Solidus Randy 250 – Solid State Amplifiers

(AAX, AU, CLAP, VST2, VST3)

produced by Luca Capozzi (Audiority Srls), October 2020

Current Manual version: v1.2

Solidus Randy 250 is an analog simulation of the Randall® RG100ES (late '80s) and RH150 (late '00s) solid state amplifiers.

The RG100ES head, produced in the late 80s, has been a remarkable amplifier that defined the sound of some of the greatest metal bands of that time, while the RH150 is a more modern rendition with much more gain. Both amplifiers are renowned for their huge low end and crushing gain.

Integrated cabinet provided by Dr Bonkers Sound Lab, Eddie Scharr, Redwirez and Seacow Cabs
https://www.drbonkerssoundlab.com/
https://www.redwirez.com/
https://seacowcabs.wordpress.com/

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

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Solidus Randy 250 – Solid State Amplifiers

produced by Audiority, October 2020.

Credits

Code & DSP: Luca Capozzi (Audiority Srls), October 2020
GUI Design: Luca Capozzi
Cabinet IR: Dr Bonkers Soundlab; Eddie Scharr; Redwirez; Seacow Cabs
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Specifications

- Analog Modelled Solid State Amplifiers
- RG: 2 Channels (Green/Red)
- RG: Overdrive Channel Boost
- RH: 2 Channels (Clean/Overdrive)
- RH: Clean Channel Boost
- RH: Overdrive Channel Dual Gain
- Noise Gate
- Wild Drive
- EQ Duo (6 Band EQ → 3 Band Parametric EQ/Booster)
- Post Amp 5 Band Equalizer
- Integrated Dual Cabinet Simulator
- 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

INDEX

FILE LOCATIONS 4

ARTIST PRESETS 4

PLUGIN ACTIVATION 5

USER AREA AND REDEEM CODES 6

USER PATHS SETTING 7

PLUGIN PARAMETERS – RG AMP PAGE 8
- TOOLBAR 8
- PARAMETERS 8
  - GLOBAL PARAMETERS 8
  - RED / GREEN CHANNEL 8

PLUGIN PARAMETERS – RH AMP PAGE 9
  - CLEAN CHANNEL 9
  - OVERDRIVE CHANNEL 9
  - GLOBAL PARAMETERS 9

PLUGIN PARAMETERS – EQ DUO PAGE 10
  - 6 BAND EQ PARAMETERS 10
  - 3 BAND PARAMETRIC EQ/BOOST PARAMETERS 10

PLUGIN PARAMETERS – NOISE GATE PAGE 11
  - GATE PARAMETERS 11

PLUGIN PARAMETERS – OVERDRIVE 12
  - OD PARAMETERS 12

PLUGIN PARAMETERS – OUT EQ PAGE 13
  - OUT EQ PARAMETERS 13

PLUGIN PARAMETERS – CAB DUO PAGE 14
  - CAB LOADER PARAMETERS 14

CHANGELOG 15

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:

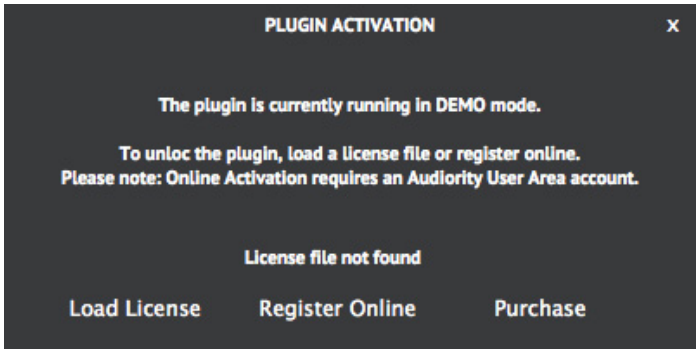
AAX: C:\Program Files\Avid\Audio\Plug-Ins\Audiority
CLAP: {Your CLAP Path}\Audiority
VST: {Your VST Path}\Audiority
VST3: {Your VST3 Path}\Audiority

ARTIST PRESETS

Along with the Factory presets, we included an Artists folder with presets made by our partners. The suffix at the end of the filename are the author's initials.

