



# Octaver 82

(AAX, AU, CLAP, VST2, VST3)

produced by Luca Capozzi (Audiority Srls), May 2021

**Current Manual version:** v1.2

**Octaver 82** is an analog modeled simulation of the classic \*BOSS® Octave OC-2™, analog monophonic octaver stompbox introduced in the early 80s and sought after many guitar and bass players.

This pedal is used to fatten up the instrument signal by adding two pitched down tones (1 and 2 octaves below the original one).

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

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# Octaver 82

produced by Audiority, May 2021.

## Credits

Code & DSP: Luca Capozzi (Audiority Srls), May 2021

GUI Design: Luca Capozzi

Published by Audiority Srls

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## Specifications

- Two Octave down controls
- Pre and Post effect gain
- Mix control
- Detector Tracking
- 7 different pedal circuits
- Resizable interface

## 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

## 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

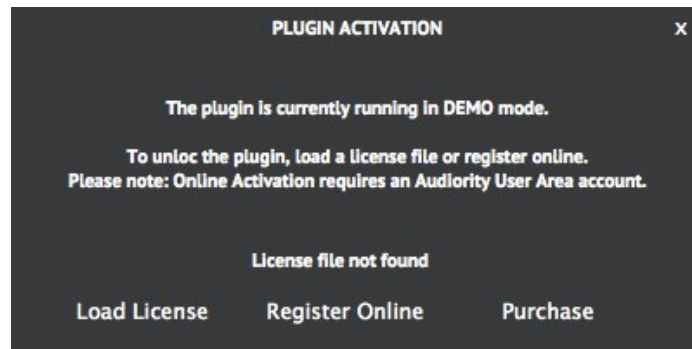
### PC

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

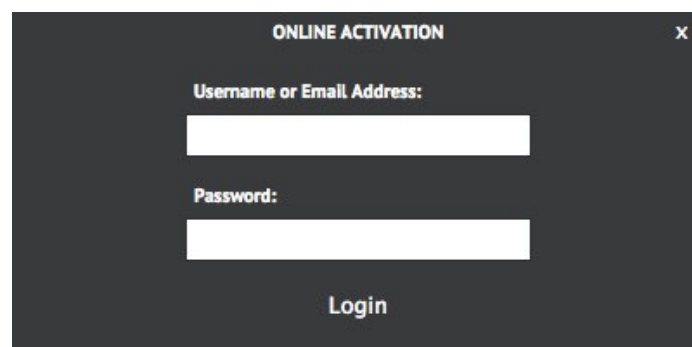
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

