

# Owners Manual



## Low Control



# INTRODUCTION

*Thanks a lot for purchasing a Plugin by Black Salt Audio!*

*We hope you will have as much fun and creativity using it, as we do ourselves.*

*Black Salt Audio's mission is to create intuitive tools that will quickly become secret weapons in all your productions.*

*We strongly believe that audio software should inspire you and help fuel your creative endeavours, not complicate them. Most importantly, our Plugins should allow you to effortlessly focus on enjoying the creation of music and sound - so have fun and keep on being creative!*

***This Manual will help guide you through your new Plugin and help you integrate it into your audio production arsenal.***

*If things are unclear, you can always search through our online FAQ and get in touch via the Black Salt Audio Website on [www.BlackSaltAudio.com/support](http://www.BlackSaltAudio.com/support). We're always happy to hear from you and see what you were able to create with our software. Share it in your social media channels, tag them with #BlackSaltAudio and we would love to feature your work!*

*Now let's get to work and start creating something amazing with the world!*



# 1. INSTALLATION

## Windows

We're providing distinct installers for Mac and PC – choose the installer for your operating system and open it.

The Black Salt Installer will guide you through the installation process and install all relevant Plugins onto your System.

The following Plugin Types are available for Windows and Mac Platforms.

### Windows:

VST3 (64bit) and AAX

### Mac:

VST3 (64bit), AAX and AU

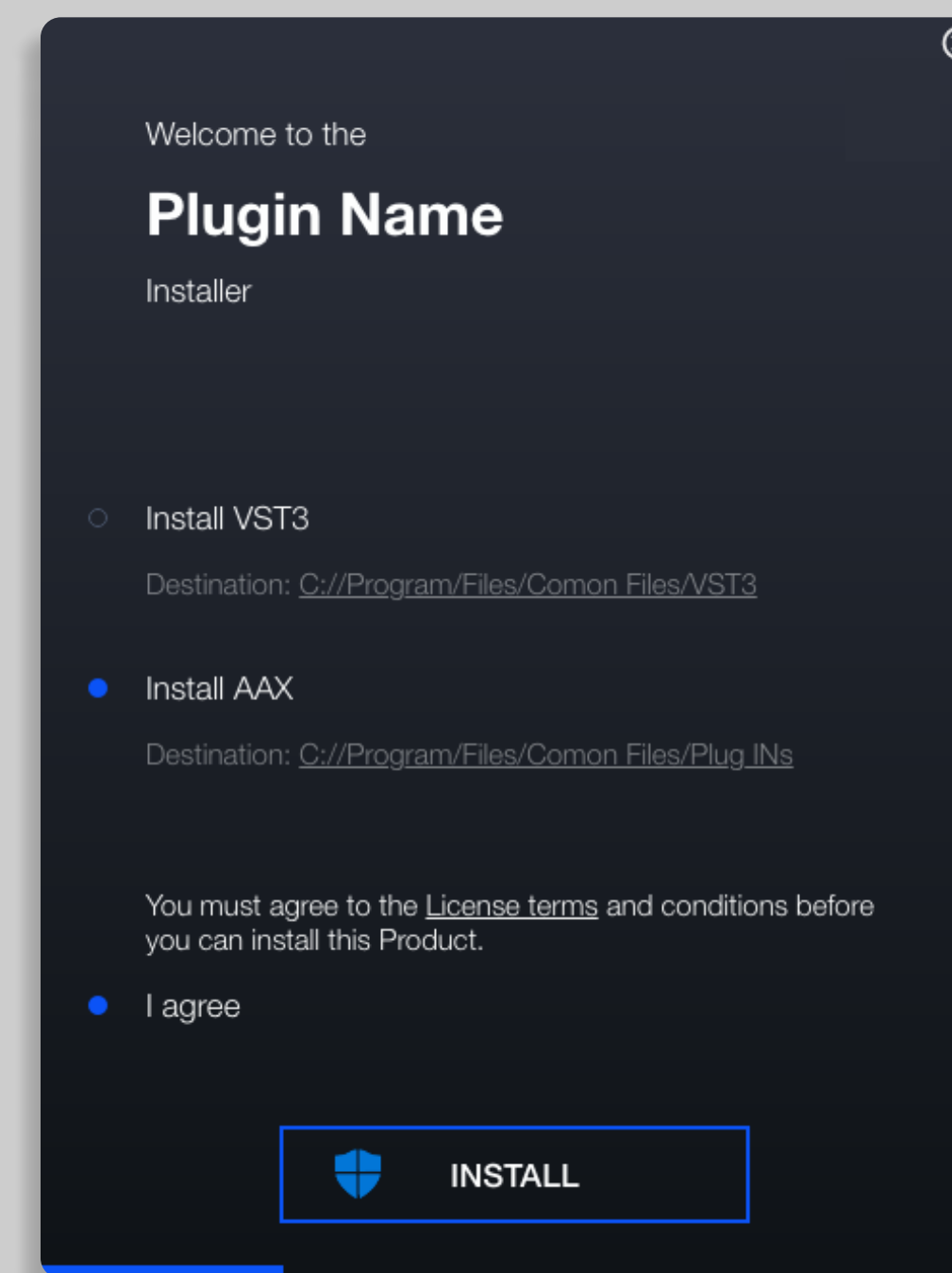
The Windows Installer will automatically install every plugin into the relevant Path on your System.

