

azonoAudio Manual

This manual will guide you through the process of setting up azonoAudio on your computer. As azonoAudio is an audio plugin (VST2 plugin), it needs a host application to run. In this manual, EqualizerAPO is used as the host application. The advantages of EqualizerAPO is that it runs in the background of your system and once set up, no further changes must be made. Depending on the experience of the user, the set up should take around 20 minutes to conduct.

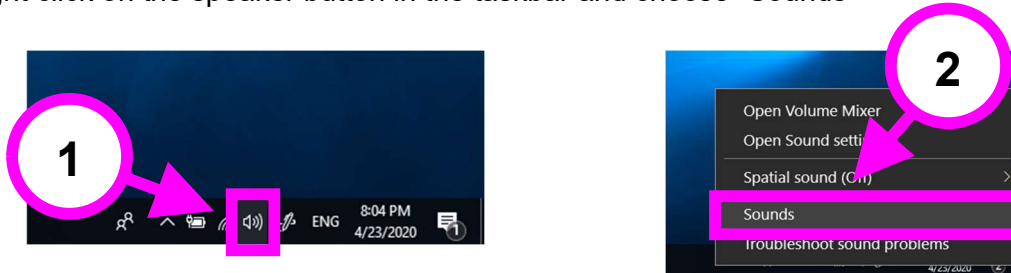
azonoAudio is also compatible with software that provide audio plugin support. Advanced users may want to use azonoAudio with another host application. A list of host application is available on Wikipedia: [en.wikipedia.org/wiki/Virtual Studio Technology](https://en.wikipedia.org/wiki/Virtual_Studio_Technology)

A commonly used audio player with audio plugin support is Foobar2000. Following instruction will guide through the process of adding audio plugin support in Foobar2000: windowsreport.com/install-foobar-vst-plugin/. Please be aware that Foobar2000 will only support the 32-bit version of azonoAudio.

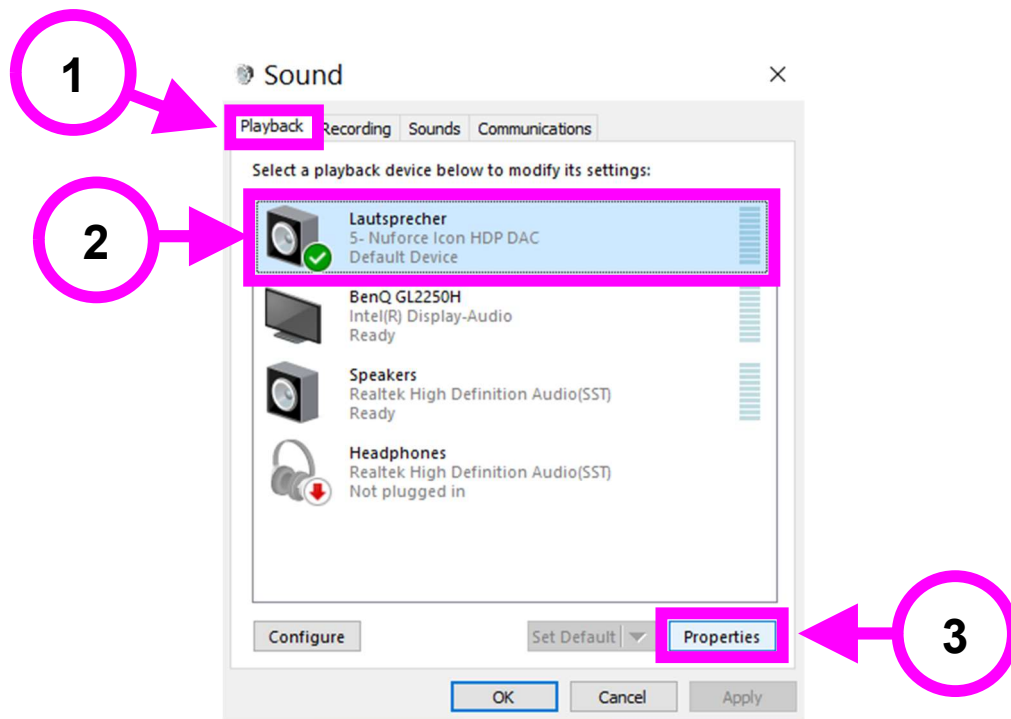
1. Change setting of system audio device

azonoAudio is engineered to work best with a sampling rate of 44100 Hertz. This sampling rate is most used in audio and should be sufficient enough for most users. You can check your systems sampling rate by conducting following steps.

