



by **u-he**

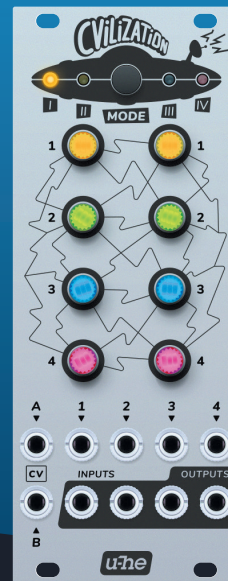


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<https://u-he.com/fwd/cvz-manual>

# CVilization

What?



Alternative Mode:  
**Quad VCO**

ultimate cheat sheet



... at least we tried ...

**SPACE**   
**CERTIFIED**  
SUPERCOMPUTER

by **u-he**

# Alternative Mode: Quad VCO

## Group Parameters Page

- \*Waveform   Octaves
- \*\*Modifier Depth   Semitones
- Sub OSC Level   Cents
- LFO Rate   Glide Time



### LE1-4

Turn to specify a Group for each oscillator (1-4)

Press to enter the Parameters Page of the assigned Group

Hold to enter the Config Page of the assigned Group



## Group Config Page

Setting Quantizer, CV-AB Function and Track Time

- Quantizer
- 
- 
- Tracking Time

### CV-A Function (Turn RE2)

- off CV A has no effect
- yellow Vibrato Depth
- purple Modifier Depth
- cyan Glide Time
- dark blue LFO Rate

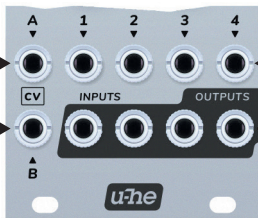
### \*Waveform \*\*Modifier

Triangle	Vibrato via LFO
Saw	Vibrato via LFO
Pulse	Vibrato via LFO
Pulse	Fixed PW
Pulse	PWM via LFO
Animated Saw	Detune
Saw Stack	Detune / Spread

Chord Saw	Fixed Intervals	Octave
		Fifth
	Minor	Minor
		Minor 7th
		Minor 9th
Minor 11th		
Major	Major	
	Major 7th	
	Major 9th	
Colour Chords	Sus4	
	6/9	
	6th	
	Spread Major 7th	
	Dominant 7th	
	Dominant 7th (b9)	
	Half Diminished	
	Diminished	

### CV-A Function

### CV-B Function

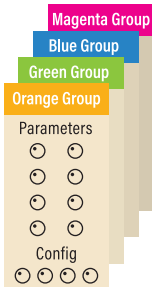


### Pitch CV Inputs

### VCO Outputs

### CV-B Function (Turn RE3)

- off CV B has no effect on groups pitch
- salmon Pitch Bend 2 semitones
- orange Pitch Bend 12 semitones
- yellow Pitch Bend IV/Oct
- white Transpose Chromatic (After Quantizer)
- purple Sample/Track and Hold



## Oscillator Groups (Turn LE1-4)

There are four oscillator Groups, distinguished by encoder colour. Each Group maintains its own set of parameters. By default each oscillator is assigned to a different Group, so they have independent parameter sets. To make one oscillator share the parameters, configuration and modulation settings of another, assign both oscillators to the same Group by turning the appropriate lefthand encoders on the Performance page so that their colours match.