So no action needed from your end.

To start the Installation on Windows, simply launch the corresponding .exe file of the Plugin Installation you downloaded.

This will automatically launch the Black Salt Audio Installer and guide you through the process.

Select the Plugin Types and then press Install and approve the Administration Privileges by Windows if prompted to.



### On Windows Plugins are installed into the following Locations:

VST3 Plugin:

C:\Program Files\Common Files\VST3

AAX Plugin:

C:\Program Files\Common Files\Avid\Audio\Plug-Ins (AAX)

# 1. INSTALLATION

## Apple Mac

The Mac Installer will automatically install every plugin into the relevant Path on your System.

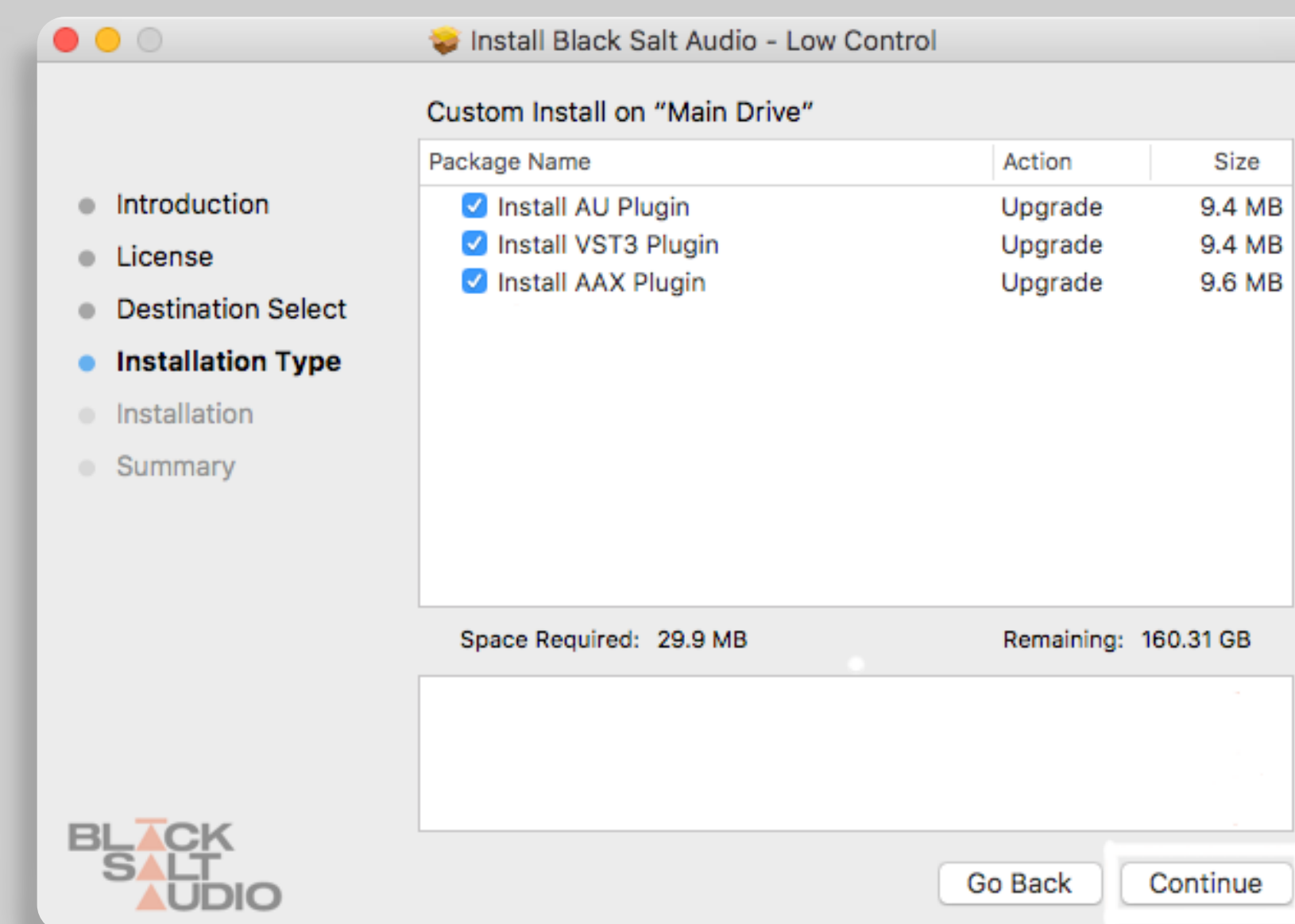
So no action needed from your end.

