



Chorus Ensembler

(AAX, AU, CLAP, VST2, VST3)

produced by Luca Capozzi (Audiority Srls), June 2022

Current Manual version: v1.1

The **Chorus Ensembler** is a faithful simulation of the Boss® CE-1™, a mid 70's BBD chorus and vibrato pedal. This is the first product Roland® marketed as Boss®, becoming one of the most sought after pedals thanks to its warm and organic character.

Compared to the classic version where, in stereo mode, the chorus is split between dry (left channel) and wet (right channel), our Chorus Ensembler goes further by providing a STEREO switch allowing full chorus on both channels.

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

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Chorus Ensembler

produced by Audiority, June 2022.

Credits

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

GUI Design: Luca Capozzi

Published by Audiority Srls

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Specifications

- BBD Analog Chorus/Vibrato simulation
- Chorus Intensity
- Vibrato Rate and Depth
- Input Impedance
- Preamp only/Effect operative modes
- Tempo Sync
- Classic or Full Stereo modes
- Stereo Spread
- Pre and Post effect gain
- Mix control
- 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 10.9 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

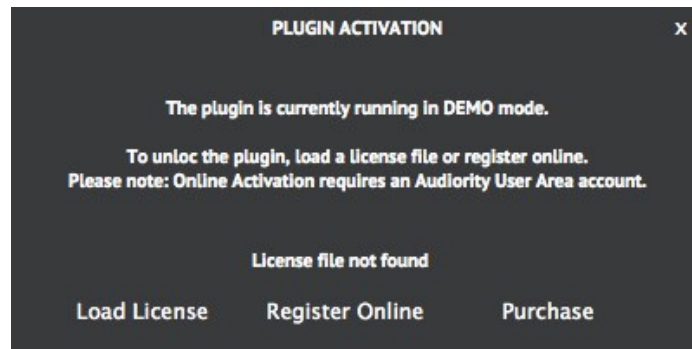
PC

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

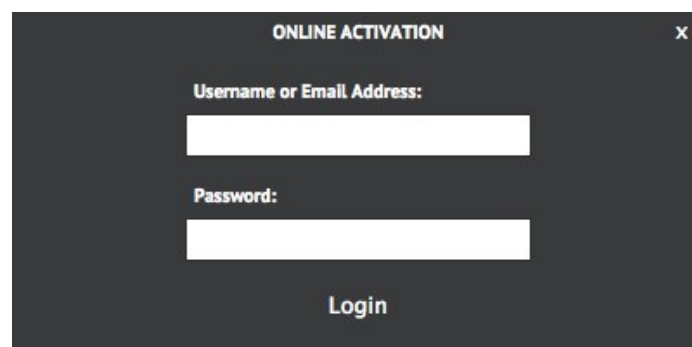
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

