

LINDA AUDIO

RockStack

User Manual

Version 1.0



shop.audified.com/products



services.audified.com/download



services.audified.com/support

Table of contents

Introduction	2
The cooperation story	2
How It Works	2
Software Installation	2
Software Uninstallation	3
Opening the plug-in	3
Working with Linda RockStack	4
Control overview	4
Preset management	5
Services menu	5
Recommended Workflow	6
Signal Flow	6
Detailed controls description	7
Technical info	8
Specification	8
Requirements	8
Conclusion	8

Introduction

Thank you for purchasing Linda RockStack.

RockStack is a guitar amplifier and cabinet simulation which will transform your clean guitar tone into a professional sounding mix-ready clean, rock, or metal guitar tone.

The cooperation story

LINDA AUDIO brought the idea and concept of the product, combining excellent programming skills and sense for perfect sound, based on long experience playing in rock bands.

AUDIFIED provided the graphics and distribution of the product, maintaining the original idea and approach.

How It Works

While most guitar amp simulations focus on the perfect emulation of some real-world hardware models, RockStack is designed with a different goal in mind. It helps you find your favorite guitar tone efficiently and without stumbles. It is both versatile and simple, and you can quickly find and dial mix-ready quality tones for rock, metal, and other genres, all in one simple and intuitive interface. RockStack also features an effective cabinet simulation and inspiring modulation and delay effect modules. With all of this, RockStack is all you need to get a professional-sounding guitar sound for your next record or a valuable extension to a collection of guitar software effects.

Of course, there is also full-featured preset management. You may save your corrections to the prepared sounds to presets inside the Linda RockStack or utilizing the DAW project storage.

Software Installation

Download the recent version of the plug-in:



<http://services.audified.com/download>

- ▶ **Windows:** The downloaded file is packed, unzip it. Run the installer and follow the on-screen instructions. You can select the destination path and the installed plug-in format during the process.
- ▶ **Mac:** Mount the downloaded disk image and run the installer. You can select the installed plug-in format by clicking the Customize button. Plug-ins are installed in the standard locations and the control app appears in the Applications folder.

Software Uninstallation

- ▶ **Windows:** Navigate to the Linda RockStack program folder in the Start menu and run the uninstaller.
- ▶ **Mac:** Open the provided disk image and run the uninstaller.