1. To start the Installation on Mac, simply launch the corresponding .pkg file of the Plugin Installation you downloaded.

This will automatically launch the Black Salt Audio Installer and guide you through the installation process.

2. Agree to the Software Licence Agreement by selecting Continue

3. Select the Plugin Types and then press Continue to start the Installation Process:



On Mac Plugins are installed into the following Locations:

AU Plugin:  
/Library/Audio/Plug-Ins/Components

VST3 Plugin:  
/Library/Audio/Plug-Ins/VST3

AAX Plugin:  
/Library/Application Support/Avid/Audio/Plug-Ins

## 1.2 LICENSE ACTIVATION

### Online

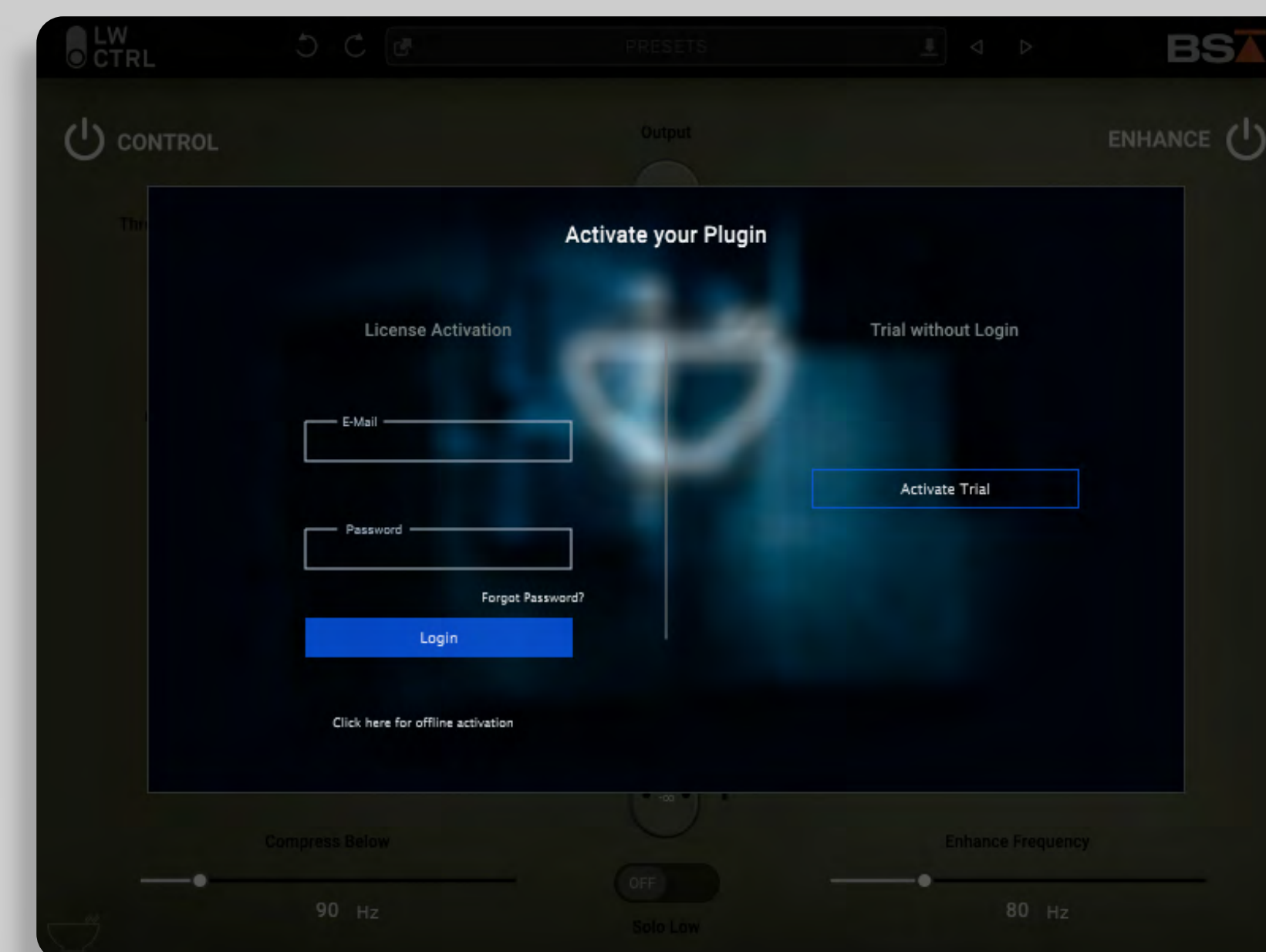
Black Salt Audio Plugins offer Online and Offline License Activation methods, as well as License deactivation. With every purchase you have a total of two Activations, which allows you to install a Plugin at two of your Workstations at a time. No Dongles required!