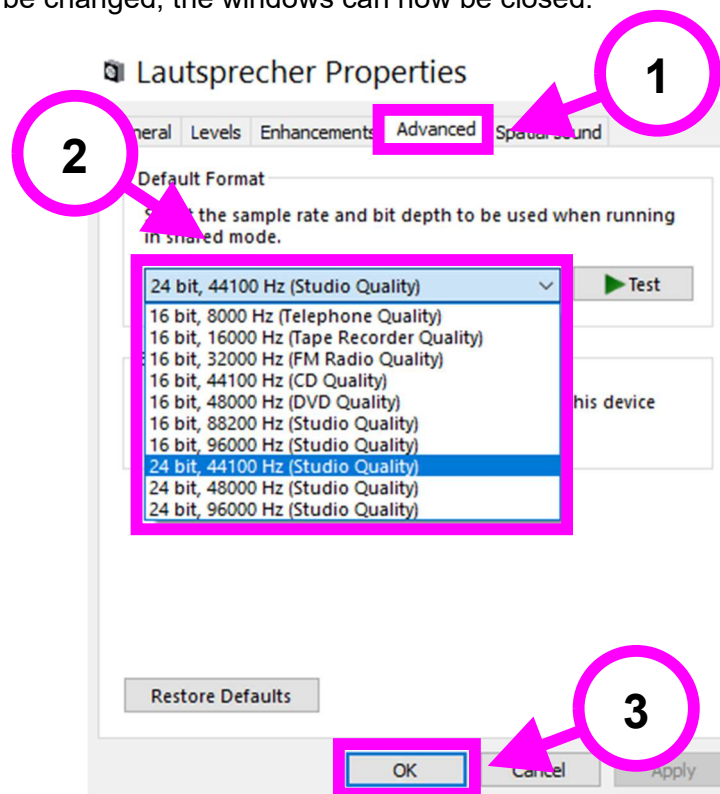
1. Right click on the speaker button in the taskbar and choose "Sounds"



2. Open "Playback" menu, choose your sound device and click on "Properties"



3. Open “Advanced” menu choose “24 bit, 44100 Hz” setting and confirm with “OK”. The settings will be changed, the windows can now be closed.

