

in Neumixturautonium you select between three banks with the Mod Wheel. In each mixture, each subharmonic has its own filter, and you can switch the filters between formant and resonant lowpass modes (see [Fig. 10](#)).



FIG. 10: Neumixturautonium has four subharmonic oscillators and uses the MIDI Mod Wheel to select one of three subharmonic configurations.

Depending on the subharmonic levels and frequencies, a note played on Neumixturautonium might sound like a single note or a chord. Furthermore, just as with higher harmonics, some of the subharmonics may not be in the equal-tempered scale. Because subharmonics are harmonically complex (not sine waves) and lower in pitch, they dominate. In short, Neumixturautonium does not always play nicely with others, but you can, with some effort, retune the subharmonics. A basic reverb and pitch-shifter round out the signal path.

Neumixturautonium comes with no manual and only 15 presets, but the presets show that this instrument has an unusual sound palette. Variations range from ethereal string and choral sounds to mechanical-industrial effects (see [Web Clip 18](#)). It's worth your time to try it out, and the shareware fee is quite reasonable. You'd be hard-pressed to re-create its sound on another synth.