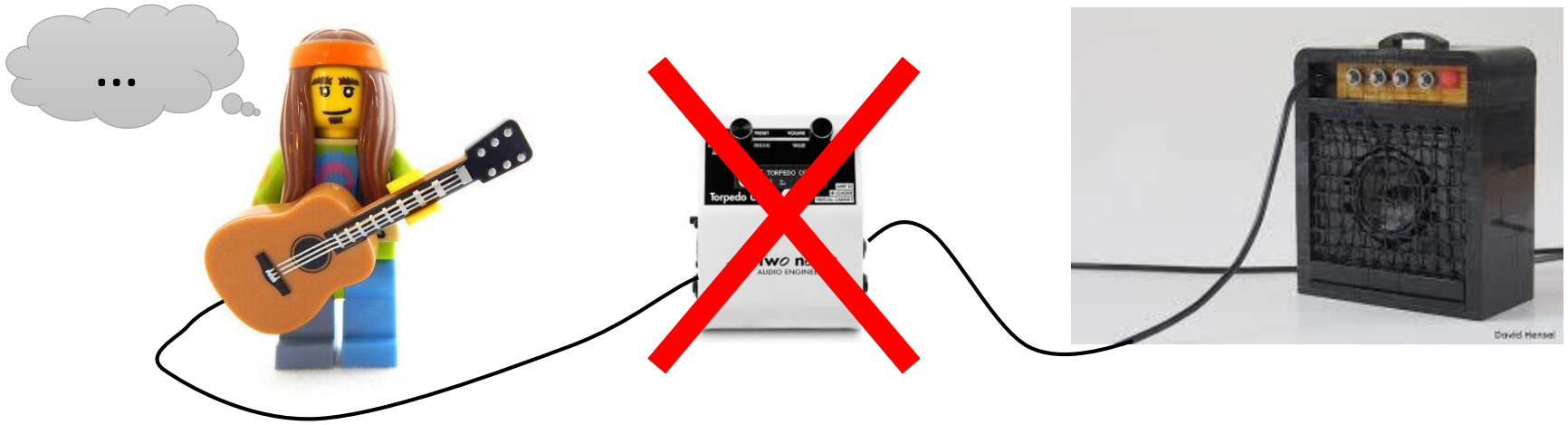
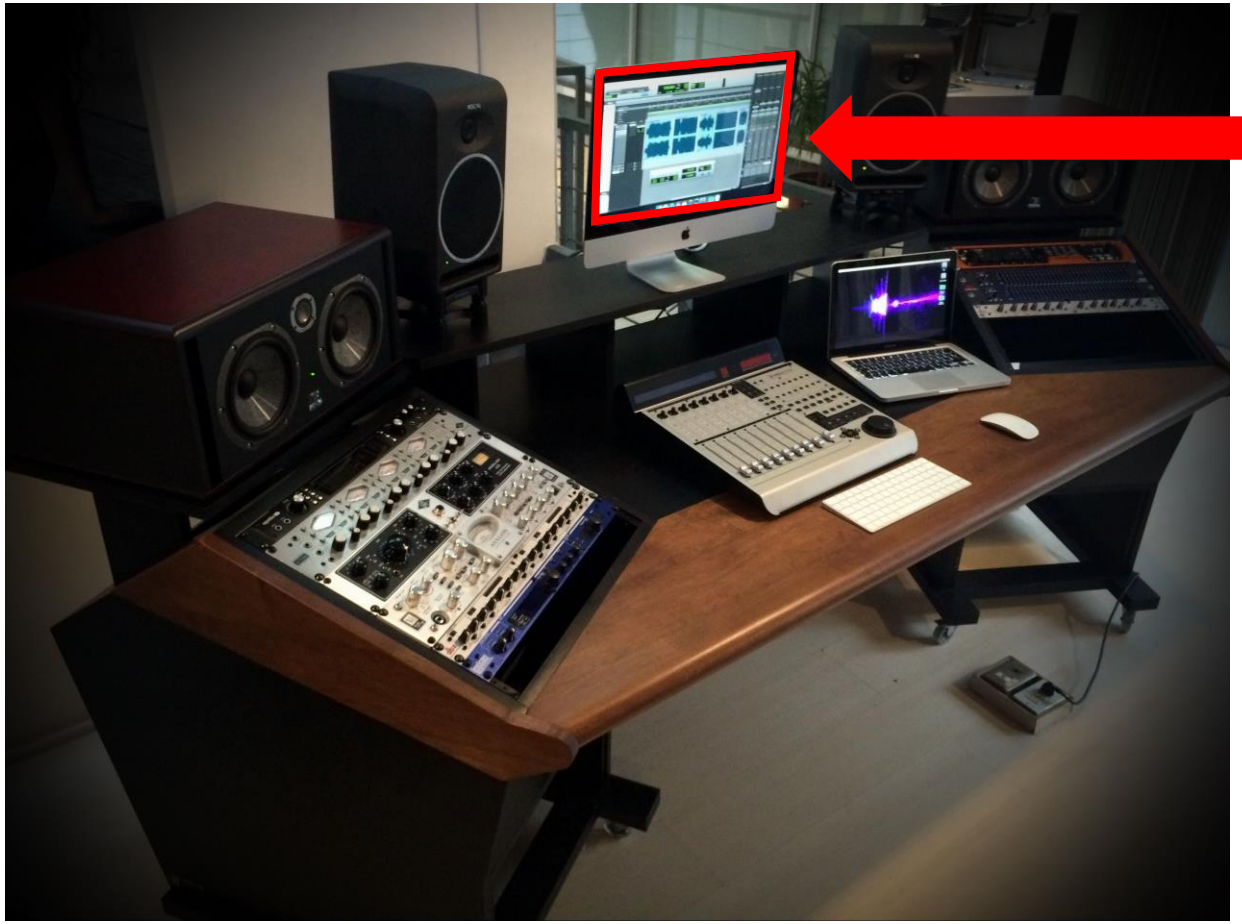
The following presentation is going to explain how to use your PC or MAC as the real time playback host for your IR, in case you don't own an IR loader pedal.



