LYDTROLD AUDIO / MADE IN DENMARK

B-verb

Algorithmic reverb with shaped decay



User Manual

English | Manual edition 1.0 | October 2026

Product version: 0.1.23

Native: VST3 and AAX Native; AU on Mac

AAX DSP + Native edition available for compatible HDX systems

lydtrold.com

01 / START HERE

Meet B-verb

Algorithmic reverb with early reflections, diffusion, decay shaping and wet EQ.



Your first session

1. Choose an algorithm and decide between insert and send routing; use Mix 1 for a conventional send return.

2. Set Time, Size and Pre-delay first. Then shape the early/late balance and diffusion.

3. Use Low/High Decay and wet EQ to make space for the dry source. Check the tail between phrases.

02 / REFERENCE

Controls and behaviour

Names follow the front panel; alternate host parameter names are included where useful. Ranges describe control values, not recommended settings.

CONTROL	RANGE / OPTIONS	HOW TO USE IT
Algorithm	Natural Hall / Studio Room / Chamber / Plate / Ambience / Bloom Space	Chooses the space family.
Input / Output	-24 to +12 dB each	Sets input drive and final output level.
Time	0.1-30 s	Sets the main decay duration.
Size	0-1	Changes apparent space size.
Pre-delay	0-500 ms	Delays the reverb onset relative to the dry source.
Diffusion / Density	0-1 each	Controls reflection smoothness and density.
Bloom / Modulation	0-1 each	Shapes tail growth and movement.
Low Decay / High Decay	0.25-4x / 0.15-1.5x	Scales low and high decay relative to the main Time.
Decay Crossover	80 Hz-8 kHz	Divides the decay-shaping regions.
Tone	500 Hz-22 kHz	Adjusts the reverb high-frequency balance.
EQ Low Cut / EQ Mud	20-300 Hz / -12 to 0 dB	Removes low energy and reduces muddy wet tone.
Early / Late	0-1	Balances early reflections and the late tail.
Width	0-2	Adjusts stereo spread.
Mix	0-1	Dry/wet balance; 1 is fully wet.
De-Mud 65 Hz	On / Off	Enables the additional low-frequency cleanup stage.
Mono / Polarity / Bypass	On / Off	Provides mono checking, polarity inversion and complete comparison.

03 / IN PRACTICE

Workflows and troubleshooting

Clear vocal hall

Separate the voice with Pre-delay, shorten High Decay for a darker tail and remove excess low energy with wet EQ.

Growing ambient space

Increase Time and Bloom, then introduce Modulation. Print the result when an exact evolving tail must be retained.

If the result is unexpected

Too much low-frequency buildup. Reduce Low Decay, raise EQ Low Cut or reduce EQ Mud.

Reverb obscures the next phrase. Shorten Time and lower Mix or the send return level.

04 / INSTALLATION AND SESSIONS

Install, recall and get help

Download and install

Visit https://lydtrold.com/installer and download the public Lydtrold Installer for your platform. Close your DAW before installing or updating. For AAX, Pro Tools must be fully closed. Enter the licence key associated with your purchase or Free Collection, select the product and required formats, then install.

Choose the format

Use AU in compatible Mac hosts, VST3 in compatible Mac or Windows hosts, or AAX Native in Pro Tools. The AAX DSP edition runs on compatible Pro Tools HDX systems and includes the Native formats. Select the edition covered by your licence.

System compatibility

The public Mac plug-ins support Intel from macOS 10.15 and Apple silicon from macOS 11. The current public Mac installer requires macOS 12 or later. Use a compatible 64-bit DAW and check the product page for current platform and format availability.

Recall and automation

Save the DAW session and use supported host presets to retain parameter settings. Automate sound controls exposed by the installed edition in the host. Display-only meters and analysis results are not sound parameters. Save a preset before resetting or making major changes.

Support

Visit https://lydtrold.com/contact. Include the product name and installed version, operating system, DAW version, plug-in format and relevant routing. Describe the steps that reproduce the problem and the expected result.

Manual edition 1.0, 26 October 2026. Covers the public product version shown on the cover. Manual editions and plug-in versions are separate. Illustrations show the published product interface.