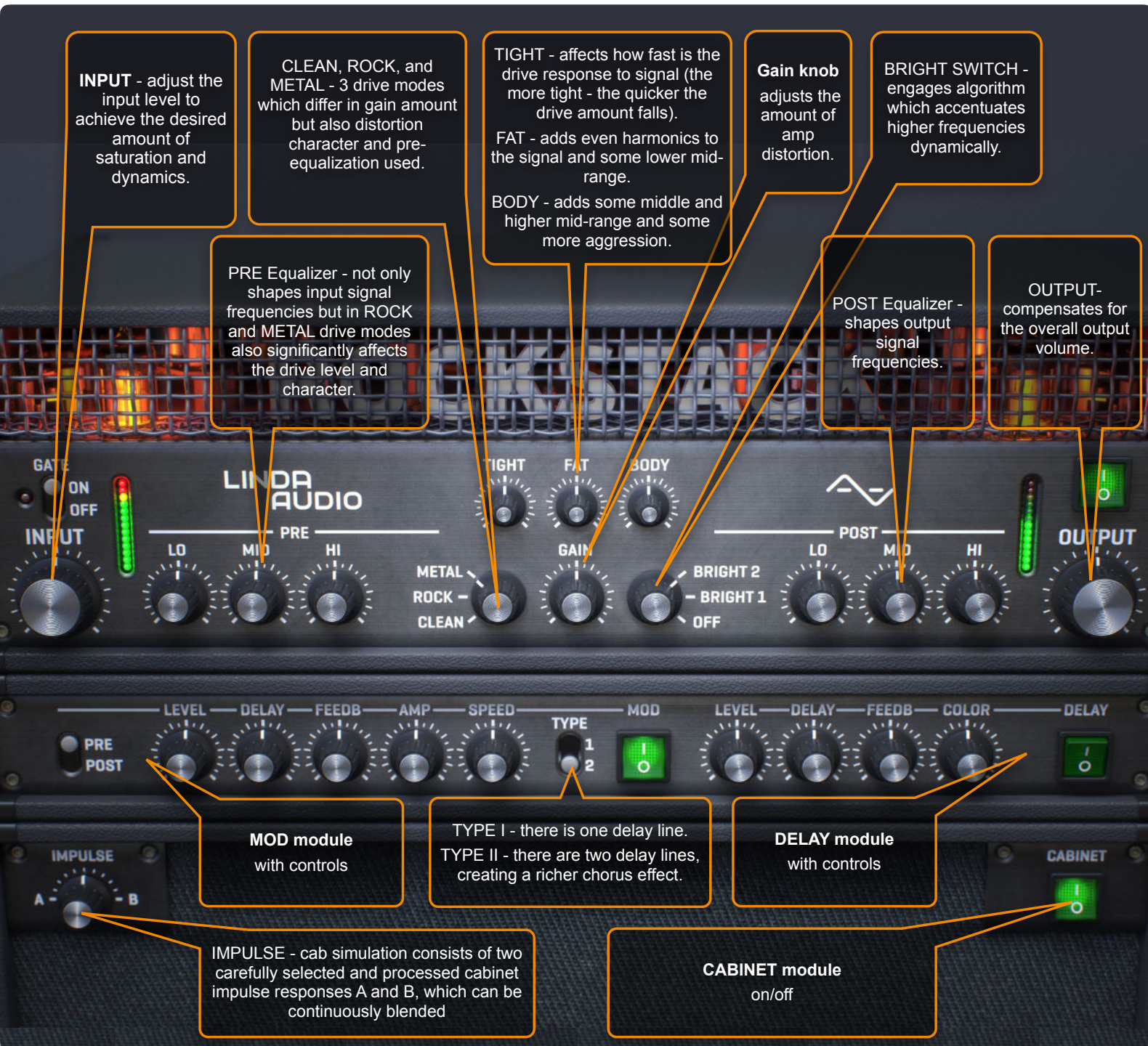
Opening the plug-in

AUDIFIED Linda RockStack works in all major digital audio workstations (recording applications) as a plug-in.

To open the plug-in, locate the plug-in selection (usually a hierarchic menu). Linda RockStack is listed in the Distortion group or in the AUDIFIED group when the manufacturer sorting is offered.

Working with Linda RockStack

Control overview



Preset management

Presets can be loaded and saved in the display area.

- ▶ The left button offers a selection from a preset list, structured in several submenus.
- ▶ The mid button opens a menu allowing to save or delete user presets.



Please note that the parameters in the utility panel are not included in presets.

Services menu

The display contains the Services button (wrench symbol), opening the Services menu.

The Services menu allows to access:

- ▶ User manual
- ▶ Product updates
- ▶ Audified web site
- ▶ Support area on the Audified web
- ▶ Feedback form on the Audified web
- ▶ Product version and other info
- ▶ Oversampling (1x, 2x, 4x)
- ▶ Copy - Paste: Allows to copy all plug-in settings and paste them quickly to another instance of the plug-in.

Recommended Workflow

Basic

1. Choose one of the factory presets
2. Adjust the Input level according to your preferences and working headroom, so the Input meter stays in green for clean tones, or you can push it to yellow or even reds for more overdriven sounds
3. Done

