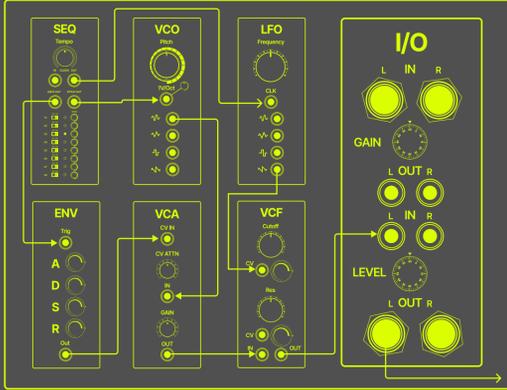


BLAGSHEET #02

MODULAR

By courtesy of The Crow Hill Company

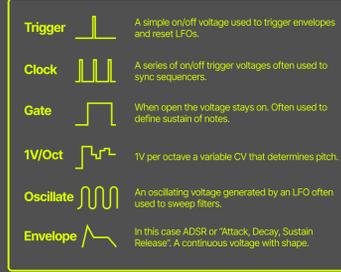
Simple Patch



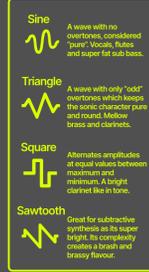
Notes vs Volts

Note:	A1	A#1	B2	C3	C#3	D4	D#4	D5	E6	F7	F#7	G8
Volts/octave (V)	1000	1083	2166	3249	3333	4416	4499	5583	6666	7749	7833	8916

Control Voltages



Waves



Acronym:

VCO

What does it do:

It all starts here. An oscillator makes waveforms... or "the sound". The frequency (or pitch) of this waveform is determined by control voltage.

What does it stand for:

Voltage Controlled Oscillator

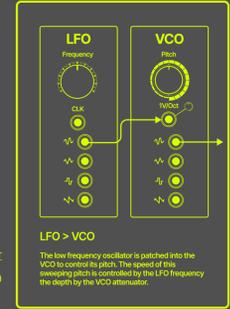
Module



Insight

Oscillators are not triggered, they're always on. It's what you do with the signal after that determines whether you hear it or not.

Typical Patch



Acronym:

SEQ

What does it do:

A step sequencer that generates a different control voltage for each step.

What does it stand for:

CV Based Sequencer

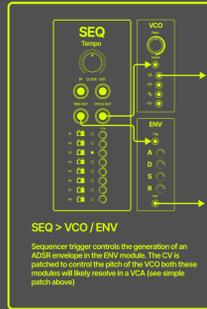
Module



Insight

Either clocked internally or from an external source to pass from one step to another.

Typical Patch



Acronym:

ENV

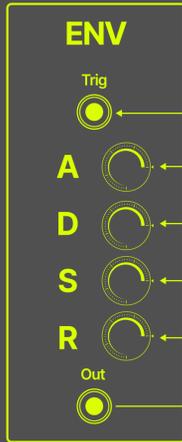
What does it do:

Uses trigger voltage to create envelopes.

What does it stand for:

Envelope Generator

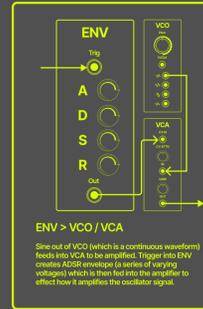
Module



Insight

A way to shape signals to sound similar to acoustic instruments, creating envelopes when it receives a trigger.

Typical Patch



Acronym:

VCA

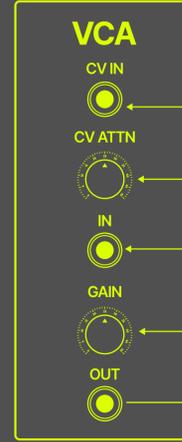
What does it do:

An amplifier that when used with an envelope generator determines the "shape" of your sound.

What does it stand for:

Voltage Controlled Amplifier

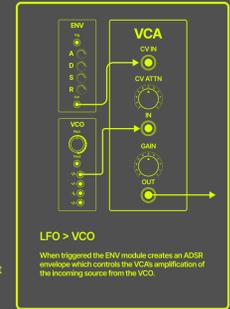
Module



Insight

Whilst the VCA can be controlled by LFOs and gates. Often envelope generators will control the shape.

Typical Patch



Acronym:

LFO

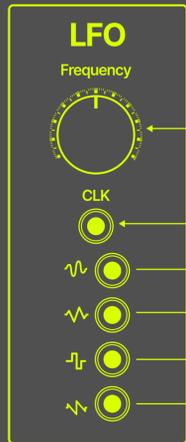
What does it do:

Create slow oscillations of voltage to control other modules.

What does it stand for:

Low Frequency Oscillator

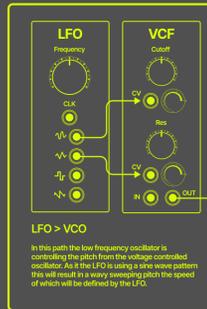
Module



Insight

LFOs are what bring sounds to life, use them to control filters, wave shapes or indeed other LFOs.

Typical Patch



Acronym:

VCF

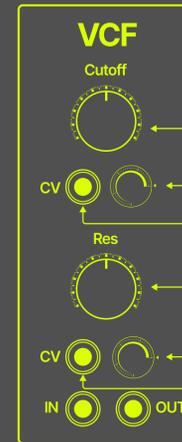
What does it do:

A filter controlled by LFOs, Envelopes & Gates.

What does it stand for:

Voltage Controlled Filter

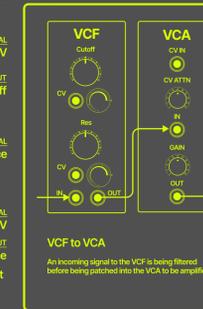
Module



Insight

Not unlike a VCA, accepts control voltage to control filter type, resonance, frequency, shape.

Typical Patch



Acronym:

I/O

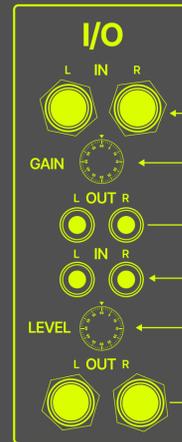
What does it do:

Gets sound into your rig and spits it out again.

What does it stand for:

In / Out Module

Module



Insight

The entrance and exit of your rig. Sound sources go in then out to the rest of your rig. Your rig resolves into this module and is sent out into ears / interface / speakers / world.

Typical Patch

