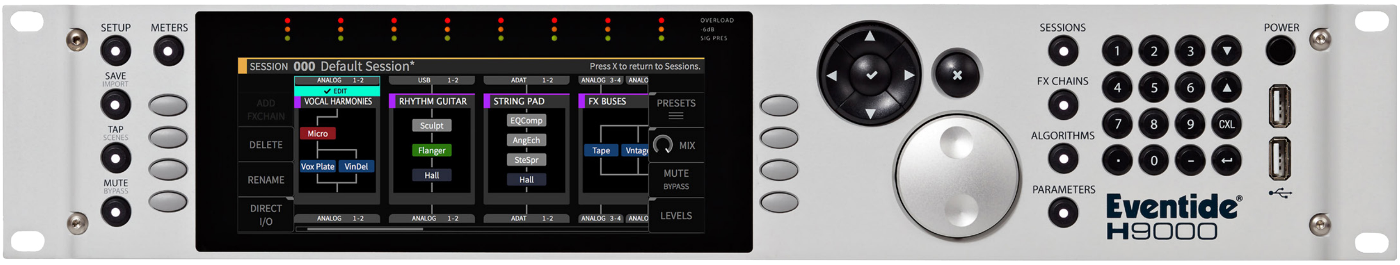
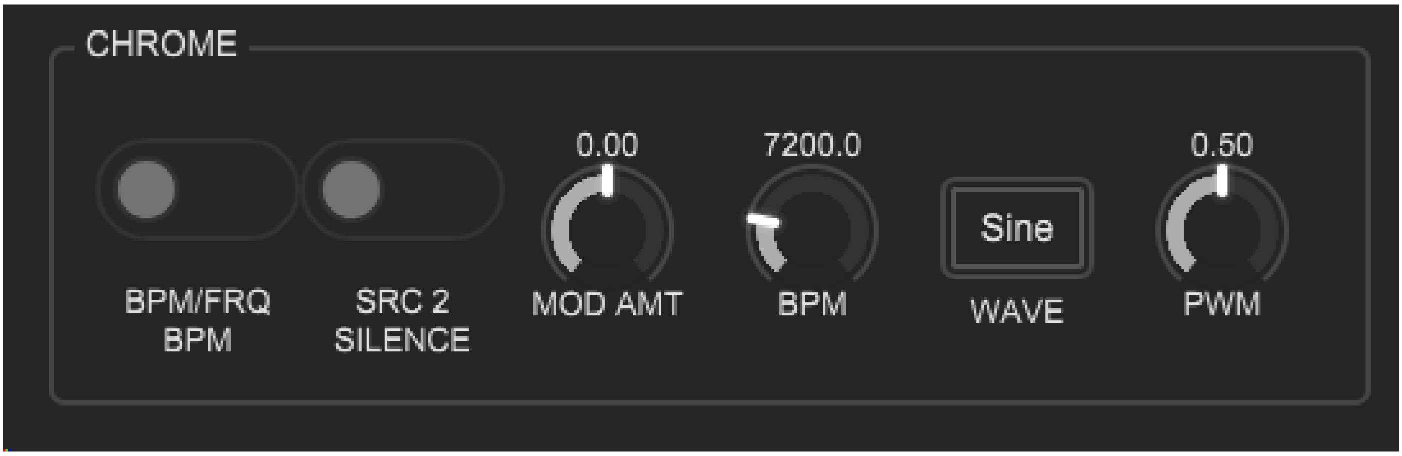


Instruction Manual

Chrome



Godlike Productions

Creating Art from Technology

Revision 1.00

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Caution

Ensure you have backed up all algorithms and other data of your H9000 prior to use of this product. You use these algorithms, chains, presets, sessions and/or other content entirely at your own risk and to all extents allowable under the law of Western Australia, Godlike Productions is not liable for loss of damage, direct, consequential or otherwise.

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Getting Started

This manual is for a custom algorithm for the Eventide H9000 available at https://godlike.com.au/index.php?id=420. The Chrome algorithm can be downloaded either as an algorithm that you can import from a USB drive (FAT32 formatted) onto your H9000 from the front panel, via Emote, or that can be uploaded via VSIG 3.3.3 or later.

There will also be a copy of this manual in PDF format. If you lose your copy of the files, please contact us at https://godlike.com.au/index.php?id=contact and we will be happy to send you another copy, or re download the algorithm from the link above. This manual will be available within the zip file.

