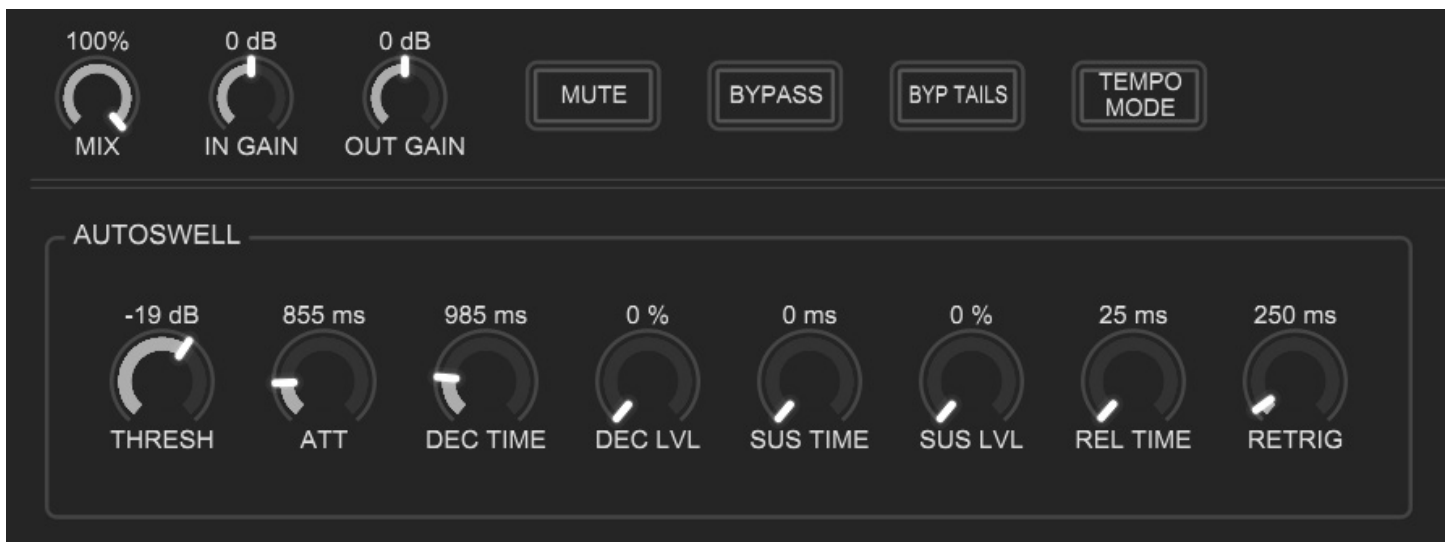




Instruction Manual

Autoswell



Godlike Productions



Creating Art from Technology

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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 Autoswell 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, or via Emote.

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, or manual from the link above. This manual will be available within the zip file.

Installation and Activation

Method 1 - Install from USB

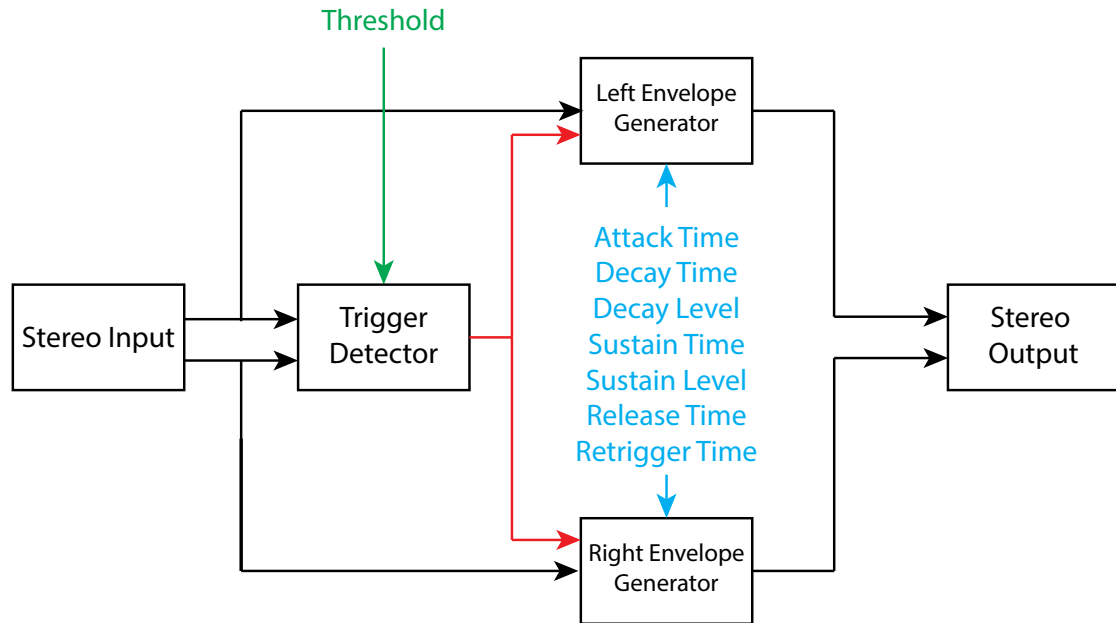
- Unzip the Algorithm and any presets. Copy Autoswell_2748621672.9ka as well as the .9kp files to your USB drive and insert into your H9000.
- Long press the front panel Save/Import button; the Load Options screen will appear.
- Use the cursor up/down buttons or the wheel to navigate to Algorithms and press the Enter Key.
- Use the cursor up/down keys or wheel to select the Autoswell 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 procedure until this algorithm appears as algorithm 10122, or you can install it and use our H9000 Preset Tool to renumber your Presets to the location where you have installed this algorithms. If you have installed to 10122. Copies at lower numbers can be safely deleted using Emote (see below).
- After you have used the Preset Tool, open the .9kp 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 .9ka 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 procedure until this algorithm appears as algorithm 10122, or install it, and then use our H9000 Preset Tool to remap the presets to the algorithm install location.
- You can safely delete lower numbered algorithms used to bump this to 10122 by right clicking on the lower numbered algorithm and selecting Delete. Continue doing this until the only copy of Stereo Summing Mixer w Drive 7 is the one loaded into slot 10122.
- To load the presets select Preset and then Open. Navigate to the .9kp preset files and press Open.

Setting Things Up

The diagram below shows the signal flow of this algorithm.



Parameters

Parameter	Description	Range
Threshold	The level at which the envelopes trigger. The threshold releases at 5% of full scale below the threshold.	0 to -50dB
Attack Time	The time from when the envelope is triggered to when the autoswell reaches maximum volume	0 - 5000ms
Decay Time	After the envelope reaches maximum volume, this is the time to reach the decay level	0 - 5000ms
Decay Level	The level that the signal drops to at the end of the delay time. This defaults to 100%	0-100%
Sustain Time	The amount of time from the end of the decay segment before it reaches the sustain level	0 - 5000ms
Sustain Level	The level at the end of the sustain segment. The level will be maintained at this level until the level falls below the threshold, where the envelope will enter the release section.	0 - 100%

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Parameter	Description	Range
Release Time	Once the level falls 5% below the threshold level, this is the amount of time for the envelope to decay to silence.	0 - 5000ms
Retrigger Time	The envelope will not retrigger during this time	0 - 5000ms

This algorithm detects the input level and when it exceeds the threshold it triggers an envelope that controls the output volume. The attack time controls how long for the swell to full volume, and the decay and sustain segments allow for additional shaping of the sound, in a similar way to a synthesizer envelope.

For a demo of this algorithm visit <https://youtu.be/2gDS-1bwwvM>