Name	Suffix
Dr Bonkers SoundLab	DBS
Davide Pepi	DP
Eddie Scharr	ES
Johan Lund	JL
Scott Elliott	SE

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

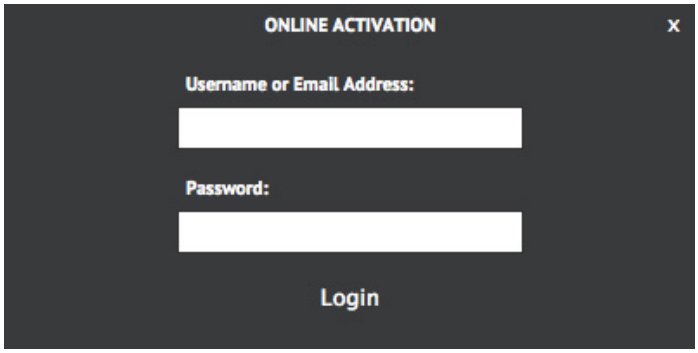
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

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.



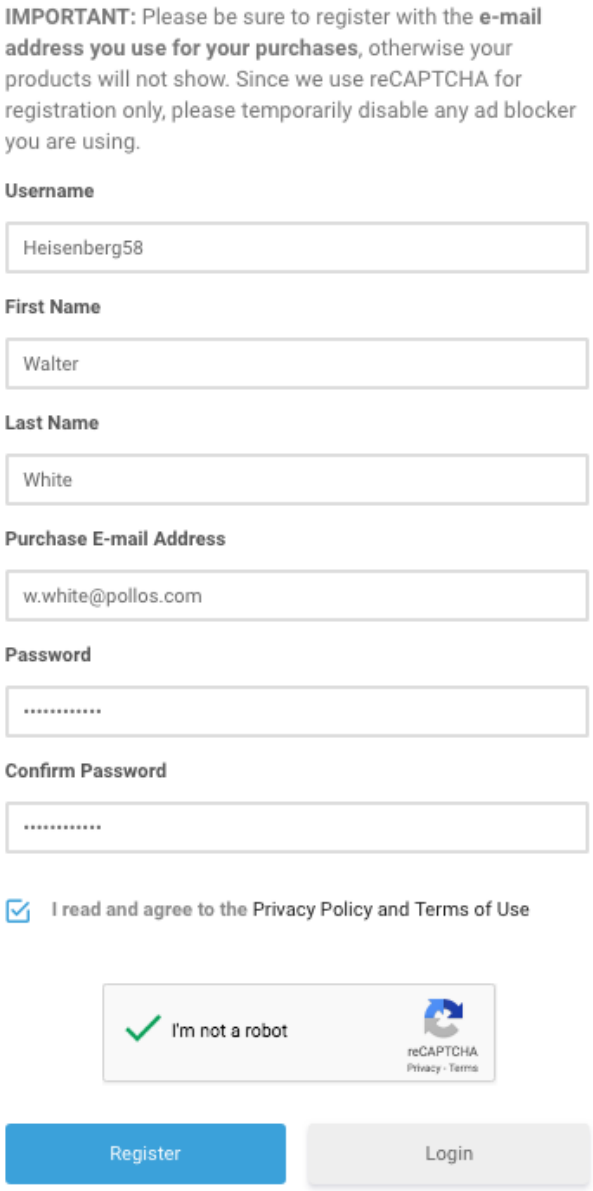
Insert your Username (or email address), your password and click the "**Login**" button. The license file will be automatically delivered in your computer and the plugin will be activated.

USER AREA AND REDEEM CODES

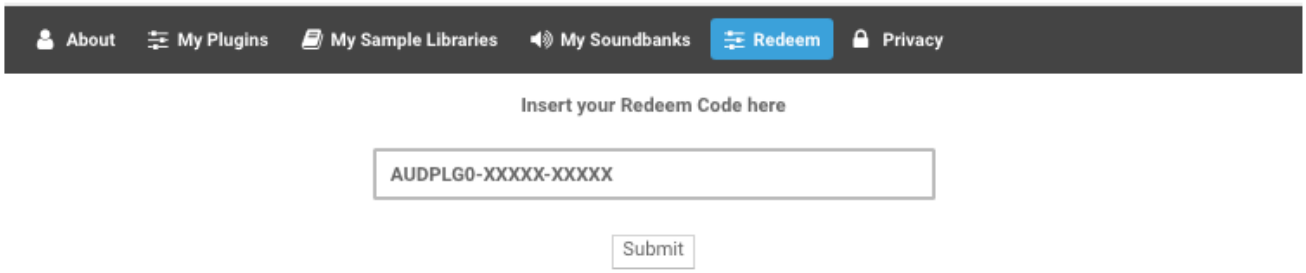
If you purchased from one of our dealers, then you should have received an email with a redeem code. This code is required to deposit a license in your User Area account and let you download the license file or activate the plugin online.

