



Page toggle selection.
Shared octave switch if moved quickly



Individual Oscillator Potentiometer control.
Context dependant. Main Center Page control frequency



Navigation Switches, used for engines configuration and performance.



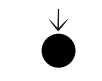
Shared Waveform potentiometer and CV control.
Potentiometer becomes an attenuater when a CV input is plugged



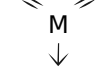
Shared Bitreducer potentiometer and CV control.
Potentiometer becomes an attenuater when a CV input is plugged



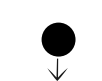
Oscillators CV / Audio inputs, engine dependant



Mix output. Mono or stereo depending on the jumper configuration



Individual Oscillators Outputs



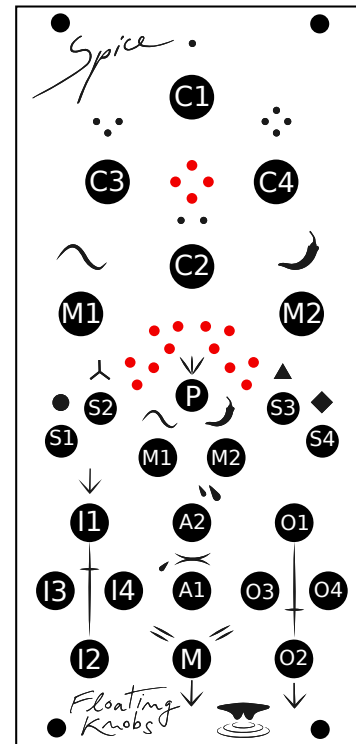
Shared Auxilliary input 1 and 2.
S&H, T&H and clock input for the looper



Cross LEDs: lights when pot is live.
Off when previous value is held



Osc LEDs: navigation display






Phase Engine

Oscillator 1 CV input is a V/octave input controlling all the 4 oscillators frequencies.

The oscillator 1, 2, and 3 CV inputs will control the phase of their respective oscillator.

Each oscillator potentiometer (main center page) is a tuning control.




V/octave Engine

All the oscillators are independant from each other with their CV input as V/octave input controlling their respective oscillator frequency.

Each oscillator potentiometer (main center page) is a tuning control.

Auxilliary inputs: see Scale Engine.

Navigation table

	 Left page	 Center Page	 Right page
 Potentiometers	Individual Oscillator Waveform	Oscillator Pitch if no subpage open	Individual Oscillator Bitreducer
 Switches	Select Engine Hold to set for all  Phase  V/Oct  Scale	Oscillator attenuation subpages:  In  Waveform  Out  Bitreducer	 Wavebank  Perf. Mode  Scale  Bit. Mode  = asynch  = synch

Scale Engine

All the oscillators are quantized to the selected scale (see right page settings).

CV and potentiometer will select the note from the selected scale.

Oscillator 1 CV and potentiometer also offset all the other oscillators.

Auxilliary input 1 update oscillator frequencies on trigger rising edge.
Auxilliary input 2 update oscillator frequency on gate high.
Auxilliary inputs ignored after 5 sec inactivity.

M	m	Harm. m	Blues Hex	Melodic m

Dorian	Phrygian	Lydian	Mixolydian	Penta. m

Performance Mode

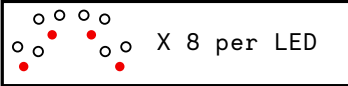
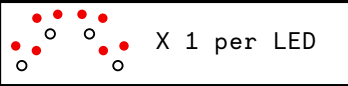
Turns Spice into a 4 voice synth with an integrated looper.

Center Page  becomes a performable keyboard, gates event are recorded to the looper.

After 5 sec of inactivity (switches or potentiometer), the next switch press will delete the old loop.

 is a **clock input**, if external clock is silent for 5sec, Spice fallback to internal clock

Performance Mode On / Off:press 
Set Clock: hold  + turn 
Set Step number:hold  + turn  

 X 8 per LED	 X 1 per LED
Ex: 16 = 	

Set Attack: hold  + turn 
Set Decay and Release: hold  + turn 
Turn the **looper off**: set Clock to 0 

Attenuation functions can be access holding  and moving back to middle page

Wavebank Import

File format: .wav 16bits minimum
Folder: sdCard/wavebanks/01/ up to 08

Spice will simply read all the audio samples from all the files in a wavebank folder and automatically generate the right wavetable format, so you can just drop audio files in a wavebank folder to already get some granular feel going.

4 waveforms of 256 samples each : Spice will automatically spread and interpolate to 256 waveforms.

1 audio file of 1024 samples : every 256 samples block becomes 1 waveform so we get 4 waveforms spreaded and interpolated to 256 waveforms.

Spice



Menu



Floating Knobs