

# Twelve

Version 1.0.0-alpha (3)

A 12-bar blues generator. It can – and given half a chance it *will* – noodle until the cows come home.

Note that Twelve is an AUv3 MIDI processor. It doesn't make any sound of its own. You'll need to load it in a suitable AUv3 host and route its MIDI to a suitable sound generator. (The Logic Pro sampler's legacy Dobro Slide patch is a good choice.)

## Installation (macOS)

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

## Controls

Knob	Description
<b>Embroidery</b>	Probability of substituting a decorative phrase (bass run, 1-bar fill, 2-bar fill, turnaround) in a relevant slot in the chord progression.
<b>Easiness</b>	Swing, more or less, depending on the time signature.
<b>Etiquette</b>	Quality of the underlying chord progression. Low is very basic and conventional, high is jazzier.
<b>Exotica</b>	Aggressiveness of phrase mutations. Higher levels produce more variation.
<b>Emotion</b>	Note density. At lower values lots of notes are dropped, producing a much sparser sound.
<b>Evolution</b>	Phrase coherence. How likely are phrases to be drawn from the same families? High levels produce more consistency. Note that the families themselves are pretty haphazard at the moment, so “consistency” may be overstating.

Popup menus at the top allow you to select the key. There's also a popup menu to select a family to draw phrases from. This is mainly for testing and will probably be removed before release. As mentioned above, the families are not especially coherent anyway.

## Knob Interaction

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

## About

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