



Pyros

(VST2, VST3, AU, AAX)

produced by Luca Capozzi (Audiority Srls), Feb 2022

Current Manual version: v2.1

Pyros is a collection of aggressive saturation, distortion and mangling effects ideal to destroy and shape your sound in a unique way.

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

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Pyros

produced by Audiority, Feb 2022.

Credits

Code & DSP: Luca Capozzi (Audiority Srls), Feb 2022

GUI Design: Luca Capozzi

Published by Audiority Srls

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Specifications

- 20 Algorithms
- Pre Distortion LF Cut
- Input Biasing
- Bipolar Feedback
- Bipolar Envelope Follower
- Hard / Soft clipping
- Input / Output / Mix controls
- Input / Output metering
- Resizable interface

System Requirements

PC

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

MAC (Intel)

- OSX 10.8 or later
- Intel i5 or equivalent
- 2 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AU 64-bit host
- PT11 or higher, AAX 64-bit host

MAC (Silicon)

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

FILE LOCATIONS

Mac

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

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

AAX: /Library/Application Support/Avid/Audio/Plug-Ins/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

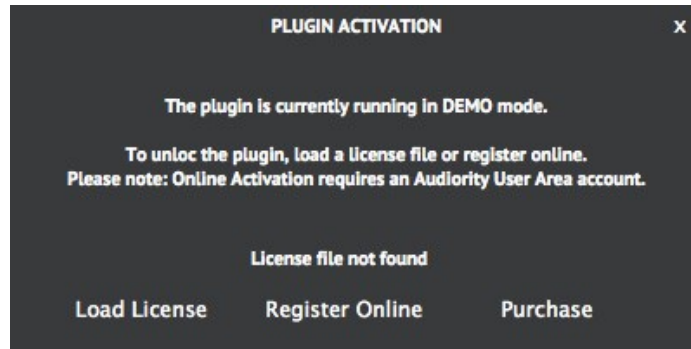
AAX and VST plugins will be placed in their own Audiority sub-folder, usually located in:

AAX: C:\Program Files\Avid\Audio\Plug-Ins\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

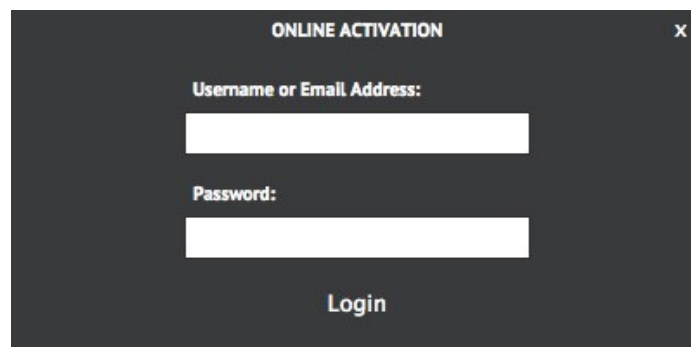
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