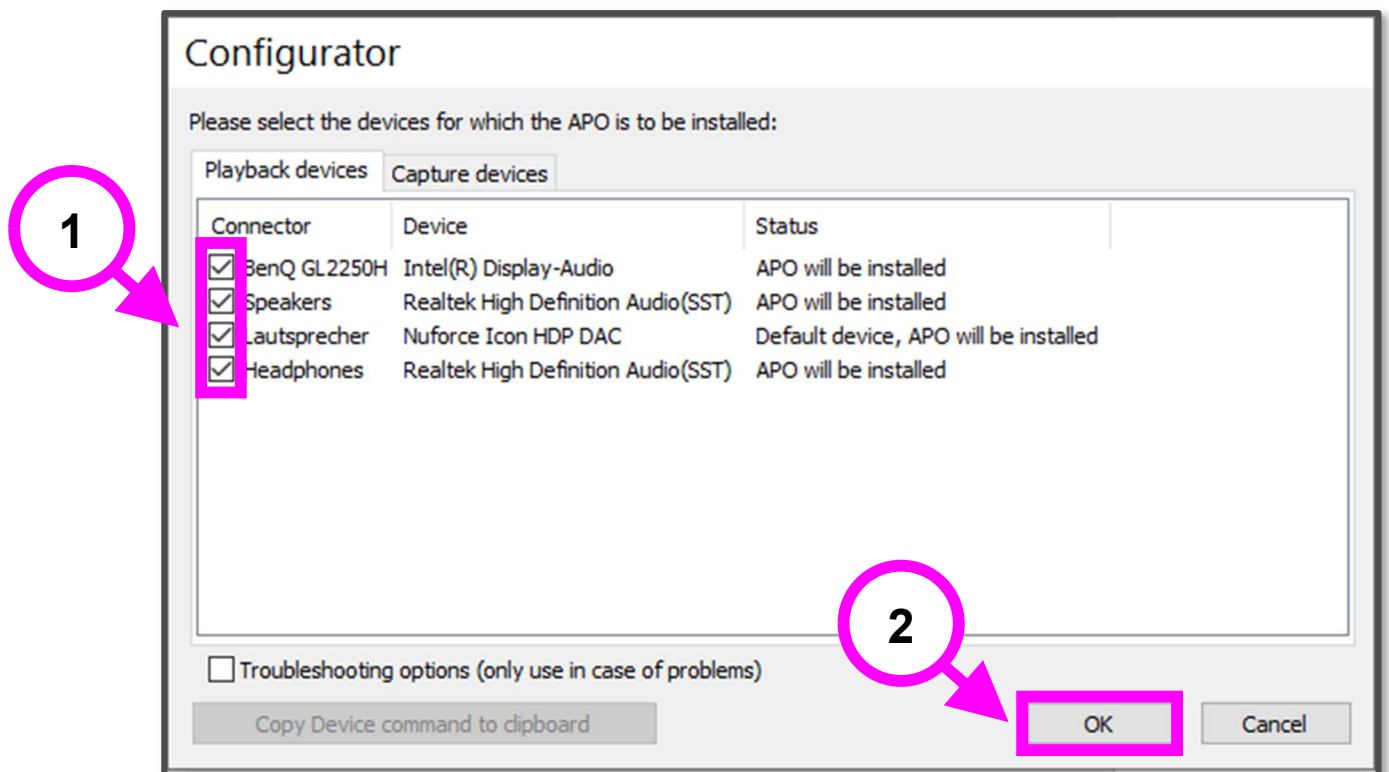


2. Set up EqualizerAPO

1. Download installation file of EqualizerAPO.

Download link: sourceforge.net/projects/equalizerapo/

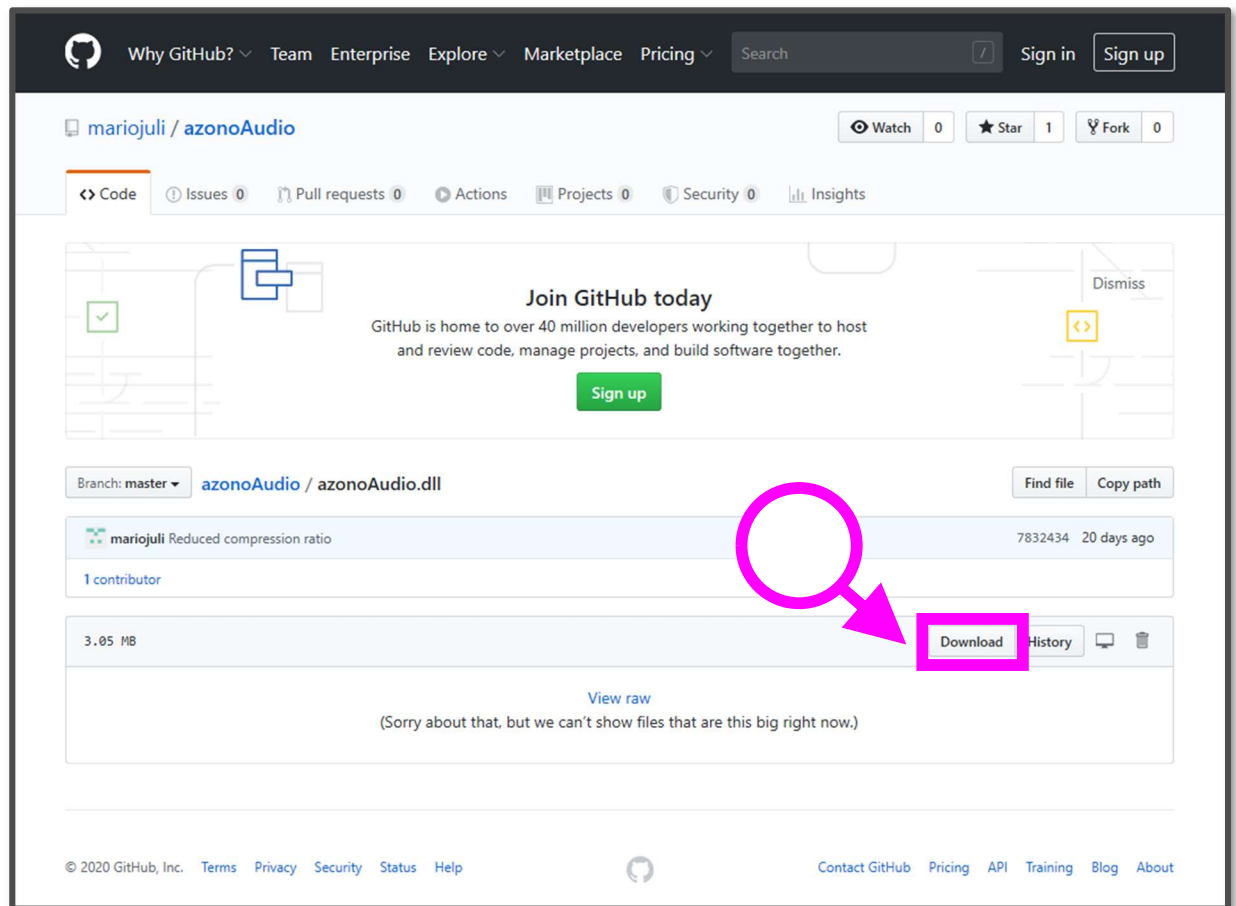
- ### 2. Run downloaded installation file and go through the installation process of EqualizerAPO.
- After the installation is successful, a configurator window will open. Choose the audio devices on which you want to apply EqualizerAPO/azonoAudio. If you are unsure which devices to choose, it is recommended to choose all.
- After confirmation of the audio devices, the installation process will then restart your computer.