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

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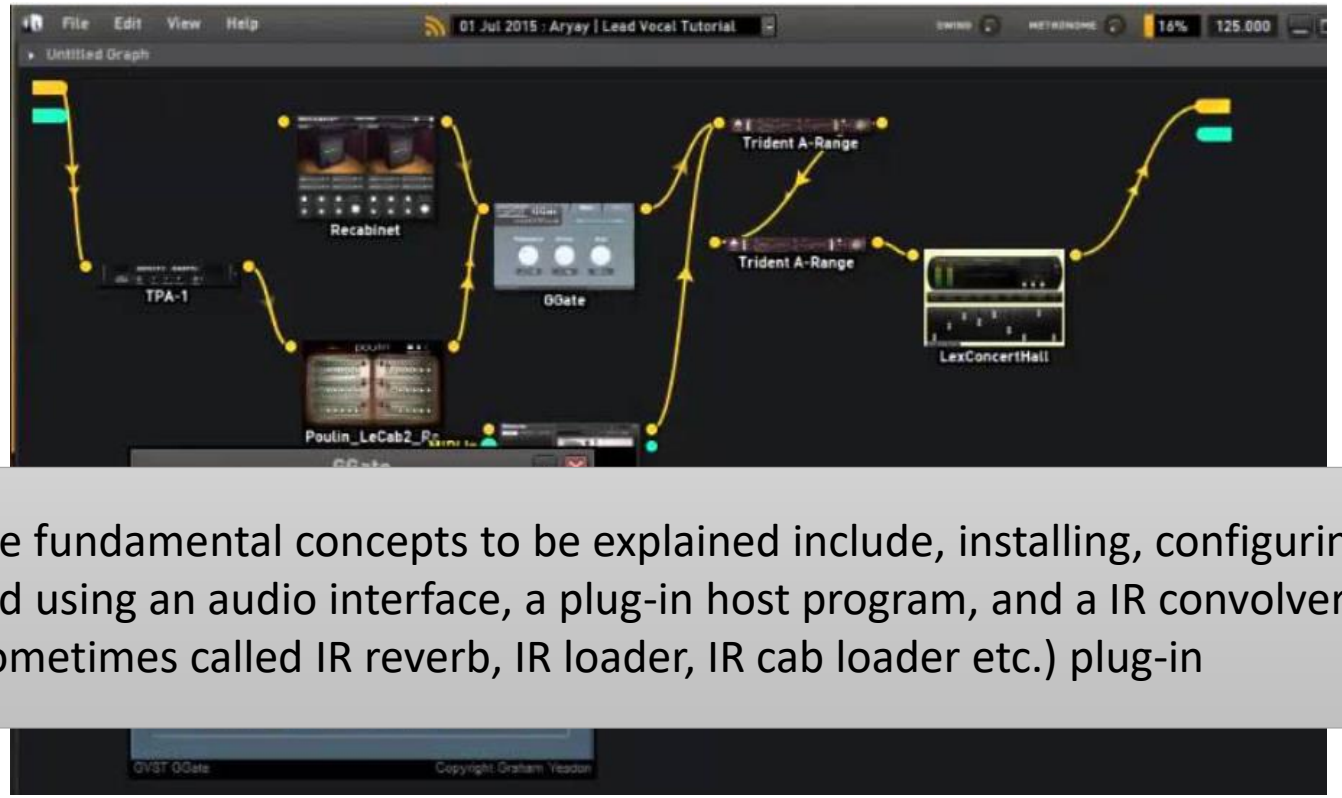
Guitar signal incoming

