ATOMIC LABS

INSTRUMENT

OXIDE

Acid bass-line synthesizer with sequencer

INSTRUMENT · VST3 · WINDOWS 64-BIT · 300 PRESETS · V1.0



USER MANUAL

VERSION 1.0 · 2026

01 About Oxide

Oxide is an acid bass-line machine: a saw / square oscillator with a sub, a 4-pole nonlinear ladder filter and the accent and slide behaviour that make acid lines squelch.

A 16-step sequencer with eight patterns stores note, octave, gate, accent, slide and a per-step probability. MIDI can transpose the running pattern or play Oxide directly. Distortion, tempo delay and reverb are built in.

TYPE	FORMAT	SIGNAL	LATENCY
Instrument	VST3 · Win x64	MIDI in → stereo out	none

FACTORY PRESETS	CONTROLS	WINDOW	VERSION
300 + Init	23 automatable	Resizable	1.0

02 Quick start

1. Pick a preset and press Play in your DAW: the pattern runs in sync.
2. In Host Sync mode hold a key to transpose the pattern; Keys Only plays Oxide like a normal synth.
3. Turn Cutoff, Resonance and Env Mod while it runs: that is the acid sound.
4. Click steps in the sequencer to change notes, accents and slides.

INSTALLATION

Install

Copy the folder `Oxide.vst3` into `C:\Program Files\Common Files\VST3\`, then restart your DAW or rescan plug-ins. It appears under the manufacturer **Atomic Labs**.

This manual

A copy of this PDF lives inside the plug-in folder, next to `Contents`. Your DAW ignores it; it is there so the manual always travels with the plug-in.

03 The interface



Voice

Tune, Waveform (saw / square), Sub Osc, Cutoff, Resonance, Env Mod, Decay, Accent and Slide Time.

Distortion

Drive, Distortion amount and Dist Tone.

Sequencer

8 patterns (A-H) x 16 steps: note, octave, gate, accent, slide and probability per step. Sequencer Mode: Host Sync (runs with the DAW), MIDI Trigger (starts on a key and transposes) or Keys Only (play it like a synth). Pattern, Swing, Root Note and Step Rate (1/16, 1/8, 1/32).

Effects

Tempo delay (mix, feedback, time), reverb (mix, size) and Volume.

04 Presets

Oxide comes with **300** factory presets, plus an **Init** program to start from scratch. Every preset was designed for this plug-in and level-matched, so you can browse without jumps in volume.

A FEW TO TRY

- Rubber Warehouse
- Rubber Chromatic
- Silver Box Minimal
- Squarehead Octaver
- Molten Dubwise
- Corroded Warehouse
- Corroded Chromatic
- Furnace Minimal
- Deep Current Octaver
- Night Tide Dubwise
- Submerged Warehouse
- Submerged Chromatic
- Screamer Minimal
- Laser Snake Octaver
- Vowel Bend Dubwise
- Pulse Code Warehouse
- Pulse Code Chromatic
- Click Line Minimal
- Dry Stone Octaver
- Gallop Engine Dubwise
- Hypnotic Warehouse
- Hypnotic Chromatic
- Forest Run Minimal
- Tape Ghost Octaver
- Dusty Box Dubwise
- Broken Radio Warehouse
- Broken Radio Chromatic
- Rave Signal Minimal
- Hoover Line Octaver
- Strobe Dubwise
- Echo Chamber Warehouse
- Echo Chamber Chromatic
- Nebula Minimal
- Satellite Octaver
- Mutant Dubwise
- Glass Worm Warehouse

05 Tips

Accent + Slide on the same step gives the classic 'wow' squelch.

Lower probability on a few steps for lines that keep changing.

06 Atomic Labs essentials

These work the same way in every Atomic Labs plug-in.

Preset browser

Use the arrows next to the preset name to step through the presets, or click the name to open the menu sorted by category. The current category is shown above the name.

SAVE: your presets and banks

SAVE stores the complete state as your own preset (.atp) in Documents\Atomic Labs\Oxide\Presets. From the same menu you can delete presets and export or import a whole bank (.atb) to share or back up. Your presets appear at the end of the preset menu.

GENERATE / MUTATE

GENERATE / MUTATE GENERATE writes a new pattern in the chosen groove style, MUTATE changes a few notes, accents and slides.

SIZE and resizing

Drag the bottom-right corner to resize the window, or pick a fixed zoom from SIZE. The size is remembered with the project.

Automation

Every control can be automated and is listed with its full name in your DAW. Changes are smoothed, so automation never clicks.

Project recall

The whole state (including drawn waves, patterns, steps and window size where available) is saved with your project.

STABILITY

Every Atomic Labs plug-in is tested at sample rates from 44.1 to 192 kHz and at block sizes from 1 to 8192 samples, before and after the host prepares it, and with every factory preset. The audio code never allocates memory while playing, and signals are protected against invalid values, so it stays quiet and stable in long sessions.

07 Control reference

Every automatable control as your DAW lists it, with its range and default value. Where a set of controls repeats (for example several identical layers, bands or slots), it is shown once.

General

CONTROL	RANGE / OPTIONS	DEFAULT
Tune	-12.00 st to +12.00 st	0.00 st
Waveform	Saw to Square	Saw
Sub Osc	0 % to 100 %	0 %
Cutoff	40 Hz to 11.76 kHz	292 Hz
Resonance	0 % to 100 %	60 %
Env Mod	0 % to 100 %	50 %
Decay	50 ms to 2450 ms	344 ms
Accent	0 % to 100 %	60 %
Drive	0 % to 100 %	20 %
Distortion	0 % to 100 %	0 %
Dist Tone	0 % to 100 %	50 %
Reverb Mix	0 % to 100 %	0 %
Reverb Size	0 % to 100 %	50 %
Slide Time	5 ms to 300 ms	60 ms
Volume	-48.0 dB to +12.0 dB	-3.1 dB
Sequencer Mode	Host Sync · MIDI Trigger · Keys Only	Host Sync
Pattern	A · B · C · D · E · F · G · H	A
Swing	0 % to 60 %	0 %
Root Note	C1 to C4	C2
Step Rate	1/16 · 1/8 · 1/32	1/16

Delay

CONTROL	RANGE / OPTIONS	DEFAULT
Delay Mix	0 % to 100 %	0 %
Delay Feedback	0 % to 92 %	40 %
Delay Time	1/16 · 1/8T · 1/8D · 1/8 · 1/4	1/8D

ATOMIC LABS

Oxide · Acid bass-line synthesizer with sequencer

Atomic Labs makes original instruments and effects with futuristic, animated interfaces, deep sound design and hundreds of presets in every plug-in.

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