

**POWER** 

**Power** 

Off

+12V

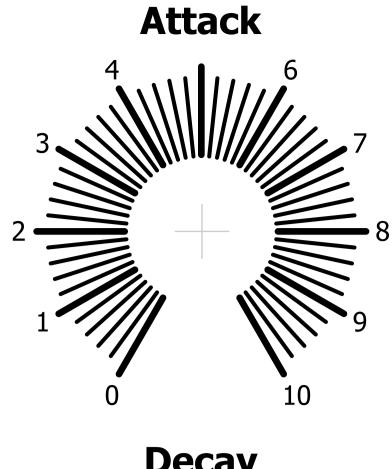
-12V

On

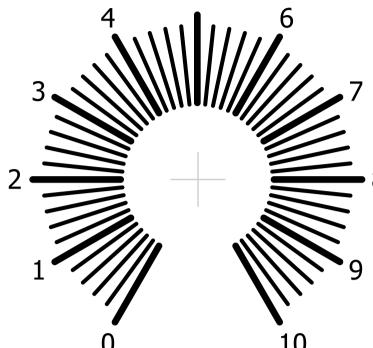
12V 1A

LukeLabs

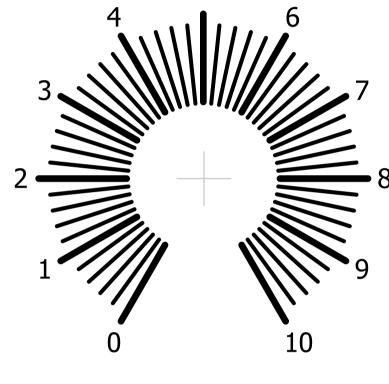
### **ADSR**



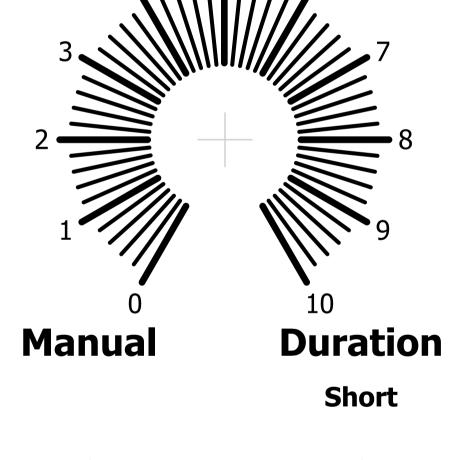
#### Decay



#### Sustain



### Release

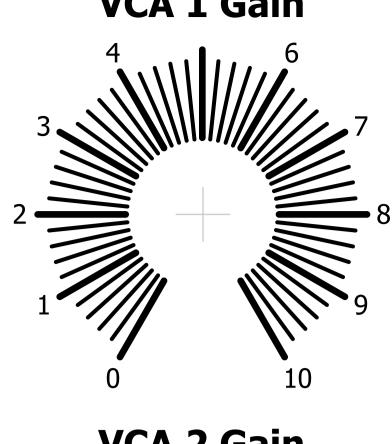


Long

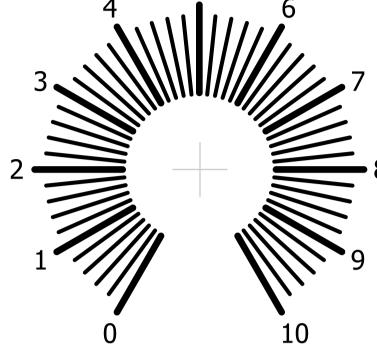
Trigger In Out

**Gate In** 

# VCA 1 Gain 4



#### VCA 2 Gain



VCA 1

Response Log

Input

Linear

**Gain CV In** 

**Gain CV In** 

Out

