



Harmonic Maximizer

(AAX, AU, CLAP, VST2, VST3)

produced by Luca Capozzi (Audiority Srls), October 2016

Current Manual version: v1.3

Harmonic Maximizer is a multi-band exciter and loudness shaping plugin that will make your tracks powerful and more alive.

Please, read carefully both product specifications and system requirements **before** purchasing any **Audiority** product.

Harmonic Maximizer

produced by Audiority, October 2016.

Credits

Code & DSP: Luca Capozzi (Audiority Srls), October 2016

GUI Design: Luca Capozzi

Published by Audiority Srls

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Specifications

- Multi-band Exciter
- Loudness Maximizer
- Auto Gain + Auto Release
- Saturation
- Blending

System Requirements

PC

- Windows 7 64bit or later
- Intel i5 or equivalent
- 4 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AU, CLAP 64-bit host
- PT11 or higher, AAX 64-bit host

MAC (Intel)

- OSX 10.13 or later
- Intel i5 or equivalent
- 4GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AU, CLAP 64-bit host
- PT11 or higher, AAX 64-bit host

MAC (Silicon)

- macOS 11.0 or later
- M1 or higher
- 4 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AU, CLAP 64-bit host
- PT11 or higher, AAX 64-bit host

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FILE LOCATIONS

Mac

All presets, license, IR files and settings are located in:
/Users/Shared/Audiority/

AAX, CLAP and VST plugins will be placed in their own Audiority sub-folder located in:

AAX: /Library/Application Support/Avid/Audio/Plug-Ins/Audiority
CLAP: /Library/Audio/Plug-Ins/CLAP/Audiority
VST: /Library/Audio/Plug-Ins/VST/Audiority
VST3: /Library/Audio/Plug-Ins/VST3/Audiority

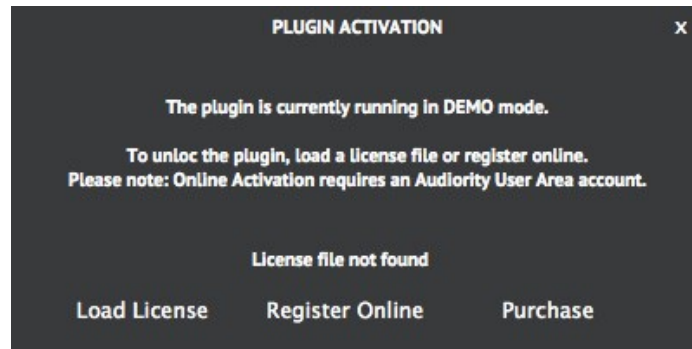
PC

All presets, license, IR files and settings are located to:
C:\Users\Public\Public Documents\Audiority

AAX, CLAP and VST plugins will be placed in their own Audiority sub-folder, usually located in:

AAX: C:\Program Files\Avid\Audio\Plug-Ins\Audiority
CLAP: {Your CLAP Path}\Audiority
VST: {Your VST Path}\Audiority
VST3: {Your VST3 Path}\Audiority

PLUGIN ACTIVATION



Once you install and open the plugin for the first time, it will be in **Demo Mode** until a license file is loaded. In Demo Mode the plugin will output 3 seconds of silence every minute.

You can activate the plugin either OFFLINE or ONLINE.

OFFLINE ACTIVATION

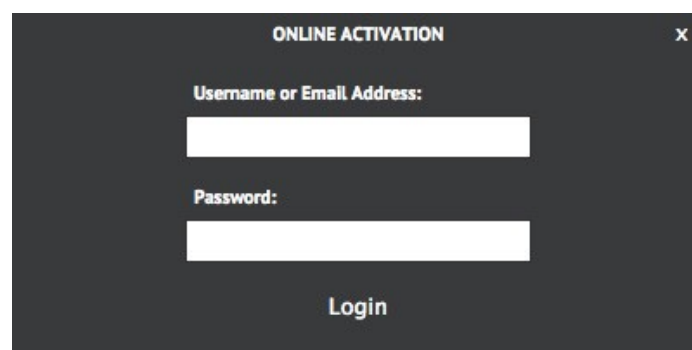
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

Then, to activate the plugin, click on the **Audiority** logo and select “**Register**”. The Registration window will pop up allowing you to load the license file you got while purchasing the plugin by clicking the “**Load License**” button. Alternatively, you can drag and drop the license file on the registration window.

NOTE: If you purchased the plugin from one of our dealers, please check the “**USER AREA AND REDEEM CODES**” section below.

ONLINE ACTIVATION

If you are registered to our User Area, then you can activate the plugin online.



Insert your Username (or email address), your password and click the “**Login**” button. The license file will be automatically delivered in your computer and the plugin will be activated.

USER AREA AND REDEEM CODES

If you purchased from one of our dealers, then you should have received an email with a redeem code. This code is required to deposit a license in your User Area account and let you download the license file or activate the plugin online.

