



# Solidus Randy 250 – Solid State Amplifiers

(VST, VST3, AU, AAX)

produced by Luca Capozzi (Audiority Srls), October 2020

**Current Manual version: v1.0**

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/>



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# Solidus Randy 250 – Solid State Amplifiers

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## Credits

Code & DSP: Luca Capozzi (Audiority Srls), October 2020

GUI Design: Luca Capozzi

Cabinet IR: Dr Bonkers Soundlab; Eddie Scharr; Redwirez; Seacow Cabs

Published by Audiority Srls

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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
- 2 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AAX 64-bit host

### MAC

- OSX 10.8 or later
- Intel i5 or equivalent
- 2 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AU, 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 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

### 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:

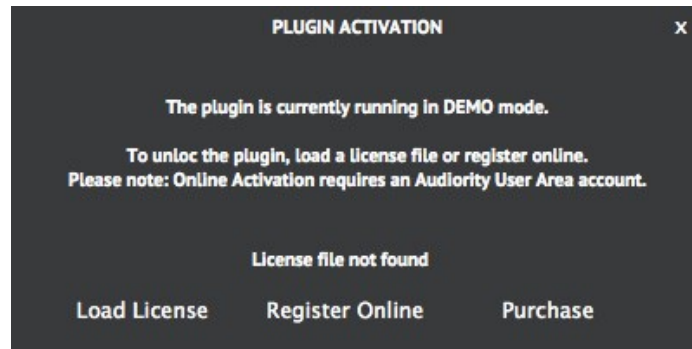
AAX: C:\Program Files\Avid\Audio\Plug-Ins\Audiority  
VST: {Your VST Path}\Audiority

## 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

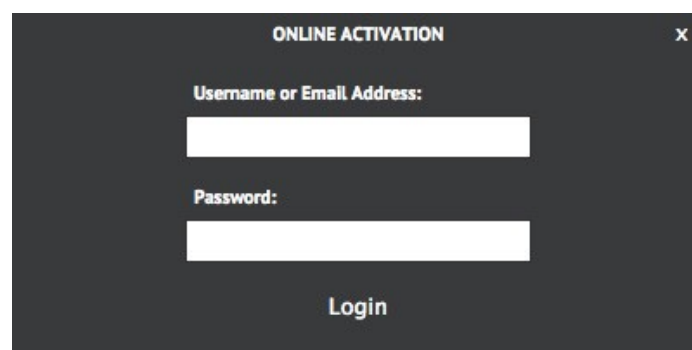
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

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.

**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**

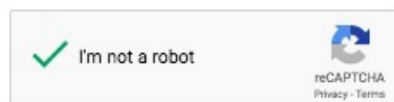
**Last Name**

**Purchase E-mail Address**

**Password**

**Confirm Password**

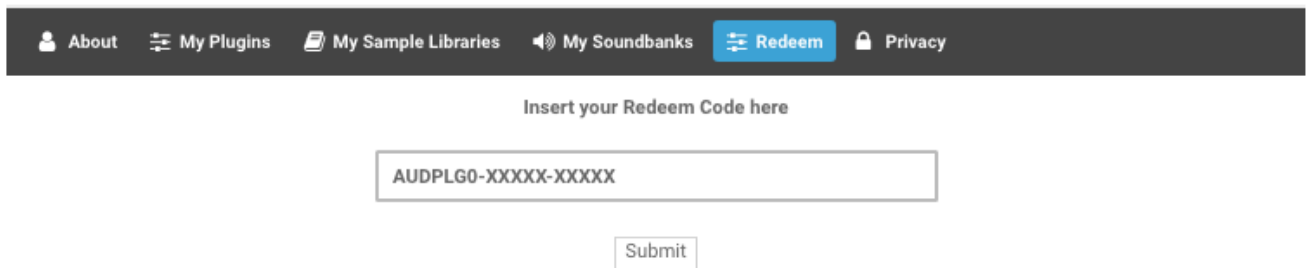
☒ I read and agree to the Privacy Policy and Terms of Use



Register

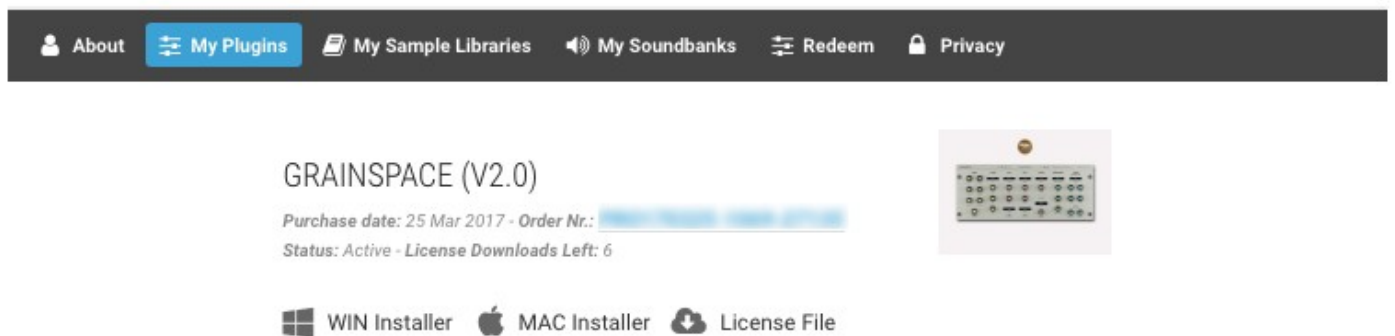
Login

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.

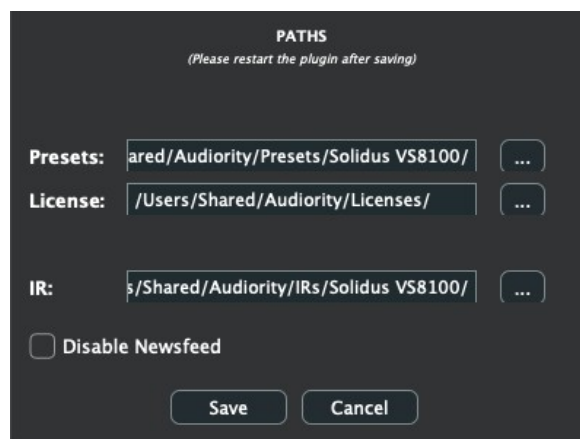
3) After submitting the code, a license will be deposited in your account and will be shown in “**MY PLUGINS**” section of your User Area.



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 plugin "GRAINSPACE (V2.0)". Below the plugin name, it shows "Purchase date: 25 Mar 2017 - Order Nr.: [blurred]" and "Status: Active - License Downloads Left: 6". To the right of the text is a small image of the plugin's interface. Below the text, there are three download options: "WIN Installer" (with a Windows logo), "MAC Installer" (with an Apple logo), and "License File" (with a download icon).

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)". Below this, there are three rows of settings, each with a label, a text input field, and a browse button (three dots in a circle). 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 rows is a checkbox labeled "Disable Newsfeed" which is currently unchecked. At the bottom of the window are two buttons: "Save" and "Cancel".

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

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

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

## CHANGELOG

**v1.0** (October 2020)  
- Original release

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Last updated on August 1, 2018

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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](mailto:info@audiority.com)

or checkout our site at [www.audiority.com](http://www.audiority.com)

Cheers,  
Luca

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