET Default\* + - Revert Store SETTINGS Copy Paste

**+1.5 dB** **0 dB**

**GAIN** **GAIN**

C:\Users\fbert\Desktop\IR Ignite\IRs

FILE	FOLDER
..	FOLDER
EVH 2x12 V30 SHR SM57 45 deg.wav	
EVH 2x12 V30 SHR SM57 Center.wav	
EVH 2x12 V30 SHR SM57 Off axis.wav	
EVH 2x12 V30 SNH MD421W Center.wav	
EVH 2x12 V30 SNH MD421W Off axis.wav	
<b>RKH 4x12 GB ROY 121 Center.wav</b>	
RKH 4x12 GB SHR SM57 45 deg.wav	
RKH 4x12 GB SHR SM57 Center.wav	
RKH 4x12 GB SHR SM57 Off axis 1.wav	
RKH 4x12 GB SHR SM57 Off axis 2.wav	
RKH 4x12 V30 ELV RE20 Center.wav	

**35% L** **5%**

**BALANCE** **ROOM**

C:\Users\fbert\Desktop\IR Ignite\IRs

RKH 4x12 V30 ELV RE20 Off axis.wav
RKH 4x12 V30 ROY 121 Center.wav
RKH 4x12 V30 RVX M3500 Center.wav
RKH 4x12 V30 RVX M3500 Off axis.wav
RKH 4x12 V30 SHR SM57 45 deg.wav
RKH 4x12 V30 SHR SM57 Center.wav
RKH 4x12 V30 SHR SM57 Off axis 1.wav
RKH 4x12 V30 SHR SM57 Off axis 2.wav
<b>RKH 4x12 V30 SNH 441U Center.wav</b>
RKH 4x12 V30 SNH 441U Off axis.wav
RKH 4x12 V30 SNH MD421W 45 deg.wav
RKH 4x12 V30 SNH MD421W Center.wav
RKH 4x12 V30 SNH MD421W Off axis.wav

**IR File: ..H 4x12 GB ROY 121 Center.wav** **IR File: .. 4x12 V30 SNH 441U Center.wav**

50 Hz 16.0 KHz 0% 0 ms 100% L 100% R 0 ms 0% 12.0 KHz 80 Hz

HI PASS LO PASS RESONANCE DELAY PANNING PANNING DELAY RESONANCE LO PASS HI PASS

64 bit INPUT **ROUTING Dual Mono** **OUTPUT** v 2.0.0

If you want to bypass the effect to compare WITH or WITHOUT



**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