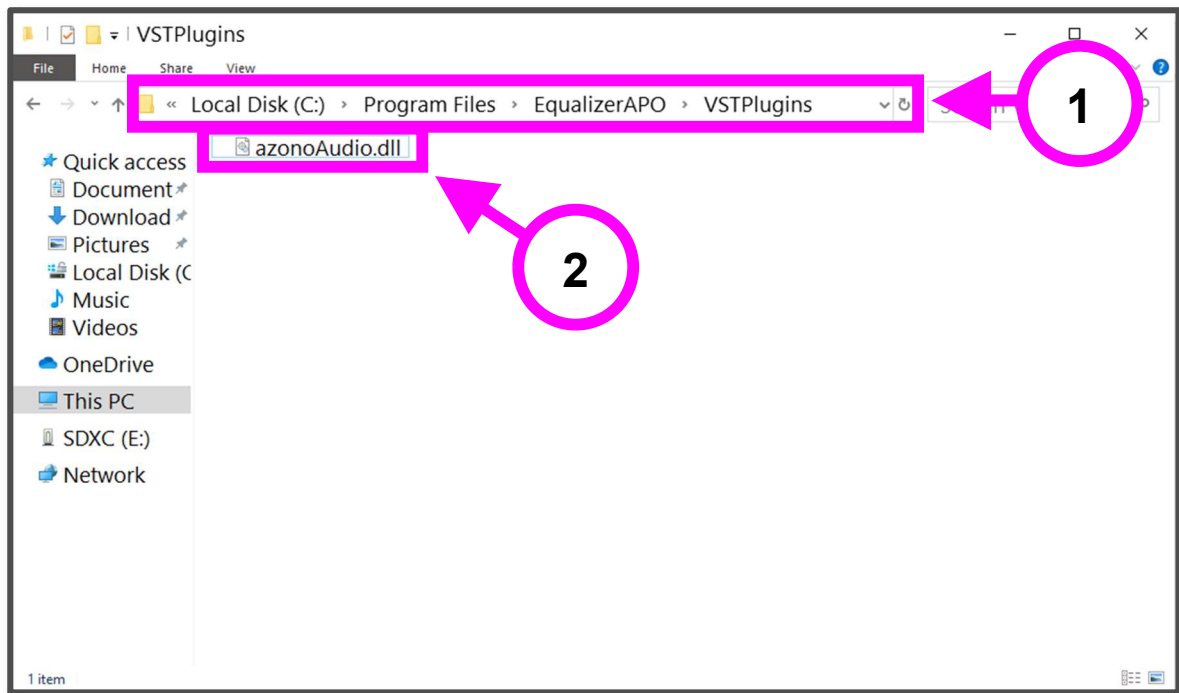
3. Set up azonoAudio

1. Download "azonoAudio.dll" from Github.com.

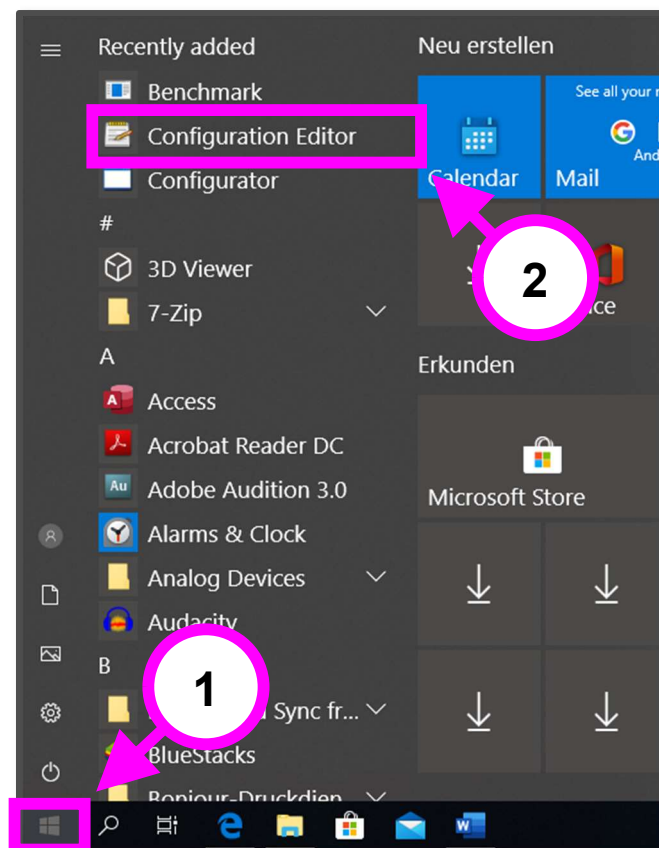
Download link: github.com/mariojuli/azonoAudio/blob/master/azonoAudio.dll



