

# Prime Studio® Black Series



## Manual & Tips

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All informations in this manual are subject to change without notice.

Ever struggled with too many overloaded plug-ins ?

# BLACK Series

THE BEST FUNCTIONS OUT OF  
THE BEST ANALOG GEAR

# Prime Studio® - Black Series

Each of these three plug-ins is a combination of daily used vintage gear here at Prime Studio®.

Black Series plug-ins give you more than just the sound of three pieces of analog vintage gear.

Each Black Series plug-in gives you a complete analog chain of historical outboard gear at your fingertips.

Probably the best combination of analog gear you've ever used as plug-ins.

Clear Look - Clear Functionality - Easy Use - Big Sound

# Prime Studio® - Black Series

Specialized in offering rare and unique analog vintage equipment to our customers for their productions at Prime Studio® it was obvious going a step further presenting sparkling sound in the digital domain too.

Collaborating with one of the audio industry's leading audio plug-in developers, Acustica Audio, Prime Studio® now offers special versions of highly sought after analog vintage audio devices having already shaped the sound of countless international hit recordings across the music genres.

Inspired by our daily business & workflow, Prime Studio® offers three different versatile tools bringing this unique sound to your productions whether you are in the studio or producing your tunes anywhere around the world.

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# System Requirements

## Minimum system requirements:

PC: Multicore CPU, 64bit operating system (min. Windows 7), 8 GB RAM, 500MB HDD, 1024x768 screen resolution, VST2 64bit compatible audio host. AAX 64Bit operating system and DAW (PT 11 or higher).

MAC: Dual Core CPU, 64 bit operating system (min. OS X 10.9 - Mavericks), 8 GB RAM, 500MB HDD, 1024x768 screen resolution, VST/AU 64bit compatible audio host. AAX 64Bit operating system and DAW (PT 11 or higher).

## Recommended system requirements:

PC: Latest multicore CPU (Intel Xeon v3 or Intel i7 generation 4 or 6 or newer is recommended.), latest 64bit operating system, 16 GB - 128 GB RAM, 500MB HDD, 1920x1080 screen resolution, VST2/AAX 64bit compatible audio host.

MAC: **M processor compatible!** Latest multicore CPU (Intel Xeon v3 or Intel i7 generation 4 or 6 or newer is recommended.), latest 64bit operating system, 16 GB - 128 GB RAM, 500MB HDD, 1920x1080 screen resolution, VST2/AU/AAX 64bit compatible audio host

# Important...

- Please be sure to run the latest „Aquarius“ for installation & authorization of your plug-ins with administration rights on your system.
- Prime Studio® plug-ins work with AU (Audio Units), VST (designed by Steinberg) and AAX (AVID Pro Tools) audio plug-in standards.
- Plug-ins have been tested on MAC with: Ventura, OS Yosemite, OS El Capitan, OS Sierra, Avid Pro Tools 2023-6.0, Apple Logic ProX (AU), Steinberg (Wavelab, Nuendo), Ableton
- Plug-Ins have been tested on PC/Win with: Windows 10, Avid Pro Tools 11/12, Steinberg (Wavelab, Nuendo)
- The number of simultaneously usable instances depends on the performance of the particular computer system.
- Plug-in can be used on individual tracks, busses, or the master bus, depending on which type of plug-in is needed for your specific workflow.
- Using multiple plug-in instances in a session increases the need of CPU power. Therefore higher latencies may occur.
- Some plug-ins contain different versions. The standard version serves the highest audio quality and needs more CPU resources. The „ZL“ (ZERO-LATENCY) version is meant for use in recording situations where lowest latencies are needed.
- The „LIVE“ version is available for some dynamic tools like compressors or limiters only. Compared to the standard and „ZL“ versions it differs in sound as the preamp stages used to shape your tracks with harmonic distortion are deactivated. This leads to lower latencies and less CPU loads.

# Black Series Compressor

Stereo Compressor



# Black Series Comp

## Overview



# Black Series Comp

## Function & Tips

### INPUT:

This knob sets the input level from -24dB to +24dB, and is used to control the signal level inside the Comp

### RECOVERY:

This knob sets the release time 0.4s / 0.8s / 1.5s

The response time the compressor takes to return to 0dB gain reduction.

