

# BB CHAMBER D USER GUIDE



User Guide :

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# Introduction

“ Thank you for purchasing. This guide gives you a complete overview of the complete plugin. If you have any questions or support requirements, please visit [kitplugins.com](https://kitplugins.com) and reach out to [help@kitplugins.com](mailto:help@kitplugins.com). Be sure to join our newsletter and connect with us on social media for new releases and product updates! ”

— **Matthew Kleinman, Founder & CEO**

**BB Chamber D** captures the legendary sound of Blackbird Studio’s Studio D Reverb Chamber—an iconic space heard on countless hit records—and brings it into your DAW with powerful modern flexibility.

Beyond faithfully modeling its lush depth and musical decay, BB Chamber D adds adjustable Size and Width controls to reshape the room beyond physical limits, selectable classic mic options, authentic dampening modeled after real cushion techniques, and flexible source placement from inside the chamber or piped in from Studio D’s live room.

With built-in console saturation, filters, EQ, compression/ducking, and full input/output control, it delivers the unmistakable ambience of Studio D with the precision and versatility today’s mixes demand.

# Installation & Requirements

After purchasing from our website, you will be asked at the **Order Status** page to enter and submit your **iLok ID** ( e.g. the “**username**” you use to login to **iLok License Manager** ) for validation and license deposit to your iLok account. If you do not yet have a **FREE iLok Account**, you may create one at [ilok.com](https://ilok.com), and download the required **iLok License Manager** application.

\* If you miss this step, you may return to the ‘**Order Status**’ page from the link provided in your order receipt email.

Once done, you may proceed to launch the **iLok License Manager** application on your system, login with the **iLok ID** for your account ( and that you used for the deposit process above ), select the ‘**All Licenses**’ tab, select the license and right-click and active to your desired location.

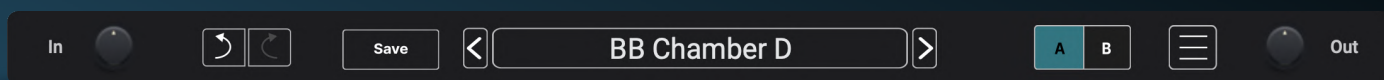
## System Requirements & Compatibility:

- macOS 10.14 or above
- Windows 7 or above
- An Intel or M-Series processor
- 16 GB RAM or above ( recommended )
- Internet Access for download, authorization and intermittent validation request
- A compatible Host or DAW for plugin format use

\* This plugin supports **iLok Cloud**, **iLok 2** or **iLok 3** ( generation ) keys, and **Machine** activation.

Installation contains **64-Bit** versions of applicable plugin formats – **VST3**, **AU**, **AAX** – for the aforementioned **macOS** and **Windows** platforms.

# Top Bar

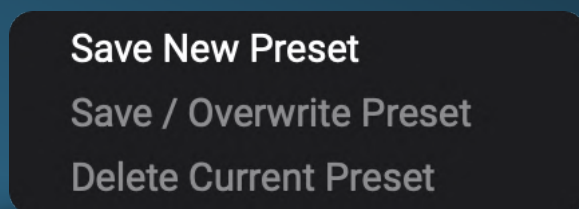


## Undo/Redo:

- Select to Undo or Redo your last performed action/parameter value change.

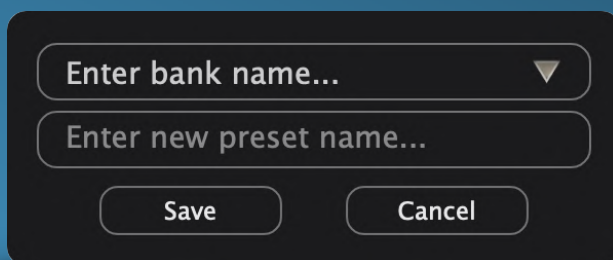
## Save Menu:

- Click to view the save menu options — **Save New Preset**, **Save / Overwrite Preset**, and **Delete Current Preset**.



### Save New Preset

- Click to open the Save dialog window, allowing you to — create a preset bank or save to one already created by selecting from the drop-down menu, and enter a preset name.
- Click the '**Save**' button to save the preset to your **User Presets** folder, or '**Cancel**' to exit.



### Save / Overwrite Preset

- If you make a modification to a loaded User preset, this option will appear and allow you to '**Save / Overwrite**' your preset on disk.

### Delete Current Preset

- Deletes the currently loaded preset from your User Presets folder.

\* The preset will remain loaded so you may further edit and resave as desired. If you do not save a new preset and close and recall your session, a temporary preset will be automatically generated to recall your settings, and you may then save as needed.

## Preset Manager:

The '**Preset Manager**' displays your current selected preset and navigation arrows for quick load ( next/previous ).

You may click the preset name to open its corresponding drop-down menu to show **Factory**, **Collaborator**, **Team** and **User** saved presets and options.

At the very bottom of the presets list you will see the following options...

### Import Preset

- Click to open **Finder ( macOS )** or **Explorer ( Windows )**. From here you may navigate your system and select an available/shared preset file to '**Import Presets**' into your **User Presets** folder.

### Refresh Presets

- Click to '**Refresh Presets**'. If you have imported user shared presets, be sure to click this option to update the preset listing.

### Reload Current Preset

- Click to '**Reload**' the currently selected preset and, recall its saved state parameter settings.