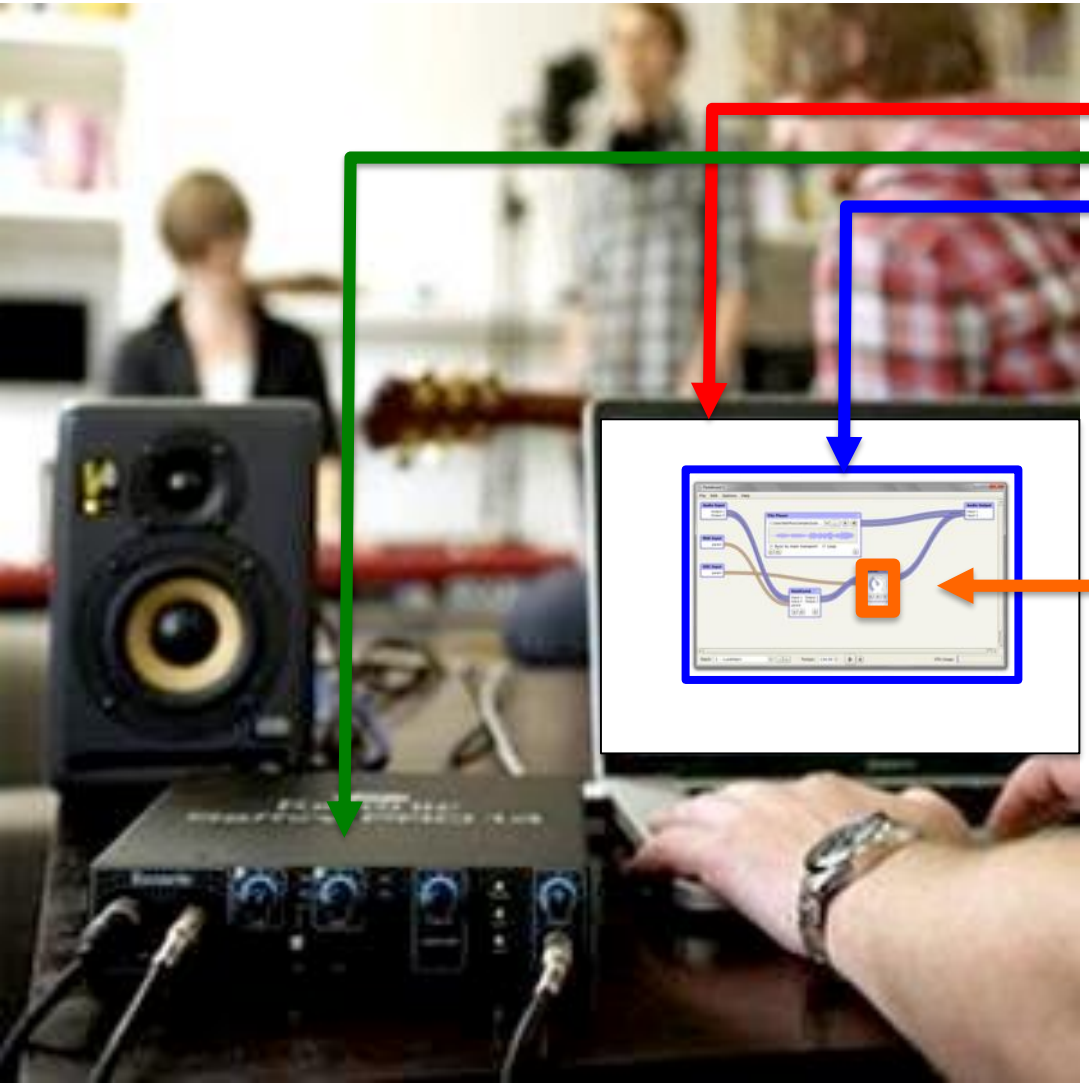


Guitar signal outcoming

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…



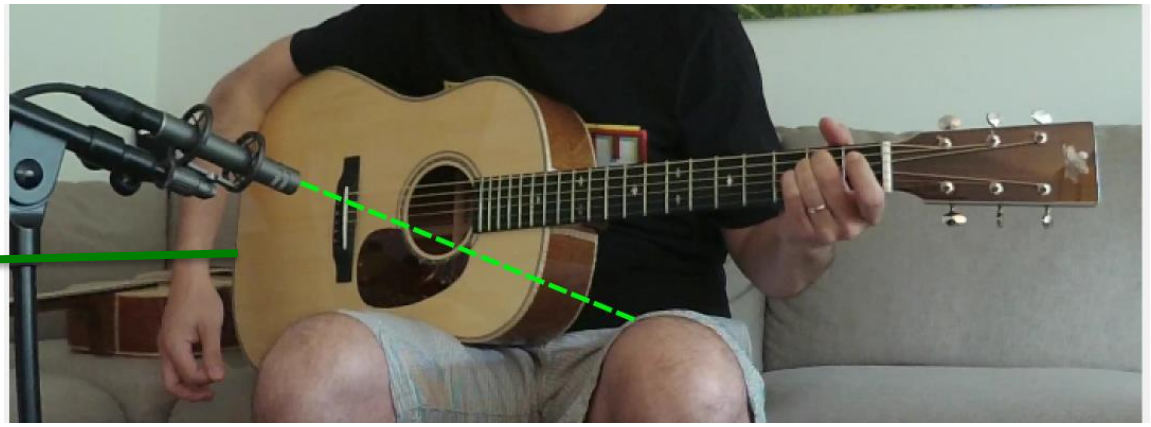
You need:

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

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

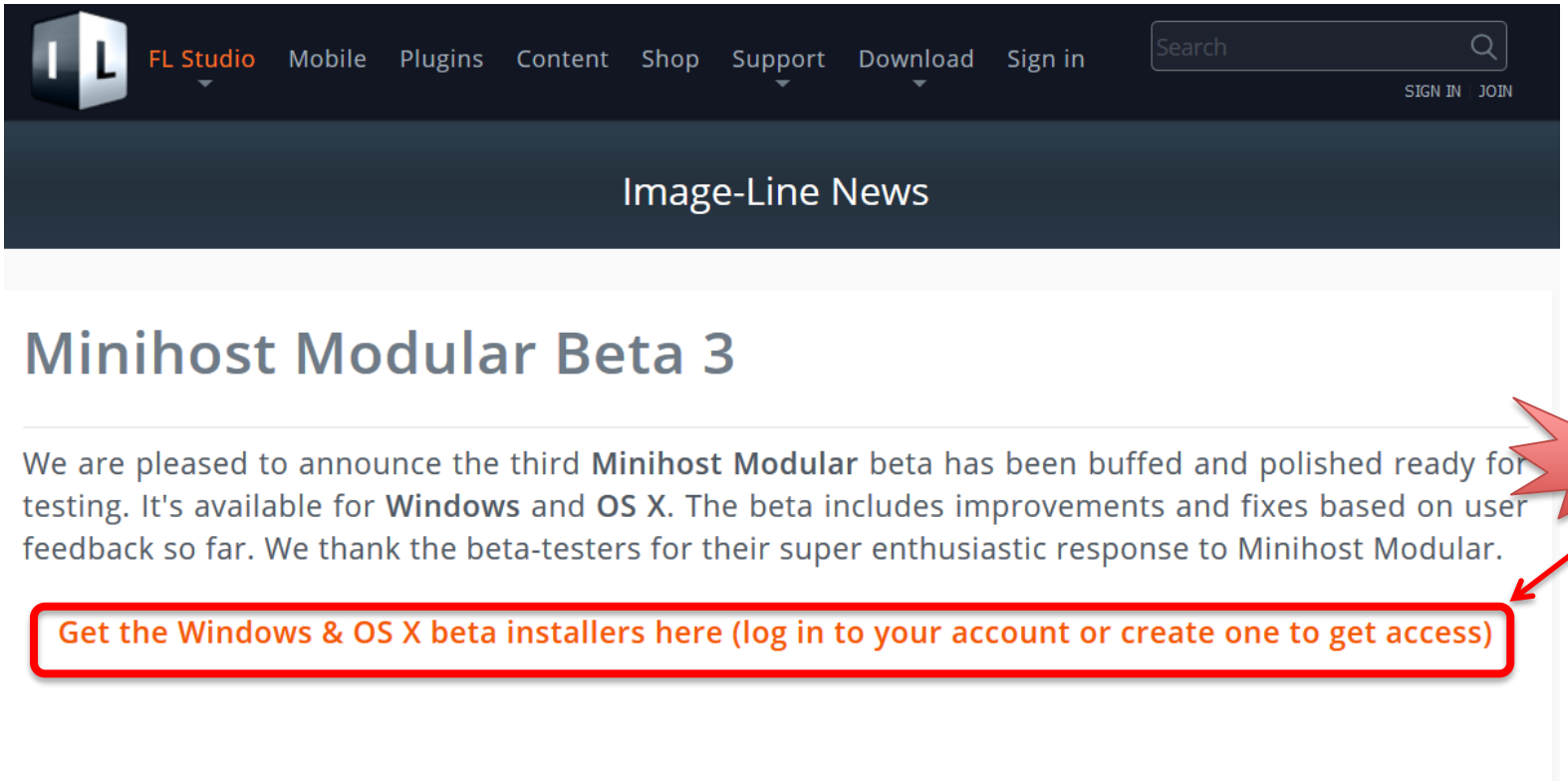
When installing the software: set all gains & Volume to ZERO!!

SEE THE END OF THE DOCUMENT FOR MORE INFORMATION!

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

Windows PC

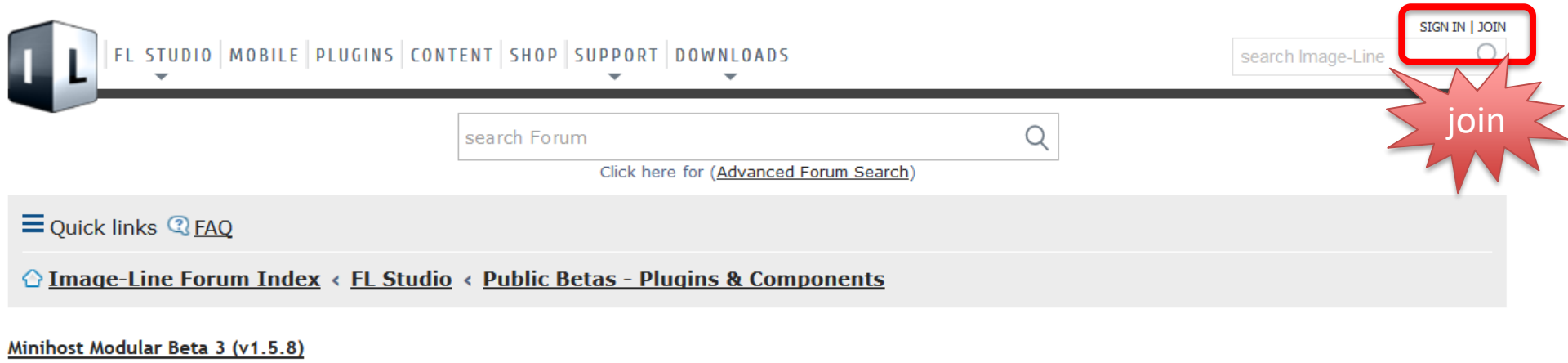
Go to this website and download a plugin host
https://www.image-line.com/documents/news.php?tag=minihost+modular



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

Windows PC

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.