VCA 2

Log

Response

Input

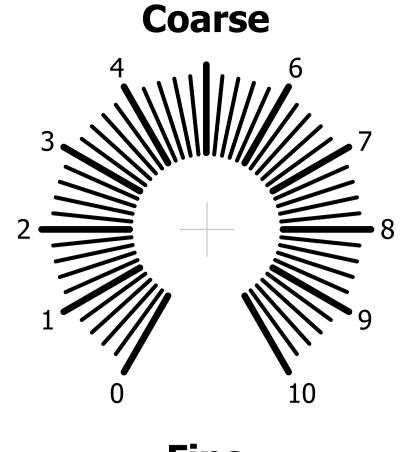
Linear

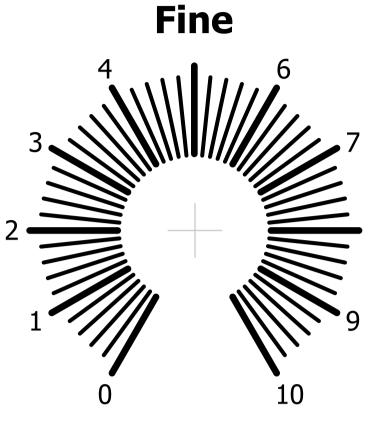
**Gain CV In** 

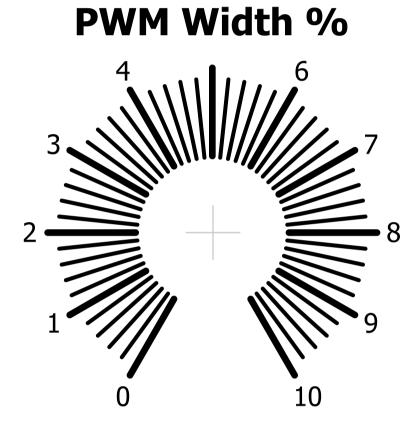
**Gain CV In** 

Out

### LFO







**Square Out** Sine Out

PWM CV In Triangle Out

Freq CV In Saw Out

Freq CV In Ramp Out

### MULTI

Link 1/2 Link 3/4
Off Off
On On

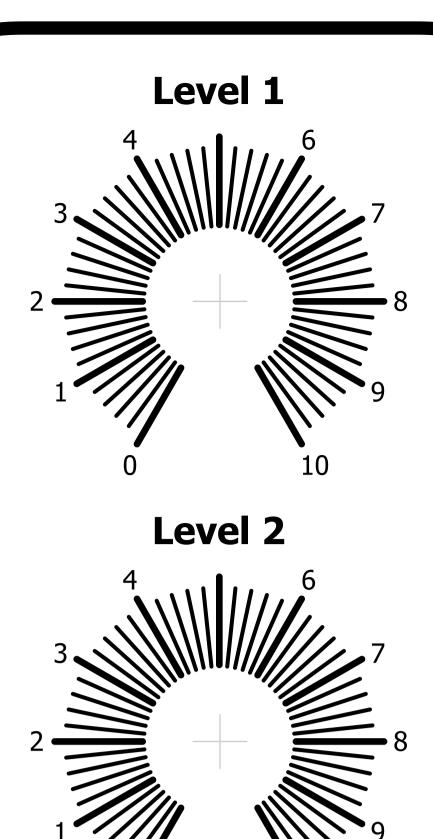
Bank 1

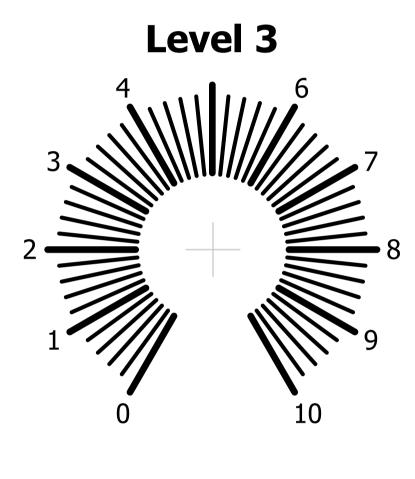
Bank 2

Bank 3

Bank 4

### LEVEL







1 In

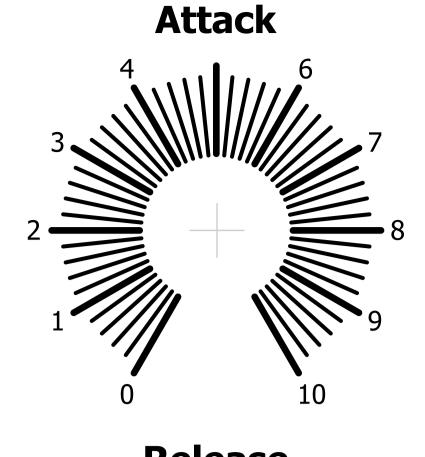