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

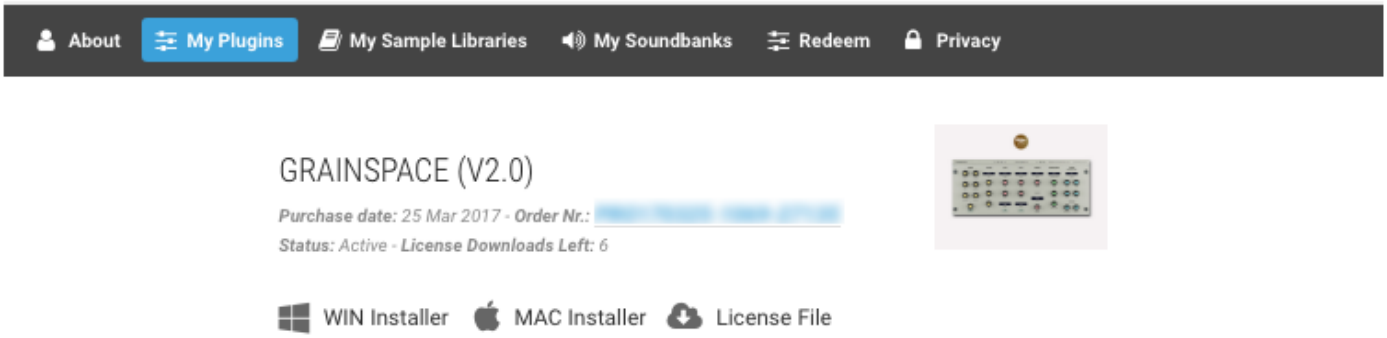
1) Go to https://www.audiority.com/register and fill out the signup form.



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.

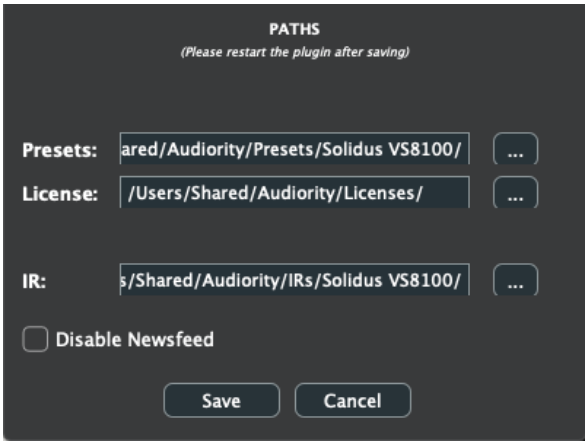


3) After submitting the code, a license will be deposited in your account and will be shown in "**MY PLUGINS**" section of your User Area.



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 – RG AMP PAGE

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, switch between Bright/Dark modes 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

GLOBAL PARAMETERS

IN / OUT	Adjust the volume of the signal before and after the chain.
EQ DUO / GATE / OD / AMP / OUT EQ / CAB	Left click: switch to the related effect page Right click: enable/disable the effect (same as the power switch)

RED / GREEN CHANNEL

GAIN	Adjust the amount of gain applied to the channel.
MASTER	Adjusts the main output volume of the channel.
PRESENCE / TREBLE / MIDDLE / BASS	Tone stack controls for the both channels.
REVERB	Adjust the amount of reverb added to the channel.
CH1 / CH2 SWITCH	Switch between the Clean (Green) and Overdrive (Red) channels.
CH2 SUSTAIN SWITCH	Enable an additional clipping stage, increasing the amount of distortion.
SWAP BUTTON	Switch between the RG and RH amplifier models.

POWER	Sets the amplifier on/off.

PLUGIN PARAMETERS – RH AMP PAGE

CLEAN CHANNEL

LEVEL	Adjust the amount of gain applied to the channel.
REVERB	Adjust the amount of reverb added to the channel.
TREBLE / MIDDLE / BASS	Tone stack controls for the Clean channel
BOOST BUTTON	Doubles the amount of gain provided to the signal.