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

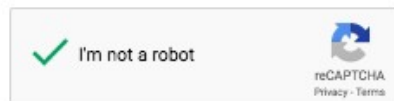
Last Name

Purchase E-mail Address

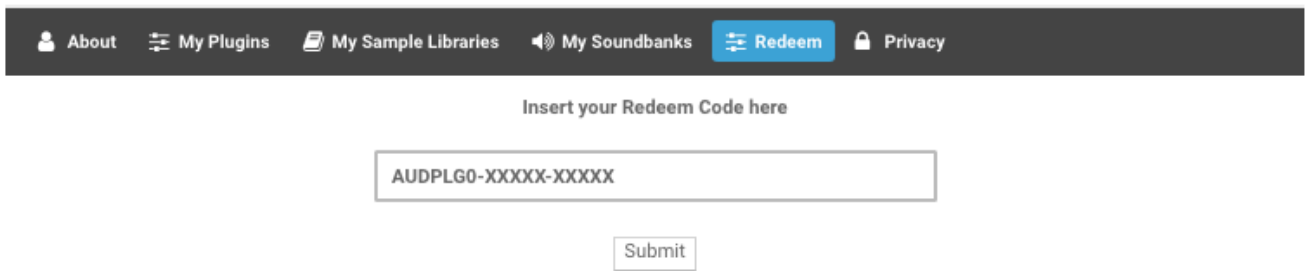
Password

Confirm Password

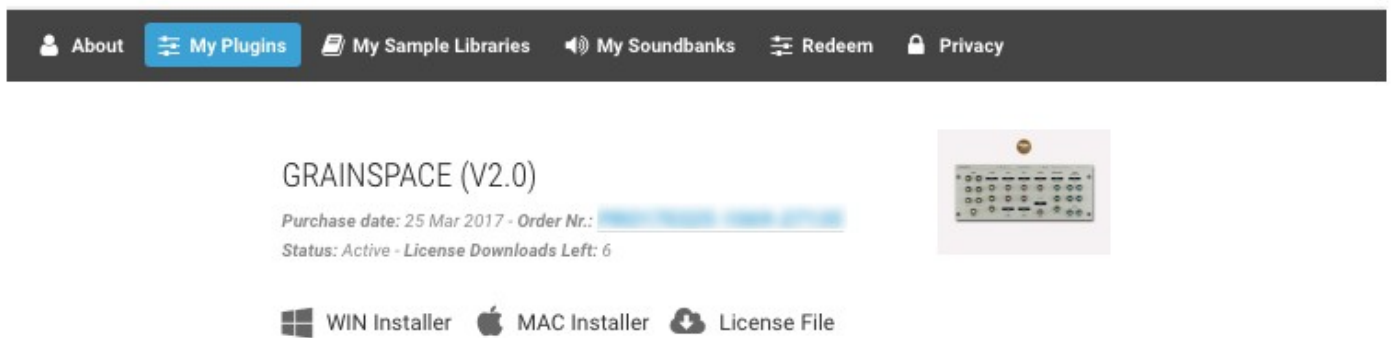
I read and agree to the Privacy Policy and Terms of Use



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.

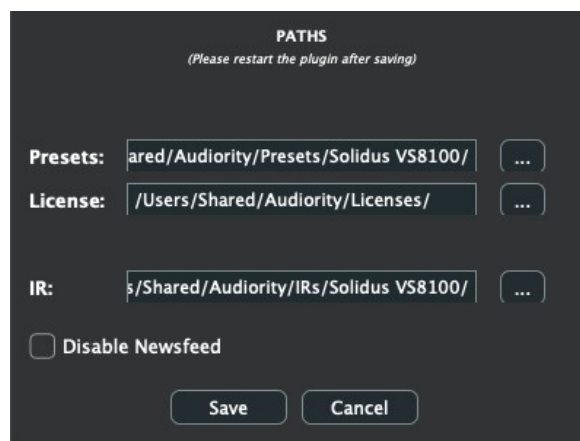


3) After submitting the code, a license will be deposited in your account and will be shown in “**MY PLUGINS**” section of your User Area.



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



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

By clicking the **AUDIORITY** logo, in the top left corner of the Toolbar, you'll be able 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. Press **CTRL+DOUBLE CLICK** on any knob to manually assign a new value.

PARAMETERS

LF CUT	Cuts the low frequencies from the input signal
PARAM 1 & 2 (DRIVE and STRENGTH)	These parameter changes according to the selected algorithm.
TONE	Frequency cut. Move clockwise to cut the low end or counterclockwise to cut the high end.
CLIPPING (HARD / SOFT)	Switch between HARD (digital) clipping and SOFT (tube-like) clipping
ENV AMT	Adjust the amount of control signal modulating PARAM 1 (DRIVE). Use this to create a dynamic distortion
ENV REL	Adjust the envelope follower release time.
BIAS	Adjust the input signal biasing. Change this parameter to get asymmetrical distortions
SHAPER CARD	Opens the algorithm selection table.
FEEDBACK	Adjust the amount of signal going back to the input. Positive feedback will increase the low end response, while negative feedback will provide a grittier sound.

PREAMPLIFIER PARAMETERS

INPUT / OUTPUT TRIM	Pre/Post effect gain
INPUT/OUTPUT METER TRIM	Adjust the 0VU reference level of the VU Meter. By default the meters are calibrated to -18dB, leaving plenty of headroom for further processing.
MIX	Dry/wet signal mixer.