### ATTACK:

This knob sets compressor's attack time SLOW=4ms, OFF=2.5ms, FAST=1ms.

### IN/OUT/GR:

This switch select whether the input, output or gain reduction is visualized by the meter.



### RATIO:

This knob set the compression ratio 1.5:1 / 2:1 / 3:1 / 4:1 / 6:1

### THRESHOLD:

Set the threshold of the compressor from -20dB to a minimum of 10dB. Low Ratios with a low Threshold will preserve the dynamic range and also achieve a high signal to noise ratio.

A high Ratio with a high Threshold will behave as a partial limiter

### MAKEUP

Sets the gain compensation and is designed to boost the compressed signal in order to match the level of uncompressed signal.

### ECO:

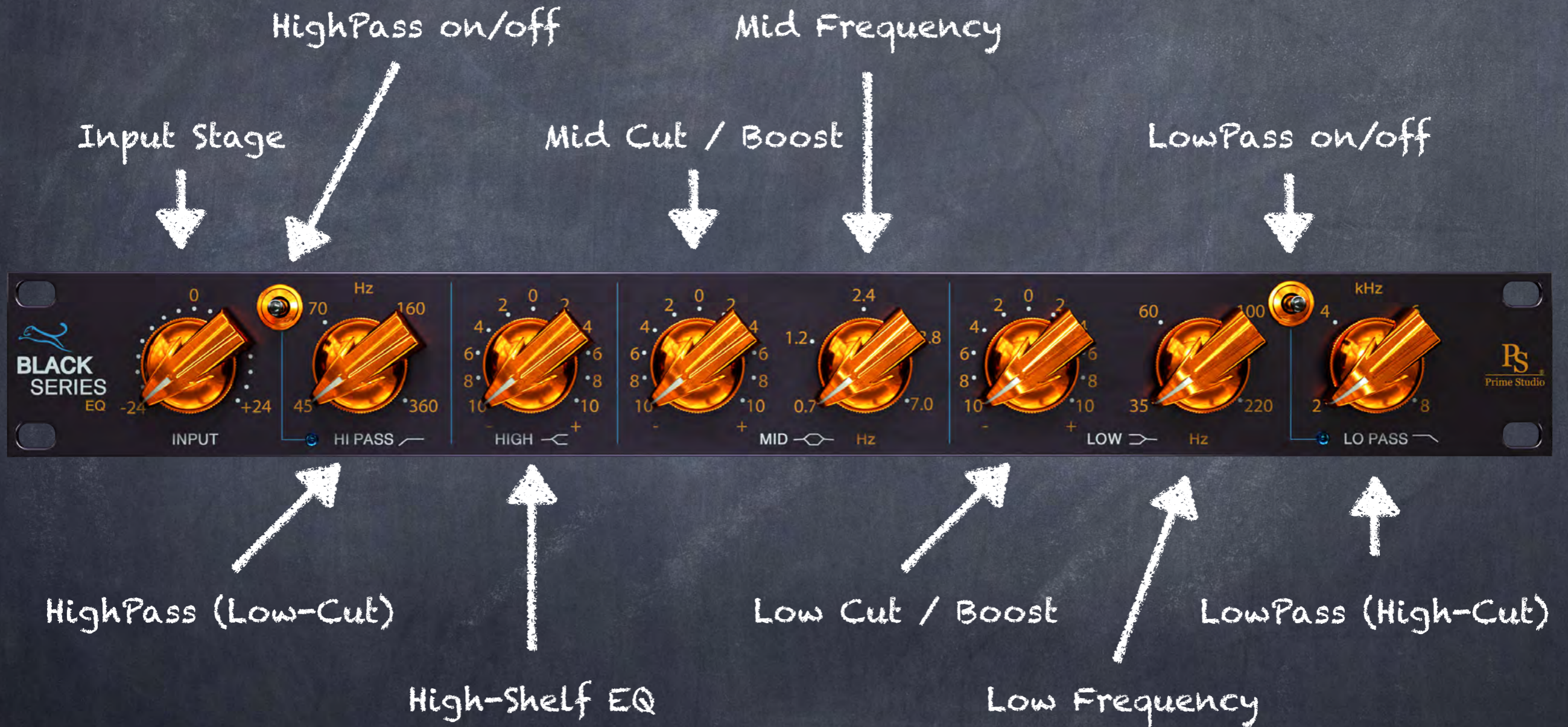
This switch engages the "insane" eco mode, the plug-in is less CPU intensive with only slightly less audio quality.