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 includ
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

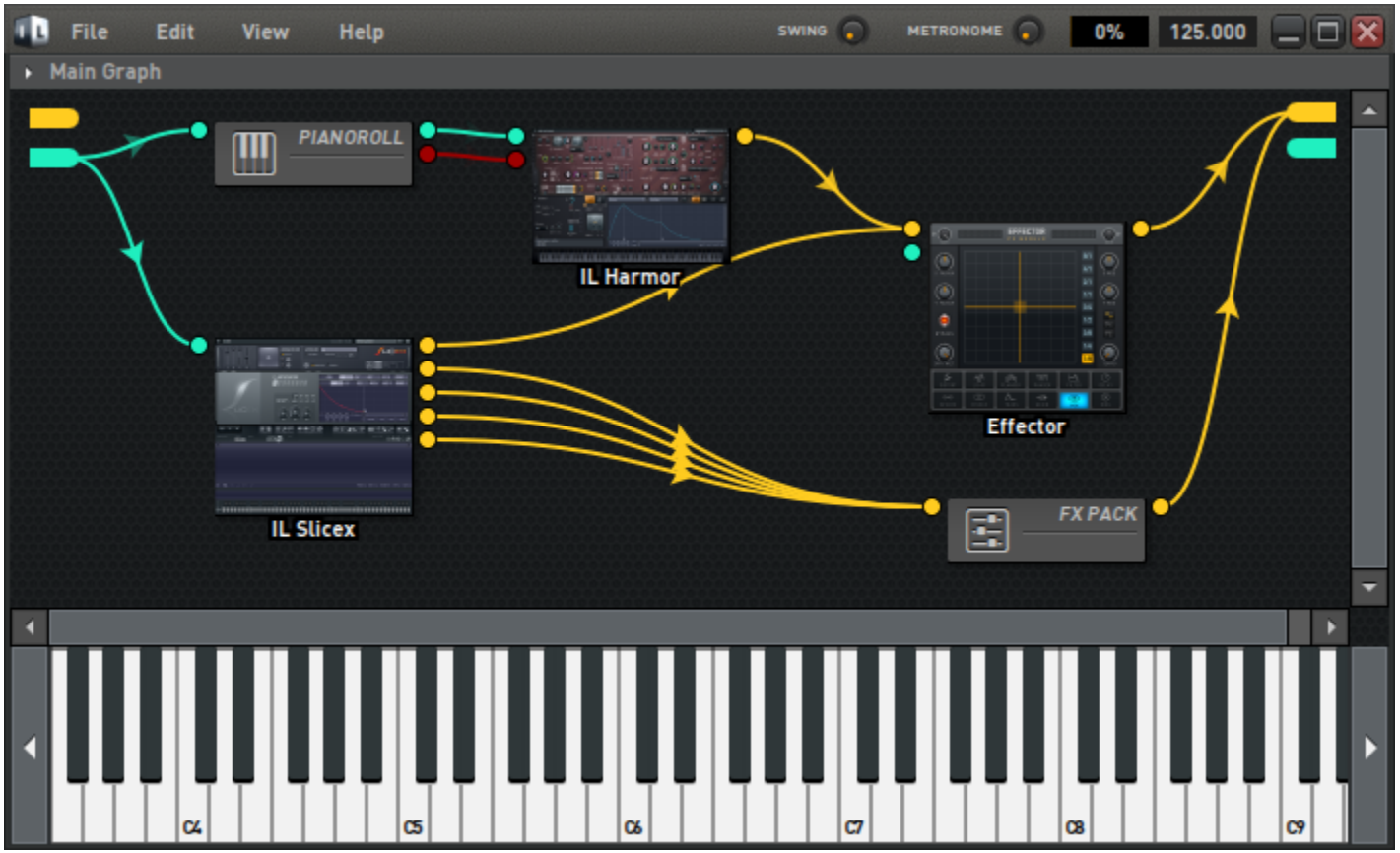
To open in 32 Bit mode: From the App Launcher use ctrl+left click then 'Get info' and set to 'Open

Last updated 24-April-2014

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

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	News	Videos	Reviews	Banks & Patches	Related	Soundware	Forum
	6	0	1	0	11	4	0

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.

This one sounds a bit warmer than the real pedal

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).

Product	NadIR
Developer	Ignite Amps
Price (MSRP)	Free
Type / Tags	Convolver Cabinet Impulse Response Cabinet

Plug-in, App & Soundware Format(s)

Effect(s)	VST VST3 AU AAX

Operating System Availability

Operating System	Latest Version	Download	Released
64 bit	2.0.1	Download	✓

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.

