

BBE®

SONIC SWEET v4

USER MANUAL

POWERED BY



PLUGIVERSITY

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Welcome

Welcome to Sonic Sweet v4, a collection of 4 authentic and meticulously designed plug-ins (Sonic Maximizer, Harmonic Maximizer, and Loudness Maximizer, and Mach 3 Bass) for dynamic and audio enhancement, carefully respecting the original BBE signature sound.

Each plug-in has now been ported through a new framework, given a spring clean and fresh new look for 2017, with added features in our newly designed preset manager and preferences sections.

These plug-ins are the tried and true stalwarts of industry professionals around the world, utilized to enhance and control frequencies in mix and mastering sessions alike. Boost you low-end with Mach 3 Bass, sweeten stringed instruments with Sonic and Harmonic flavour (for example), and control your mastered tracks with Loudness precision. “Breath added life into your music, today!”

1. BBE Sonic Sweet v4

1.1. System requirements



OS	macOS 10.8 or later
CPU	Intel 64 bit
RAM	2GB or above
Display	1024x768 or higher
Software	64 bit AU / VST / VST3 compatible host Pro Tools 11 or later



OS	Windows 7 or later
CPU	Intel/AMD CPU with SSE2
RAM	2GB or above
Display	1024x768 or higher
Software	32/64 bit VST / VST3 compatible host Pro Tools 11 or later

1.1. Sonic Maximizer

Professional musicians and studio engineers have known for years, the Sonic Maximizer is the best way to get that professional sound and extra sparkle that is so difficult to capture. Now you can access BBE processing technology within the digital domain.

Sonic Maximizer plugin is identical to the physical unit in terms of utility features and processing. BBE's advanced sonic processing technology and proprietary algorithms have allowed us to create a plug-in that boasts the following features:



(1) Input

Gain applied to the input signal. The resulting level is shown on the meter display

(2) Lo Contour

Bass frequencies amount

(3) Process

Treble frequencies amount

(4) iSet

Center frequency

(5) BBE Process

Bypass control

(6) Output

Gain applied to the output signal. The resulting level is shown on the meter display

NOTE: Protect control available in previous versions of Sonic Maximizer is now deprecated. While it is still available for backward compatibility with previous sessions and presets, it is no longer shown on the GUI and not recommended for use on new projects.

1.2. Harmonic Maximizer

Harmonic Maximizer increases presence and clarity, restores natural brightness and adds deeper and extended low frequencies.

Harmonic Maximizer can be used in the studio on individual tracks or an entire mix, or live to enhance the sound of a P.A. system for example. BBE's advanced sonic processing technology and proprietary algorithms have allowed us to create the Harmonic Maximizer plug-in that includes the following features:



(1) Input

Gain applied to the input signal. The resulting level is shown on the meter display

(2) Lo Tune

Bass enhancement frequency

(3) Lo Mix

Bass enhancement and subharmonics amount

(4) Hi Tune

High frequency

(5) Hi Mix

High frequency and stereo enhancement amount

(6) Output

Gain applied to the output signal. The resulting level is shown on the meter display

NOTE: Protect control available in previous versions of Harmonic Maximizer is now deprecated. While it is still available for backward compatibility with previous sessions and presets, it is no longer shown on the GUI and not recommended for use on new projects.

1.3. Loudness Maximizer

Loudness Maximizer is a mixing and mastering multi-band limiter plug-in. Its ultimate transparency allows Loudness Maximizer to ‘dramatically’ increase the overall level of your mix without audible pumping effects.

Loudness Maximizer uses simple controls, turning the Sensitivity up will increase the level of your overall mix without clipping or overloading.



(1) Input

Gain applied to the input signal. The resulting level is shown on the meter display

(2) Reduction meter

Amount of gain reduction

(3) Sensitivity

Amount of limiting

(4) Release

Limiter release time

(5) Enhancer

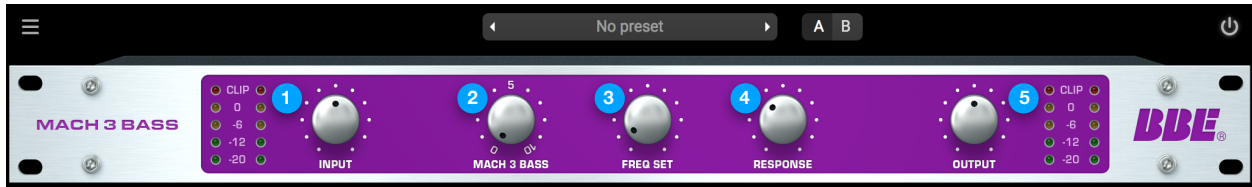
Amount of stereo image broadening

(6) Output

Gain applied to the output signal. The resulting level is shown on the meter display