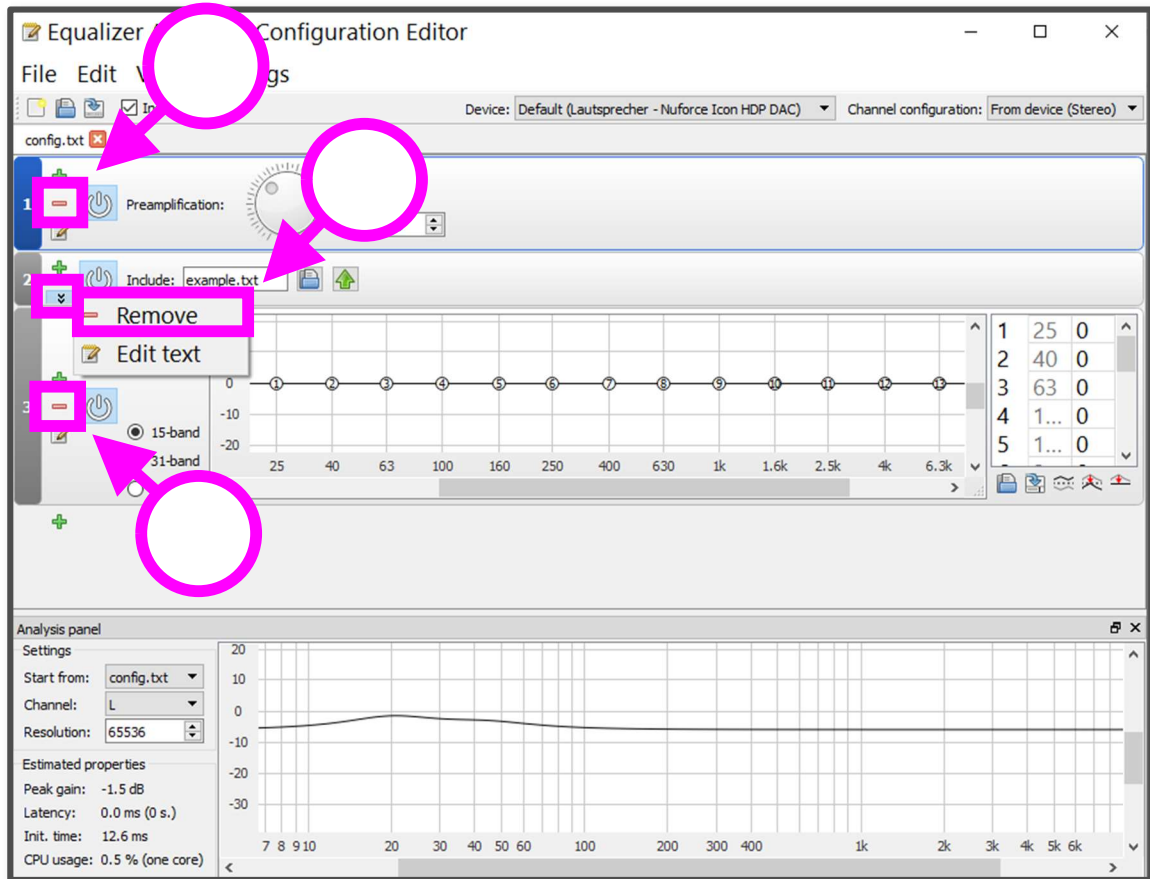
2. Open File Explorer and go to installation folder of EqualizerAPO. Copy “azonoAudio.dll” to the folder “VSTPlugins” within the installation folder of EqualizerAPO.
Default installation path: C:\Program Files\EqualizerAPO\VSTPlugins



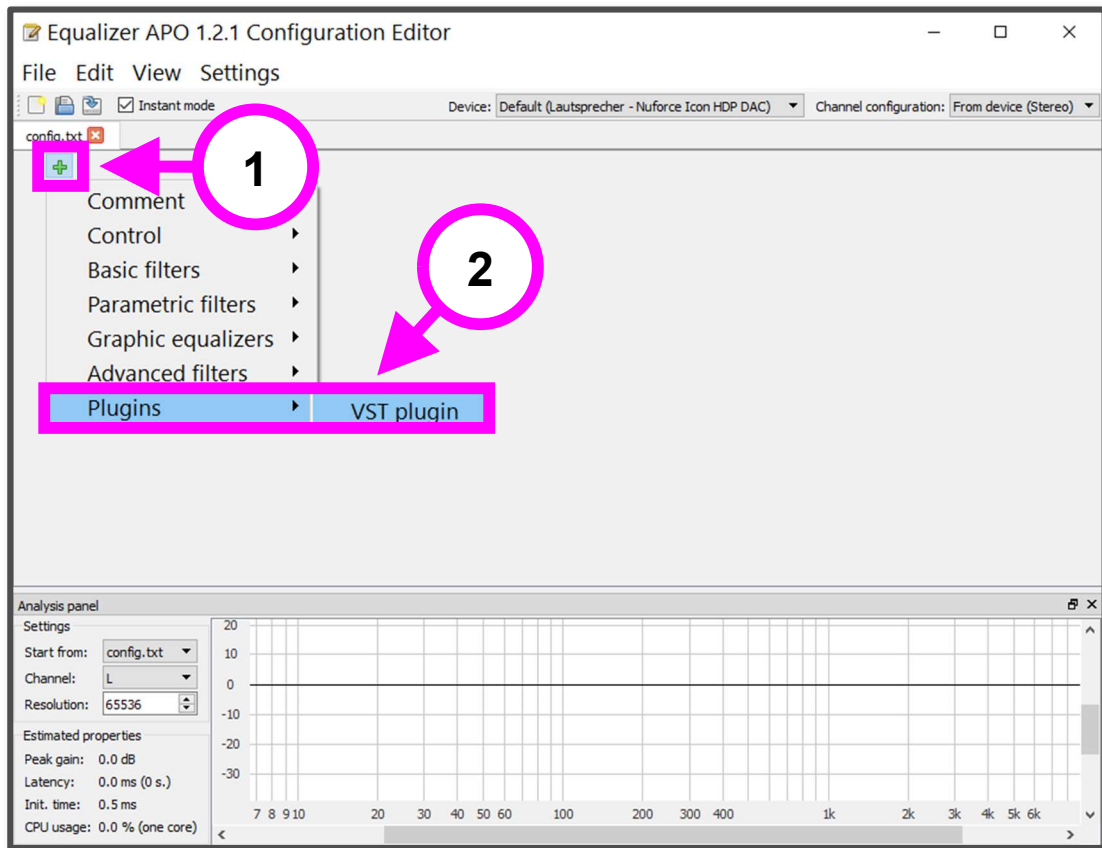
3. Open Start bar and open “Configuration Editor” of EqualizerAPO



