Things - Fold

User Guide

v1.1

Things - Fold **3**
Installation **4**
macOS 4
Windows 4
Linux 4
Registration **5**
Online 5
Offline 5
Parameters **6**
Features **7**
Parameter Lock 7
Edit Value 7
Oversampling 7
Preset Copy / Paste 7
Enable / Disable Notifications 8
Swap Mouse Buttons 8
GUI Acceleration 8
Graphics Controls 8
Window Size 8
End **9**
Where is everything? 9
Credits 10
EULA 10
Thank You 10
Follow Us 10

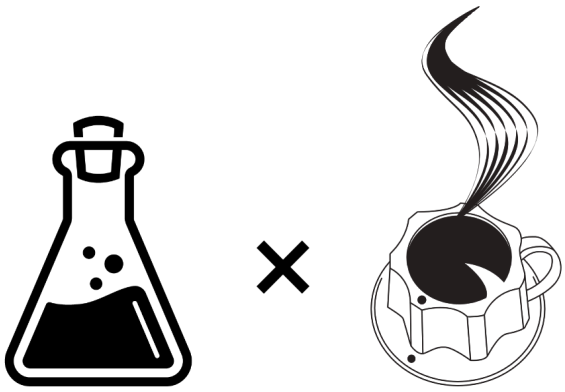
Things - Fold

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.

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.

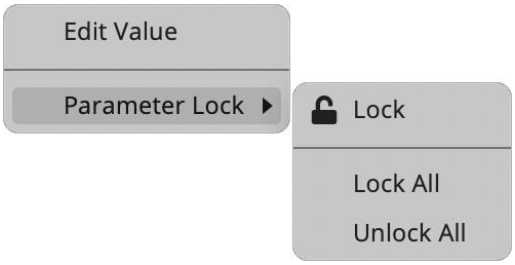
Parameters

Fold	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.
Envelope	Controls the amount of envelope follower applied internally to the Fold parameter.
Atk	Controls the attack time of the envelope follower.
Rel	Controls the release time of the envelope follower
Pre / Post	Switches the order of processing between the filters and feedback relative to the wavefolding stage.
Feedback	Controls the amount of feedback to be applied.
↳ *LowPass*	Controls the cutoff frequency of the low pass filter applied to the feedback loop.
Highpass	Controls the cutoff frequency of the high pass filter.
Lowpass	Controls the cutoff frequency of the low pass filter.
Input	Controls the level of the signal entering the wavefolder. Increasing this setting boosts the input signal, which influences the intensity of the wavefolding effect.
Mix	Controls the mix between Dry and Wet signals.
Output	Controls the amount of the output signal
AutoGain	Adjusts the output level to maintain a consistent volume
SoftClip	Applies a soft clip curve to the output signal

Features

Parameter Lock

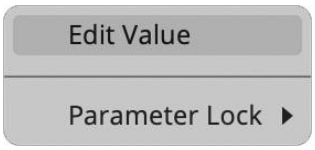
If you want to keep the value of one or more parameters while changing presets, or when using the randomizer button, you can use the *Parameter Lock* feature.
Right-click on a parameter and choose *Parameter Lock*.



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	*Carlo Castellano*
Inspiration	*Luca Minelli, Synth Cafè*
Design	*John Gordon*
QA	*Giuseppe Marrazzo*

EULA

Please visit 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/
For further help or any questions, please contact us here: www.audiothing.net/contact/

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