

bx_boom V3

Plugin Manual



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1. Welcome to bx_boom V3

Our popular bass drum tool has just been updated!

Like the original version, bx_boom V3 has just one job: make your bass drums go boom!

bx_boom V3 works with anything that contains a bass drum: individual kick tracks, your drum bus, or even a final mix - get your bass drums stand out.

In V3, we've rewritten and improved the algorithm and added useful sound-shaping features. In addition to a modernized character, saturation, and phase rotation, the effective center frequency can now be selected by note.

 Download and install your plugin using our Installation Manager: <https://www.plugin-alliance.com/en/installation-manager.html>

Thank you for choosing bx_boom V3. We hope you enjoy it!



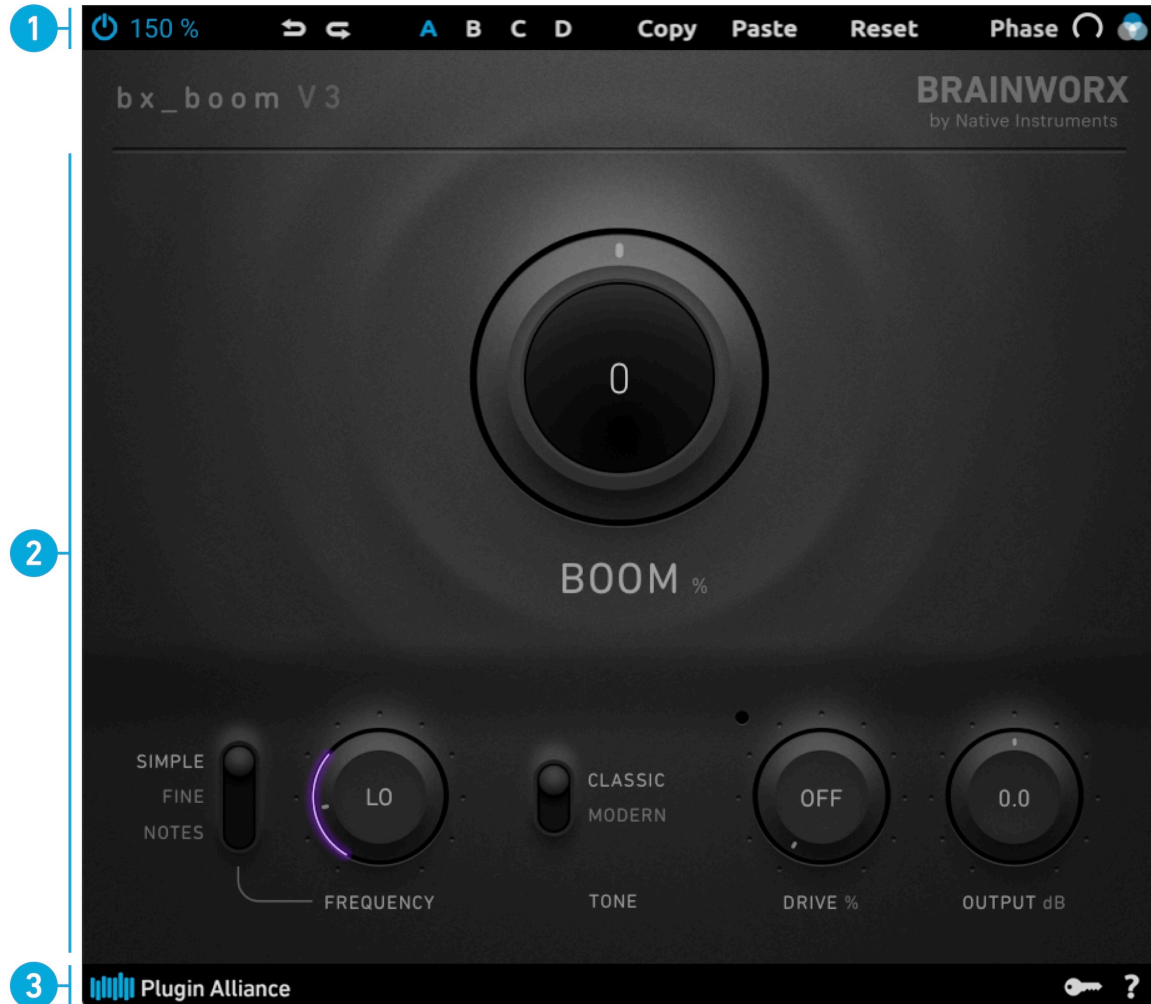
2. Key features

The following list gives you an overview of bx_boom V3's key features:

- Add boom to any bass drum
- Control your bass drums - even in a mix
- New in V3
 - Completely rewritten algorithms for better performance and sound
 - Adjustable frequencies with note values or variable frequencies up to 128 Hz
 - Drive saturation to liven up your bass drums
 - Bass Rotation to perfectly align the sub phase to your layered drums
 - Modernized Brainworx UI

3. bx_boom V3 Overview

bx_boom V3 consists of the following areas and main controls:



1. **Top toolbar:** Additional global controls relevant to the plugin's processing. For more information, refer to [Top toolbar](#).
2. **Main section:** Controls that enable you to shape the low end of drums, bass, and other sources. For more information, refer to [Main section](#).
3. **Bottom toolbar:** Preferences, license information, and documentation. For more information, refer to [Bottom toolbar](#).