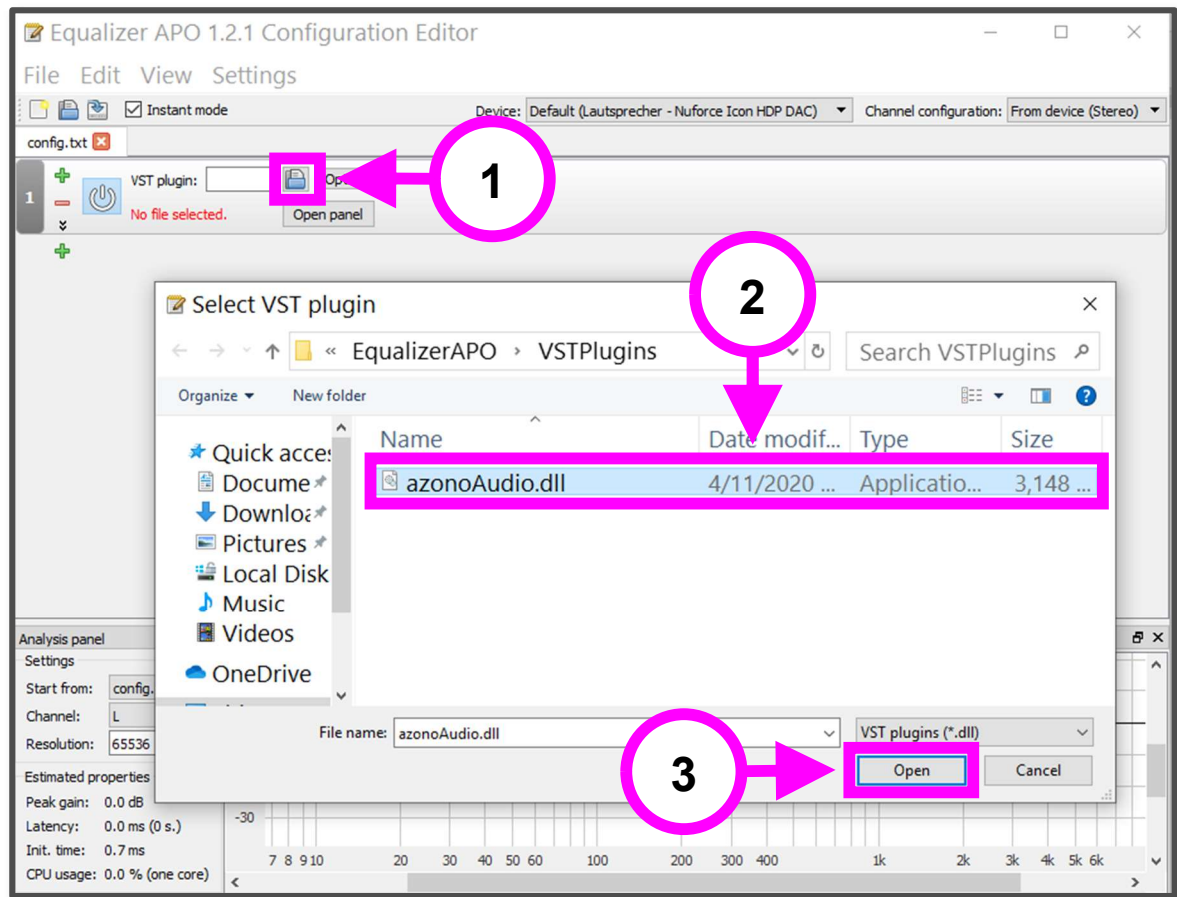
4. In the default setting, EqualizerAPO has audio plugins added. Since these plugins are not needed, remove them from the setting by clicking on the “remove” button.