#### License Activation (Online)

Online Activation of a License is done simply by logging into your Black Salt Audio Account inside the Plugin. On a new Installation of a Plugin you will be prompted with the Login Screen directly. Otherwise it can always be accessed by clicking on the Black Salt Audio Logo in the Plugins Menu Bar.

After entering your Credentials, the Plugin will automatically check for remaining Activations in your Account - and if successful, it directly activates your plugin onto your machine.

Online activated Plugins check their activation status on launch to make sure your activation is still valid. This does not mean you can't use them without an internet connection - if your system stays purely offline for too long the Plugin will automatically ask you to go online again. Note, this only happens after an extended period and you will be given enough time beforehand - so there's no case where your plugin suddenly will stop working.



## 1.2 LICENSE ACTIVATION

### Offline

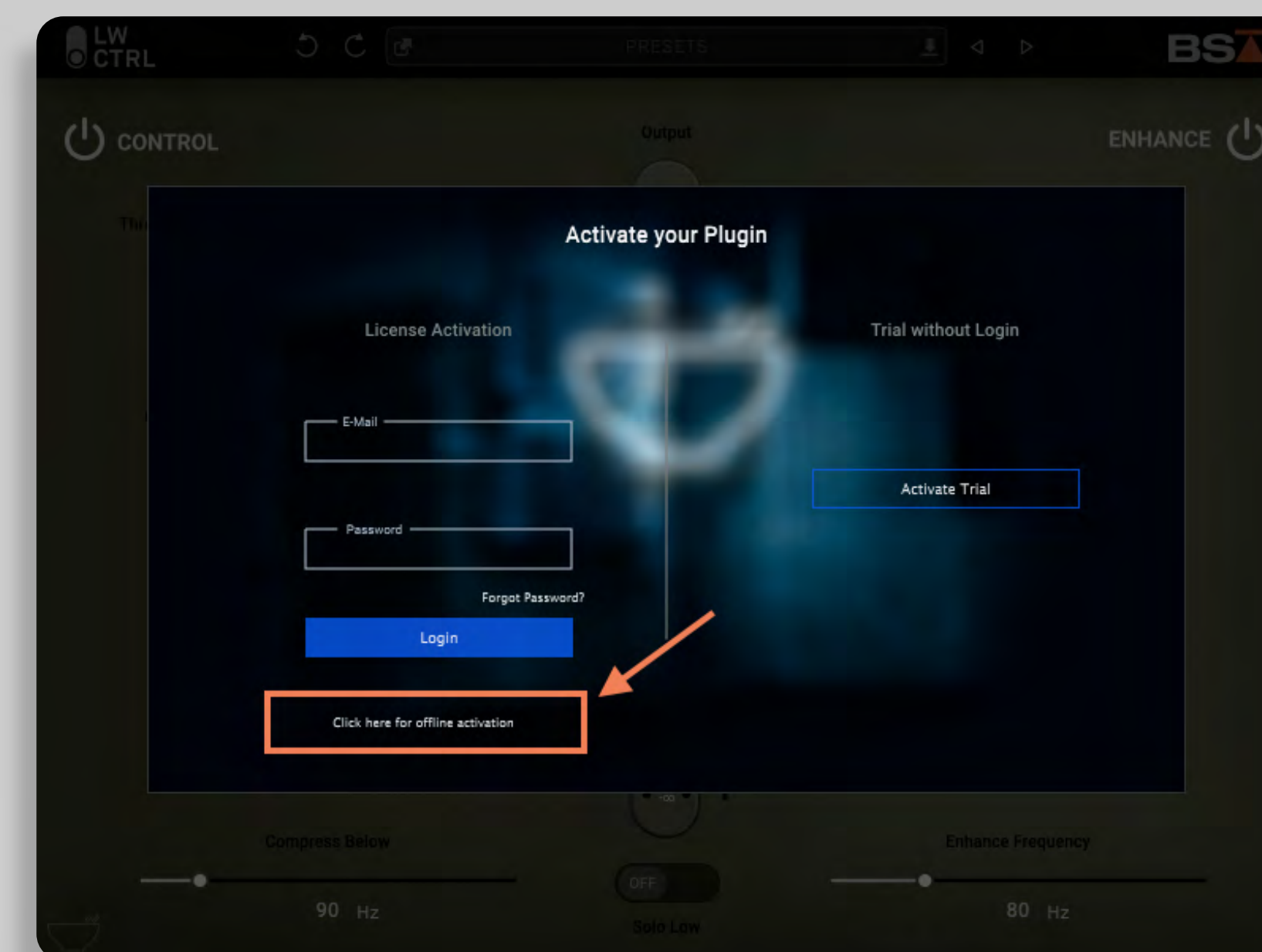
If you have a machine without access to the Internet that you would like to activate, choose the “Offline Activation” method by clicking on the option below the Login Button.

