Product Overview

Decimort 2 v2.3.2

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Key Points

Vintage DA Sound

The coloration and warmth characteristic of circuits from classic samplers recreated with painstaking accuracy

Far more than just a bit-crusher

Approximative anti-alias filter and image filter, adjustable jitter and dithering, and two alternative quantization algorithms for total control over the process.

Multimode filter

Works in pre or post, along with a resampler module to allow further sculpting of the signal.

Overview

Decimort recreates the colouration and adds the vintage sampler's magic to any sound

Electronic music (especially Hip-Hop) producers have long been aware that classic samplers (such as early Akai and E-MU units) had a character and sound all their own: they added a "grit" and "color" to the samples and loops they played back which made them sound "fat" and sit well in a mix. This sound coloration was due to the encoding techniques, lower sample rate and bit depth, and conversion circuits used by these early samplers. Decimort recreates this coloration and adds that vintage sampler magic back to any loop, any bassline, or any sound played through it for that matter! Beyond vintage sampler emulation, it's also the perfect bit-crusher with filter, capable of extreme settings for dramatic results.

Two quantization methods

Two available quantization methods; the mid-raiser and mid-tread decimation algorithms, each of them characterized by a drastically different dynamics response.

Controllable dithering

Dithering was conceptually developed as means to reduce audible quantization errors by masking the harmonic distortions they cause. We added controllable dithering to increase number of ways in which you can (mal)treat the sound.

Approximation filter

A very steep low-pass pre filter (Approximative Filter) coupled with the resampling frequency that removes all harmonic content above it, ensuring no aliasing will appear below this frequency in the spectrum.

Adjustable jitter

An unprecedented feature in the bit crusher's world which introduces short-period, random fluctuations to the resampling frequency, thus making the process even more sonically interesting by producing a type of harmonic distortion you've likely never heard in this context

Images filter

Post-resampling filter (Images filter) is synchronized with the resampler, gives control over amount of aliasing images appearing above resampling frequency when enabled.

More features

- **Ultra accurate resampling**
  ADC emulation with zero internal aliasing and no harmonics above 22kHz
- **Screen fit**
  Several UI sizes and HiDPI support for better screen fit
- **MIDI Learn**
  For easy controller assignment

System requirements

(i) 32-Bit architecture means the product is appropriate for host applications working in 32-Bit mode. 64-Bit means compatiblity of the product with 64-Bit host applications.

(ii) Hardware requirements / recommendations are based on estimates performed on available computers at D16 Group HQ, and therefore cannot cover all possible configurations available on the market. CPU usage may vary widely depending on the manner in which the product is used. Factors that may contribute to variance in CPU usage include particular patch and its complexity, the global quality setting, project sample rate. In order to form a better understanding of how a plug-in will behave within your current setup, we highly recommend downloading the demo and giving it a try.

(iii) This product is not a standalone program so you need a host application to use it.

Windows

OS version	Windows 7 - Windows 11
Architecture [(i)]	64-Bit, 32-Bit
CPU [(ii)]	Intel x86 / AMD x86
Software [(iii)]	VST2 / VST3 / AAX compatible application
Sample Rate	$\geq$ 44.1 kHz

MacOS

OS version	10.13 - 14
Architecture [(i)]	64-Bit
CPU [(ii)]	Intel x86 / Apple Silicon
Software [(iii)]	VST2 / VST3 / AAX / AU compatible application
Sample Rate	$\geq$ 44.1 kHz