



**Sinevibes**  
audio innovations

## Drift fractal modulator



# Overview

**Drift is an AudioUnit effect plugin that adds smooth chaotic motion to any sound.**

It features a two-dimensional fractal generator that produces endlessly developing waveforms and is unique per each audio channel. The generator output is then applied onto sound level and filter cutoff frequency and allows you to create various ever-changing, widely stereoscopic modulation effects: pan fluctuations, infinite crossfades, random filtering and tremolo, chaotic wobble, and more. With a very simple interface, Drift can easily bring life and movement into any type of sound.

## Features

- Two-dimensional fractal generator with variable speed and smoothness.
- Sound level and filter cutoff modulation.
- Intuitive, resolution-independent user interface.

## Compatibility

Drift requires Mac OS 10.5 or later. It is a Universal Binary with 32 and 64 bit compatibility. You will also need an AudioUnit host application that supports Cocoa user interface technology. Please make sure to install the demo version to test Drift on your system.

# Installation

## Installing Drift

To install Drift, simply open the disk image and then double-click the installer package. Follow the few next steps in the installer dialog, and then you will find Drift in all compatible host applications.

## Removing Drift

- Open Finder.
- Navigate to the folder */Library/Audio/Plug-Ins/Components*.
- Move the file *Drift.component* to the trash.

## Getting support

Should you need any help with Drift, please do not hesitate to contact [Sinevibes support](#) via our site.

# Drift basics

In the core of Drift lies a fractal generator based on a Lorenz attractor, which is an endlessly changing chaotic system. This generator is unique per each audio channel, and in each of them it produces two different but correlated modulation signals (as a two dimensional image they look like a double vortex). One of these signals is applied onto the sound level, and another one on the filter cutoff frequency.

Depending on the fractal generator speed, smoothness and modulation depth, Drift can produce various ever-changing, widely stereoscopic modulation effects, including pan fluctuations, infinite crossfades, random filtering and tremolo, chaotic wobble, and more.

Drift is best used on sources that have little or no motion in them, such as slow drones, pads, atmospheres, and other ambient sounds. Experiment sounds which are distinctly different in left and right channels, such as panned oscillators with different pitches. You will quickly see how many lively transformations Drift can apply onto these kinds of sounds.

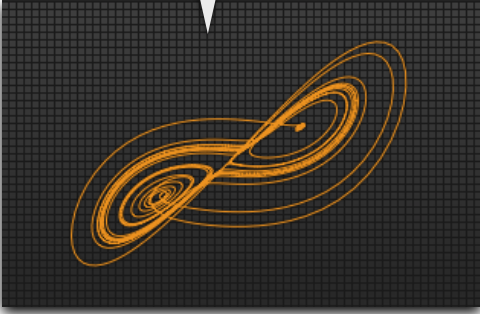
The user interface of Drift is color-coded with fractal generator elements in **orange** and filter elements in **blue**. On all controls, command-click resets them to default position. Every parameter of the plugin can be automated through the host application.

To save a screenshot of Drift, hold down Control, Option and Command, and then click anywhere on the interface.

# Drift user interface

## Fractal shape

Shows the fractal generator output as a two-dimensional figure.

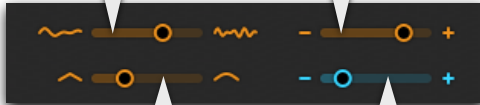


## Fractal speed

Adjusts the speed of the fractal generator.

## Level depth

Adjusts the depth of sound level modulation.



## Fractal smoothness

Adjusts the smoothness of the fractal generator output.

## Filter depth

Adjusts the depth of filter cutoff frequency modulation.

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## Transferability

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# Version history

- 1.1.4 – Fixed fractal generator smoothness parameter not being applied onto filter cutoff modulation
- 1.1.3 – Top bar indicating plugin title and version
- 1.1.2 – Support for parameter automation begin/end gestures
  - Improved user interface with new slider shape and enhanced color contrast
  - User interface screenshot can now be saved in PNG format
- 1.1.1 – Improved user interface with enhanced controls and color contrast
  - Fixed rare plugin initialization and validation issues
- 1.1.0 – Completely redesigned user interface with enhanced controls
  - Re-calibrated parameter and modulation response for more natural sound and feel
  - New filter modulated by the fractal generator
  - Improved stability of plugin initialization
  - Screenshot saving functionality
- 1.0.1 – Fixed plugin control issues when multiple instances are open
- 1.0.0 – Initial release