"FUSION" is a real time resynthesis device designed to reshape audio in motion. Built for experimental sound design, offering a new way to interact with and sculpt the DNA of your sound.

"Fusion is my personal take on what sound design could feel like in the future."

— iFeature

FUSION is an audio effect plugin and requires a host to run.

It's available in the VST3 and AUv2 formats and is compatible with any host that supports any of these formats.

FUSION is compatible with macOS (Universal), Windows.

Minimum supported OS versions
- **macOS 10.13 (High Sierra)**
- **Windows 10**

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Date: 2025-05-14

How to Install VST3 & AUv2 Plugins?

| Downloads | → | Downloads > | → | Common Files > VST3 |

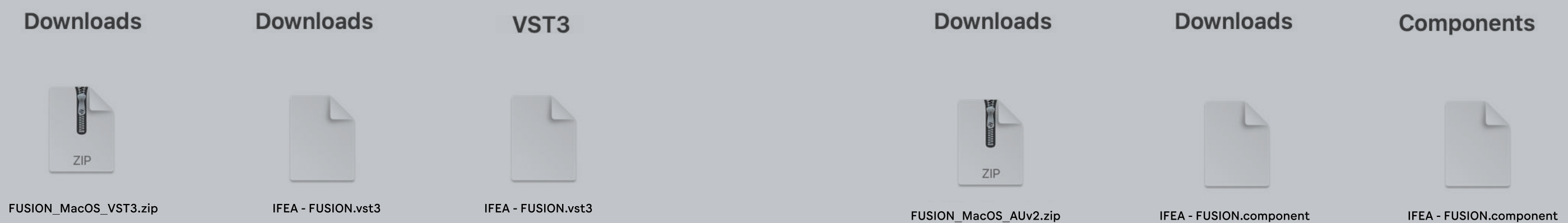FUSION_Win_VST3.zip   IFEA - FUSION.vst3   IFEA - FUSION.vst3

Windows (VST3 Only)

1. Locate the `.vst3` file you downloaded.

2. Copy or move the plugin into this folder:
   C:\Program Files\Common Files\VST3

3. Open your DAW, go to its plugin preferences, and make sure it scans the VST3 folder.

4. Rescan or refresh the plugin list inside your DAW.

5. The plugin should now appear in your DAW.

How to Install VST3 & AUv2 Plugins?

MacOS (VST3 + AUv2)

Downloads	Downloads	VST3		Downloads	Downloads	Components
ZIP				ZIP		
FUSION_MacOS_VST3.zip	IFEA - FUSION.vst3	IFEA - FUSION.vst3		FUSION_MacOS_AUv2.zip	IFEA - FUSION.component	IFEA - FUSION.component

VST3 Installation

1. Find the `.vst3` file you downloaded.
2. Move or copy the plugin to one of the following folders:

   - System-wide installation (for all users):
     /Library/Audio/Plug-Ins/VST3
   - User-specific installation (just for you):
     ~/Library/Audio/Plug-Ins/VST3

3. Open your DAW and check that it scans the correct VST3 folder.
4. Rescan your plugin list if necessary.
5. The plugin should now be available.

AUv2 Installation

1. Locate the `.component` file (AU plugins usually have this extension).
2. Copy it to one of these folders:

   - System-wide AU install:
     /Library/Audio/Plug-Ins/Components
   - User-specific AU install:
     ~/Library/Audio/Plug-Ins/Components

3. Restart your DAW (Logic Pro, GarageBand, etc.).
4. Your AUv2 plugin should now show up in the plugin list.

How to Install VST3 & AUv2 Plugins?

