

Listen to audio samples and download the patch for Sonic Projects OP-X at [keyboardmag.com](http://keyboardmag.com) or [celebutantemusic.com/keybmag](http://celebutantemusic.com/keybmag).



# SCANDAL'S "GOODBYE TO YOU" SOLO

by Mitchell Sigman

## If you were an early-MTV generation

teen, you probably have the image of singer Patty Smyth's stockings leg etched into your brain, thanks to Scandal's giddy "Goodbye to You" video. You probably also remember the groovy organ-esque synth solo. Though the video shows keyboardist Benjy King rockin' on a rare Digital Keyboards Synergy synth, in reality it's Paul Shaffer (see page 26) manning an Oberheim OB-Xa. Paul has always been a big combo organ fan (he was often photographed playing a Vox Continental), so it's no surprise that he used his Oberheim to cop a cheesy '60s organ feel for "Goodbye To You."

Getting into the Oberheim spirit of things, let's take Sonic Projects OP-X virtual polysynth for a spin this month – check it out at [sonicprojects.ch](http://sonicprojects.ch). You'll need Native Instruments Reaktor to use it on a Mac, but it's a standard VST plug-in for PC users. Otherwise, you can create this patch on most two-oscillator virtual analog instruments.

1. Set both oscillators to sawtooth waves. I'd usually use square waves for

transistor organ tones, but saws sounded closer in this instance.

2. Set oscillator 2's pitch interval two octaves above oscillator 1. Detune the oscillators a tiny bit. The detune knob is on the left in OP-X's Control section.
3. Open the filter cutoff frequency all the way.
4. Set the filter resonance to about 25% – just enough to thin the tone a bit and make it less "synthy."
5. If you're using OP-X, turn on the Half and Full buttons for oscillator 2 (but not for noise), located in the Filter section – these emulate an original Oberheim's primitive mixer. On other synths, set the volumes of each oscillator equally in the mixer section.
6. Leave the filter envelope amount at zero.

7. Set the Loudness Envelope to a simple on/off organ shape: everything at zero except for sustain, which is full up.

8. We'll need some '60s vibrato, so set the LFO to a sine wave and the rate relatively fast. In OP-X, make sure the Osc1 and Osc2 buttons in the Modulation section are lit. Now set the depth around a quarter-step (in musical pitch terms) either up or down. The secret is to make the vibrato fast and deep without going so far that it sounds like a synthesizer.

9. In OP-X, make sure the Osc button in the Tuner section is clicked; otherwise, pitch will be a little sketchy.

10. Dial all the voice pan knobs on the right of the panel to center.

Now, just add a little stereo chorus and reverb in your DAW's mixer to sweeten the signal. And so I say "Goodbye to You" – until next month! **K**