

**NEMBRINI**  
AUDIO



**OVERDRIVE SPECIAL GUITAR AMPLIFIER**

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Congratulations on choosing our **Overdrive Special Guitar Amplifier**.

Nembrini Audio Overdrive Special is modeled on a Overdrive Special by Dumble\* schematic #124.

The Nembrini Audio Overdrive Special is a two channel amplifier, which includes a clean channel and an “overdrive” channel. The overdrive channel is described as “cascading” from the first channel into, at least, one additional gain stage in the overdrive channel. This means that the clean channel’s tone stack and gain stages will “cascade” into the gain stage of the overdrive channel, causing the clean channel to become “overdriven”.

Thanks to the versatility of the digital world, we have extended the possibility of the original hardware with new features to customize your tone:

- 6 carefully selected cabinet emulations
- 4 of the best mic emulations used in real recording sessions - selectable mic positions with volume and pan controls
- noise gate and clean circuit
- a powerful impulses loader to load your favorite IRs

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## FRONT PANEL



The front panel contains the main controls of the Overdrive Special Guitar Amplifier plugin:

- 1 - Inputs** : Select from FET boosted and NORMAL input.
- 2 - Volume** : Adjust the volume level (first gain stage).
- 3 - Bright** : Switch ON/OFF the amount of high frequencies depending on the VOLUME setting.  
**Deep** : Switch ON/OFF the amount of low-mid depending of Preamp Mode setting.  
**Preamp Mode** : Switch ROCK/JAZZ tone stack mode.
- 4 - Treble/Middle/Bass** : Adjusts the overall treble, middle and bass frequencies.

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**5 - Level** : Adjust the second stage gain level engaged by OVERDRIVE parameter, in cascade to the first stage.

**6 - Ratio** : Adjust the out level of the second gain stage useful for balancing with the first stage.

**7 - Master** : Adjust the master level.

**8 - Presence** : Adjust the amount of presence.

**9 - Tone Stack** : Switch ON/OFF the tone stack section, when OFF there is an extra gain.

**Overdrive** : Switch ON/OFF the overdrive section (2nd gain stage).

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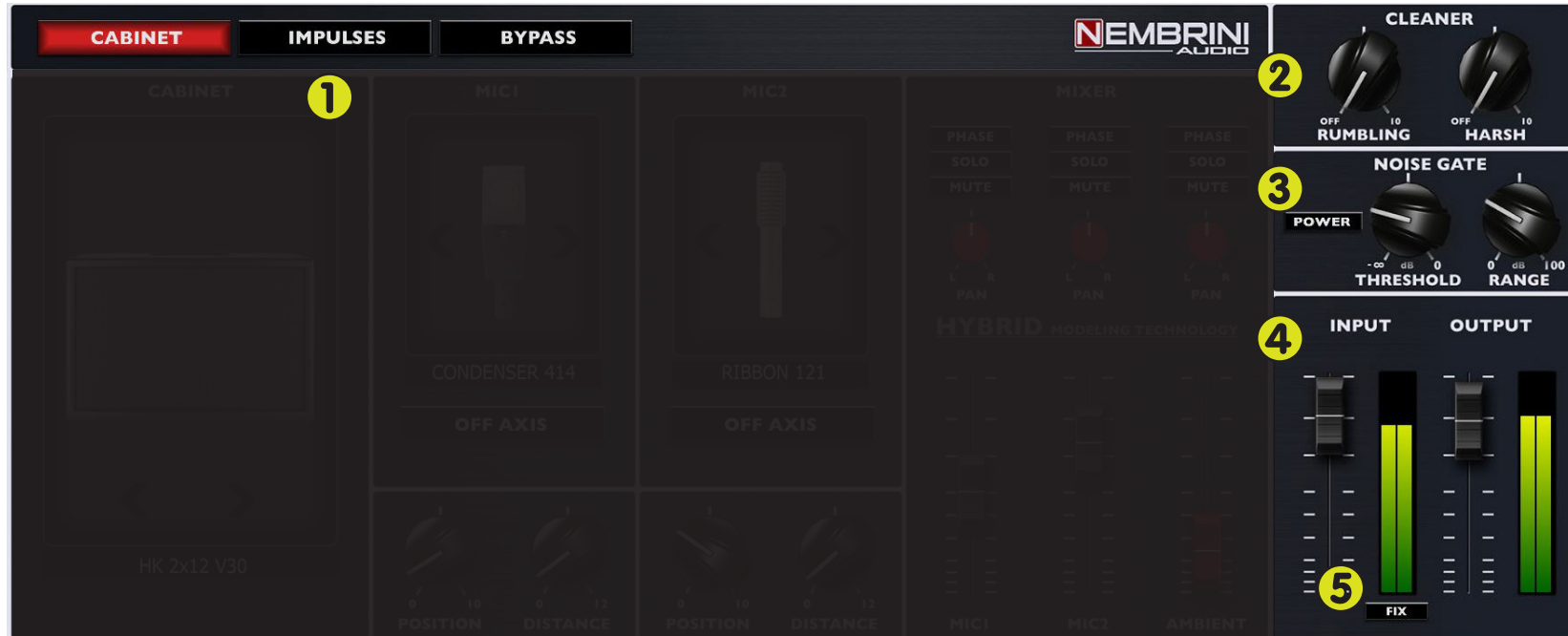