# Black Series EQ

Stereo EQ

# Black Series EQ

## Overview



Sorry, no boring meter in this one ;)

# Black Series EQ

## Function & Tips

### INPUT:

This knob sets the input level from -24dB to +24dB, and is used to control the signal level inside the Limiter



### MID:

Left knob sets Mid Cut/Boost: +/-10dB  
The right one sets Low frequencies 0.7kHz / 1.2kHz / 2.4kHz / 3.8kHz.



### LP (High-Cut):

This control determines the cutoff frequency for the low-pass filter.  
2kHz / 4kHz / 6kHz / 8kHz



### HP (Low-Cut):

This control determines the cutoff frequency for the high-pass filter.  
45Hz / 70Hz / 160Hz / 360Hz



### HIGH:

High frequencies are fixed at 10 kHz.



### LOW:

Left knob sets Low Cut/Boost: +/-10dB  
The right one sets Low frequencies 35Hz / 60Hz / 100Hz / 220Hz

SORRY:

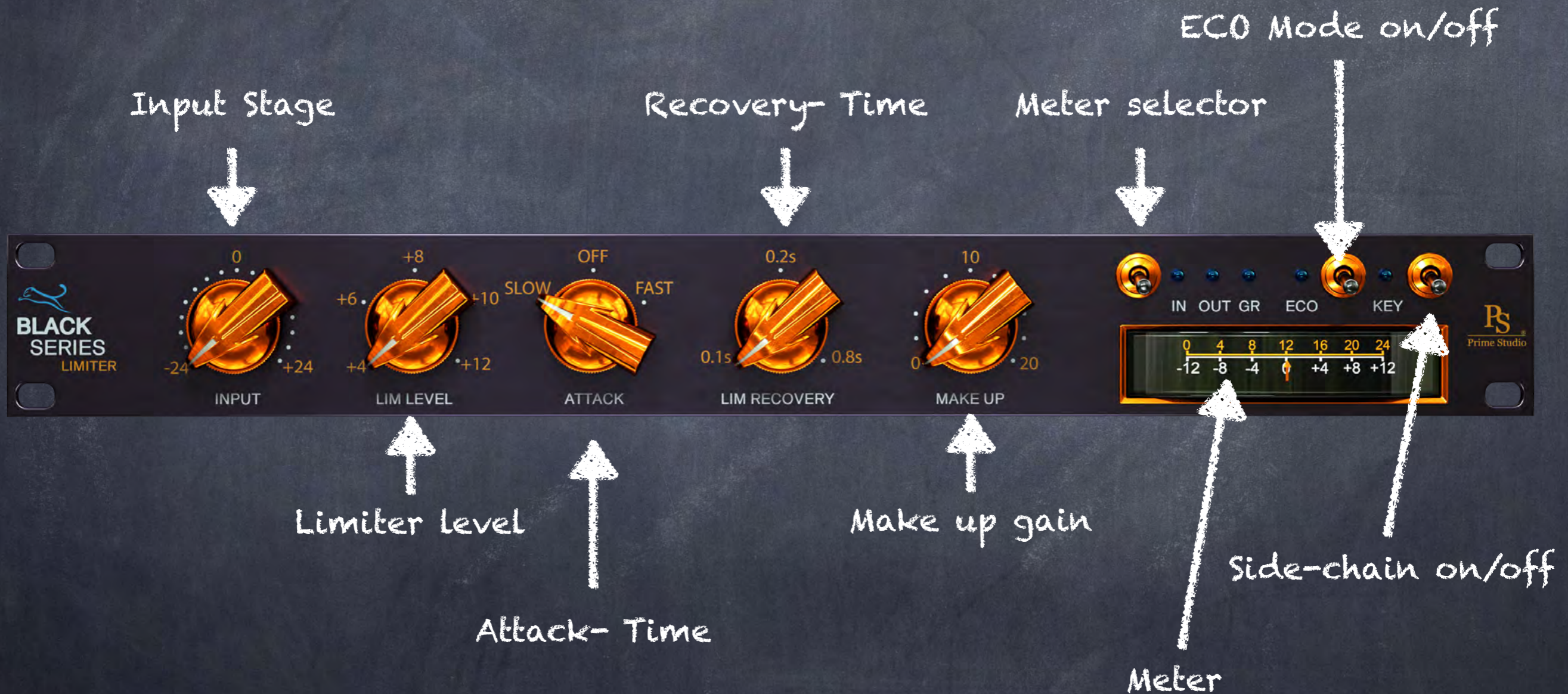
Still no meter

# Black Series Limiter

Stereo Limiter

# Black Series Limiter

## Overview



# Black Series Limiter

## Function & Tips

### INPUT:

This knob sets the input level from -24dB to +24dB, and is used to control the signal level inside the Limiter

### ATTACK:

This knob sets compressor's attack time SLOW=4ms, OFF=2.5ms, FAST=1ms.

### IN/OUT/GR:

This switch select whether the input, output or gain reduction is visualized by the meter.



### LIM LEVEL:

This knob sets the threshold of the Limiter. May be set in steps of 2dB increments from +4dBu to +12dBu.

### LIM RECOVERY:

This knob sets the release time 0.1s / 0.2s / 0.8s. Speeds are rapid for isolated peaks, while remaining slow for persistently high levels, so the impression of a normal dynamic range is preserved

### MAKEUP

This knob sets the gain compensation and is designed to boost the compressed signal in order to match the level of uncompressed signal.

### ECO:

This switch engages the "insane" eco mode, the plug-in is less CPU intensive with only slightly less audio quality.



# Not Unimportant...

Feel free and check out our complete product range  
and get your free 30 day trials here:

Free Trials

&

unreleased plug-ins

# FAQ...

## What do I have to do after purchasing a plug-in?

Please download the installation tool „Aquarius“ from the download section of our website. You can find „Aquarius“ in “Account -> Download” (top right of our website). After installation please log in to „Aquarius“ using your Prime Studio customer account credentials. In the „Purchased“ section click on the plug-in you want to install / activate and you are all set. „Aquarius“ will take care of everything else for you.