For the activation process, generate a File that contains your personal Machine ID by selecting the “Generate Machine File” button.

Afterwards copy this file to a machine with Internet Access and go to [www.BlackSaltAudio.com/activate](http://www.BlackSaltAudio.com/activate) in order to create the fitting response code via the Black Salt Audio Website.

You will receive a generated License File that you can select on your Offline Machine, by clicking the “Selected License File” button.

This will now activate your offline machine with a valid Black Salt Audio License, and you're good to use the Plugin.



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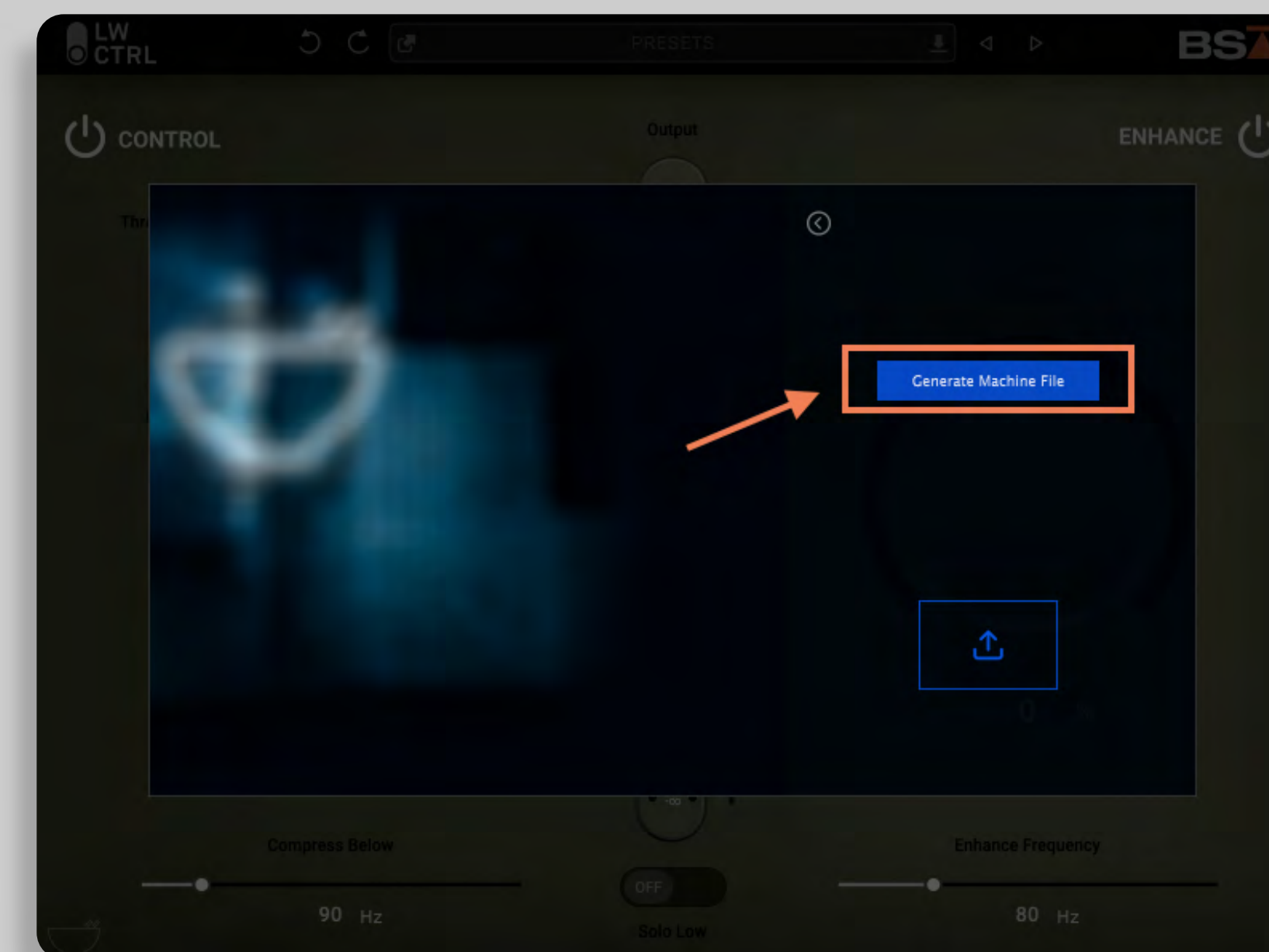
## 1.2 LICENSE ACTIVATION

