

DETUNICORN

HYPERSAW SYNTHESIZER

USER GUIDE

UJAM



User Guide

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Detunicorn User Guide Rev A

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Welcome to Detunicorn



Thank you for choosing Detunicorn, a free single purpose synthesizer plugin that produces massive hypersaw stabs. The predecessor of this sound was first known as [Supersaw – produced by early synthesizers such as the Roland JP-8000](#) or the Nord Lead. Today's unison supersaw stabs are dramatically bigger because they use layering and audio processing. Big-stage protagonists of that sound are Charlie XCX, 100 Gecs, Glaive and Porter Robinson, with producers such as A.G. Cook and Virtual Riot.

What It Is (And Isn't)

Detunicorn is not a typical synth (or a mythical creature!).

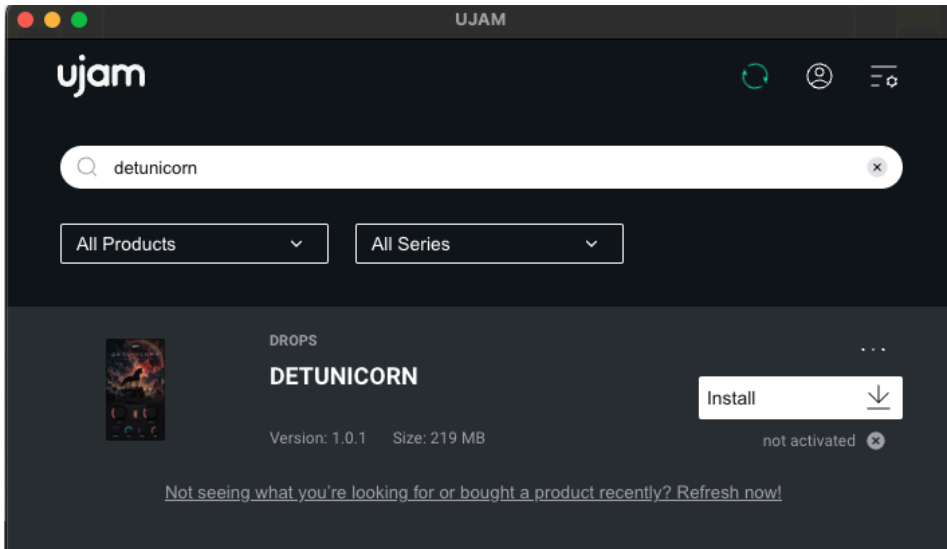
It delivers the power of two supersaw oscillators plus a Sub oscillator in up to 4 unison layers, detuned and spread across the stereo field, plus audio processing - for a colossal wall of sound.

It's designed for anyone looking for that huge staccato polysynth sound in their own music production.

The sheer power, the bite and sizzle, the staccato, the glide - it's all there!

Installation

Detunicorn is a free limited-time download available from ujam.com



The UJAM App handles downloads, installation and activation of Detunicorn (and other UJAM plugins). To install Detunicorn:

1. Install the UJAM App (available from ujam.com/app)
2. Click the profile icon in the upper right and Sign In ([create an account](#) if needed)
3. Scroll/search to find Detunicorn
4. Click the Install button (it should activate automatically)

More UJAM App info can be found in its [FAQ](#) and [Settings](#) articles.

Loading Detunicorn in your DAW

Look for "Detunicorn" in your DAW's instruments, and load it on a new track.

TIP: As with other UJAM VIs, Detunicorn is a stereo instrument so some DAWs (like Pro Tools) will need a stereo track to be able to load it.

Presets (Settings)

Detunicorn does not include factory presets, but you can [save settings as presets in most DAWs](#) so you can quickly and easily recall them. Check the top of the plugin window for:

- Save As – to create a new preset or a copy of the one loaded
- Save – to update the loaded preset with current settings
- Load - to select from your saved presets
- Copy/Paste – to recreate the settings in another instance
- Set As Default – in case you have a favorite starting place
- Next/Previous – to step through your presets

Note that DAWs save your current settings, so reopening your projects should recall correctly.

Controls



Detune – Spreads the oscillators to add movement (and stereo width with Unison set to II or III)

Infinity – Adds huge space with a reverb custom-designed for Detunicorn

Unison – Sets the number of layers (I/II/III)

Sub – The Sub-Oscillator level, from 0 (off) to 100% (equal to the main pitch)

Bend – A glide effect bends the pitch at the start to reach the note - decay time of the pitch-envelope can be adjusted from no effect (0%) to a subtle/quick rise at low settings or an extreme slow octave rise at 100%.