1.4. Mach 3 Bass

As a new addition to the Sonic Sweet lineup, Mach 3 Bass will take your low end to new sonic depths. Insert this plug-in on any type of bass instrument or signal where you need a big boost on the low end. Mach 3 Bass allows you to easily dial in the frequency you want to accentuate and “bump the bass”.



(1) Input

Gain applied to the input signal. The resulting level is shown on the meter display

(2) Mach 3 Bass

Low end amount

(3) Freq Set

Center bass frequency

(4) Response

Bass frequency bandwidth

(5) Output

Gain applied to the output signal. The resulting level is shown on the meter display

NOTE: Protect control available in previous versions of Mach 3 Bass is now deprecated. While it is still available for backward compatibility with previous sessions and presets, it is no longer shown on the GUI and not recommended for use on new projects.

2. Plugivity powered plugins

2.1. Interface basics

The following commands can be used on all controls:

Fine tune	⇧ shift + drag
Reset	⌘ alt + click
Edit	Double click

2.2. Top bar



(1) Main menu

- Access to plug-in preferences, support, updates, etc.
- An orange dot notifies you when something requires your attention (updates, etc). Click the menu to view.

(2) Demo menu

Only visible when the plug-in is running in demo mode. Quick access to activation and dealers.

(3) Preset manager

- Display current preset name. The text will appear dimmed if this preset was modified.

- Click on the arrows to navigate to the previous or next presets.
- Click on the name to display the preset manager.

(4) Workspace manager

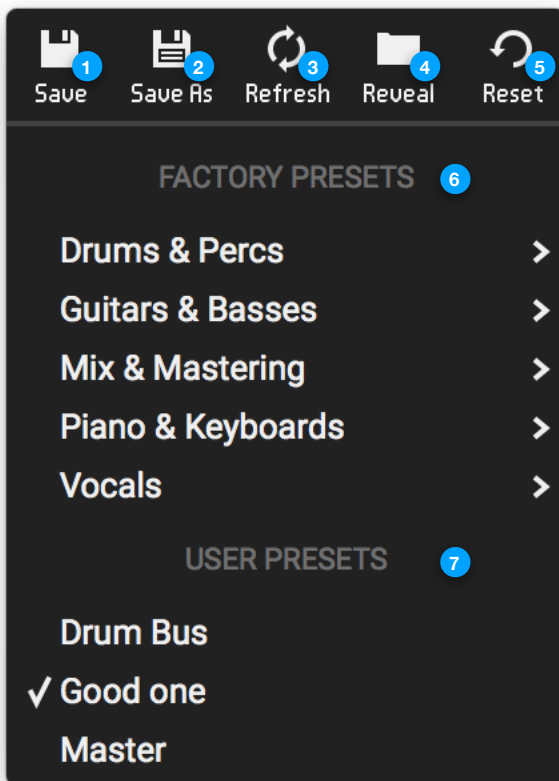
- Switch to a workspace (A/B) by clicking on its letter.
- Right click on a workspace to show the menu allowing you to copy or swap between workspaces.

(5) Power switch

Click to power the plug-in on or off

2.3. Preset manager

The preset manager gives you access to the plug-in presets, divided into factory presets and your own user presets. Organize your own presets the way you want in the Finder/Explorer. You can easily move, rename, delete them or create subfolders, then use the refresh button to reflect the changes in the menu.



(1) Save

Overwrite loaded preset with current plug-in state. Only available on user presets, factory presets cannot be overwritten.

(2) Save As

Save current plug-in state as new a preset file.

(3) Refresh

Rescan user preset folder. Use this when you change something in the preset folder from the Finder/Explorer to refresh the menu and see your changes.

(4) Reveal

Reveal user preset folder in Finder/Explorer, or current user preset if one is loaded

(5) Reset

Reset the plug-in by setting each parameter back to its default value.

(6) Factory Presets

Factory presets bundled with the plug-in. These cannot be overwritten.

(7) User Presets

Presets that were saved in the user preset directory.