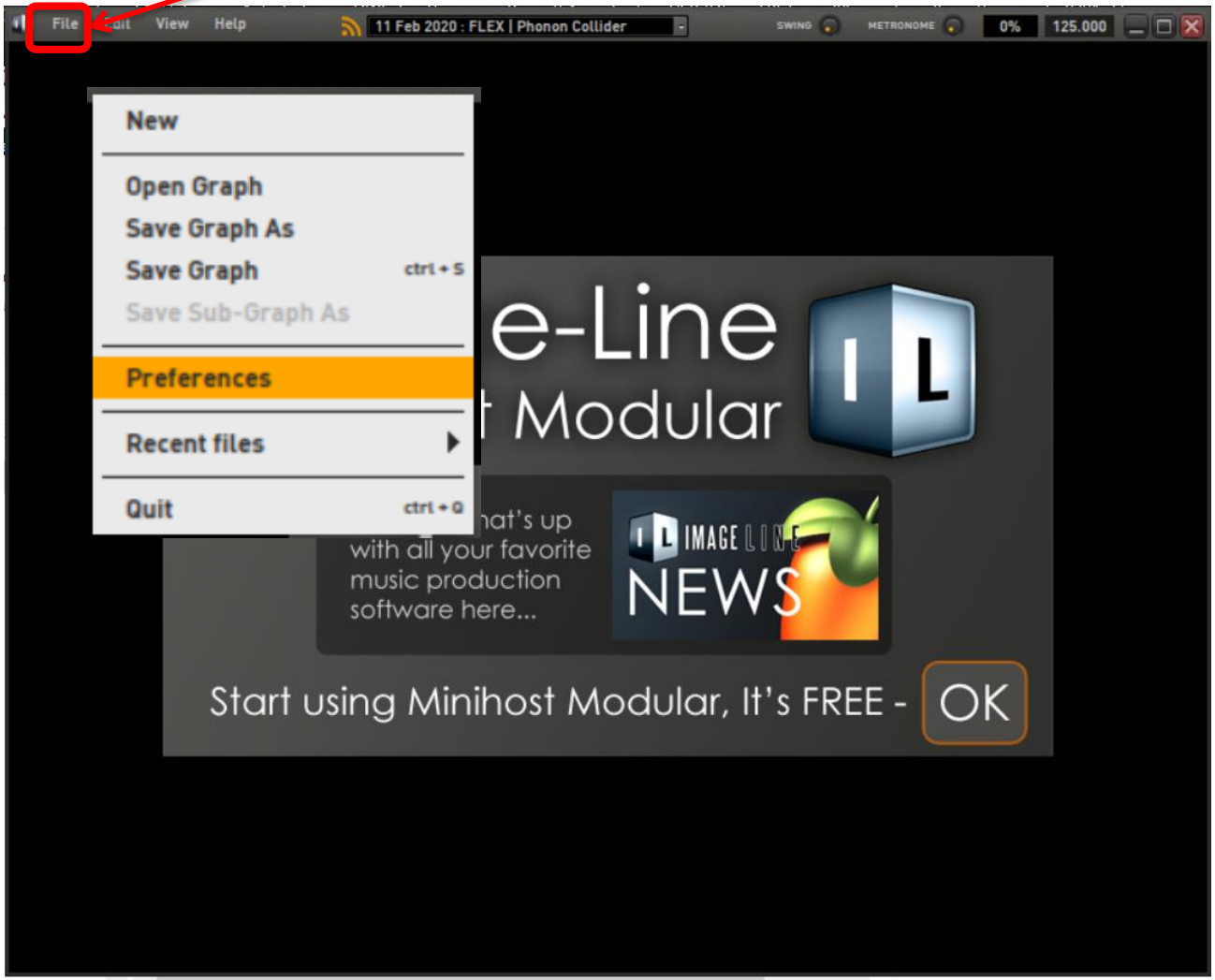
DOWNLOAD USER MANUALS

BUY NOW - $0.00

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

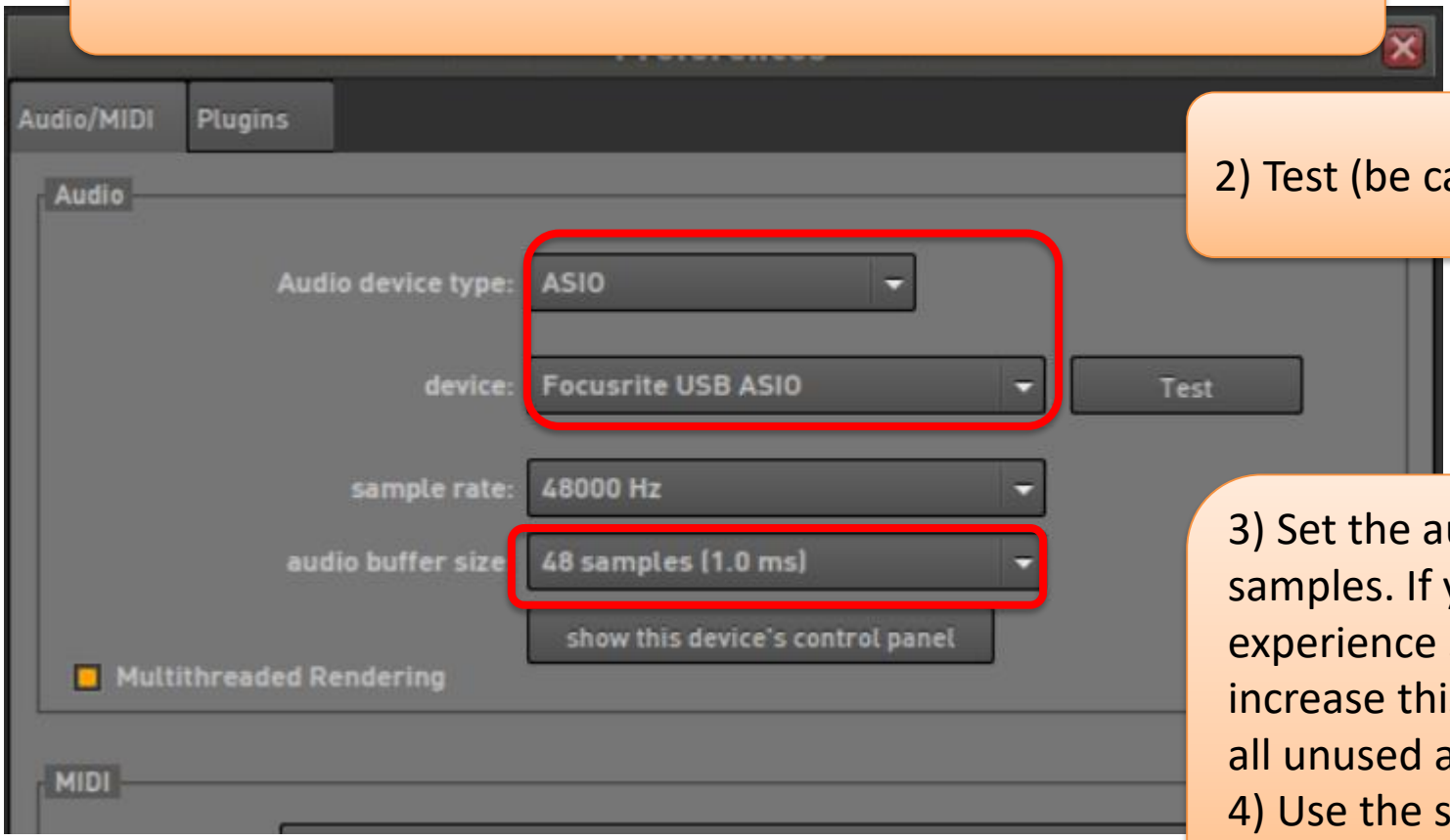
C) LAUNCH IL MiniHost