RESIZING CONTROLS (Audiority logo menu)

Small / Default / Big Size	Reduce, reset or increase the size of the plugin interface.
Resizing Corner	You can resize from the bottom right corner of the GUI

RIGHT-CLICK OPTIONS

PARAMETER LOCKING: Each one of the knobs and the optical card menus can be locked so it won't change its value. This is very useful when you load the plugin on an AUX/SEND channel. To lock a knob, simply **RIGHT CLICK** it and select **LOCK PARAMETER**.

Algorithms

Pyros comes with 20 different shaping algorithms. Use this table as quick reference.

NAME	POWER	DESCRIPTION
A Rebus	🔥🔥🔥	The original algorithm, formerly known as The Abuser.
Crush	🔥🔥🔥🔥	Raw bit crushing
Diode Ge	🔥🔥🔥🔥	Germanium diode clipper
Diode Si	🔥🔥🔥	Silicon diode clipper
Dither DAC	🔥🔥🔥🔥🔥	Dithered bit crushing
Filth	🔥🔥🔥🔥	Inverse square root distortion
Fold	🔥🔥🔥🔥🔥	Foldback distortion
Fuzzy	🔥🔥🔥🔥	Asymmetrical distortion
Hyperbolic	🔥🔥🔥	Hyperbolic saturation
Knee	🔥🔥🔥	Variable knee saturation
Overflow	🔥🔥🔥🔥	Foldback distortion
Rectifier	🔥🔥🔥🔥	Full wave rectifier
Reduce	🔥🔥🔥🔥🔥	Decimator
Ring Mod	🔥🔥🔥	Distorted ring modulation
Saturation 1	🔥🔥	Mild saturation
Saturation 2	🔥	Gentle saturation
Sine	🔥🔥🔥🔥🔥	Sine waveshaper
Soft Fold	🔥🔥🔥	Soft wave folder
Tight	🔥🔥🔥	Tape-ish saturation
Warm	🔥🔥🔥	Warm soft saturation

CHANGELOG

v2.1 (Mar 2022)

- FIX: Frequency shift when HQ mode is enabled
- BREAKING CHANGE: New plugin name (was The Abuser mkII)
- BREAKING CHANGE: GUI color changed

v2.0 (Feb 2022)

- NEW: Updated framework
- NEW: Reworked GUI
- NEW: Persistent GUI settings (via Settings option)
- NEW: LF Cut parameter (before distortion)
- NEW: Bias parameter
- NEW: Input / Output / Mix controls
- NEW: Vector Toolbar
- NEW: Corner resizer
- NEW: More algorithms
- NEW: More presets
- NEW: Drag and Drop license file on registration window
- FIX: Improved Licenser and Online Activation
- CHANGE: Envelope Amount is now bipolar
- CHANGE: Feedback is now bipolar
- CHANGE: Fizz renamed as Hard/Soft Clip
- BREAKING CHANGE: Improved licenser requires a new activation

v1.6 (July 2021)

- NEW: Universal 2 Binary for Apple Silicon Macs
- CHANGE: Framework update

v1.5.2 (June 2020)

- FIX: Parameters slowdown
- FIX: Silence triggered randomly in some configurations

v1.5.1 (November 2019)

- FIX: Plugin working only on stereo channels

v1.5 (November 2019)

- NEW: Mac OSX Catalina support
- NEW: VST3 plugin format
- NEW: Fuzzy algorithm
- NEW: Notifications system
- BREAKING CHANGE: Dropped 32bit support

v1.4 (September 2018)

- FIX: Noise when bypassed in some DAWs
- FIX: Menus getting keyboard focus
- FIX: Scrambled preset names on High Sierra
- FIX: Installer issues on High Sierra
- FIX: Buttons not automating
- IMP: Reduced file size
- IMP: Framework update

v1.3.1 (October 2016)

- FIX: Env Follower not correctly recalled on preset change and sample rate change.

v1.3 (October 2016)

- NEW: New Framework
- NEW: HQ Mode (4x Oversampling)
- NEW: 10 Waveshaping Modes
- NEW: More presets
- FIX: Automations now report correct values (no more 0-1)

v1.2 (February 2015)

- AAX 32/64 bit support

v1.1 (December 2014)

- Feature: Feedback knob

v1.0 (November 2014)

- Original release

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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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