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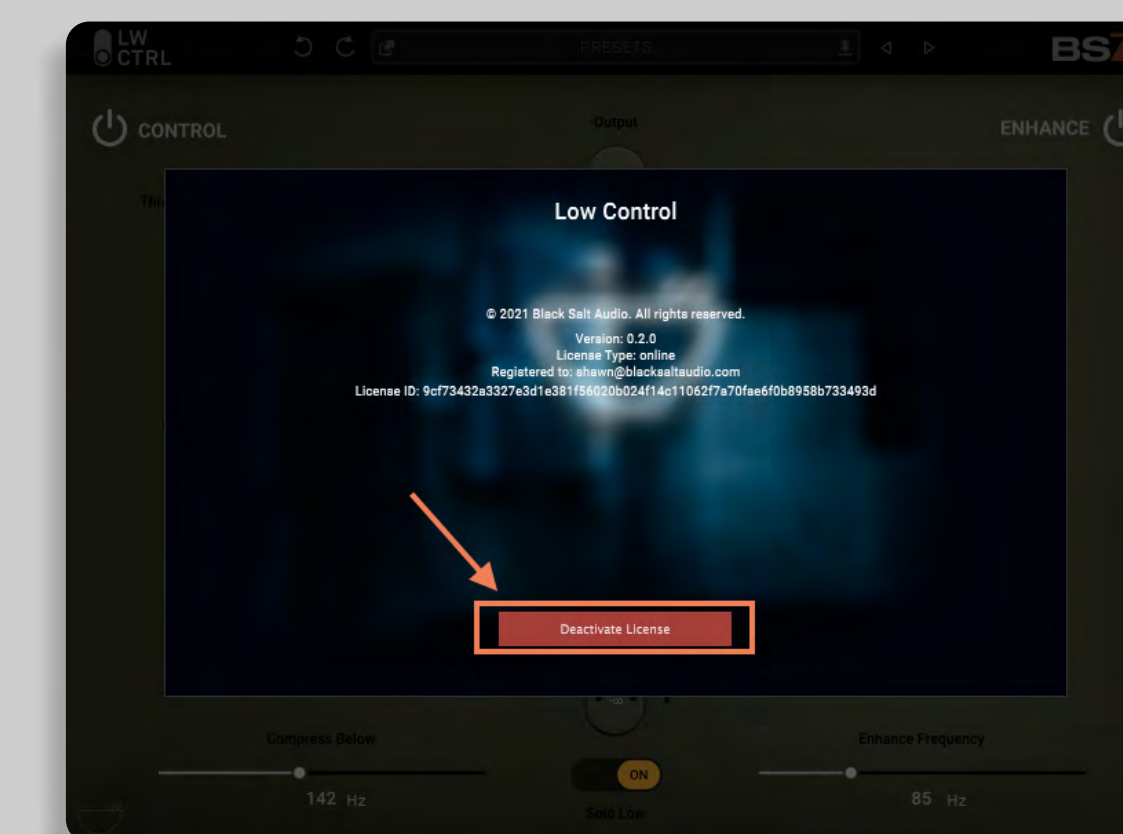


### License De-Activation

Deactivating a License can be simply done inside any of our Plugins with an active Internet Connection, by clicking the "Deactivate License" button.

Deactivating an Online activated License on your machine, will free up one Activation on your Black Salt Audio Account. So you can directly activate the Plugin again on another machine.

**Important:** For offline activated Machines no deactivation is allowed - every offline activation will remove one of the activations from your account permanently.