If you don't have an User Area account yet, please follow these steps:

- 1) Go to <https://www.audiority.com/register> and fill out the signup form.

IMPORTANT: Please be sure to register with the **e-mail address you use for your purchases**, otherwise your products will not show. Since we use reCAPTCHA for registration only, please temporarily disable any ad blocker you are using.

Username

First Name

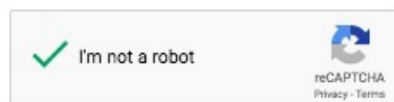
Last Name

Purchase E-mail Address

Password

Confirm Password

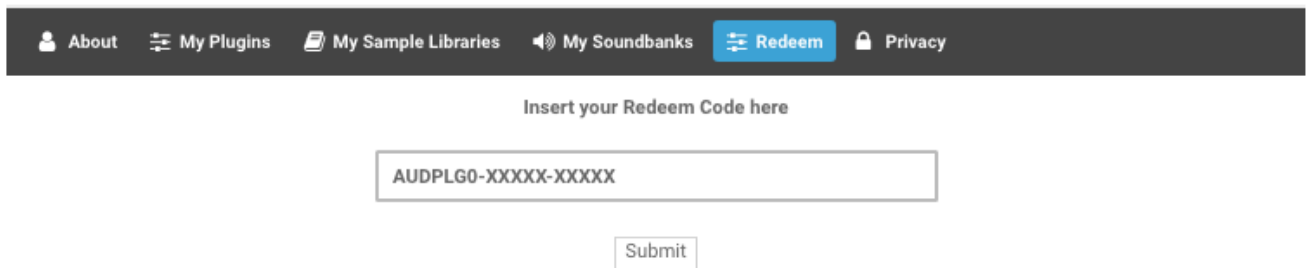
☒ I read and agree to the Privacy Policy and Terms of Use



Register

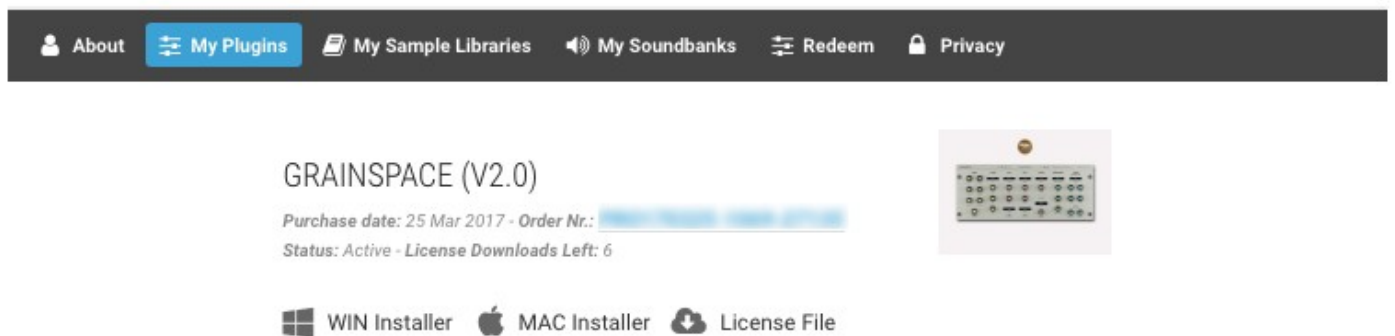
Login

2) Once registered, log in to your account by clicking the User Area section of our site. Click the **REDEEM** section of your account and paste the code you received via email from our dealer.



The screenshot shows a dark navigation bar at the top with links: About, My Plugins, My Sample Libraries, My Soundbanks, Redeem (highlighted in blue), and Privacy. Below the navigation bar, the text "Insert your Redeem Code here" is centered. Underneath is a text input field containing the code "AUDPLG0-XXXXX-XXXXX". Below the input field is a "Submit" button.

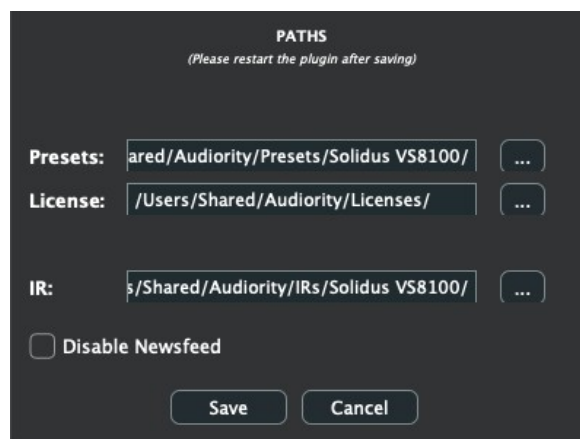
3) After submitting the code, a license will be deposited in your account and will be shown in “**MY PLUGINS**” section of your User Area.