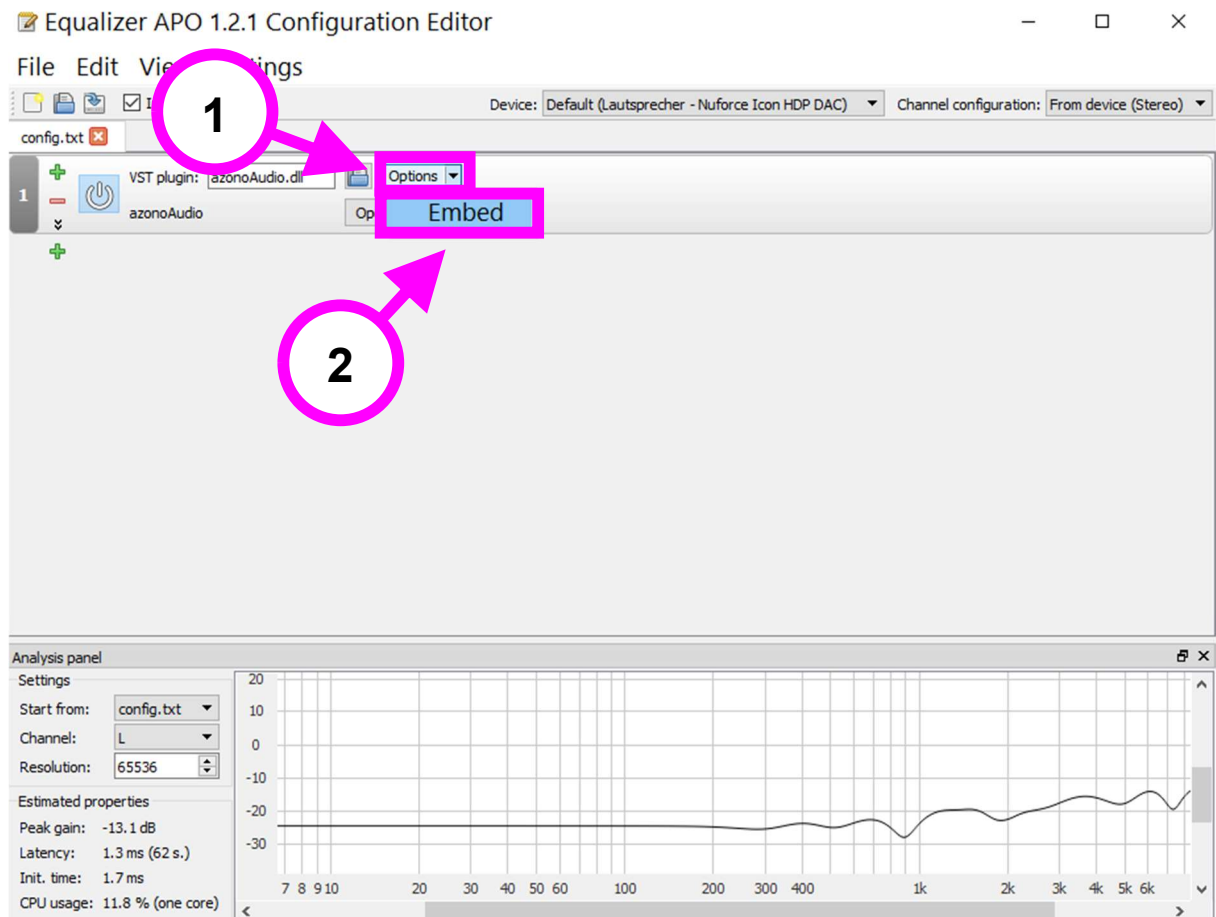
5. Add a new VST-plugin by clicking first on the “add” button and then choose “plugins -> VST plugin”



6. Add azonoAudio by first clicking on the “open file” button and then selecting “azonoAudio.dll” in the select VST plugin window.



7. azonoAudio will from now on process all your system sounds in default settings. To open the panel to adjust the settings, click on “Options -> Embed”. Congratulations, azonoAudio is now set up correctly and you can now start adjusting the system to your preferences.



4. Adjust azonoAudio

On the following page, the functions of azonoAudio are presented and suggestions to set it up correctly for you. You will find a good setting by listening to a song you know. All changes should be applied in real time.

1. Intensity of Compensation

This slider changes the amount of compensation. The higher the setting, the more the system will alter the sound. A setting of "0" means no hearing loss compensation.

For mild hearing losses values between 1-2 are recommended and higher values for more profound hearing losses.