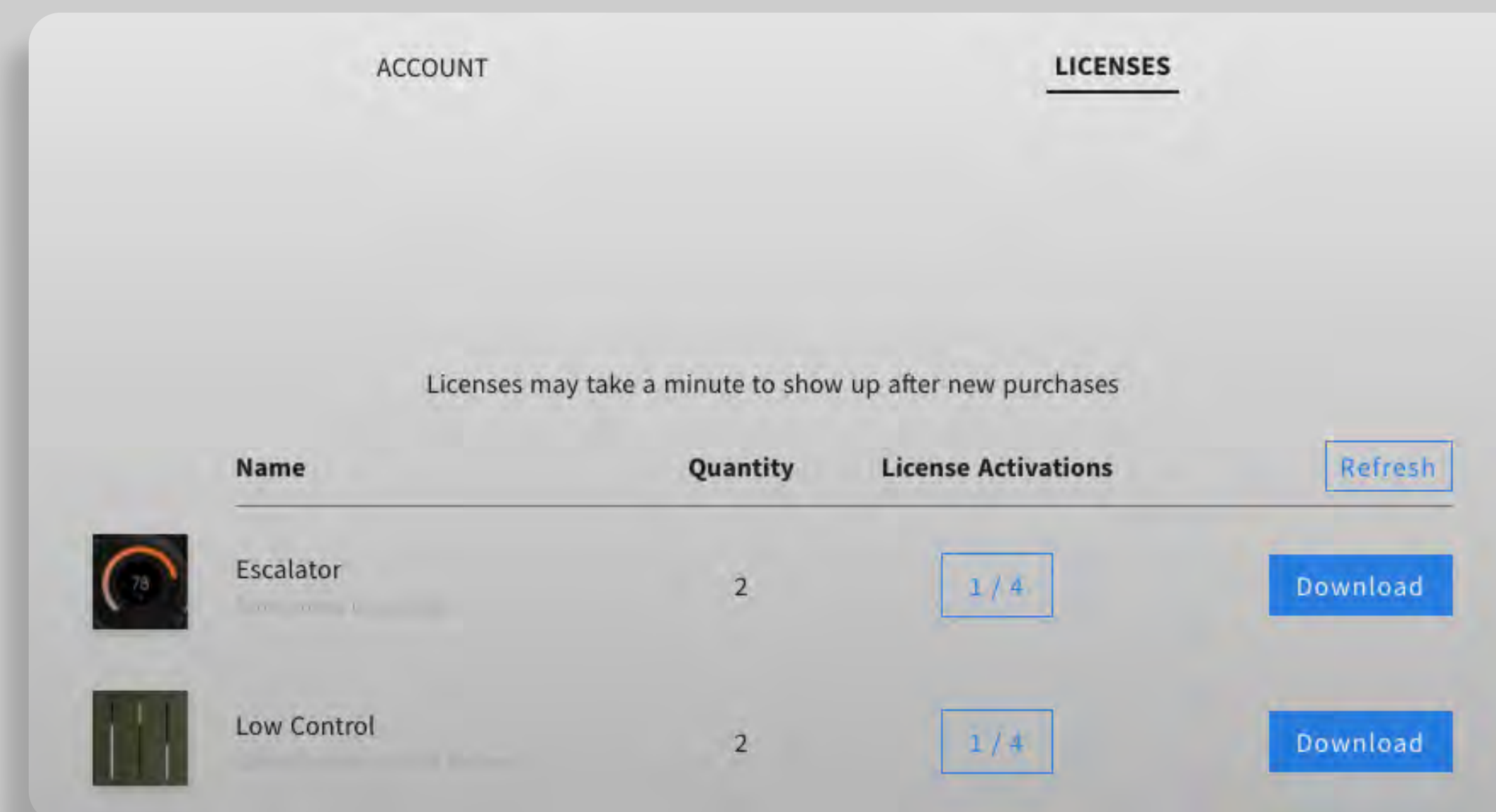


## 1.2 GET MORE ACTIVATIONS FOR A PURCHASED PLUGIN

Every Plugin purchase comes with a total of two activations of the Plugin License in your Black Salt Audio Account. Due to the option for deactivation of Online Licenses this should have you covered for all your devices in the future.

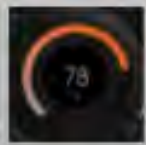

If you are however a larger Studio or Academic Institution, or just want to increase your personal license count, this can be done simply by purchasing another instance of the Plugin from the Black Salt Audio Store.

Each Purchase will grant another 2 Licenses in your existing Account. This way you can easily manage larger Studio Setups with many machines, via a single Black Salt



ACCOUNT **LICENSES**

Licenses may take a minute to show up after new purchases

Name	Quantity	License Activations	Refresh
 Escalator	2	1 / 4	Download
 Low Control	2	1 / 4	Download



## 2. GLOBAL CONTROLS

### Menu Bar

The Black Salt Menu Bar is shared across all of the Black Salt Audio Plugins.



The Menu Bar offers access to global Functions of each of our Plugins:

Plugin Info & License Status

Undo / Redo Functionality (coming soon)

Preset Browser, Loading, Saving and Selecting Presets

## 2. GLOBAL CONTROLS

### Plugin Info & License Status

You can open the Plugin Info & License Status by clicking on the Black Salt Audio Logo in the top-left corner of your plugin.



This will open the Plugin Info Window where you can see the Version Number, as well as the current License Status of your Activation or Trial.

### Plugin Logo



Each of our Plugins has its own Logo as part of the Interface on the right-side of the Menu bar. Clicking on the Logo will open the respective Manual for each Plugin.

## 2. PRESET BROWSER

The Preset Browser is at the heart of every Yum Audio Plugin and allows you instant access to all of your Yum Audio Presets.

### Preset Browser

You can open the Preset Browser by clicking in the Preset Tab of the Menu Bar.

In the Preset Browser, you will see all Factory and User Presets of the loaded Plugin.

Alternatively the Preset Browser can be closed as well by clicking on the close button in the upper right corner or again on the Preset Tab in the Main Menu Bar.