The screenshot shows the 'MY PLUGINS' section of the user interface. The navigation bar at the top has 'My Plugins' highlighted. The main content area displays the 'GRAINSPACE (V2.0)' plugin. Below the plugin name, it shows the purchase date '25 Mar 2017', order number, and status 'Active - License Downloads Left: 6'. To the right is a small image of the plugin's interface. At the bottom, there are three download options: 'WIN Installer', 'MAC Installer', and 'License File' (which is highlighted).

4) Now you can click “License File” and save the license anywhere on your computer and ready to be loaded through the plugin registration window. You can also skip this part and activate your plugin online (see previous section of this manual).

USER PATHS SETTING



The screenshot shows a 'PATHS' settings window with a dark background. At the top, it says 'PATHS' and '(Please restart the plugin after saving)'. There are three rows of settings, each with a label, a text input field, and a browse button (...). The first row is 'Presets:' with the path 'ared/Audiority/Presets/Solidus VS8100/'. The second row is 'License:' with the path '/Users/Shared/Audiority/Licenses/'. The third row is 'IR:' with the path 's/Shared/Audiority/IRs/Solidus VS8100/'. Below these is a checkbox labeled 'Disable Newfeed'. At the bottom are 'Save' and 'Cancel' buttons.

By selecting “**Settings**” from the logo menu, you can change the path for **Presets**, **License** and **IR** folders. You can also disable our Newfeed from here.

Note: Please do not move the **Settings** folder from its default location.

PLUGIN PARAMETERS



TOOLBAR

The Toolbar allows you to manage the plugin presets, register the plugin and set some global parameters.

Click the **AUDIORITY** logo, in the top left corner of the Toolbar, to visit our website and social profiles, register the plugin, change the interface size and customize the paths for license and preset files. The **HQ** button will enable oversampling, useful to reduce aliasing when the signal saturates. Use the **Randomize** and **Reset** buttons to experiment with random presets or restoring it to its saved version. The **NOTIFICATIONS** (bell) icon will show you when a new update is available and other relevant news and offers.

PARAMETERS

INPUT SECTION

Input Meter	Incoming signal volume
Dry Gain	Adjust the input gain

EXCITER SECTION

Low	Frequency Range: 20Hz ~ 250Hz Gain Range: 0dB ~ 24dB
LoMid	Frequency Range: 250Hz ~ 500Hz Gain Range: 0dB ~ 24dB
Mid	Frequency Range: 500Hz ~ 2000Hz Gain Range: 0dB ~ 24dB
HiMid	Frequency Range: 2000Hz ~ 4000Hz Gain Range: 0dB ~ 24dB
Presence	Frequency Range: 4000Hz ~ 6000Hz Gain Range: 0dB ~ 24dB
High	Frequency Range: 6000Hz ~ 12000Hz Gain Range: 0dB ~ 24dB

MAXIMIZER SECTION

Drive	Saturation drive amount
Push	Maximizer amount
Blend	Mix between dry and wet signal
Output	Output gain (when Push is 0) / Maximizer ceiling
Output Meter	Output signal volume with gain reduction meter in the middle.

OPERATIONAL NOTE: When increasing the **Push** parameter you are lowering the maximizer threshold while increasing the make-up gain. Adjust the **Dry Gain**, **Push** and **Output** to the sweet spot for your tracks.

CHANGELOG

v1.3 (Oct 2023)

- NEW: Framework update
- NEW: CLAP plugin format
- NEW: AAX Native Silicon
- FIX: Mac installer was asking for Rosetta on Silicon Macs
- FIX: Windows installer could erase User folder when updating

v1.2 (February 2021)

- NEW: Framework update with updated paths
- NEW: HQ Mode
- NEW: Newsfeed
- NEW: VST3 Plugin Format
- NEW: Universal 2 Binary (Mac Intel + Silicon)
- NEW: Retina display support
- FIX: Silence triggered randomly in some configurations
- FIX: New oversampling class
- BREAKING CHANGE: Dropped 32bit version

v1.1.2 (September 2018)

- FIX: Presets not scrolling

v1.1.1 (March 2018)

- FIX: Plugin state not correctly recalled on Bitwig and Sonar Platinum
- New presets menu

v1.1 (July 2017)

- NEW: HQ Mode (4x polynomial oversampling)
- Improved meters

v1.0.2 (November 2016)

- FIX: Drive emphasis frequency response
- FIX: Drive not working at high sample rates
- FIX: Improved knobs resolution
- FIX: Performance improvements

v1.0.1 (October 2016)

- FIX: Wrong parameters on init and sample rate change

v1.0 (October 2016)

- Original release

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Transfer Fee can be found at this address <https://www.audiority.com/faq/#1509113035751-cec03c9c-5c77>

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Last updated on Jan 25th, 2023

Thank You

We wanna thank you for buying **Audiority Harmonic Maximizer** plugin.

We hope you will enjoy it as much as we did.

If you have any question, concerns, technical issues or even for just say 'Hello', get in touch with us at:

info@audiority.com

or checkout our site at www.audiority.com

Cheers,
Luca

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