3 In

1 Out

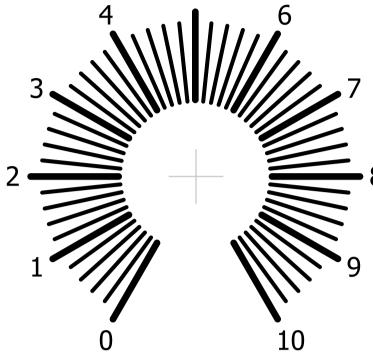
3 Out

4 In 4 Out

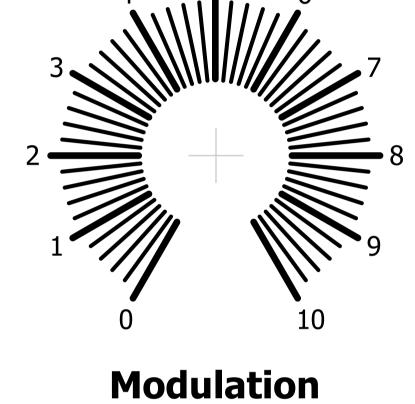
### **DMOD**



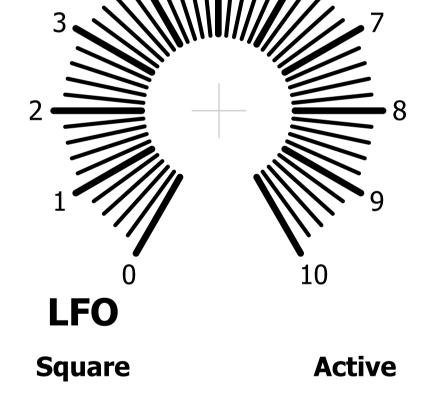
#### Release



### LFO Frequency



#### 4, 1111, 6



#### Input

Sine

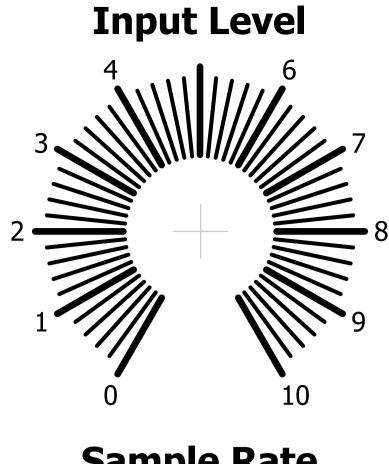
Gate Low

Trigger High

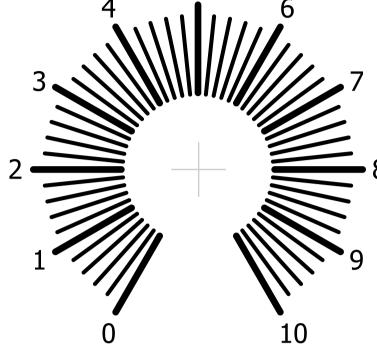
Trigger In Out

**Mod Level** 

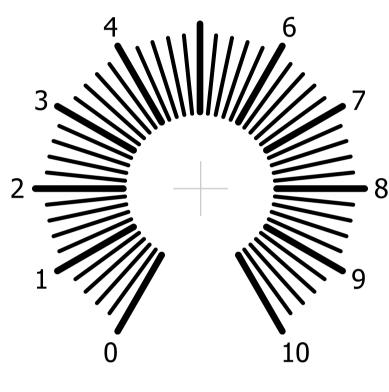




### **Sample Rate**



Glide



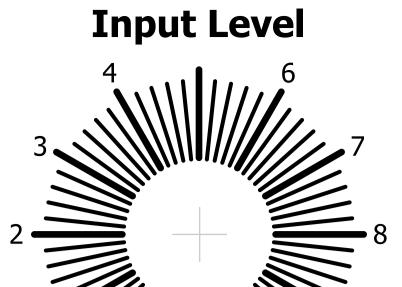
Active