Installation and Activation

Method 1 - Install from USB

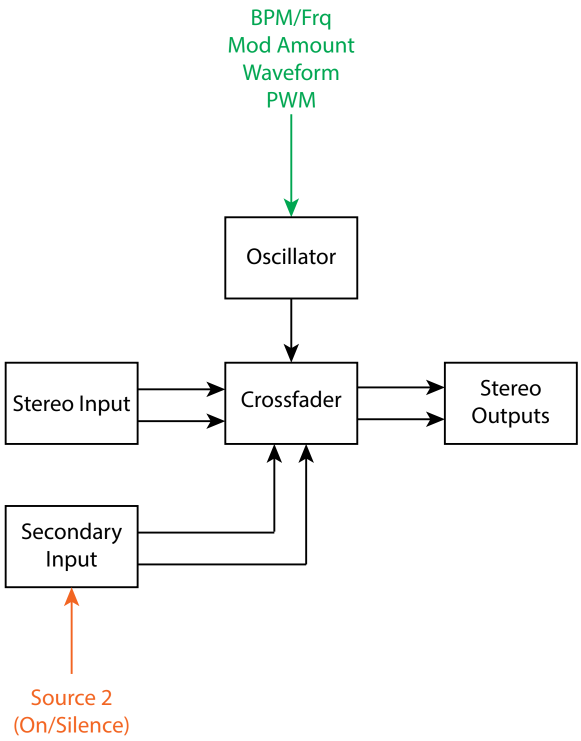
- Unzip the Algorithm and any presets. Copy Chrome.h9a as well as the .9kp files to your USB drive and insert into your H9000.
- Long press the front panel Save/Import button; the Load Options screen will appear.
- Use the cursor up/down buttons or the wheel to navigate to Algorithms and press the Enter Key.
- Use the cursor up/down keys or wheel to select the Chrome algorithm and then press the SELECT Key.
- If you do not wish to load presets, then you can use this algorithm as is. If you wish to use the presets, you will need to repeat this proceedure until this algorithm appears as algorithm 10174. If you have installed to 10174, copies at lower numbers can be safely deleted using Emote (see below).
- Open the .9kf files from your USB drive using the same procedure.

Method 2 - Install from Emote

- Unzip the Algorithm and any Presets.
- In Emote, select Algorithm -> Import
- Navigate to the unzipped Chrome.h9a file and press open.
- If you do not wish to load presets, then you can use this algorithm as is. If you wish to use the presets, you will need to repeat this proceedure until this algorithm appears as algorithm 10174. As this algorithm uses chains, not presets, the our H9000 preset tool will not work at this time (December 2022). We will endevour to update our tool to work with User Chains.
- You can safely delete lower numbered algorithms used to bump this to 10174 by right clicking on the lower numbered algorithm and selecting Delete. Continue doing this until the only copy of Chrome is the one loaded into slot 10174.
- To load the chains select Chains and then Open. Navigate to the .9kf chain files and press Open. Repeat for each chain.

Setting Things Up

The diagram below shows the signal flow of this algorithm.



Parameters

Parameter	Description	Range
BPM/Frq	This selects the crossfader speed control in eiher BPM or Hz.	BPM, Frq Default: BPM
Src2	This switches between silence (produces a very fast tremelo) and Inputs 3 and 4.	Silence, Ins 3/4 Default:Silence
Mod Amount	This modifies the magnitude of the crossfading. Negative numbers invert the phase.	-1 to 1 Default: 0
BPM	When BPM/Frq is set to BPM this control is visible. It sets the modulating Oscillator to a BPM rate.	20 to 32,767 Default: 7200
Frequency	When BPM/Frq is set to Frequency this control is visible. It sets the modulating oscillator rate in Hz	0 to 20,000 Default: 120
Wave	Sets the Oscillator Shape	Sine, Triangle, Square, Peak, Ramp Default: Sine
PWM	Sets the pulse width modulation amount for most of the wave forms	0 to 100% Default: 50%

This algorithm is a bespoke sound design tool that is inspired by the mix beat algorithm from the Kurzweil K2x00 series samplers. The chrome effect is essentially a very high rate tremelo/cross fader effect. If you ramp the BPM up to ludicrous speed and set one sample to silence, he described the result as dipping your sample into liquid chrome.

I've reproduced this here, allowing you to chrome a sample in real time. You can also mix 2 inputs to chop between the 2 sources very quickly. This sounds great with the wormhole reverb after the effect.

Chrome is pretty simple. Just increase Mod Amount to hear the effect and mess with the other controls to suit. Sine and Triangle LFO's give the smoothest result, harder edges like saw's and square waves give a harsher tone.

Wire in a second sound source to 3/4 if you want to mash 2 sounds together.

For a demo of this algorithm visit https://youtu.be/4fwmMPlpnec