1 - Cabinet - Impulse Loader button: Opens and closes the Cabinet - Impulse Loader panel.

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## CABINET - IMPULSE LOADER PANEL



**1 - Recording Chain Mode:** these three buttons switch between the included cabinet/recording chain emulation, the Impulse Loader and the complete bypass of the entire cabinet/recording chain section. The Cleaner (2), Noise Gate (3) and Levels (4) sections are always active in all three Cabinet Modes.

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**2 - Cleaner:** this filter section has been added to our Faceman 2-Channel to clear your tone

*Rumbling:* reduces the low-frequency content

*Harsh:* reduces the high-frequency content

**3 - Noise Gate:** allows you to eliminate the noise produced by a large amount of gain

*Power:* activates the Noise Gate circuit

*Threshold:* defines the level where the gate is activated

*Range:* selects the quantity of noise reduction

**4 - Levels:** this section lets you control the level before the plugin process and after all the processing

*Input:* adjust the input level from minus infinite to +12db

*Output:* adjust the output level from minus infinite to +12db

**5 - Fix button:** by pressing this button your input level remains the same when you change presets

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## CABINET MODE



**1 - Cabinet:** you can choose between six selected cabinet emulations:

- 1- VH 4x12 P50E: based on VHT\* 412S 4x12 with Eminence\* P50E speakers
- 2- FACEMAN 1x15 JB: based on Fender\* 1x15 with JBL\* speaker
- 3- VOICE 2x12 FN: based on Vox\* 2x12 with speakers made by Fane\* for Vox
- 4- HK 2x12 V30: based on Hughes and Kettner\* TM 212 with Celestion\* Vintage 30 speakers
- 5- TWEED 4x10 P10Q: based on Fender\* Tweed Bassman 4x10 Jensen P10Qs speakers
- 6- BG 2x12 V30: based on Bogner\* 2x12 with Celestion\* Vintage 30 speakers

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**2 - Mic 1 and Mic 2 settings:** You can use 2 virtual microphones for your amp recording chain and select between 4 different models, select between ON or OFF Axis positions, change the Position and Distance.

The emulated microphones are:

