Denise Audio Bass XXL

In September Baby Audio Inc. announced the acquisition of plugin developer Denise Audio. Three months later, the first Denise release under the new ownership is ready, a completely revamped version of their cult plugin Bass XL, appropriately named Bass XXL. Bass XXL makes use of a proprietary algorithm that generates additional harmonics that are actually above the bass frequencies. This concept takes advantage of a psychoacoustic phenomenon that causes the human brain to interpret sub bass audio largely based on its harmonics more so than the lowest sounds being produced. So, even in the absence of sub bass frequencies, our brains

will fill in the blanks and still perceive the low end as long as the proper harmonics are present.

Bass XXL makes it easier for producers and engineers to achieve that thick and consistent low end that defines modern mixes, even through earbuds and small speakers. It is ideal for adding presence to anemic drum recordings, dynamically control inconsistent bass performances, or to elevate and refine the low end of an entire mix with surgical precision.

Highlights

- Create an impactful low end, even on earbuds and small speakers, by generating complimentary harmonics on and above your selected bass frequency.
- Enrich the low end of bass lines, kick drums, toms, drum groups, or your entire stereo mix via an intuitive and clutter-free interface.
- Bass XXL's harmonics will blend musically into your tracks thanks to a proprietary algorithm that combines the smoothness of analog saturation with digital precision and oversampling. Furthermore, Bass XXL does not introduce any of the phasing issues that can sometimes occur with effects of this type.
- Dial in your target frequency manually, by root note, or via MIDI control for surgical precision.
- Gain clinical insight into your track's bass frequencies with a spectrogram zoomed in on just the low end frequencies. To get a visual reference of the full spectrum, click the magnifying glass icon in the top panel.

Features

- Root: Sets the frequency from which harmonics are generated. You can set the frequency in either hz, as a root-note, or via midi follow.
- Harmonics: Dials-in the harmonics and lets you set how intensely you want to saturate the signal. Engage oversampling for the highest sound quality.
- Boost: Mixes-in the harmonic signal in parallel, without touching the dry signal. Use the Output knob for setting the global volume. Engage Solo to hear just the harmonic signal.
- Pre-Delay: Allows you to separate the harmonics from the transient of your dry signal by adding a delay to the generation of harmonics. This will help preserve the original attack of the dry signal.
- Mono: Forces the harmonic signal into mono (at 100%) or preserves the dry signal's stereo image even in the harmonics generated (at 0%).
- Slope: Sets how smoothly - or surgically - the harmonic signal is filtered in and out.
- Range: Lets you set the range of the harmonic signal from being contained to the lower frequencies only to expanding into the mid frequencies for a more audible effect.
- View Selector: Switch between a zoomed-in spectrogram showing the low-

end only or a view of the full spectrum. (The dry signal is represented by the blue line and the harmonics by the white line).

- Tool Tips: Engage the tooltips for feature descriptions during hover-over.
- Presets: Browse 48 professionally crafted presets (or create and save your own).

www.deniseaudio.com