

DIY Synth Workshop

SYNTHPLEX®



Date: Friday, October 28, 2022

Time: 9:00AM - 12:00PM

Facilitator: Jim Swanson

Location: Conference Room# 123 in Hotel near East Tower Elevators

LeafAudio 

Noisefoc Experimental Oscillator:

Noisefoc is controlled chaos! It is an experimental Oscillator, good for noise and Pan Sonic style buzz sounds. Furthermore it is a great base for Hi-Hat and bellish percussion sounds. Noisefoc is a great learning project, in the manual the basic parts and their functions are explained. It is based around three CMOS NAND gates as oscillators, controlled by potentiometers and a light dependent resistor (LDR). There's an optical representation of the frequencies via LEDs, two mixing circuits (different sound via diode or resistor mixing) to mix the oscillators and a power starving function which makes the device completely out of control. It features a CV input for pitch influence via optocoupler. In general, it offers many opportunities to understand the technology behind it, as well as possibilities of hardware hacking. It is a good beginner project and can be finished within 2-3 hours.

Features:

- Experimental VCO
- light control and power starving
- Good for noise or non 1V/Oct stuff
- 3 Oscillators

Skill level required:

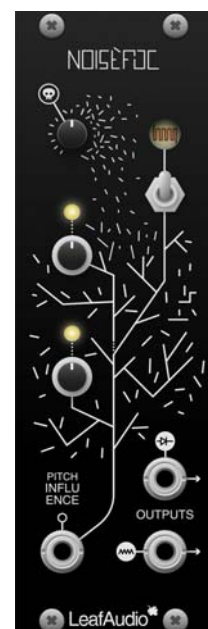
Beginner to intermediate

Class Size:

12 People maximum

DIY Class Price:

\$90.00 plus Eventbrite fees. Price includes all required tools & instructions.



Close-up of Noisefoc