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

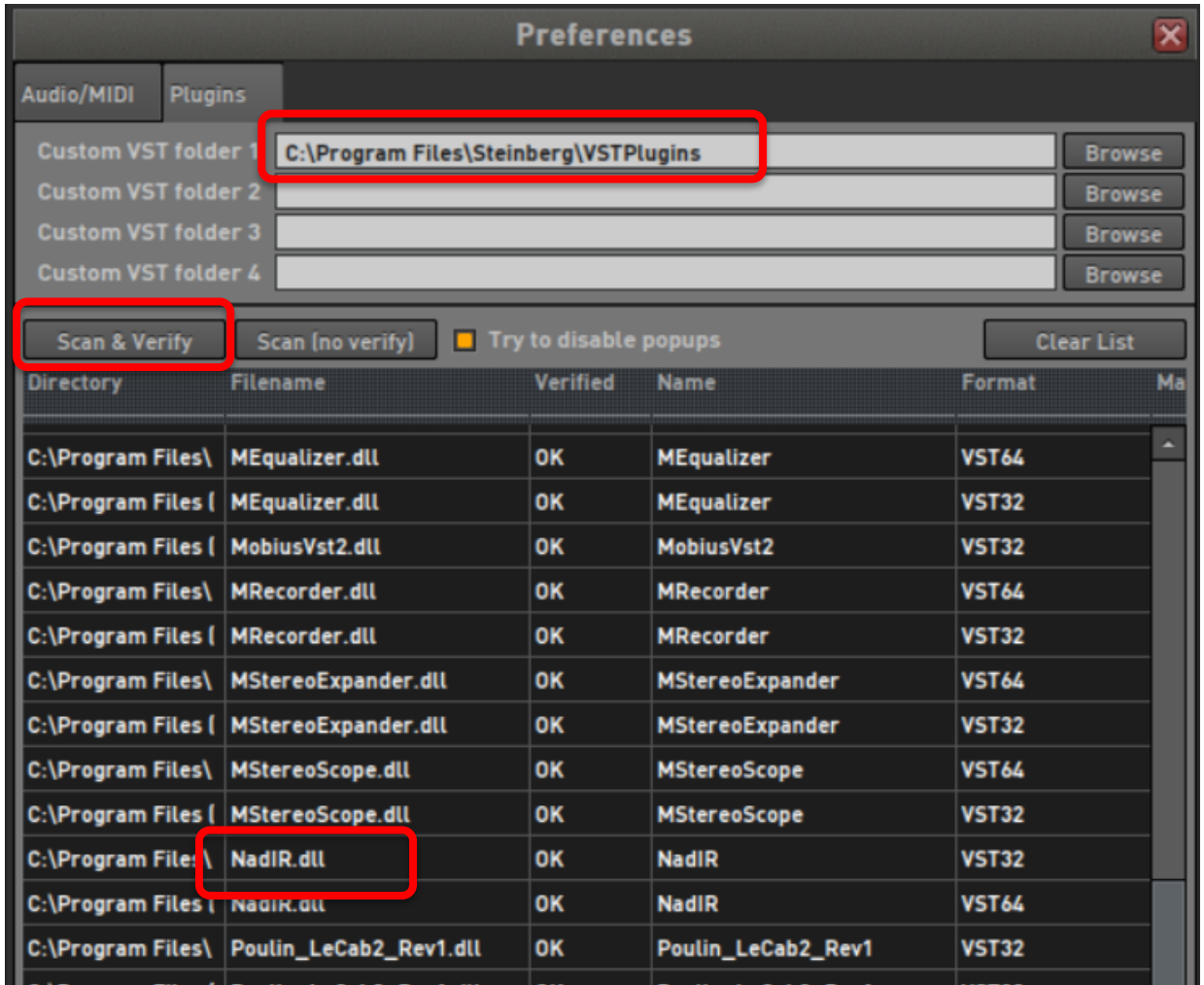
D) Scan for installed plugins

2) Add the directory where Nad IR is installed

3) Scan & verify

4) NadIR should appear