Signal In Out

Rate CV In Glide Out

Sync In Trigger Out

### PAN



Leslie Simulation
Off

On

Rate Toggle

**Active** 

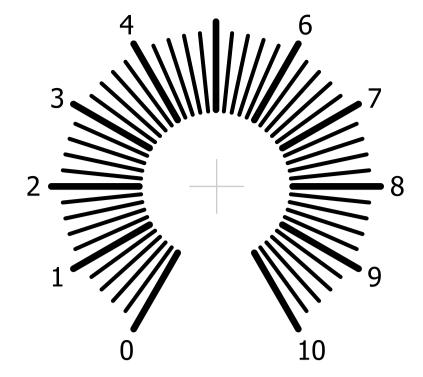
Left Out

Signal In

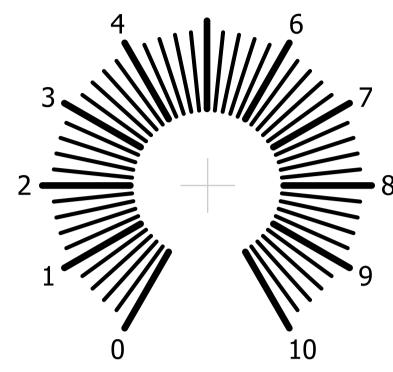
**Right Out** 

### NOISE





#### **Gate Frequency**



#### **Gate Active**

**Noise** 

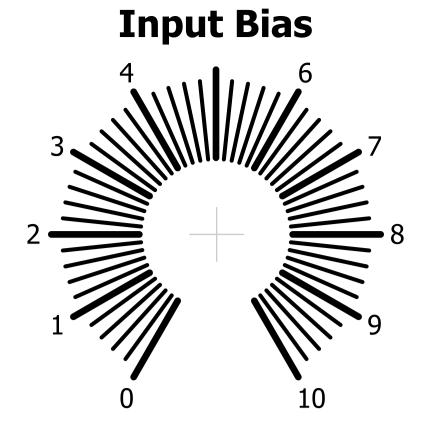
**Low-Pass** 

**Random** 

**Grain** 

High-Pass High-Pass

### QUANT



Half Fourths
In Out

**Steps** 

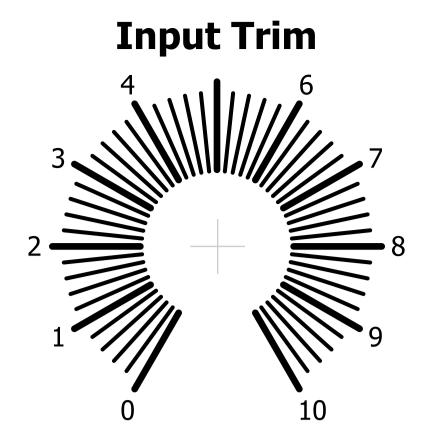
Out

