



# Things - Fold

User Guide

v1.0

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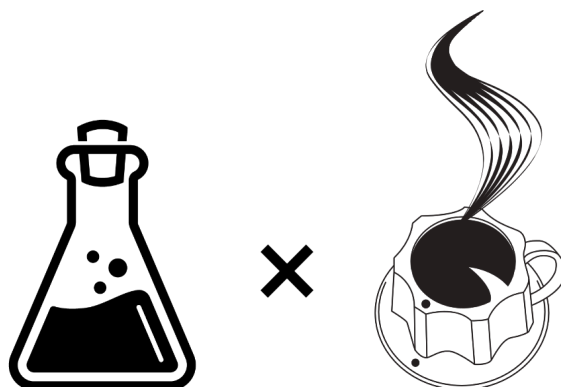
# Things - Fold

*Dynamic Wavefolder*

**Things - Fold** is a versatile wavefolder plugin designed for both subtle and extreme dynamic saturation. Inspired by the legendary Serge Wave Multipliers, known for their classic diode-based circuit design, Fold combines wavefolding with an envelope follower, low-pass and high-pass filters, and adjustable feedback. This combination allows for a wide range of creative sound design possibilities, from gentle harmonics to crunchy distorted sounds.

Wavefolding is a type of waveshaping where the signal is *folded* back on itself. Instead of clipping the signal, wavefolding inverts the waveform, creating a series of peaks and valleys. It can be highly effective for adding complex harmonics to basic waveforms. Depending on the settings, wavefolding can also be used for mild saturation to subtly color a signal or pushed to extremes for intense, aggressive distortion.

Things - Fold is available for MAC, PC, and LINUX (VST, VST3, AU, AAX, CLAP, 64-bit only), and also as AUv3 and Standalone on the App Store.



Things - Fold was made in collaboration with [Synth Cafè](#), an Italian group dedicated to the world of synthesizers founded in 2011.

# Installation

## macOS

- Double click on the DMG archive to extract it
- Right click on the PKG installer and click open
- Follow the instructions to install the plug-in(s)

## Windows

- Extract the ZIP archive
- Double click on the setup file (.exe)
- Follow the instructions to install the plug-in(s)

## Linux

- Extract the tarball archive
- Run `./install.sh`
- Follow the instructions to install the plug-in(s)

# Registration

You can open the registration window by clicking on the icon ☰ next to the bypass button, in the top-right corner.

## Online

- If you haven't created an account yet, you can [sign up here](#)
- Just input your credentials into the text fields and click on Log In.



The screenshot shows a dialog box titled "Log in to authorize" with a flask icon at the top. It contains two input fields: "Email" with an envelope icon and "Password" with a key icon. Below these is a radio button labeled "Remember me". At the bottom, there is a "Log In" button, a "Forgot Your Pass?" link, and a "Sign Up" link.

## Offline

- Download the license file from your [account](#).
- Just drag and drop the license into the registration window or click on the *Load License File* button and browse to the downloaded license.



The screenshot shows a dialog box titled "Offline activation" with a flask icon at the top. It contains the text "Drop the license file here or" and a "Load License File" button.

# Parameters

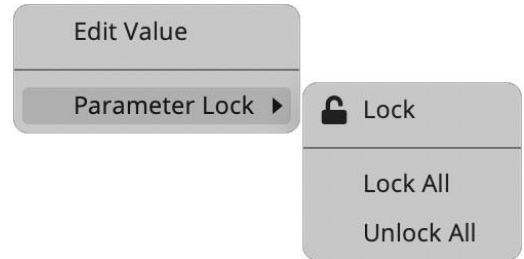
<i>Fold</i>	Adjusts the level of gain applied to the signal before it undergoes wavefolding. Increasing this setting will boost the input signal's gain, resulting in a more pronounced folding effect.
<i>Envelope</i>	Controls the amount of envelope follower applied internally to the Fold parameter.
<i>Atk</i>	Controls the attack time of the envelope follower.
<i>Rel</i>	Controls the release time of the envelope follower
<i>Pre / Post</i>	Switches the order of processing between the filters and feedback relative to the wavefolding stage.
<i>Feedback</i>	Controls the amount of feedback to be applied.
↳ <i>LowPass</i>	Controls the cutoff frequency of the low pass filter applied to the feedback loop.
<i>Highpass</i>	Controls the cutoff frequency of the high pass filter.
<i>Lowpass</i>	Controls the cutoff frequency of the low pass filter.
<i>Input</i>	Controls the level of the signal entering the wavefolder. Increasing this setting boosts the input signal, which influences the intensity of the wavefolding effect.
<i>Mix</i>	Controls the mix between Dry and Wet signals.
<i>Output</i>	Controls the amount of the output signal