OVERDRIVE CHANNEL

GAIN 1 / GAIN 2	Adjust the amount of gain applied to Overdrive channel.
GAIN SELECT BUTTON	Switch between the two different gain sections.
TREBLE / MIDDLE / BASS	Tone stack controls for the Boost channel.
VOICING	Sets the MID center frequency to a lower value. Enable this to get a more scooped tone.
SWEEP	Adjusts the frequency of the MID tone stack filter. Setting this knob lower will produce stronger low mid-frequencies and turning the knob up will continue to move the mid-range to higher frequency. Start with a setting of 5,until you find your desired setting.

GLOBAL PARAMETERS

CH SELECT SWITCH	Switch between the Clean and Overdrive channels.
MASTER	Adjusts the main output volume of the amplifier

SWAP BUTTON	Switch between the RG and RH amplifier models.
POWER	Sets the amplifier on/off.

PLUGIN PARAMETERS – EQ DUO PAGE

Clean boosters are basically a combination of tone shaping and amplification. We provided you a 6 band graphic equalizer followed by a 3 band parametric equalizer/booster.

6 BAND EQ PARAMETERS

FREQUENCY BANDS	Adjust the boost/cut of the selected band by +/- 20dB.
FOOT SWITCH	Sets both the EQ pedals on/off.

3 BAND PARAMETRIC EQ/BOOST PARAMETERS

INPUT GAIN	Adjust the incoming signal level from -Inf to +6dB.
FREQ	Adjust the center frequency of the selected band.
BW	Sets the bandwidth factor of the selected band.
GAIN	Adjust the cut/boost of the selected band from -Inf to +20dB.

TIP

Use a combination of both EQs to shape and boost your DI guitar before hitting the amplifier. This is very useful when using the RG amp model.

PLUGIN PARAMETERS – NOISE GATE PAGE

A noise gate with frequency dependent sensitivity.

GATE PARAMETERS

TRIGGER LEVEL	Adjust the noise gate threshold.
HISS / MID / FULL	Change the gate frequency dependent sensitivity. Use Hiss for high frequency background noise; Mid for noise coming from distortions and Full for more complex background noise.
FOOT SWITCH	Sets the gate on/off.

PLUGIN PARAMETERS – OVERDRIVE

Modern overdrive for every tone needs. Hybrid model based on the MXR Wylde Overdrive plus the Horizon Devices Precision Drive's Attack section.

OD PARAMETERS

LEVEL	Adjust the output volume of the pedal.
BRIGHT	Tone control. Move to the right to get a brighter tone or to the left to darken it.
ATTACK	Sets the bass response of the overdrive stage. Left is fuller and thick, while to the right is more modern and clear.
DRIVE	Sets the overdrive amount.
FOOT SWITCH	Sets the overdrive on/off.