Bite – Adjusts the high frequencies to provide a mellow sound at lower settings or a sizzling high-end at higher settings.

Pitch Bend and Modulation

You can detune a piano *and* you can detune Detunicorn! For soloing and effects use the Pitch Wheel on a MIDI controller (or Pitch Bend automation) to bend the pitch of notes up or down.

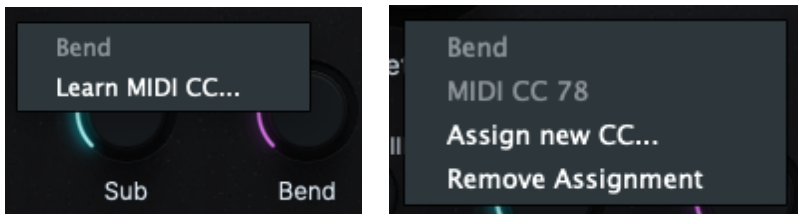
Use the Modulation wheel on your controller (or Modulation automation) to control the filter. The filter is open (no effect) with the wheel at 0, and gradually closes as the value increases (for a more muted sound).

Assigning Detunicorn controls to MIDI controllers

Detunicorn's controls should be automatically available in your DAW's automation, but can also be mapped to different controllers. To do this:

1. Right+click the Detunicorn control you want to assign
2. Click "Learn MIDI CC..."
3. Turn the knob/fader or press the button on your hardware controller

You can right+click the Detunicorn control again to see which MIDI CC is assigned, assign a new CC, or unassign the control.

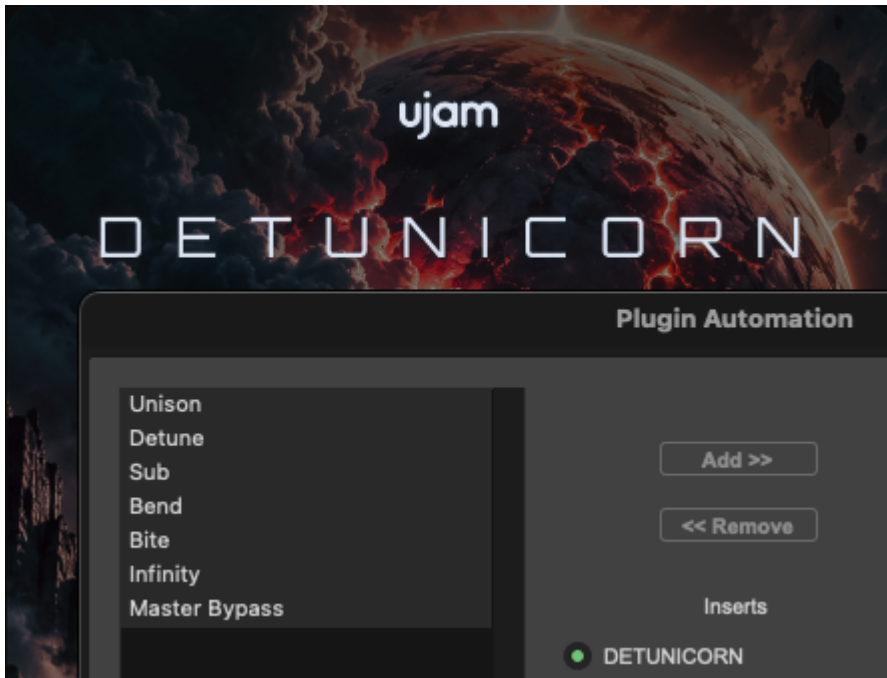


NOTE: These assignments are made & stored in the current instance of Detunicorn, and should be recalled when re-opening your project. Copying the instance to another track or loading a new instance will not include these.

Automation

Detunicorn's settings can be automated in your DAW so that changes to settings 'play back' along with your track.

The Automation menu of your DAW will display Detunicorn's parameters available for automation.



TIP: To learn how to set up and create Automation in your specific DAW, please refer to your DAWs user guide.

Support & Community



Stuck? Need a tip? Just want to show off what you made?

- [Submit a Ticket](#) to ask a question, get some help, or share your ideas on improving our products.
- [search for a topic](#) in our knowledge base.
- [Subscribe to our YouTube channel](#) for "How-To" videos.
- [Follow us on Instagram](#) to catch announcements and other product info.
- Join our community on [Facebook](#) or [Discord](#) to post a question, comment, or even share a track.



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