

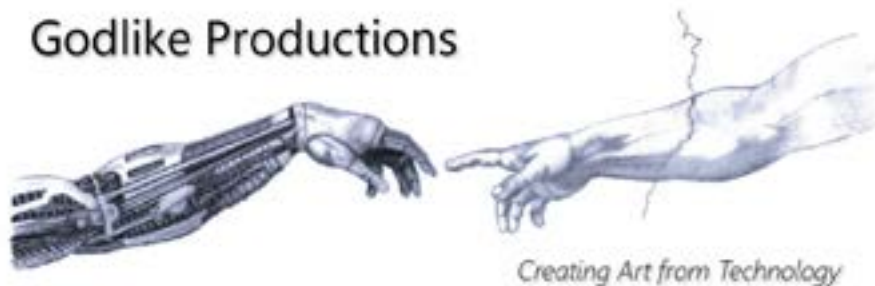


Instruction Manual

Dub Delay Para



Godlike Productions



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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 SDub Delay Para 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

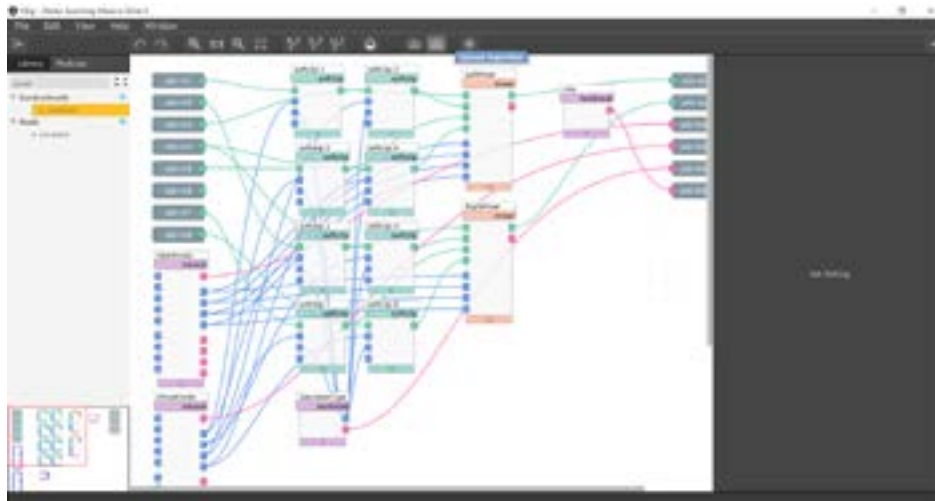
- Unzip the Algorithm and any presets. Copy Dub Delay 5_2905441543.9ka as well as the .9kp files to your USB drive and insert into your H9000.
- Long press the front panel Save/Import button; the Load Options screen will appear.
- Use the cursor up/down buttons or the wheel to navigate to Algorithms and press the Enter Key.
- Use the cursor up/down keys or wheel to select the Dub Delay 5 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 10118. Copies at lower numbers can be safely deleted using Emote (see below).
- Once 10118 is installed, open the .9kp files from your USB drive using the same procedure.

Method 2 - Install from Emote

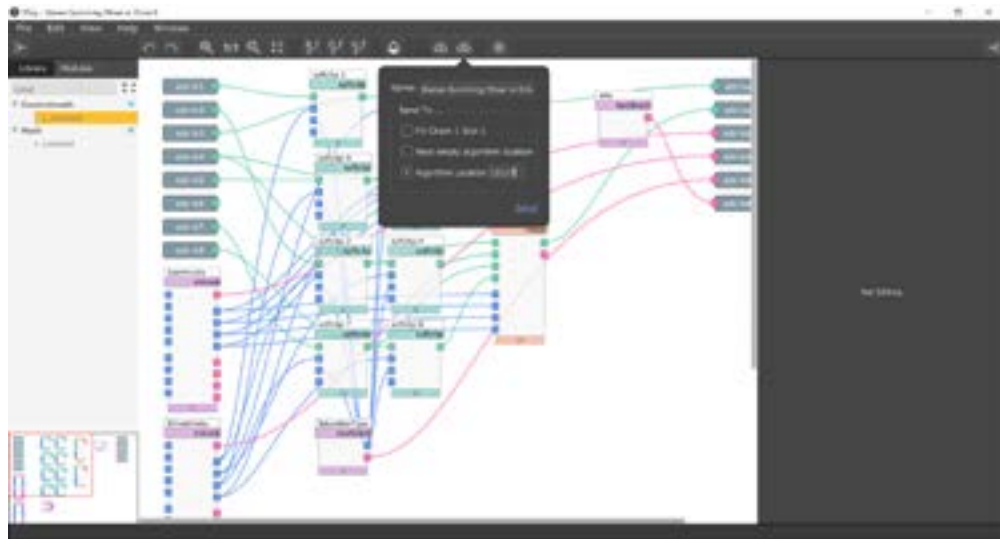
- Unzip the Algorithm and any Presets.
- In Emote, select Algorithm -> Import
- Navigate to the unzipped .9ka file and press open.
- If you do not wish to load presets, then you can use this algorithm as is. If you wish to use the presets, you will need to repeat this procedure until this algorithm appears as algorithm 10118.
- You can safely delete lower numbered algorithms used to bump this to 10118 by right clicking on the lower numbered algorithm and selecting Delete. Continue doing this until the only copy of Dub Delay 5 is the one loaded into slot 10118.
- To load the presets select Preset and then Open. Navigate to the .9kp preset files and press Open.