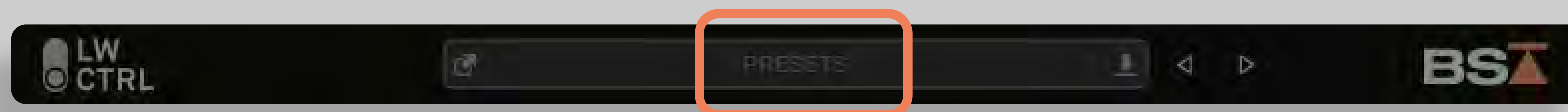
## 2. GLOBAL CONTROLS

### Locate Preset Folder



The “Locate Preset Folder” button on the left side of the Preset Tab allows you to access Presets on your PC or Mac File System. This will open the “Finder” if you are on Mac, or “File Explorer” if you are on Windows. You can reorganise or rename Presets in there or sort them to separate Folders as well. The Plugin will automatically update all the Changes you do.

### Preset Name



The Preset Tab shows the Name of the currently loaded Preset. By Clicking anywhere inside the Tab, the Black Salt Preset Browser will open.

## 2. GLOBAL CONTROLS

### Save Preset



Press this button to save a new Preset of the current Plugin, so you can recall it for later use.

### Preset Selectors



These two arrows, will allow you to go directly to the previous or next preset.

## 2. PRESET BROWSER

### Previewing and Selecting Presets

To Preview a Preset, simply single-click on any entry - this will load the Preset into the Plugin and let's you audition it.

You can confirm a Preset, by double-clicking on an entry instead, which will load the Preset and close the Preset Browser afterwards, bringing you back the Plugins main window.



To organise your Presets in more detail or access them on your PC or Mac Filesystem, click the "Locate Preset Folder" Icon on the left side of the Preset Tab. This way you can reorganise and rename Presets or sort them to separate Folders as well. The Plugin will automatically pick up all the Changes you do.

### 3. PRODUCT CONTENT

#### LOW CONTROL

Low Control gives you the maximum amount of control of your Low End. It allows you to Compress the lower frequencies independently without affecting the rest of the signal. You can then use the Enhancer to beef up the rumble or give your bass more size on speakers.



## 3. PRODUCT CONTENT

### Overview

#### Controls

##### 1. Threshold

Allows you to set the Threshold of the compressor. Once the signal crosses the threshold then the compressor will start to compress the signal.

##### 2. Gain Reduction Meter

This meter will show you how much Gain Reduction is being applied to the signal.

##### 3. Low End Volume Fader

This fader gives you control to boost or subtract the low end part of your signal.

##### 4. Compressor Frequency Fader

This fader allows you to set the frequency of the compressor. The compressor will only compress the frequencies below the frequency you set.

##### 5. Enhancer

The Enhancer knob allows you to boost harmonic saturation into your signal.

##### 6. Enhancer Frequency Fader

This fader lets you set the frequency in which the harmonic enhance will generate harmonics.



##### 7. Solo Low End Button

This allows you to solo just the low end of your signal so you can really hear what's going on down there.

##### 8. Output Control

This allows you to control the overall output of the signal.



### 3. PRODUCT CONTENT

#### Overview

Low Control first splits the Spectrum in a Low and High Component and then gives you the option to compress the Low End independently and apply Makeup to it accordingly. The Compressors settings are fixed in the plugin. We used the best settings for Attack/Release and Ratio that worked great on bass and drum material. After Compression, the signal is feeding into a harmonic generation circuit.

By generating new harmonic Material to the original signal through specific Saturation Algorithms and filtering the resulting output, new harmonics are created in a way that adds “fatness” and “body” to the sound.

The Harmonic Generation can be controlled with an additional Frequency Slider that sets the center frequency around which the Plugin processes most. Moving this downwards will give you nice sub or weight, and moving it upwards will add harmonics that make the Sounds also come through better on smaller speakers.

Those enhanced Harmonics can be mixed to the original Low End by the User with the Enhancement Knob (from 0 to 100%). Both the Modules (Compression and Harmonic Generation) can also be enabled and toggled independently.



## Thank you for using a Plugin by Black Salt Audio!

We hope this will take your productions to the next level and help you create some incredible Productions in the future - and most importantly, have fun!

If you enjoy our plugins, let us know, we'd love to hear from you and what you were able to create with our software.

Black Salt Audio.



## Support and Contact

If you need further customer support then please visit our FAQ section.

You can find it at:

[www.BlackSaltAudio.com/support](http://www.BlackSaltAudio.com/support)

If you need further support you can find our Customer Support contact form.

Please have the following information available to help us assist you:

- Product version and serial number
  - Your DAW Version (e.g ProTools 12.1.2, Cubase 10.0.1, Ableton 10.1.0)
  - Your computer and operating system info (e.g. MacPro OS X 10.9.5, Windows 7 SP1)
  - Description of the problem

## CORPORATE CONTACT

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