

Osculatrix

Version 1.0.4 (5)

An opinionated tremolo with ideas above its station. Also a multiband modulated filter and delay, rounded off with a little light saturation. There’s probably a kitchen sink around here somewhere if you look hard enough.

Installation (macOS)

1. Open the DMG
2. Drag **Osculatrix** to the **Applications** folder shortcut
3. Run **Osculatrix** from Applications — this registers the Audio Unit with the system
4. Osculatrix is now available as an AU effect in any compatible host: Logic Pro, GarageBand, REAPER, Ableton Live, etc.

You only need to run the app once to register the AU. After that you can load it directly from your host’s plugin list.

Knobs

| Knob | Description |
|-------|--|
| Bite | Tremolo depth. At zero there’s none at all; at full the beat chops to silence. |
| Curve | Base frequency for one of the tremolos. The others don’t necessarily agree. Logarithmic control from 0.01–20 Hz. Midpoint (and default) is 1 Hz. When Sync is enabled, instead quantises to fixed beat ratios from 8 bars to 1/32 note. |
| Haze | Delay mix and feedback. From all in the present to trapped in the past. |
| Heft | One of the delay times. Up to 1 second. Quantised to fixed beat ratios when Sync is enabled. |
| Scrub | Another of the delay times. Up to 1 second. Quantised to fixed beat ratios when Sync is enabled. |
| | (There’s a third delay time, which is the mean of the other two. Inherits quantisation, but maybe not in a neat ratio.) |
| Tilt | Filter modulation rate and tremolo frequency spread. |

Switches

| Switch | Description |
|--------|--|
| Harsh | Hardens the compression. More harmonics, more grit. |
| Numb | Broadens the resonant filters for a less peaky sound. |
| Tangy | Desyncs the tremolos for wavier waves. |
| Cheap | Dumps one whole filter band; which one depends on Numb . Fewer tremolos, lower fi. Not that fi ever really came into it. |
| Dizzy | Phase shifts your ears for that spacey stereo bounce. |
| Sync | <p>Binds base tremolo frequency and delay times to host BPM, if available. Curve, Heft and Scrub are then quantised to regular beat ratios.</p> <p>Note that Sync depends on the host to supply tempo information. Some hosts only do this while playing, or not at all. Osculatrix defaults to 120 bpm in that case. You can set a different tempo by double tapping the bpm field. But you can’t override the host tempo if it does exist.</p> |

Knob Interaction

- **Drag diagonally** to adjust: ↗ up-right to increase, ↙ down-left to decrease
- **Double-click** (macOS) or **double-tap** (iOS) any knob to reset it to its default value

About

Osculatrix is an AUv3 Audio Unit effect by [Matthew Caldwell](#). It runs on iOS and macOS.