Advanced

1. Adjust the Input level according to your preferences and working headroom, so the Input meter stays in green for clean tones, or you can push it to yellow or even reds for more overdriven sounds
2. Find the best sounding combination of Drive Mode and Bright that fits your taste
3. Adjust input frequencies with PRE EQ. Find the right proportion of bands that brings the distortion character to suit your taste
4. Adjust the FAT parameter, which introduces even harmonics and brings up some lower mid-range.
5. Adjust BODY parameter to introduce some more aggressive distortion and to bring up some middle and higher mid-range
6. Find the best sounding combination of Impulse blend and POST EQ settings to suit your taste
7. Switch GATE on for higher-gain tones if unwanted noise is an issue
8. Compensate for the overall output volume by adjusting the Output level
9. Add MOD FX to achieve chorus/flanger/vibrato effect
10. Add DELAY FX by your taste
11. Done

Signal Flow

Input ➡ Gate ➡ *Pre* Mod FX ➡ Drive Mode select ➡ *Pre* EQ ➡ Gain ➡ Bright select
➡ Fat ➡ Body ➡ Tight ➡ *Post* EQ ➡ *Post* Mod FX ➡ Delay FX ➡ Cabinet

Detailed controls description

Amp module

INPUT - adjust the input level to achieve the desired amount of saturation and dynamics. For clean tones, the amplifier works best if the input meter stays in green, For higher-gain sounds, the amplifier works best if the input meter lights with a yellow led most of the time when playing. If pushed too hard, the tone becomes over-compressed and over-saturated.

CLEAN, ROCK, and METAL - 3 drive modes which differ in gain amount but also distortion character and pre-equalization used.

BRIGHT SWITCH - engages algorithm which accentuates higher frequencies dynamically. It is very sensitive to the input signal level (this can be adjusted by INPUT). Bright I is more focused on higher midrange while Bright II accentuates more high frequencies and slightly bass frequencies as well.

PRE Equalizer - not only shapes input signal frequencies but in ROCK and METAL drive modes also significantly affects the drive level and character. The overall distortion character is affected by the amount and also by the relative proportion of all three bands. For example, if you lower bass and mid-bands and raise a high-band, the tone will have a kind of rock crunch character. While if you keep bass and high-bands at noon and rise mid-band, the tone will move towards some creamy singing rock lead.

POST Equalizer - shapes output signal frequencies.

GATE - features a low pass filter on the input signal controlled by an envelope follower. It is particularly useful for higher-gain sounds, whereas for ddd lower-gain sounds, you should turn it off.

TIGHT - affects how fast is the drive response to signal (the more tight - the quicker the drive amount falls).

FAT - adds even harmonics to the signal and some lower mid-range.

BODY - adds some middle and higher mid-range and some more aggression.

OUTPUT- compensates for the overall output volume.

MOD module

Set up this modulation section to be chorus, flanger, or vibrato.

TYPE I - there is one delay line.

TYPE II - there are two delay lines, creating a richer chorus effect.

PRE - the effect is introduced before the gain stage.

POST - the effect is introduced after the gain stage.

LEVEL - how much is the effect mixed to the dry signal.

DELAY- delay of the modulated signal.

FEEDB - feedback amount of the delay line.

AMP - the amount of the delayed signal modulation.

SPEED - the speed of the delayed signal modulation.



DELAY module

Delay effect with overdrive and filter in a feedback loop.

LEVEL - how much is the effect mixed to the dry signal.

DELAY - delay of the delayed signal.

FEEDB - feedback amount of the delay line.

COLOR - the amount of the overdrive and resonance of the filter in the delay loop.

CABINET module

IMPULSE - cab simulation consists of two carefully selected and processed cabinet impulse responses A and B, which can be continuously blended, therefore providing a vast palette of final sound shaping.



Each module can be switched on or off (bypassed).

Technical info

Specification

- ▶ AAX, AU, VST3
- ▶ macOS, Windows plug-ins

Requirements

- ▶ macOS 10.11 and newer (64bit format delivered)
- ▶ Windows 7 and newer (32 bit and 64bit format delivered)
- ▶ 120 MB of disk space required

Conclusion

We are confident that you can now work with Linda RockStack. However, if anything seems unclear or you need assistance, feel free to contact us at



<http://services.audified.com/support>

Thanks for using AUDIFIED products.