With Aquarius you can install, activate, deactivate & uninstall the Plug-ins.

## How do I choose between the Mac & PC trial version?

You will find PC and Mac trial versions of the plug-ins at [www.primeplugins.com](http://www.primeplugins.com)

## Can I authorize my purchased plug-in with the activation tool on your website?

No, this tool is only for old versions (-> 2018) of our plugins.

## How long does a trial version last and are there any limitations?

The trial versions are good for 30 days without any limitations.

You can install and use trial versions only once on a system.

## Can I authorize / upgrade the trial versions to work as full versions?

No, the trial versions only work during the trial period and can not be updated to a full version license.

# FAQ...

## Do I need an i-Lok for the trial activation?

"Aquarius" will take care of the installation & authorization of your Prime Studio® plug-ins. Full & trial version.

You will find "Aquarius" in your personal Prime Studio® account.

## Can I install plug-ins on an external hard drive to work on different computers?

No, your personal key is hardware and OS related. Don't try to copy & paste your personal key from an old computer to a new one, this will result in failures or crash of your audio host.

You will get the PC and the Mac version of the plug-in you have purchased.

# FAQ...

Where do I find the plug-in folders on my system?

## Mac/OSX paths (fixed paths)

- AAX plug-in folder 32 and 64 bit: OSX HD/Library/Application Support/Avid/Audio/Plug-ins
- VST plug-in folder 32 bits: OSX HD/Library/Audio/Plugins/VST/Acustica
- VST plug-in folder 64 bits: OSX HD/Library/Audio/Plugins/VST/Acustica64
- AU plug-in folder 32 and 64 bits: OSX HD/Library/Audio/Plugins/Components

## PC/Windows paths

(Non fix paths! This depends on the DAW you use. In the following you see some possible paths)

- AAX plug-in folder 32 and 64 bit: Program Files/Common Files/Avid/Audio/Plug-Ins
- VST plug-in folder 32 bits: C:\VSTPlugins\Acustica
- VST plug-in folder 64 bits: C:\VSTPlugins\Acustica64

# Addendum...

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