2.4. Activation

2.4.1. Demo limitations

The plug-in will run in demo mode until a valid activation code is entered.

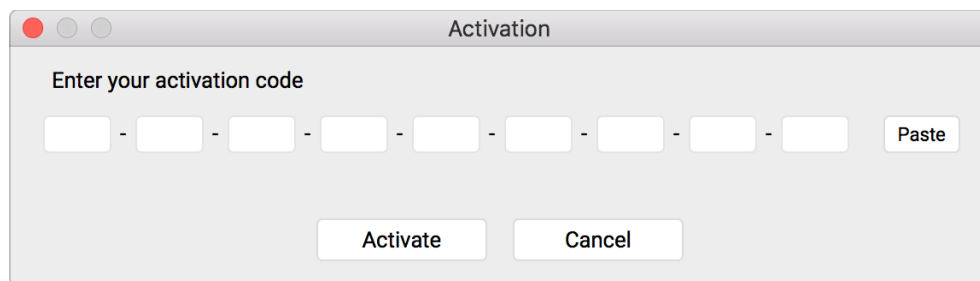


In demo mode:

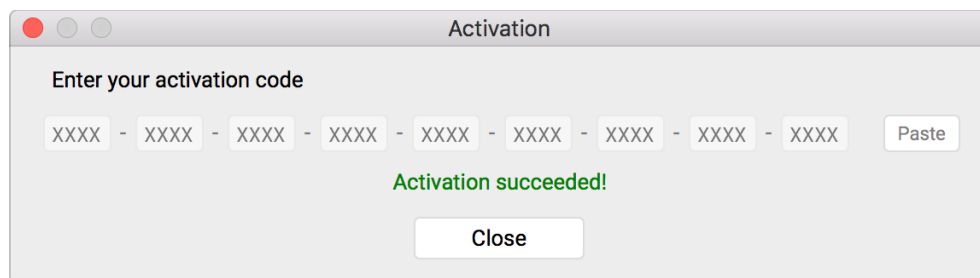
- Presets cannot be saved
- Session recall is disabled

2.4.2. Activation process

- Insert an instance of the plug-in in your DAW
- Open the activation window, by either:
 - choosing “Activate” on the plug-in launch screen
 - opening the Demo menu and clicking “Activate”



- Enter the activation code provided in your order confirmation email or use the “Paste” button after copying, then click “Activate”.





- Once your activation is successful, click close and your plug-in will now be fully activated. If you experience any activation issues, please contact support: help.nomadfactory.com

2.5. Installation paths

2.5.1. Data



User data

Contains all user specific data: user presets, user plug-in settings, etc.

	~/Documents/[Manufacturer]/[Bundle]/
	%UserProfile%\Documents\[Manufacturer]\[Bundle]\



Factory data

Contains factory data: factory presets, manual, etc.

	/Library/Application Support/[Manufacturer]/[Bundle]/
	%ProgramData%\[Manufacturer]\[Bundle]\


Plugivity data

Contains data common to all Plugivity powered plugins. Also contains Licenses folder.




	/Users/Shared/Plugivity/
	%Public%\Documents\Plugivity\

2.5.2. Plug-ins

AU

	/Library/Audio/Plug-Ins/Components
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VST

	/Library/Audio/Plug-Ins/VST/[Manufacturer]
 32	%ProgramFiles(x86)%\VstPlugins\[Manufacturer] (default)
 64	%ProgramFiles%\VstPlugins\[Manufacturer] (default)

VST3



/Library/Audio/Plug-Ins/VST3/[Manufacturer]



%ProgramFiles(x86)%\Common Files\VST3\[Manufacturer]



%ProgramFiles%\Common Files\VST3\[Manufacturer]

AAX



/Library/Application Support/Avid/Audio/Plug-Ins/[Manufacturer]



%ProgramFiles%\Common Files\Avid\Audio\Plug-Ins\[Manufacturer]

2.5.3. Uninstaller

The uninstaller is located in the factory data folder. Click the application to run and uninstall your product. You will be prompted if you want to keep your preferences and user presets.



/Library/Application Support/[Manufacturer]/[Bundle]/uninstall.app



%ProgramData%\[Manufacturer]\[Bundle]\uninstall.exe

NOTE: If you choose to remove your preferences and presets, the uninstaller will delete user data for current system user only. If you have other system user accounts, you will have to delete their data manually.

Credits

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Acknowledgements

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hashlib++	Homepage	License

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