

XOY SATURATOR 1.0

Analog warmth. Digital control.

XOY SATURATOR is a creative saturation tool for producers and musicians who want to add character, presence, and analog vibe to their sound. With a minimal interface and powerful sound engine, it offers anything from subtle harmonic warmth to full-on distortion — and even a tube-inspired mode for extra mojo.

Interface Overview

XOY SATURATOR is built to be fast, focused, and intuitive. No menus, no subpages – just sound-shaping at your fingertips.

Control	Description
NOISE	Adds subtle analog-style hiss. Perfect for lo-fi texture or tape-like vibe.
8x	Enables 8x oversampling for cleaner, more accurate saturation.
TUBE	Switches to a 12AX7-inspired tube saturation mode with richer harmonics.

DRIVE	The main control for how much signal is colored – from gentle warmth to overdriven
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All controls are placed directly on the front panel with custom graphics and clear labels.

Sound Character

XOY SATURATOR features two main sound modes:

Standard Mode

A precise, fast, and punchy soft-clip saturation with clean harmonic build-up. Great for drums, synths, bass, and vocals.

Tube Mode

Inspired by classic 12AX7 vacuum tubes. Adds asymmetrical saturation, softer top-end, and a slight touch of random variation (like thermal tube noise). The result is warmer, more “alive.”

What Happens to the Sound?

Harmonics: When feeding in a 1kHz sine wave, you’ll see clear harmonic overtones spaced roughly every

2kHz in Standard mode. Tube mode adds a softer, less regular harmonic spectrum.

Noise: When enabled, the noise adds a subtle analog layer reminiscent of tape hiss or old preamps.

Oversampling: Reduces aliasing, especially at higher drive levels, and makes the signal smoother and more natural.

Format & Compatibility

XOY SATURATOR is available as:

Audio Unit (AU) — Logic Pro, MainStage, etc.

VST3

macOS 12 or newer is recommended.

Windows version is not planned at this time.

Plugin Info

Plugin name in Logic: **XOY SATURATOR**

Developer: XOY Production AB

Version: 1.0.0

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Installation (macOS)

Copy the .component file to:

~/Library/Audio/Plug-Ins/Components

Copy the .vst3 file to:

~/Library/Audio/Plug-Ins/VST3

Restart your DAW.

Look for **XOY SATURATOR** in your plugin list under Effects.

Support

Website: xoyproduction.com

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