4. Main section

Enhance the bass frequencies on drums, bass, and other elements, going far beyond basic EQ adjustments.

This section consists of the following controls:



1. **Boom:** Boosts (turn right) or attenuates (turn left) the impact of your bass drum. The integrated light will help to find the correct setting - turn it up until the bass drum's groove is visible.
2. **Frequency Control:** Define the center frequency of the boom process.
 - a. **Frequency Mode:** Switches between **Simple**, **Fine** and **Notes** modes.
 - **Simple:** Just as in previous versions of bx_boom this allows to set the frequency to **Lo** (32 Hz), **Mid** (48 Hz) and **Hi** (64 Hz).
 - **Fine:** In this mode the range is extended to 128 Hz with free frequency selection.
 - **Notes:** This mode tunes the frequency based on chromatic steps from C1 to C2.
 - b. **Frequency:** Select the center frequency or note depending on the active Frequency Mode.
3. **Tone:** Changes the character from **Classic** (the original bx_boom sound) to **Modern** (a more impactful take on the original sound). The most drastic impact can be heard on a drum bus or full mix.
4. **Drive:** Sets the amount of odd harmonics and saturation to add.
5. **Output:** Adjusts the output level of the plugin.

5. Top toolbar

Additional global controls related to plugin settings and processing are available in the top toolbar.



1. **Power:** Bypasses the processor when disengaged.
2. **UI Size:** Sets the size of the plugin's user interface.
3. **↶ ↷:** Undo and redo changes made to controls up to 32 steps.
4. **Bank A B C D:** Each preset allows you to switch between four banks (A, B, C, D) of controls.
5. **Copy:** Copy the active settings to memory.
6. **Paste:** Paste the copied settings to the active bank.
7. **Reset:** Reset the current bank.
8. **Phase:** Align the phase of the processed signal's bass range frequencies in steps of 1° degree. When layering multiple tracks with low frequencies, phase cancellation often occurs. Bass Rotation helps compensating the cancellation to receive a punchy and steady low range of layered bass-focussed signals.
9. **UI Color:** Changes the primary color of controls and meter indicators.



Clicking the company logo or the plugin name will open a splash screen containing team credits and the UI default setting.

6. Bottom toolbar

Preferences, license information, and documentation are available in the bottom toolbar.



1. **Plugin Alliance Logo:** If your computer is online, clicking the Plugin Alliance logo will take you to the Plugin Alliance website via your web browser.
2. **License Info:** The toolbar displays information about the type of license you're running. Trial licenses are displayed along with the number of days until expiration; there is no note for full licenses, as these are unlimited.
3. **Dollar Icon:** If you are using a demo/trial version of a Brainworx product, you can click this icon to open a browser that redirects you to the respective product page in the Plugin Alliance store. Here, you can purchase a product without searching for it on the Plugin Alliance website.
4. **Key Icon:** Clicking on the key icon brings up the activation dialog, allowing you to manually reauthorize a device in the event of a license upgrade or addition. You can also use this feature to activate additional computers or USB flash drives.
5. **Help Icon:** Clicking the help icon opens a context menu that links to the product manual PDF and other helpful links, such as checking for product updates online. You must have a PDF reader installed on your computer to read the manual.
 - **Open Manual...** with your operation system's preferred PDF reader. *You must have a PDF reader installed on your computer to read the manual.*
 - **Product Info...** will take you to the product page of bx_boom V3 if your computer is online.
 - **Download Updates...** leads you to the product page's Downloads-Section.
 - **Legal Info...** opens a pop-up window declaring legal usage of third party technology.
 - **Plugin Alliance Website...** will take you to the Plugin Alliance website via your web browser.

7. Additional information

Modifier keys

You can use the following keyboard commands to control bx_boom V3.

| Function | AU | VST / VST3 | AAX |
|---------------------------------------|----------|--|--|
| Fine Control | [shift] | [shift] | <ul style="list-style-type: none">• Mac: [command]• Win: [Ctrl] |
| Jump between default and last setting | [option] | <ul style="list-style-type: none">• Mac: [command]• Win: [Ctrl] | <ul style="list-style-type: none">• Mac: [option]• Win: [Alt] |

Usage data tracking

Help us improve your experience.

Plugin Alliance by Native Instruments is using data tracking to improve the user experience and usability of our products. Data tracking can be deactivated at any time in the help menu. This data is collected according to our [Privacy Policy](#).

Online resources

System requirements & supported platforms:

<https://www.plugin-alliance.com/en/systemrequirements.html>

Details about your product:

https://www.plugin-alliance.com/en/products/bx_boom_v3.html

Installation, activation, authorisation and FAQ:

<https://www.plugin-alliance.com/en/support.html>

Credits

Programming and Algorithms: Stefan Schönefeld, Matthias Heinz, Joscha Rieber

UI-Design: Nico Lezim

Product Management: David Stoll