2. Movie Mode

In movie mode loud sound events are smoothed so that the loudness of a movie is smoothed. To achieve the best sound quality for music, this setting should not be activated.

3. Gain

With this slider an additional gain can be applied. Please be aware that azonoAudio will anyway decrease the volume of your audio. Better use your system volume control in windows menu bar or potentiometer of your audio equipment.

4. Balance

With this slider the balance between the two speakers can be adjusted. This setting is useful for listeners with one sided hearing loss.

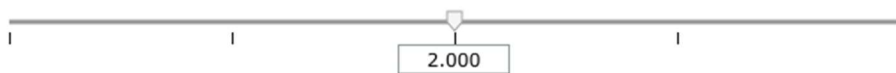
5. Mono Mode

When enabled, both channels get mixed. This setting is useful for listeners with one sided deafness.

azonoAudio

manual available at:
github.com/mariojuli/azonoAudio
contact: azono.Audio@outlook.com

Intensity of Compensation



Movie Mode

on



off

Gain



5.000 dB

Balance



0.000

Mono mode

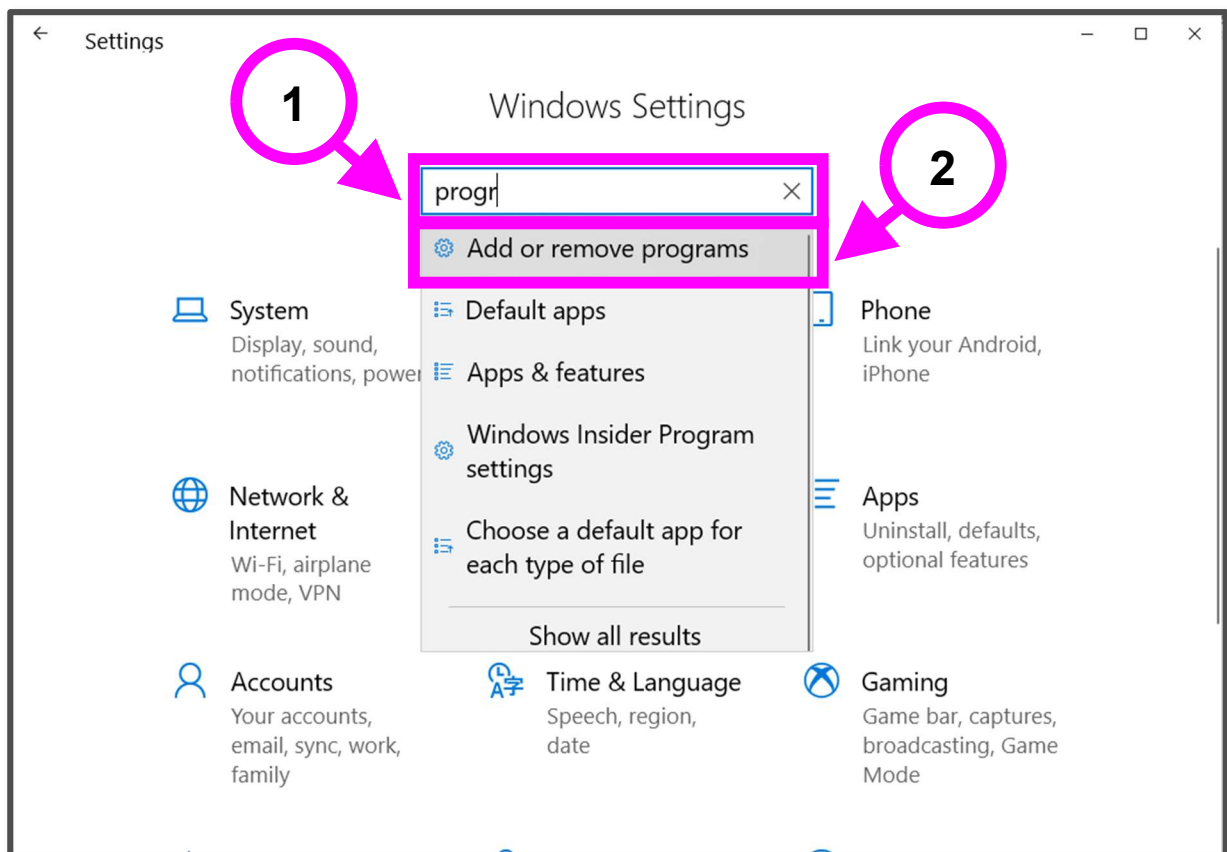
on



off

5. 4. Uninstall EqualizerAPO

If you want to remove azonoAudio from your computer, you just need to uninstall EqualizerAPO. Start the process by opening the windows settings and search for “programs”. Click to option “add or remove programs”.



The window “apps & features” will open. Search now for “equalizer” in your list of installed programs. Choose EqualizerAPO and click uninstall. Now the process will start, click through the uninstallation process. The computer will restart and after that EqualizerAPO is successfully uninstalled.

