ATOMIC LABS

EFFECT

CATALYST

Modular multi-effect rack

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



USER MANUAL

VERSION 1.0 · 2026

01 About Catalyst

Catalyst is a rack of six effect slots. Each slot can hold one of 26 modules: equalizer, reverbs, delays, chorus, phaser, flanger, distortion, bitcrusher, compressor, trance gate, auto pan, vintagizer, pumper, ensemble, stereo width, shimmer reverb, grain cloud, frequency shifter, stutter, auto wah, step filter, expander, dub delay, spring reverb and robot vocoder.

Every module has four controls and its own mix, so complete chains for guitars, vocals, synths and drums fit in one plugin.

TYPE	FORMAT	SIGNAL	LATENCY
Effect	VST3 · Win x64	Stereo in → stereo out	none

FACTORY PRESETS	CONTROLS	WINDOW	VERSION
300 + Init	46 automatable	Resizable	1.0

02 Quick start

1. Insert Catalyst on any track and pick a preset (guitar rigs, vocal chains, synth space, drum bus, dub, lo-fi, ambient, robot, funk, glitch).
2. Choose a module in each slot from the menu; the order is the signal order.
3. Switch slots on and off to compare.
4. Use Global Mix for parallel processing of the whole chain.

INSTALLATION

Install

Copy the folder `Catalyst.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



Slots 1-6

Module (one of 26 effects), On, four parameters (their names change with the module) and Mix.

Global

Input, Global Mix, Output and Bypass.

04 Presets

Catalyst comes with **300** factory presets in 10 categories, 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.

- **30** Guitar Rigs
- **30** Vocal Chains
- **30** Synth Space
- **30** Drum Bus
- **30** Dub & Echo
- **30** Lo-Fi
- **30** Ambient Worlds
- **30** Robot & Vocoder
- **30** Funk & Wah
- **30** Glitch & Rhythm

A FEW TO TRY

- Crunch Rig
- Edge Tone
- Fuzz Amp
- Boutique Rig
- Silk Voice
- Studio Vocal
- Shine Polish
- Warm Voice
- Glow Air
- Galaxy Field
- Cosmic Space
- Wide Air
- Crack Bus
- Snap Beat
- Room Kit
- Dub Dub
- Bass Delay
- Yard Echo
- Tape Dub
- Vinyl Tape
- Dusty Lo-Fi
- Faded Hiss
- Radio Tape
- Void Bloom
- Glacier Space
- Aurora World
- Drift Bloom
- Talkbox Vocoder
- Circuit Choir
- Machine Speech
- Funk Wah
- Talking Filter
- Touch Funk
- Bounce Wah
- Stutter Rhythm
- Glitch Glitch

05 Tips

Classic vocal chain: Expander > Compressor > Equalizer > Delay > Reverb.

Dub: Distortion > Dub Delay with high feedback > Spring Reverb.

Put Stutter or Trance gate last for rhythmic edits that cut the reverb tails too.

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\Catalyst\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.

DICE

DICE rolls a brand-new patch: it starts from a factory design and changes the main settings at random. Not happy? Roll again, or step back to a preset.

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
Input	-24.0 dB to +24.0 dB	0.0 dB
Global Mix	0 % to 100 %	100 %
Output	-24.0 dB to +12.0 dB	0.0 dB
Bypass	Off · On	Off

Slot 1–6

6 identical sets - Slot 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
Module	---- (empty) · Equalizer · Reverb · Chamber · Delay · Chorus · Phaser · Flanger · Distortion · Bitcrusher · Compressor · Trance gate *+ 15 more*	---- (empty)
On	Off · On	On
Param 1	0 % to 100 %	50 %
Param 2	0 % to 100 %	50 %
Param 3	0 % to 100 %	50 %
Param 4	0 % to 100 %	50 %
Mix	0 % to 100 %	50 %



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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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