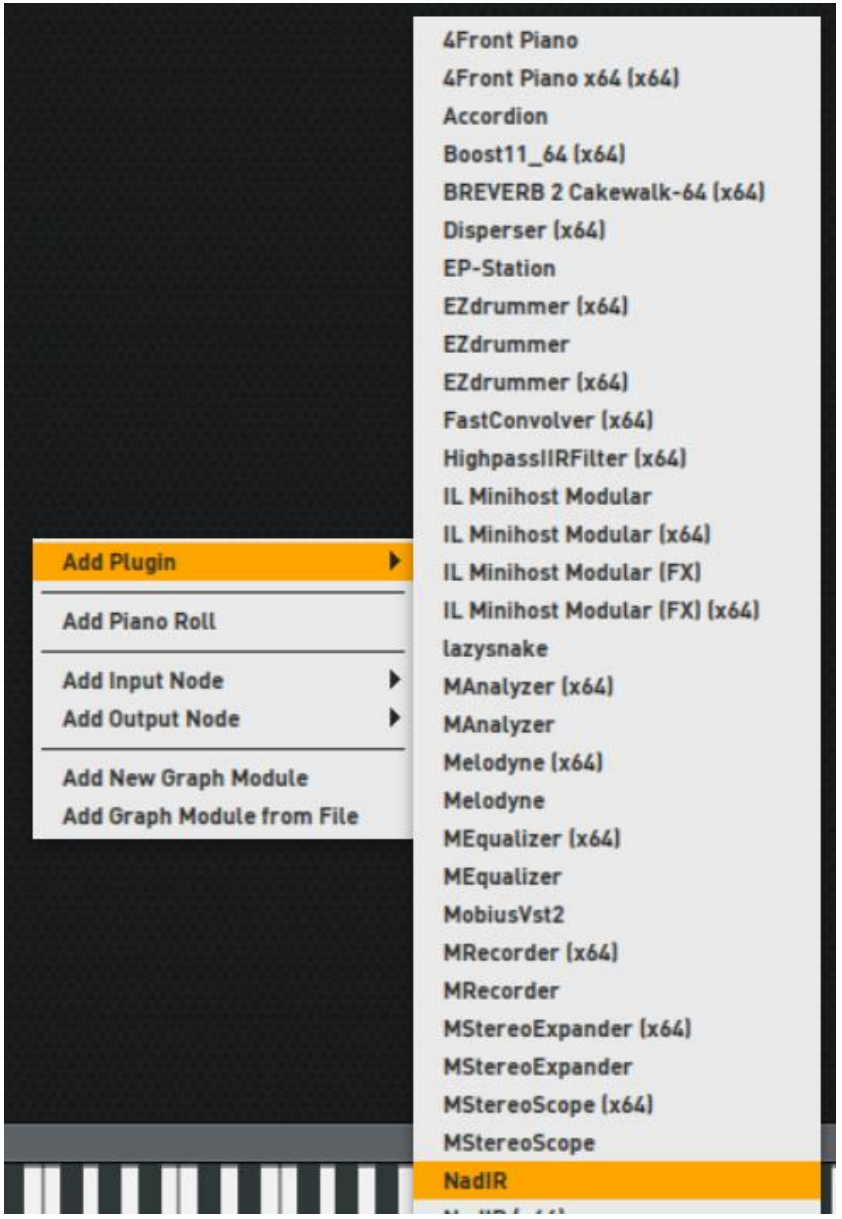
5) Close the « Preferences » window



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



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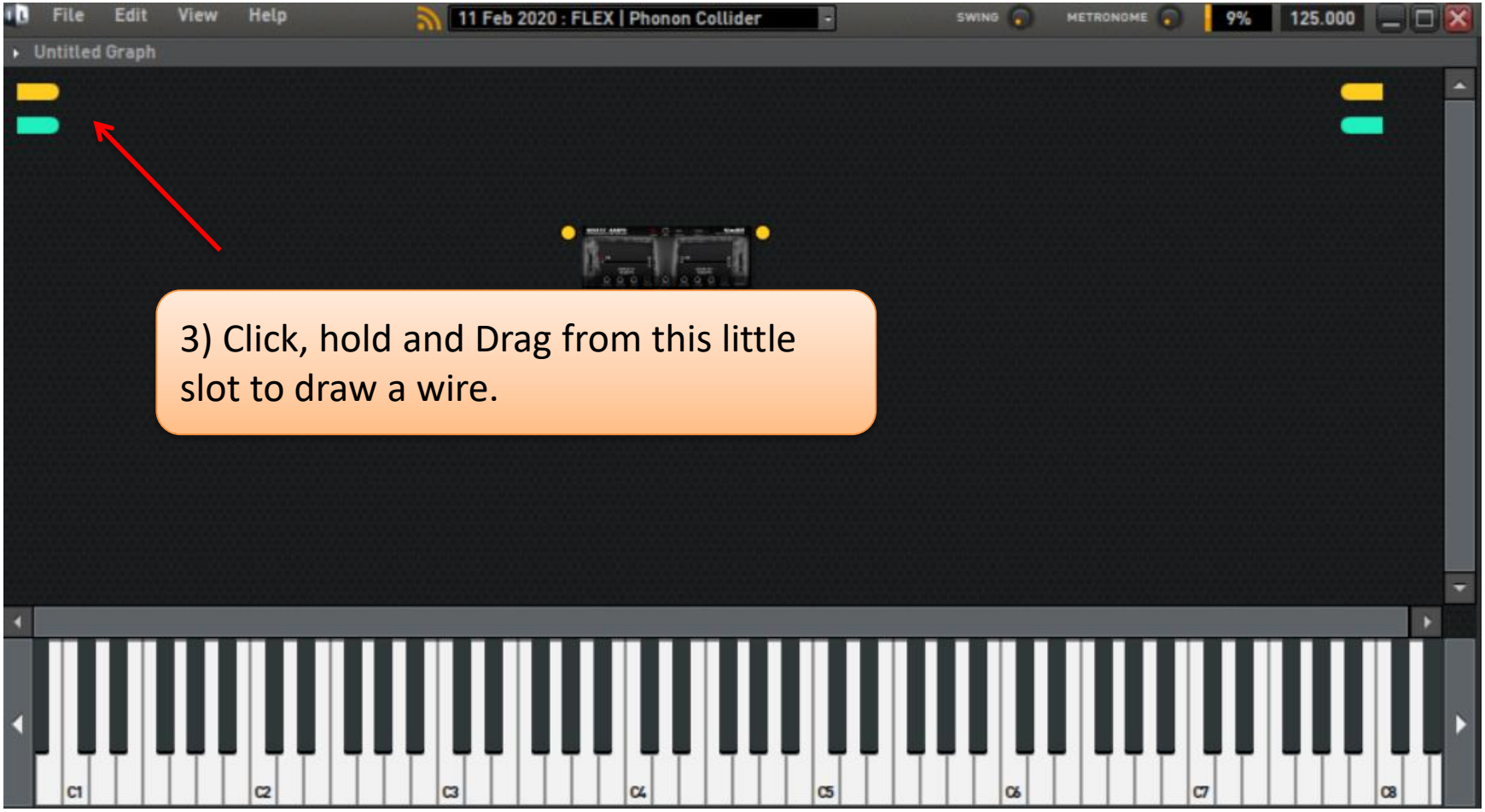