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**

Heisenberg58

**First Name**

Walter

**Last Name**

White

**Purchase E-mail Address**

w.white@pollos.com


**Password**

\*\*\*\*\*

**Confirm Password**

\*\*\*\*\*

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

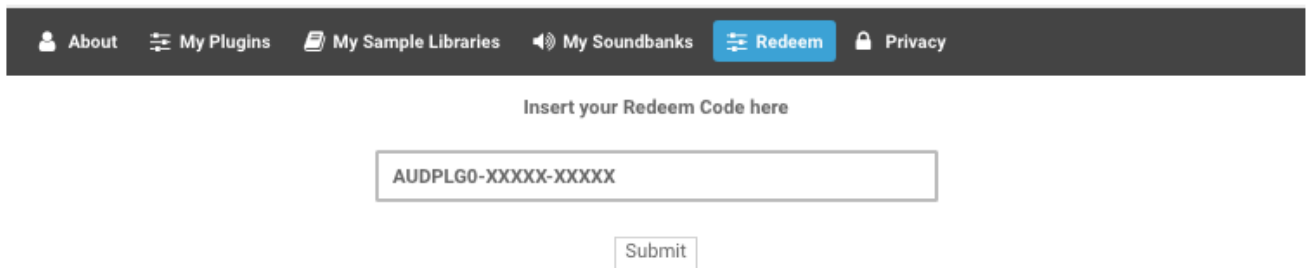
 I'm not a robot



Register

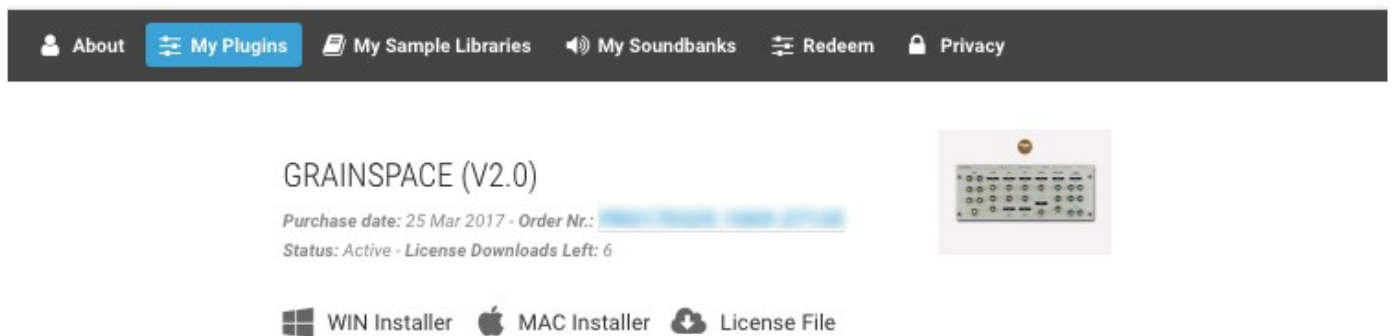
Login

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 website's top navigation bar with links: About, My Plugins, My Sample Libraries, My Soundbanks, Redeem (highlighted in blue), and Privacy. Below the navigation bar, there is a text input field labeled "Insert your Redeem Code here" containing the code "AUDPLG0-XXXXX-XXXXX". Below the input field is a "Submit" button.

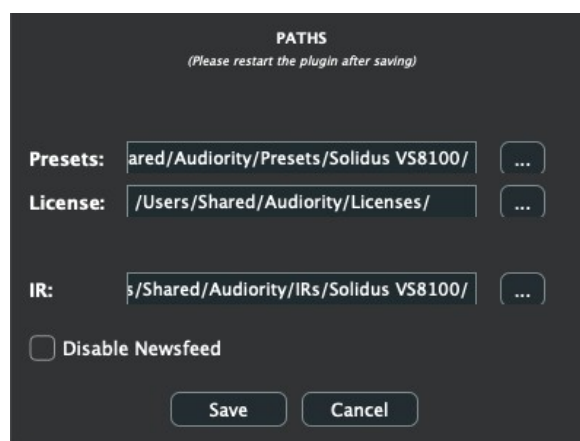
3) After submitting the code, a license will be deposited in your account and will be shown in “**MY PLUGINS**” section of your User Area.



The screenshot shows the "My Plugins" section of the website. The navigation bar is the same as in the previous screenshot, but "My Plugins" is now highlighted. The main content area displays details for "GRAINSPACE (V2.0)". It includes 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. Below the details 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. It has a title bar "PATHS" and a subtitle "(Please restart the plugin after saving)". There are three text input fields with "..." buttons to their right: "Presets:" with the path "ared/Audiority/Presets/Solidus VS8100/", "License:" with the path "/Users/Shared/Audiority/Licenses/", and "IR:" with the path "s/Shared/Audiority/IRs/Solidus VS8100/". Below these fields is a checkbox labeled "Disable Newsfeed". 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 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.

### PARAMETERS

<b>DIRECT LEVEL</b>	Controls the dry signal volume.
<b>OCT 1 / OCT 2</b>	Controls the volume of the synthetic octave-down signals. These two controls change according to the selected circuit type. Check next paragraph for more details

### GLOBAL CONTROLS (Footer)

<b>TYPE</b>	Switch between different circuit models. Check next paragraph for more details.
<b>TRACK</b>	Changes the response of the detector filters.
<b>IN</b>	Pre effect gain.
<b>OUT</b>	Post effect gain.
<b>MIX</b>	Dry/wet signal mixer.

### RESIZING CONTROLS (Audiority logo menu)

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

## Circuit Types (MODS)

We implemented different versions of the pedal circuit, each one with different tonal characteristics.

### DEFAULT

Our first circuit version follows the original schematic including some measurements done to the hardware.



### DRIVE

The Oct 2 circuit becomes an overdrive placed after the Dry and Oct 1 signals.



### ENV SYNTH

Oct 2 is bypassed and now sets the amount of an envelope follower controlling the filters of the Oct 1 circuit. Like in the original circuit, the octave down signal runs in parallel with the dry signal.





### OCTA FILTER

A funkier version of the previous circuit: Oct 2 is bypassed and now sets an envelope follower controlling the filters of the second octave down. This filter process BOTH the dry and the octave down signal.



### POLY

This mod replaces the entire circuit with a polyphonic octaver.



### RAW SYNTH

This mod outputs the unfiltered octaves, resulting in a very raw and aggressive tone.



## SYNTH

This version outputs a way less filtered version of Oct 1, resulting in a more aggressive tone.



### **IMPORTANT**



This plugin, like the original pedal, is monophonic. Chords will play totally scrambled!  
The technique used to make this pedal is very primordial, yet very innovative for the times.  
That's why clean and precise playing is very important to get the best results.

# CHANGELOG

## **v1.2** (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

## **v1.1** (May 2022)

- NEW: Framework update
- NEW: Poly mode
- NEW: Persistent GUI settings (via Settings option)
- NEW: Drag and Drop license file on registration window
- NEW: Shift+Double Click to set knob value manually
- FIX: OCT2 out of phase

## **v1.0.3** (July 2021)

- FIX: Rare condition where licenses get invalidated

## **v1.0.2** (June 2021)

- FIX: Loss of treble when disabling HQ mode

## **v1.0.1** (May 2021)

- FIX: Harsh artefacts on Drive mode
- FIX: Sudden phase mismatch between channels

## **v1.0** (May 2021)

- 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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Cheers,  
Luca

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