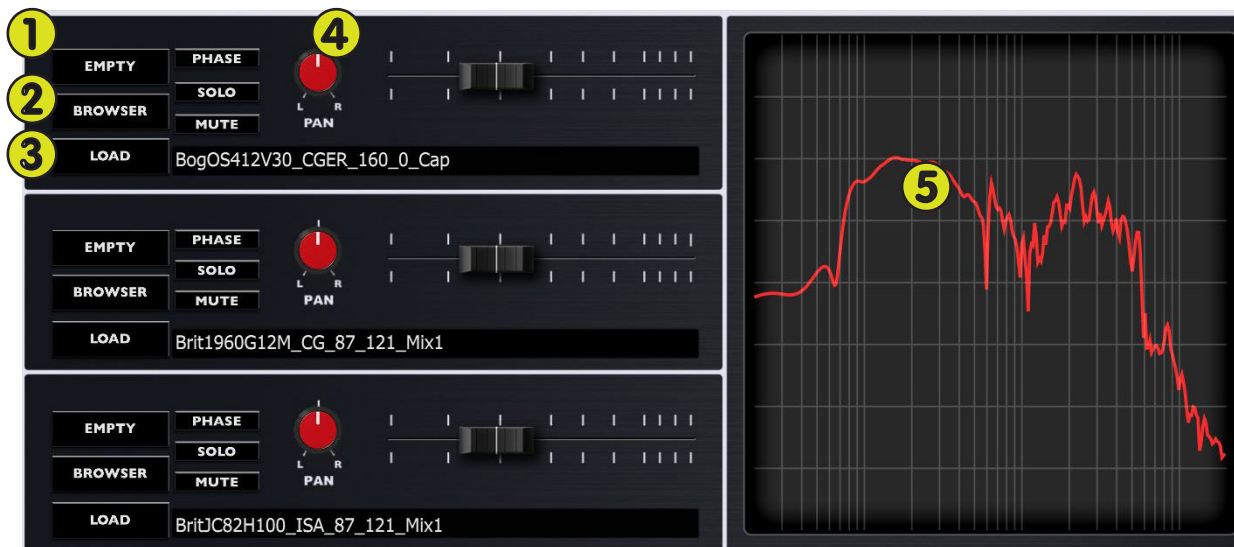
- 1 - DYNAMIC 57: based on popular Shure\* SM-57 dynamic microphone
- 2 - RIBBON 121: based on modern Royer Labs\* R-121 ribbon microphone
- 3 - CONDENSER 414: based on classic AKG\* C 414 condenser microphone
- 4 - DYNAMIC 421: based on vintage Sennheiser\* MD-421 dynamic microphone

**3 - Mixer:** These 3 faders control the volume of the 2 microphones in front of the guitar cabinet and the stereo ambience microphones. Each channel has a pan control for stereo positions (active only in stereo and mono to stereo instances), solo, mute and phase inversion switch.

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## IMPULSES MODE



The Nembrini Audio Impulses Loader lets you load up to three 3rd-party impulse responses and blend them.

The following settings are available for each of the three loaded IRs:

**1 - Empty button:** unloads the current IR

**2 - Browse button:** opens an explorer window to select a folder and shows you the contained wav files on the right side display (5).

**3 - Load button:** opens an explorer window to load your favourite impulse response.

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4 - **IR controls:** you can change the volume, pan, phase of each IR and Solo or Mute it

5 - **Browse/Preview display:** in this display, you can browse your favourite IRs or preview the resulting IR waveform

## BYPASS MODE



In this mode the whole cabinet/recording chain section and impulses loader are completely bypassed, letting you use your favourite impulse loader or your real power amplifier and speaker system with the Overdrive Special Guitar Amplifier plugin.

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## THE TOOLBARS



### Top Toolbar

- 1 - Open the manual and the information about the plugin.
- 2 - + and - buttons allow you to scroll through the presets.
- 3 - Undo/Redo changes made to the parameters of the plugin at any time.
- 4 - With A/B banks, it is possible to compare two different settings in an easy way. It is also possible to compare presets by loading them in the two different A/B banks. The red highlight will show the currently selected bank and what you will modify/save.
- 5 - Copy the settings from a bank to another, so you can make slight changes to the controls and compare the two settings for example.

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- 1 - Shows you the active preset. Click on the label to see the preset list.
- 2 - Allows you to override the currently selected preset.
- 3 - Save the current selected preset as a new preset with a name of your choice.
- 4 - Delete the selected preset.
- 5 - Bypass the plugin in order to compare your processed and unprocessed signal.

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## LEGAL DISCLAIMER

*\* Please note that all marks and models are all trademarks of their respective owners, which are in no way associated or affiliated with Nembrini Audio. These marks and names are used solely for the purpose of describing certain tones produced using Nembrini Audio's modelling technology.*

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