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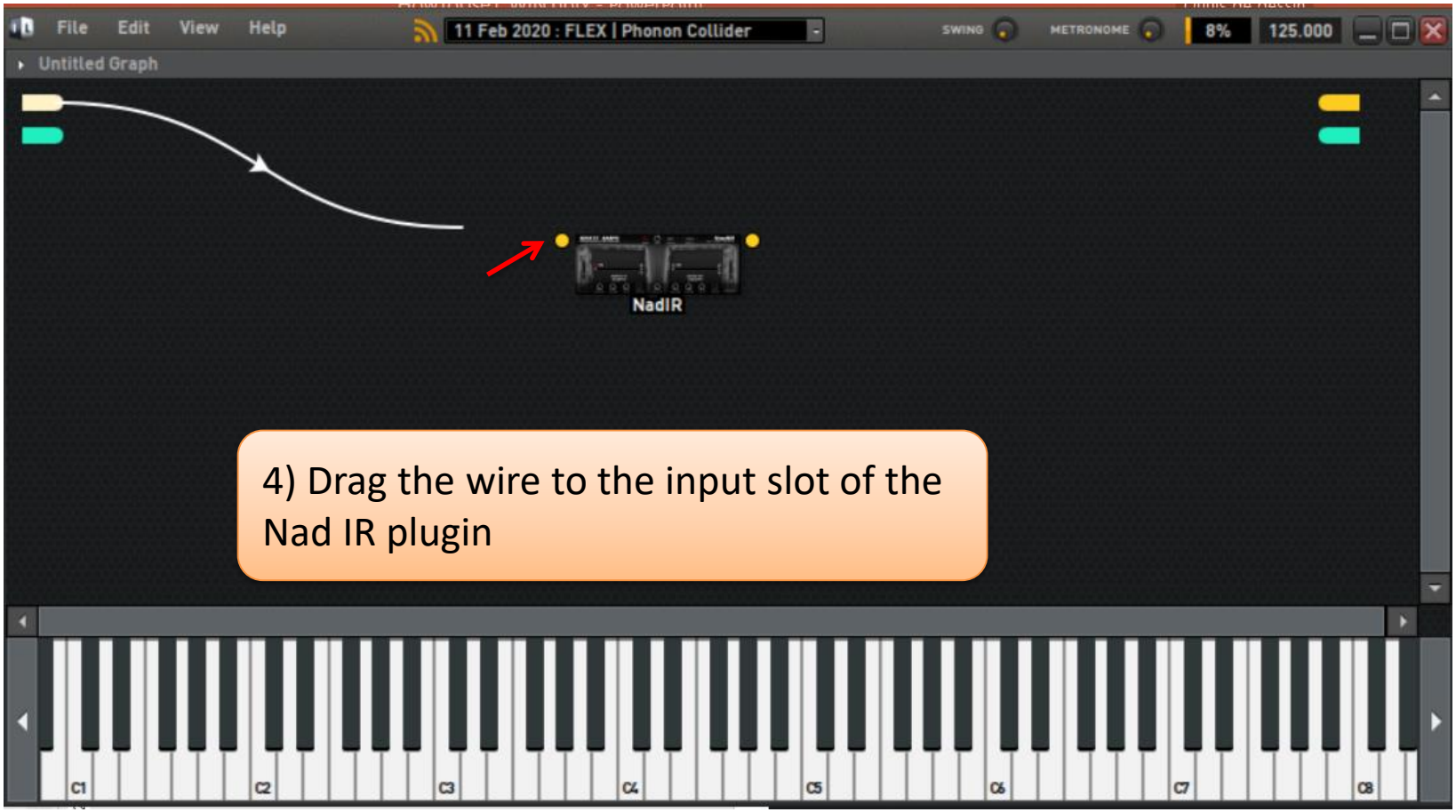
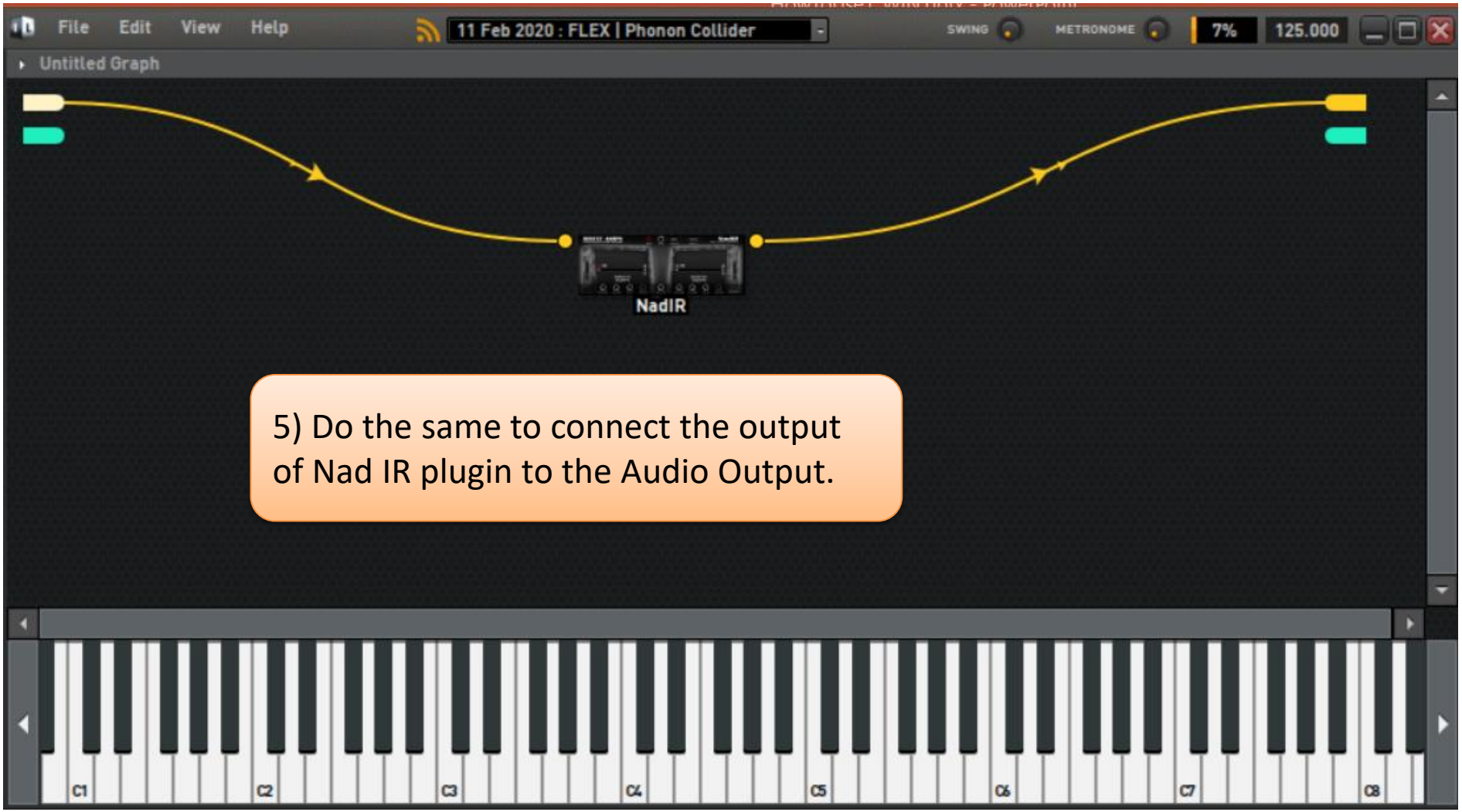


E) Setup your pedalboard



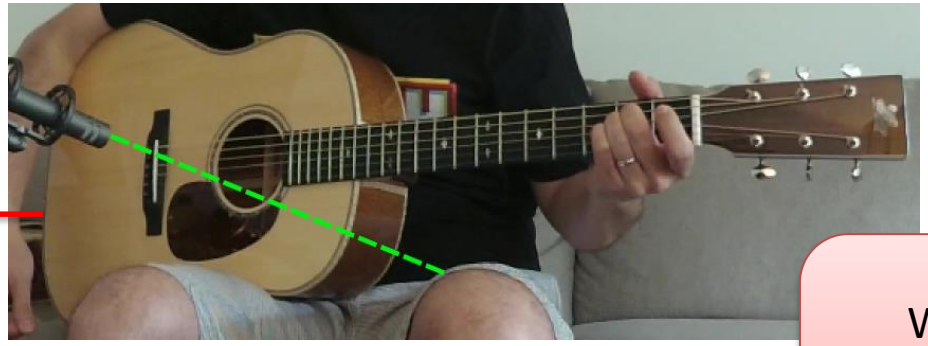
F) Setup your IR host

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!

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

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



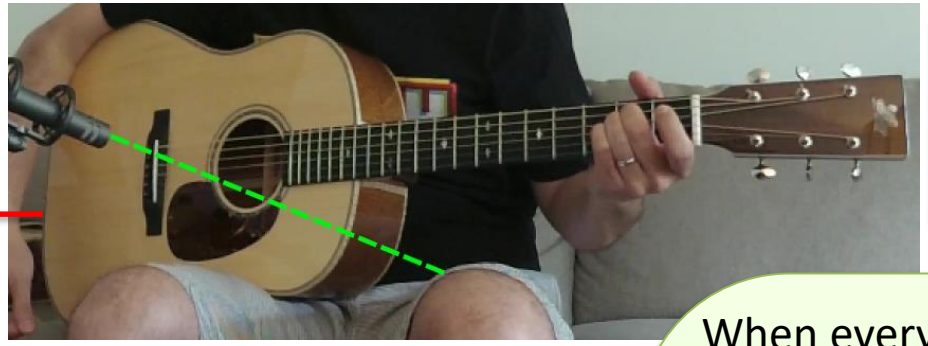
When installing the software: set all gains & Volume to ZERO!!

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