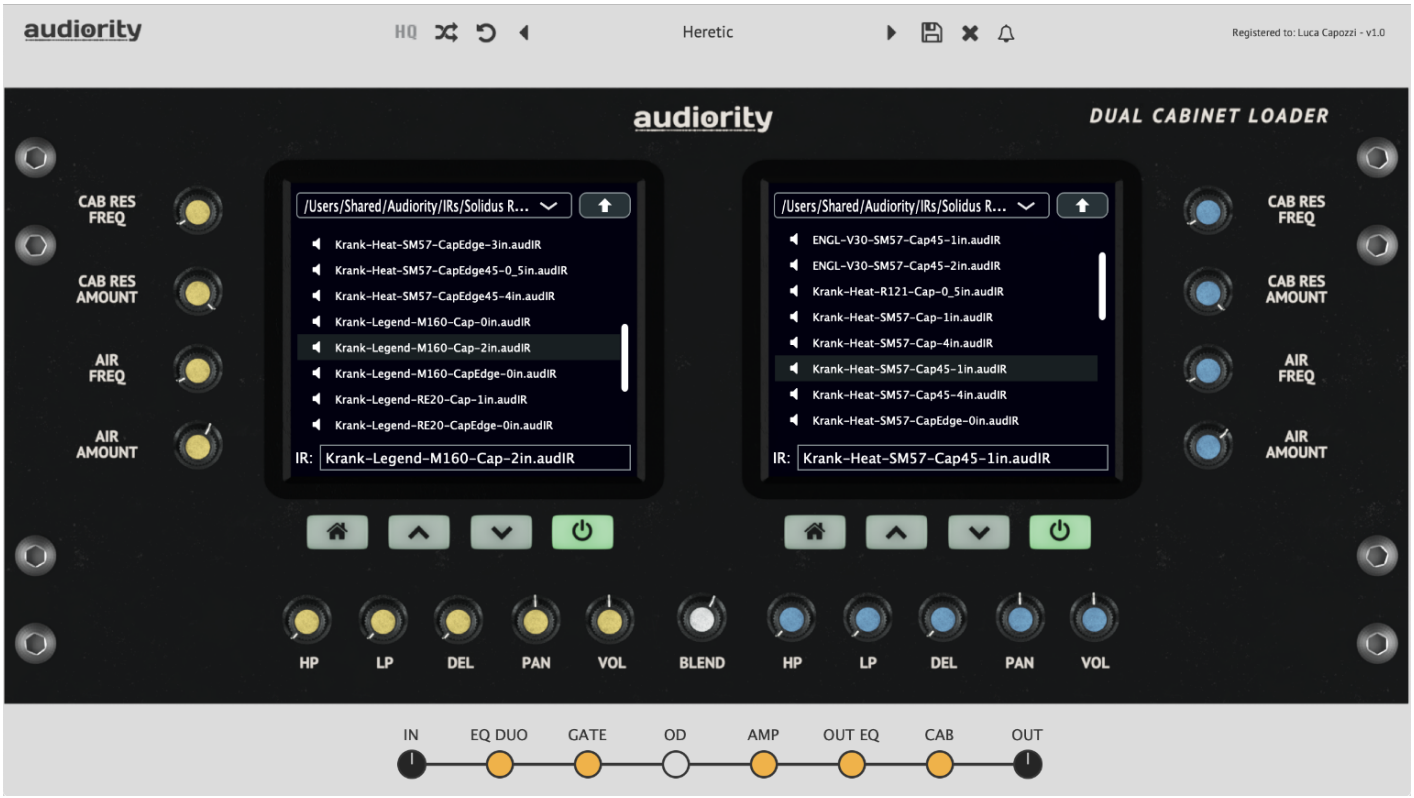
PLUGIN PARAMETERS – OUT EQ PAGE

A post-amp five band equalizer to shape the amp sound before going to the cabinet.

OUT EQ PARAMETERS

FREQUENCY BANDS	Adjust the boost/cut of the selected band by +/- 12dB.
INPUT / OUTPUT LEVEL	Sets the volume of the signal before and after the EQ.
FOOT SWITCH	Sets both the EQ on/off.

PLUGIN PARAMETERS – CAB DUO PAGE



A dual cabinet simulator / IR loader. It can load our custom ".audIR" files or standard WAV files.

CAB LOADER PARAMETERS

CAB RES FREQ / AMOUNT	Adjusts the cabinet resonant frequency in Hz and the related volume.
AIR FREQ / AMOUNT	Adjusts the cabinet air frequency and volume.
LOADER SCREEN	Shows the files in the selected folder. You can change folder using the toolbar above the files.
HOME BUTTON	Reload the default IR folder. You can change the Home folder from the plugin's Settings.
UP / DOWN BUTTONS	Scroll through the IR files.
POWER BUTTON	Enable/Disable the selected loader.
HP	Highpass filter. Cuts the low end of the signal.
LP	Lowpass filter. Cuts the high end of the signal.
DEL	Introduces a little delay in the signal, changing its phase properties. Use this while blending out of phase IRs.
PAN	Sets the selected Cab place in the stereo field.
VOL	Sets the selected Cab output volume.
BLEND	Mixes between the two Cabinets.

CHANGELOG

v1.2 (Dec 2024)
- NEW: Updated Framework
- 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
- FIX: Standalone input channels only available as stereo pairs
- CHANGE: Improved standalone window
- BREAKING CHANGE: Minimum macOS version is now 10.13

v1.1 (Feb 2021)
– Framework update
– Universal 2 Binary (Mac Intel + Silicon)

v1.0.2 (Jan 2021)
– Framework update
– NEW: Kohlekeller Studio presets and IRs

v1.0.1 (October 2020)
– FIX: GUI misplaced on Standalone version when Custom Scaling is over 100% on Windows
– CHANGE: Reduced harshness on RH150 amp model
– CHANGE: Noise Gate is more effective on high noise floor
– CHANGE: EQs and Cab Duo filter values are now show**n in kHz when over 1000Hz**
– CHANGE: Global IN/OUT knobs will now show values

v1.0 (October 2020)
– 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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