MacOS Troubleshooting (VST3 + AUv2)

If the plugin isn't showing up or fails to load, try:

Remove Quarantine Attribute:
1. Open Terminal.
2. Run this command:

For VST3:
sudo xattr -rd com.apple.quarantine /Library/
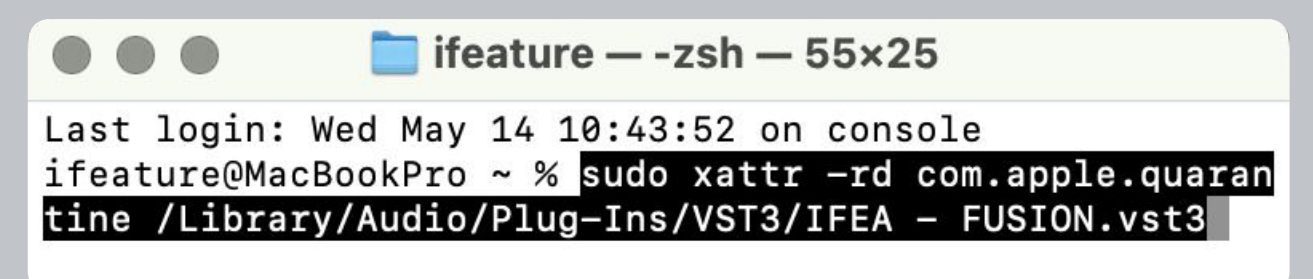Audio/Plug-Ins/VST3/IFEA - FUSION.vst3

For AUv2 (Component)
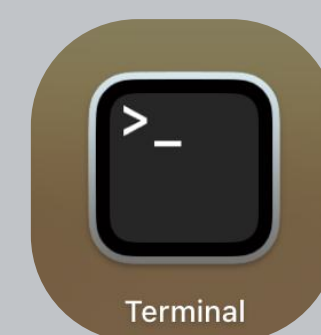sudo xattr -rd com.apple.quarantine /Library/
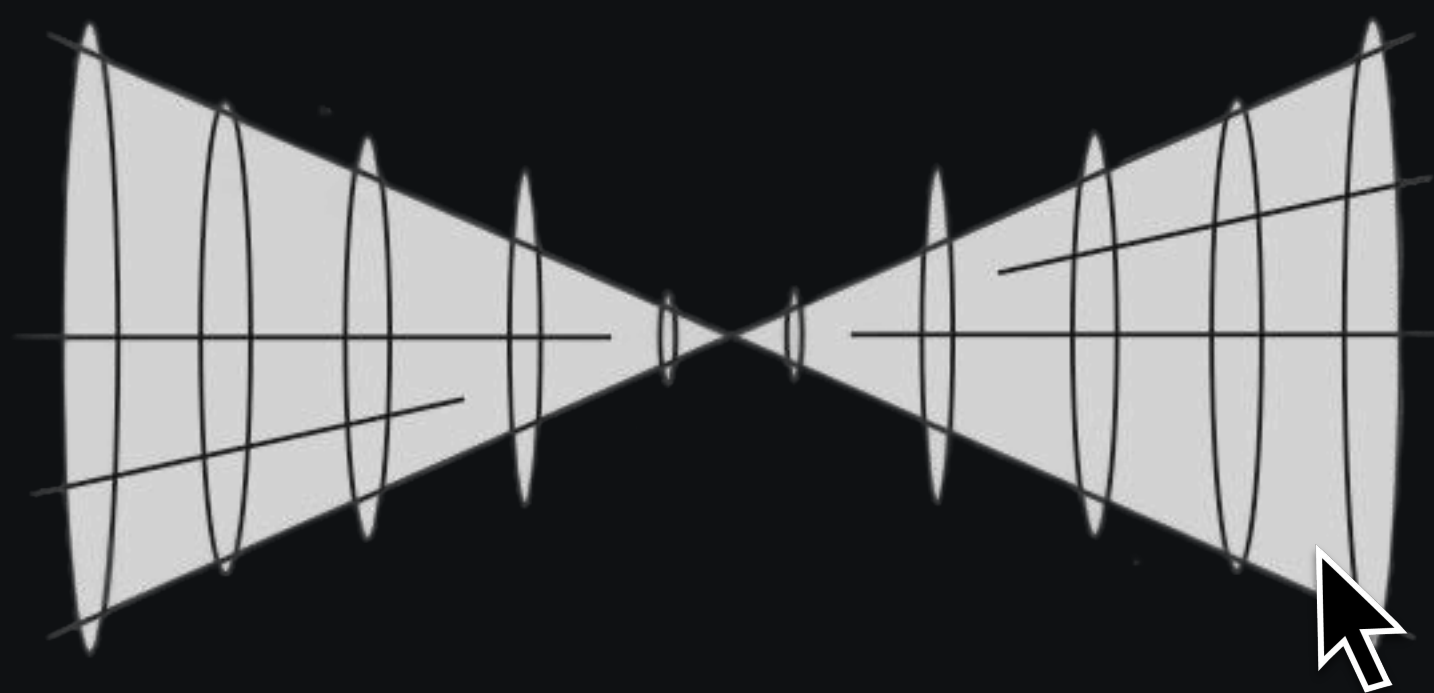Audio/Plug-Ins/component/IFEA -
FUSION.component