### Open Presets Folder

- Opens your **Finder ( macOS )** or **Explorer ( Windows )** window, to view and organize your User presets and folders. Should you may and changes, click the 'Refresh Presets' option to update the preset listing.

### A/B Preset

- Select between A/B buttons to load a preset, adjust and quickly audition between two sets of parameter value settings. You may also copy your settings between each A or B with a right-click mouse action.

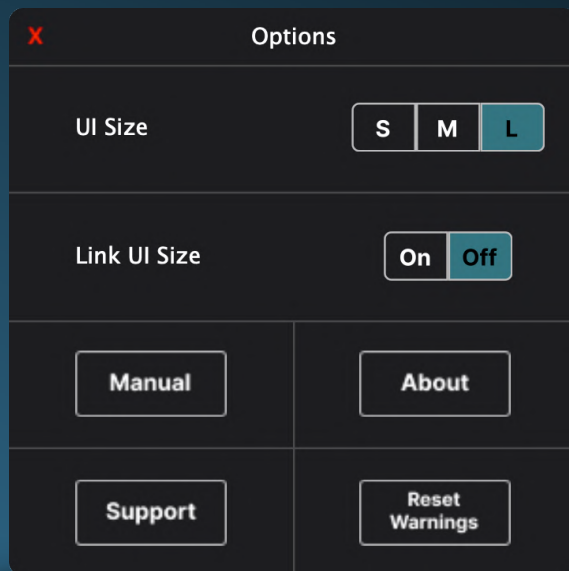


#### **Note;**

**Factory Presets** have been curated as a general guide for noted instrumentation with a pre-input control level of -18 dBFS (Transient-Peak) for the desired effect process based on the designer's source material. The output has been adjusted accordingly as make-up gain.

## Options Menu:

The ‘**Options Menu**’ ( clicking the **Menu** button in the Top Bar ) opens the window panel display to view and set global preferences — **UI Size**, **Link UI Size**, view the **Manual**, **About**, **Contact Support**, **Reset Warnings**.



### UI Size

- Select a preset ‘**UI Size**’ for the plugin. Custom sizing may be set by clicking a dragging the bottom right-hand corner of the interface.

### Link UI Size

- Turn on to link all instances and set their UI Size the same. Note; this option links same plugin formats only ( i.e AAX with AAX, VST3 with VST3, etc ).

### Manual

- Opens the ( “this” ) User Guide in your default PDF viewer/application.

### About

- Click to view the about information for the plugin.

### Support

- Click to contact customer support. Your default mail application will open to send a new email to our support team.

### Reset Warnings

- Click to reset warning dialog windows if you have suppressed them to not show again.

# BB Chamber D — Controls



## Input & Output Trim

- Input and Output controls housed in the topbar provide  $\pm 36$  dB clean gain staging; allowing for precise control and optimal gain structure in and out of the plugin.

## Size Control

- Unlike the fixed physical chamber, adjust the virtual length of the room to create tighter spaces or extended, lush decays without compromising tone.

## Width Control

- Expand the stereo image of the reverb for anything from focused depth to wide, immersive spread.

## Mix Control

- Control the Wet/Dry blend between the original source and the reverb.

## Microphone Selection

All modeled after mics commonly used in the chamber. You may choose between:

- **C24** — balanced and natural
- **R88** — warm and smooth
- **414** — bright and detailed

## Dampening

- Virtually add cushions inside the chamber to alter decay time and tonal character, just like engineers do in Studio D.

## Source Type

- **Direct:** Place the source directly inside the chamber with no speaker emulation.
- **PA:** Modeled after the Studio D PA speaker, adding unique filtering and mix-ready character.
- **HI-FI:** A clean, full-range speaker option that adds clarity and sparkle to the chamber response.

## PreDelay

- Adjust the onset timing of the reverb for added separation and clarity.

## Source Location

- Place your source inside the **Chamber**, or pipe it in from the Studio D **Live Room** — recreating real-world tracking and reamping techniques.

## Input Fader

- Sets the source level input fed into the reverb.

## Output Fader

- Sets the output level of the reverb only.

## Saturation

- Add console saturation from our BB A5 emulation of the Studio D console — ideal for adding warmth, grit, or harmonic richness to the reverb signal.

## **Filters**

- Engage pre and/or post high-pass and low-pass filters for precise tonal shaping.

## **Equalizer**

- A 4-band EQ inspired by the console in Blackbird's Studio D, with fluid gain control for detailed shaping of the reverberated signal.

## **Compressor / Ducker**

- Control the dynamics of the reverb signal with a smooth, musical compressor.
- Activate ducking to allow the dry signal to sit forward while the reverb subtly moves out of the way — great for vocals and lead instruments.

# **Functional Commands**

## **Reset Parameters / Controls**

- **Mac:** Option + Click
- **Windows:** Alt + Click

## **Fine Control**

- Hold Shift and drag the functional control.

## **Manual Value Entry**

- Double-click an applicable control and enter a numerical value.

# Credits

## Development:

- Austin James
- Adam Murdock

## Conceptual Design:

- John McBride
- Matthew Kleinman

## Team Management:

- Jim Collet

## QC / Beta Management / Preset Designer:

- Ashley Smith

## Marketing:

- Taven Romesser