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

First Name

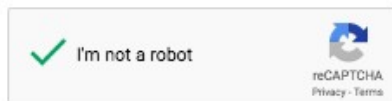
Last Name

Purchase E-mail Address

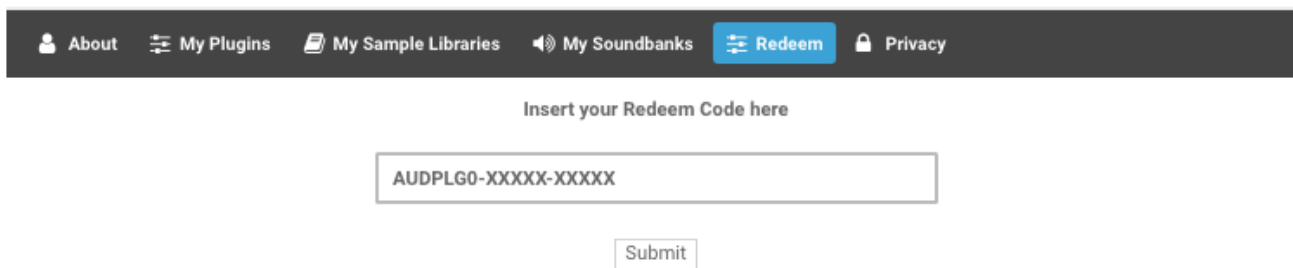
Password

Confirm Password

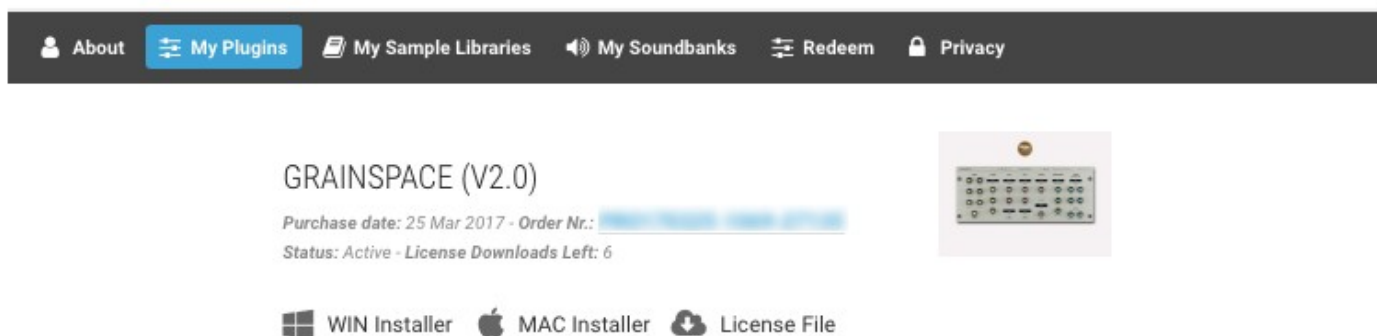
I read and agree to the Privacy Policy and Terms of Use



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.

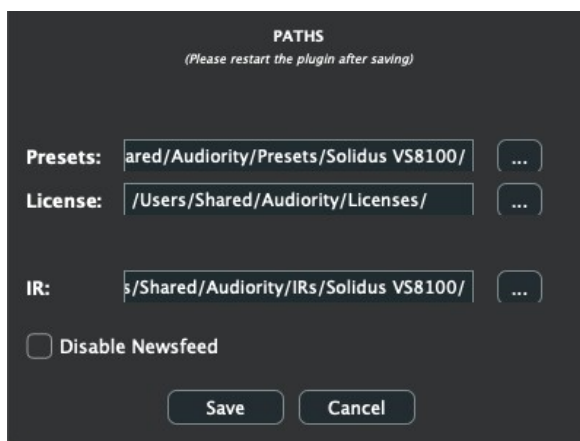


3) After submitting the code, a license will be deposited in your account and will be shown in “**MY PLUGINS**” section of your User Area.



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 **SHIFT+DOUBLE CLICK** on any knob to manually assign a new value.

PARAMETERS

INPUT IMPEDANCE (HIGH/LOW)	Sets the preamp section of the pedal. Keep it on HIGH for general use. Switch to LOW to engage a mic preamp boosting the signal by +23dB
LEVEL CONTROL	Adjusts the input signal level
CHORUS INTENSITY	Adjusts the speed and depth of the chorus modulation
VIBRATO DEPTH	Adjusts the depth of the vibrato modulation
VIBRATO RATE	Adjusts the speed of the vibrato modulation
POWER	Turns the entire effect on and off. Use this as a full bypass
EFFECT MODE (NORMAL/EFFECT)	Switch between preamp only (NORMAL) and effect modes. Use this to disable the modulation by keeping the warmth and character of the pedal
CHORUS/VIBRATO	Switch between the two effects
LEFT LED	Peak level indicator. It starts blinking when the signal saturates
RIGHT LED	In EFFECT mode, blinks according to the modulation speed. In NORMAL mode is always on.

GLOBAL CONTROLS (Footer)

VINTAGE MODE	The original hardware saturates pretty quickly, but sometimes you don't want that. Use this to set the plugin behave like the original hardware (VINTAGE) or have a cleaner version (MILD) or a modern unsaturated version (CLEAN). NOTE FOR v1.0 USERS: The option MILD is equal to VINTAGE OFF on v1.0
STEREO	Sets the plugin as full stereo, with full chorus on both channels. Keep this off if you want to replicate the ORIGINAL stereo behaviour of the pedal (dry and wet split across the channels).
SYNC	Syncs the modulation speed to the host
INPUT / OUTPUT	Pre/Post effect gain
MIX	Dry/wet signal mixer
SPREAD	Widen the stereo image by shifting the BBD speed. Won't have any effect when the plugin is on a mono track. This control shows up only if STEREO is enabled.

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: Each one of the knobs 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**.

CHANGELOG

v1.1 (Jan 2023)

- NEW: Updated Framework
- NEW: CLAP plugin format
- NEW: AAX Native Silicon
- NEW: Clean mode
- CHANGE: Vintage mode is now a three-way selector

v1.0 (Jun 2022)

- Original release

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Last updated on Jan 25th, 2023

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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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