Allow the Plugin in Security Settings:
- Go to System Settings > Privacy & Security.
- Look for a prompt like "[Plugin] was blocked" and
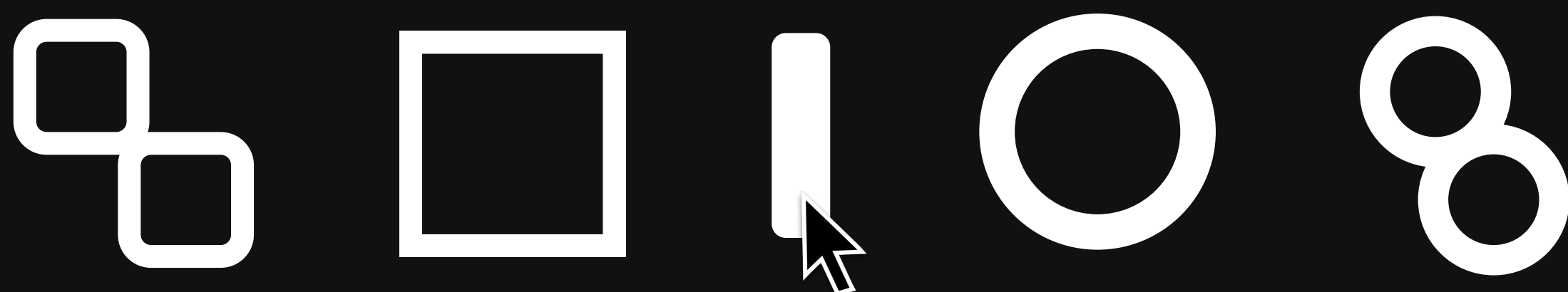click Allow.

Final Checks:
- Make sure your DAW supports VST3 and/or AUv2.
- Ensure your system and plugin architectures
match (e.g., ARM vs Intel).
- Try restarting your DAW or your computer.

Terminal

ifeature — -zsh — 55×25
Last login: Wed May 14 10:43:52 on console
ifeature@MacBookPro ~ % sudo xattr -rd com.apple.quarantine /Library/Audio/Plug-Ins/VST3/IFEA - FUSION.vst3

ifeature — -zsh — 59×20
ifeature@MacBookPro ~ % sudo xattr -rd com.apple.quarantine /Library/Audio/Plug-Ins/component/IFEA - FUSION.component

Privacy & Security

Security

Allow applications from   Anywhere
Allow accessories to connect   Always
FileVault   On
Lockdown Mode   Off

What is Resynthesis in Fusion?

Resynthesis in FUSION means rebuilding your sound in real time using a custom pitch tracker and spectral processing, letting you morph from 0% dry signal to 100% full resynthesis with a single slider.

What is Emphasis in Fusion?

