ATOMIC LABS

EFFECT

PRISM SVF

Stackable multimode filter

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



USER MANUAL

VERSION 1.0 · 2026

01 About Prism SVF

Prism is a state-variable filter whose five outputs (low-pass, band-pass, high-pass, notch and peak) can be switched on together and stacked, which creates filter shapes a single mode cannot make.

A musical soft-clip drive, an LFO, an envelope follower and stereo spread make it a lively creative filter.

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

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

02 Quick start

1. Insert Prism and switch on Low Pass.
2. Sweep Cutoff and add Resonance.
3. Add Band Pass or Peak at the same time for a vocal, nasal shape.
4. Use the LFO with sync for rhythmic sweeps.

INSTALLATION

Install

Copy the folder `Prism.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



Filter

Cutoff, Resonance, Slope (12 or 24 dB) and the five mode switches: Low Pass, Band Pass, High Pass, Notch, Peak.

Drive

Drive and Drive Mode (Classic or Clean).

Modulation

LFO Rate or Division, Depth, Shape, Stereo Phase. Envelope Amount, Attack and Release.

Output

Stereo Spread, Mix, Output and Bypass.

04 Presets

Prism SVF 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

- Low Pass Filter
- Full Ahead Warp Speed
- Acid 24
- LP Low
- BP Present
- Notch Warm
- Peak Bright
- Split Mid
- Squelch Sub
- Ring Low
- Glass Warm
- Squelch Mid
- Overdrive Air
- Dirt Warm
- Crunch Bright
- Overdrive Low
- Sine Sweep 1/4
- Triangle Sweep 1 Bar
- Saw Sweep 4 Bars
- Saw Sweep 1/16
- Square Sweep 1/8
- S&H Sweep 1/4
- Envelope Bloom 1
- Dynamic Dark 2
- Touch Filter 3
- Quack 4
- Reverse Wah 5
- Stereo Drift Sub
- Orbit Low
- Panorama Warm
- Notch Phaser 1
- Notch Phaser 5
- Notch Phaser 9
- Robot S&H 1
- Robot S&H 9
- Robot S&H 17

05 Tips

Low Pass + Peak at high resonance gives a classic synth squelch.

Stereo Spread with the LFO makes a wide, moving filter.

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\Prism\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.

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
Cutoff	20 Hz to 20.0 kHz	20.0 kHz
Resonance	0 % to 100 %	0 %
Drive	0 % to 100 %	0 %
Low Pass	Off · On	On
Band Pass	Off · On	Off
High Pass	Off · On	Off
Notch	Off · On	Off
Peak	Off · On	Off
Slope	12 dB · 24 dB	12 dB
Drive Mode	Classic · Clean	Classic
Stereo Spread	-24.0 st to +24.0 st	0.0 st
Mix	0 % to 100 %	100 %
Output	-24.0 dB to 12.0 dB	0.0 dB
Bypass	Off · On	Off

LFO

CONTROL	RANGE / OPTIONS	DEFAULT
LFO Rate	0.010 Hz to 20.00 Hz	1.00 Hz
LFO Sync	Off · On	Off
LFO Division	4/1 · 2/1 · 1/1 · 1/2 · 1/4 · 1/4 T · 1/8 · 1/8 T · 1/16 · 1/32	1/4
LFO Depth	-4.00 oct to +4.00 oct	0.00 oct
LFO Shape	Sine · Triangle · Saw · Square · S&H	Sine
LFO Stereo Phase	0° to 180°	0°

Envelope

CONTROL	RANGE / OPTIONS	DEFAULT
Envelope Amount	-4.00 oct to +4.00 oct	0.00 oct
Envelope Attack	0.1 ms to 200 ms	5.0 ms
Envelope Release	5.0 ms to 2000 ms	150 ms



ATOMIC LABS

Prism SVF · Stackable multimode filter

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

Version 1.0 · VST3 for Windows 64-bit · Manual generated 2026-11-13

VST is a trademark of Steinberg Media Technologies GmbH. All other names are the property of their owners.