# Features

## Parameter Lock

If you want to keep the value of one or more parameters while changing presets, or when using the randomizer button, you can use the *Parameter Lock* feature.

Right-click on a parameter and choose *Parameter Lock*.



*Lock / Unlock* If locked, the parameter won't be updated when changing presets

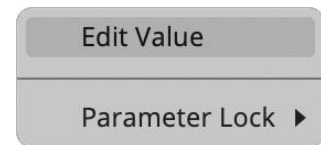
*Lock All* Locks all parameters

*Unlock All* Unlocks all parameters

## Edit Value

You can also manually adjust the value for knobs and sliders.

Right-click on a parameter and choose *Edit Value*. You can also access this feature with SHIFT + Click.



By clicking on the icon ≡ you can access additional features.

## Oversampling

You can oversample the plugin up to 16x. This is useful to avoid unwanted aliasing, but it can be heavy on the CPU.

## Preset Copy / Paste

You can easily share presets by using this Copy/Paste feature.

*Copy to Clipboard* The status of all parameters will be saved to the Clipboard

*Paste from Clipboard* Load a preset from the Clipboard

## **Enable / Disable Notifications**

You can enable or disable the notifications for updates and news (shown by the bell icon). This option is global and it will affect all AudioThing plugins.

## **Swap Mouse Buttons**

If you are using the right button as your primary mouse button, the plugin might not recognize it. Use this option to enable it internally in the plugin.

This option is global and it will affect all AudioThing plugins.

## **GUI Acceleration**

You can enable or disable the GUI acceleration supported by your system.

## **Graphics Controls**

This feature allows you to modify the User Interface's Brightness and Contrast.

## **Window Size**

You can resize the plugin window using three predefined sizes (*small, standard, big*).

You can also resize the plugin window by clicking and dragging the bottom-right corner of the interface. Double-clicking will reset to the standard size.



# End

## Where is everything?

The installer will place the plugins, presets, and other data in these folders.

### macOS

AU     /*Library/Audio/Plug-ins/Components/*  
VST     /*Library/Audio/Plug-ins/VST/*  
VST3    /*Library/Audio/Plug-ins/VST3/*  
CLAP    /*Library/Audio/Plug-ins/CLAP/*  
AAX     /*Library/Application Support/Avid/Audio/Plug-Ins/*  
Data     /*Users/Shared/AudioThing/*

### Windows

VST     *custom path from installer*  
VST3    \*Program Files\Common Files\VST3\*  
CLAP    \*Program Files\Common Files\CLAP\*  
AAX     \*Program Files\Common Files\Avid\Audio\Plug-Ins\*  
Data     \*Users\Public\Public Documents\AudioThing\*

### Linux

VST     ~/.*vst/*  
VST3    ~/.*vst3/*  
CLAP    ~/.*clap/*  
Data     ~/.*local/share/AudioThing/*

## Credits

DSP & Code	<i>Carlo Castellano</i>
Inspiration	<i>Luca Minelli, Synth Cafè</i>
Design	<i>John Gordon</i>
QA	<i>Giuseppe Marrazzo</i>

## EULA

Please visit [www.audiothing.net/eula/](http://www.audiothing.net/eula/) to review this product EULA.

## Thank You

Thank you for your purchase! We hope you will have as much fun using it as we had making this product.

For support, please visit [www.audiothing.net/support/](http://www.audiothing.net/support/)

For further help or any questions, please contact us here: [www.audiothing.net/contact/](http://www.audiothing.net/contact/)

## Follow Us

