



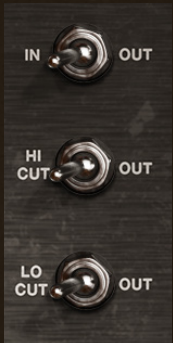
WELCOME TO HAMMER DSP

The original Hammer EQ is a 'hybrid tube eq', so named because it combines modern solid state technology (in the filter stages) with more classic, tube output amps. This combination quickly earned it a place on mix busses everywhere because it married the soft, top end sheen of tubes with the tighter, more focused modern low end. The thick, fiery midrange is icing on the cake. The Hammer DSP plugin replicates the hardware's filters faithfully, while adding convenient features as only plugins can do.

HAMMER DSP

DEEPER INTO THE CONTROLS

THE CONTROLS



IN / OUT This switch, present on each channel, allows you to bypass Hammer DSP's bell filters while leaving the output color and saturation active, along with the Hi/Lo Cut filters (if they're engaged).

HI CUT When engaged, this switch activates a gentle 6dB/octave low-pass filter at 8kHz.

LO CUT When engaged, this switch activates a gentle 6dB/octave low-pass filter at 80Hz.

NOTE ON THE FILTERS On their own, the above filters may seem a little too drastic, but they were designed to be used in conjunction with a compensatory boost on the neighboring bell. Try engaging the Hi Cut with an aggressive 6-9dB boost at 7.5k, 10k, or even 15k, and marvel at how much smoother and more focused the top end becomes. Try the same with Lo Cut and 30Hz or 50Hz on the boost. It's an incredibly useful effect.



EQ Each Channel has its own set of three bell-type filters. The knob on the bottom selects the frequency, the knob above boosts or cuts as desired with a range of +/- 12dB. By default, the plugin operates in Stereo mode, so a change on one channel will be mirrored on the other.

Switching to Dual-Mono mode allows the plugin to behave like the hardware, with each channel's controls operating independently. Each mode stores its own settings so you can compare and use whichever sounds best on your material. The parameters automate separately as well, so your automation in Dual Mono mode will not be affected by Automation recorded in Stereo mode, and vice-versa.



OUTPUT GAIN The output knob allows you to tweak your overall output level +/- 9dB, to compensate for any overall level changes that arise from your EQ settings.

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DSP / AUXILIARY CONTROLS



BYPASS Bypasses Hammer DSP (Bonus: Clicking the blue lamp will Bypass the plugin as well!)

STEREO / DUAL MONO This switch allows the operator to swap between Stereo and Dual Mono modes. In Stereo Mode, both channels are affected simultaneously. In Dual Mono, the left and right controls may be tweaked independently. Each mode stores and automates its own settings so you can compare and use whichever works best on your material.

POLARITY (Ø) Toggle this switch to invert the polarity (aka “flip the phase”) of the Hammer DSP Output.

HELP Press this button to go directly to this manual page at thehouseofkush.com, where you can find links for downloading updates, contacting support, and more!

HAMMER INFO Click to view a handy reminder of what all these fancy controls are for.

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PRESET MANAGEMENT



BANK Banks are handy ways to organize groups of presets into categories you create. To select a bank, click directly on the current bank name and a dropdown list will appear. Select New to add a new bank to this list. Select Rename to rename the current bank, editing directly on the name itself. Select Delete to delete the current bank. **WARNING** deleting a bank deletes ALL of the presets within that bank, and cannot be undone. A warning dialog will appear to confirm you wish to do this, please choose carefully!

PRESET A preset stores the state of every knob and switch on the main GUI, as well as the state of the Sidechain select, Polarity switch, and detector Link. Use this to save and recall your favorite settings, trade settings with other Hammer DSP users, and import new banks from UBK whenever he can remember to do such things.

To select a preset, click directly on the current preset name and a dropdown list will appear. Select Save As to create a new preset in the current bank. Select Save to overwrite the current preset.

STATUS LED This light indicates whether the current state of Hammer DSP's controls is identical to the settings in the currently active preset. Green indicates that the Hammer DSP's settings and the preset are identical, Red indicates that controls have been changed since the preset was loaded. **WARNING** If you load a different preset when the Status LED is Red, you will lose the changes you've made to the current preset.

PRESET MANAGEMENT TIP It's common practice to organize presets by Instrument type, such as Drums, Guitars, Mix Bus. But consider organizing some by tone, attitude, or theme. UBK's preset folders contain banks named 'fast and aggressive', 'smooth and open', 'slow but dirty' etc. These allow you to explore textures regardless of what instrument you're focusing on, and can promote a different state of mind when mixing, namely one that thinks in terms of color and personality.

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WHAT'S NEXT?

GOT QUESTIONS?

We've got answers! Head to www.thehouseofkush.com/support for all your plugin support needs.

INTO ANALOG?

Ready to pull the trigger on some of Kush's Analog options? Head to www.thehouseofkush.com/analog to read up on all the latest Kush has to offer. Watch videos, hear demos, and drool over the fantastic, warmth and detail only Analog can bring to your sound.

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