



Oscilloscope Synth

by Rich DDT with samples from Jerobeam

OsciSynth invites you on a journey inside soundwaves visualized with stunningly accurate precision. It's a reimagined Oscilloscope window into a world of playfully animated 3D waveforms made entirely from sound.

[OsciSynth Video 1](#)

[OsciSynth Video 2](#)

About: The Oscilloscope Synthesizer is a brand-new musical instrument built upon decades-old technology. A synaesthetic mapping of sound to form graces the glowing display of this precision lab tool. It's a pure joy to play with a wide range of entertaining animations and brilliantly retro blips. However the real magic comes when you discover that this is no hoax - you are indeed seeing what the sounds actually look like with every button press! It's a mind-boggling journey into the true nature of oscillating wave forms.

Operation Walkthru: Approach the console, upon which 16 glowing buttons beckon you to reach out and have a press. The animations and sounds instantly astound and 4 rectangular buttons transport you to different song worlds. Don a pair of headphones for a more private listening experience or let your music performance fly free through the built-in soundsystem.

Roles: Concept, software design, hardware design, interface design, lighting design, sound design, sound curation. Several sounds are included from Jerobeam's pioneering work with oscilloscope music, and Nervepincher co-curated and edited the sounds.

Components: Analog oscilloscope, MIDI controller, computer running Ableton Live with startup scripts, speakers, headphones