Method 3 - Install using VSIG

- Unzip the Dub Delay 5.sig2 file.
- Open this file within VSIG
- Ensure that VSIG is connected to your H9000
- Select the Upload Button



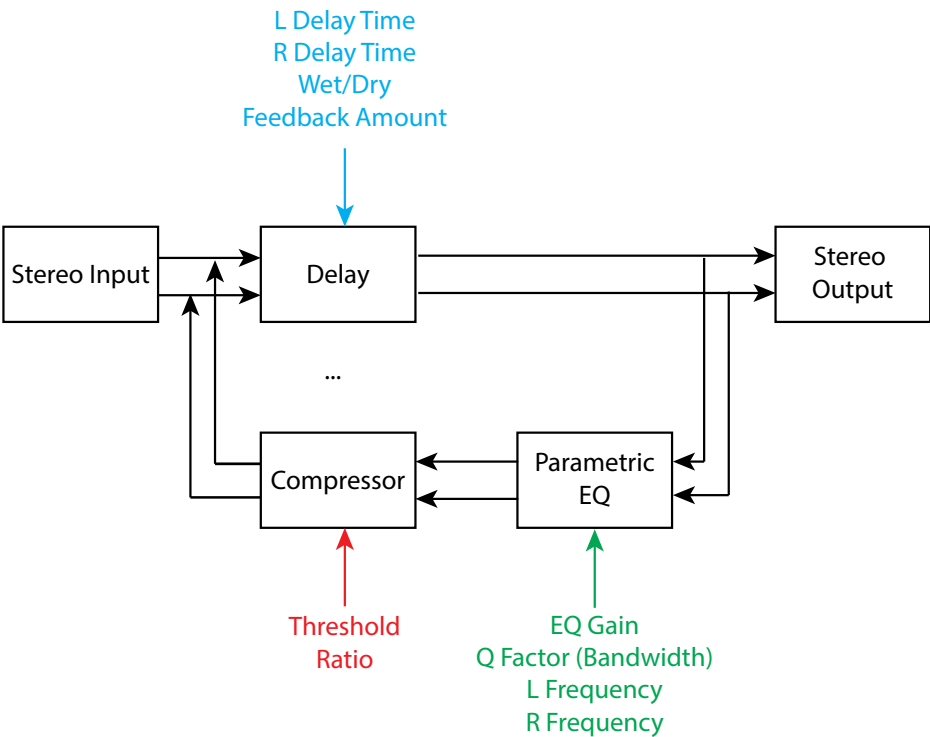
- Select Algorithm Location and type “10118” into the text box. Press Send.



- Presets cannot be loaded via VSIG. Install these either from Emote or from the front panel via USB.

Setting Things Up

The diagram below shows the signal flow of this algorithm.



Parameters

Parameter	Description	Range
L Delay Time	The delay time for the left signal	0 - 2000 ms
R Delay Time	The delay time for the right signal	0 - 2000 ms
Wet/Dry	Adjusts the amount of dry/unaffected signal that passes to the outputs. Negative values invert the wet signal.	-100 to 100%
Feedback Amount	The gain of the signal fed back to the delay. Negative values invert the signal.	-100 to 100%
EQ Gain	The amount of boost (or cut) from the EQ band. This affects both the left and right signal.	-18 to 18dB
Q Factor	This is the bandwidth of the EQ band. Low values give broad gentle curves, high Q will boost or cut a narrow frequency band. High levels of Q can sound harsh. Bandwidth is the frequency/Q	0.5 - 10
L Frequency	The centre frequency of the EQ curve applied to the left signal.	50Hz-5kHz

Parameter	Description	Range
R Frequency	The centre frequency of the EQ curve applied to the right signal.	50Hz - 5kHz
Threshold	The level of the feedback signal that triggers the compression to start attenuating the signal.	-40 to 0dB
Ratio	The amount that the signal is attenuated for every dB that the signal exceeds the threshold.	0 - 10

This algorithm emulates Dub Delay that many producers create using a mixer channel and an effects send to a delay unit. The delayed signal is fed back into another channel that sent back to the same delay send. The channel EQ's are often used to create spiralling and psychedelic effects.

In this implementation we have added a compressor to the feedback path to reduce runaway feedback. The knee is fixed at 6dB, attack is fixed at 0.01 seconds and decay is fixed at 1 second.

For a demo of this algorithm visit <https://youtu.be/frK7iF6gRtk>