Emphasis in FUSION shapes the harmonic character of the resynthesized sound by boosting or sculpting specific harmonic regions, with five distinct modes ranging from aggressive "Double Square" to smooth "Double Circle."
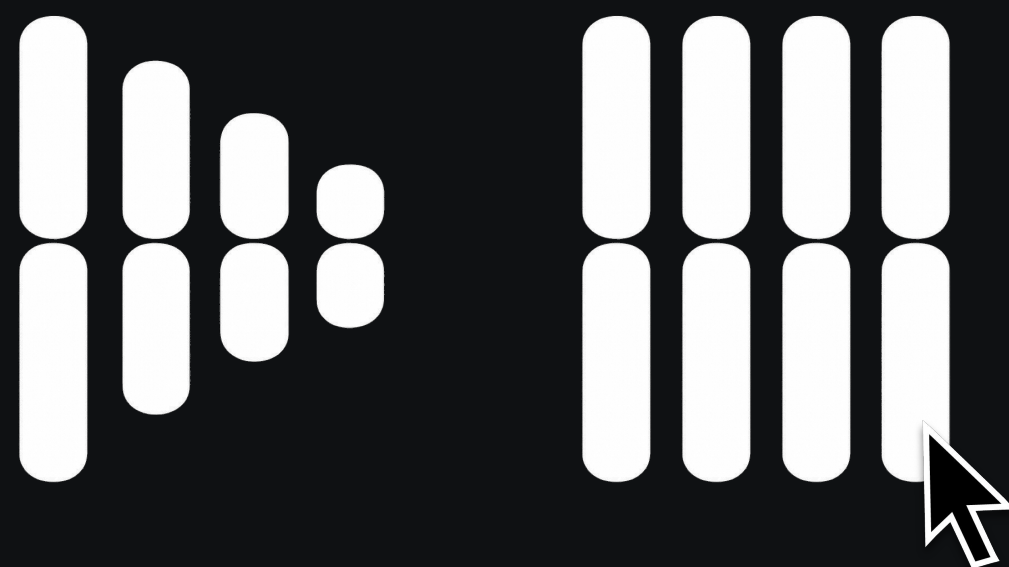
Odd   Saw   Even

What is Split in Fusion?

Split in FUSION lets you isolate and morph between odd -100 and even +100 harmonics of the resynthesized sound, giving you unique control over its tonal texture and character.

What is Shift in Fusion?

Shift in FUSION applies a formant shifter to the resynthesized signal, allowing you to morph the perceived vocal or tonal character without changing its pitch, from deep and growly -100 to thin and airy +100.
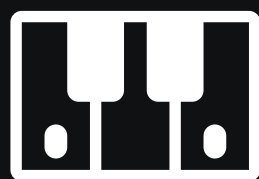
What is Comp in Fusion?

Comp in FUSION applies fixed-value spectral
compression from 0 to 100 to even out the
harmonic balance of the resynthesized signal,
making it tighter and more focused without
losing dynamics.

What is F-Boost in Fusion?

F-Boost (Fundamental Boost) in FUSION enhances the detected fundamental frequency by up to +12 dB, adding more weight, clarity, and low end punch to the resynthesized signal.

±48

Major   Minor

What is Color in Fusion?

Color in FUSION is a bass autotune engine that pitch corrects the resynthesized fundamental in real time, with ±48 semitone control and scale snapping to Minor or Major for musical tuning.

What is Root in Fusion?

Root in FUSION isolates and lets you listen to only the detected fundamental frequency, with a slider from 0 to 100, perfect for precise tracking and creative sound design, especially when combined with the Bass Autotune engine.

What is Range in Fusion?

Range in FUSION switches the pitch tracker between Bass and Melody modes, optimizing detection for low-end or mid/high-frequency material depending on your sound source.

For what is the Waveform analyser?

The Waveform Analyzer in FUSION gives you a real-time visual of your processed sound, helping you understand how the resynthesis, pitch tracking, and shaping tools are affecting the waveform.

Scale the Window

FUSION's interface is fully scalable, just drag any corner to resize the plugin window to suit your workflow and screen resolution.

That's it!

I wish you a lot of fun
w/ FUSION!