**Steps** 

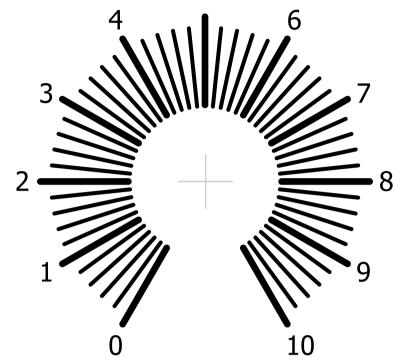
Whole

In

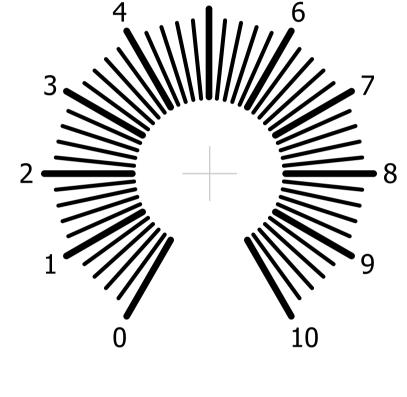
### REVERB



#### **Original Level**



#### **Reverb Level**



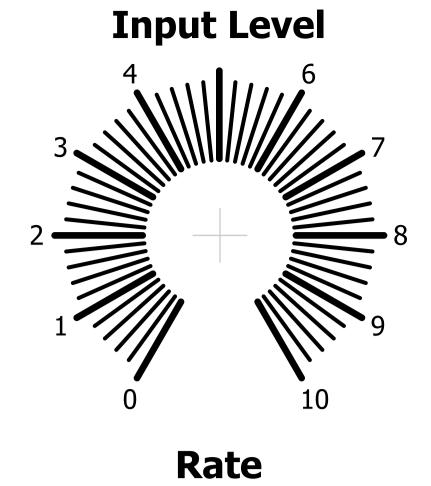
#### 1

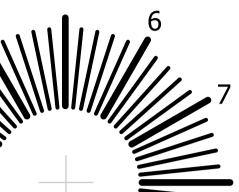
**Overload** 

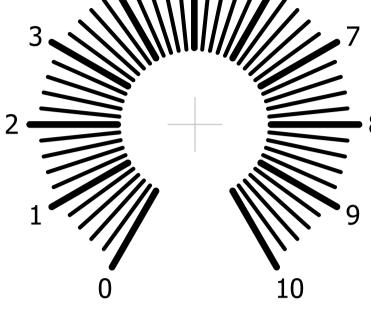
In Out

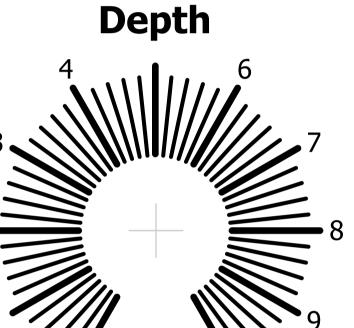
Original CV Reverb CV

### **PHASE**

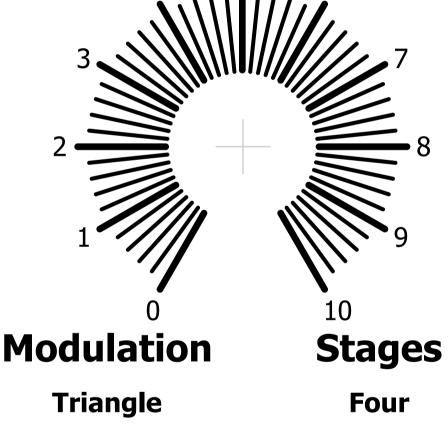












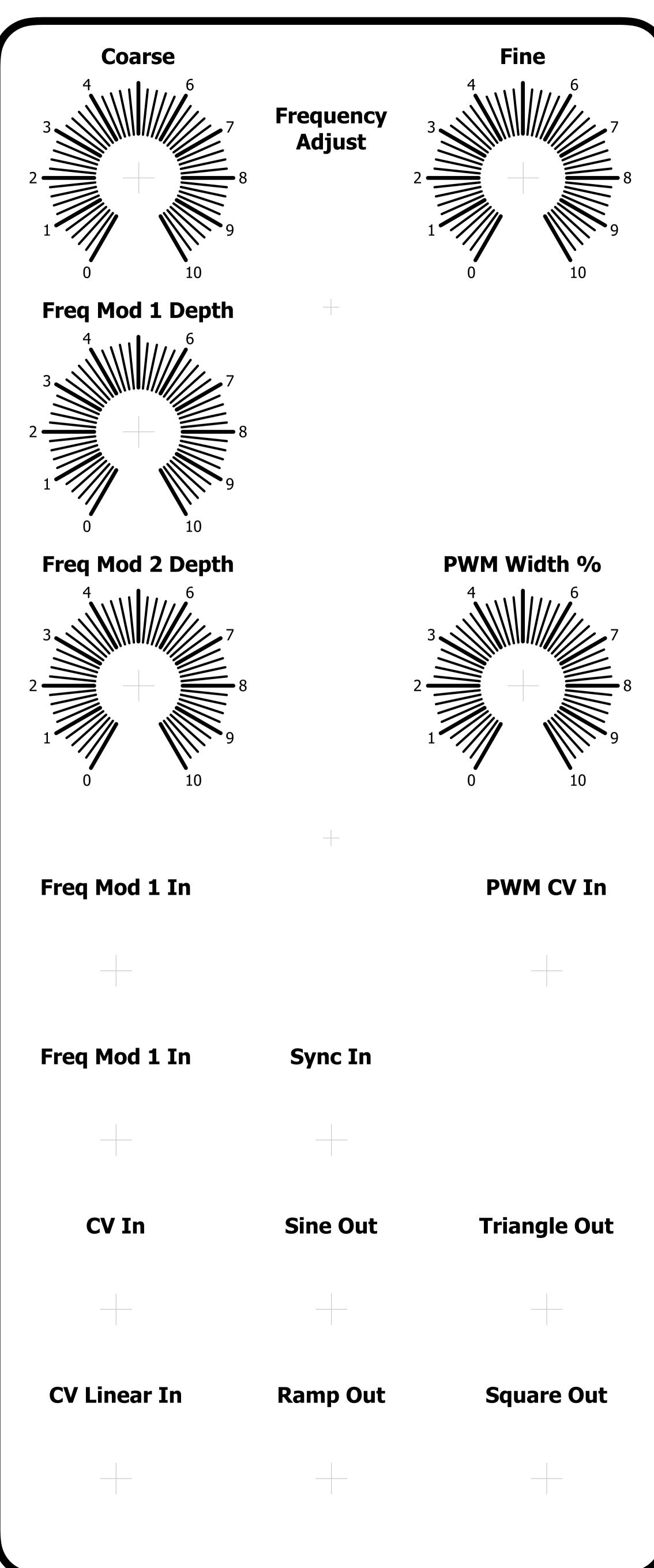
**Eight** 

Signal In Out

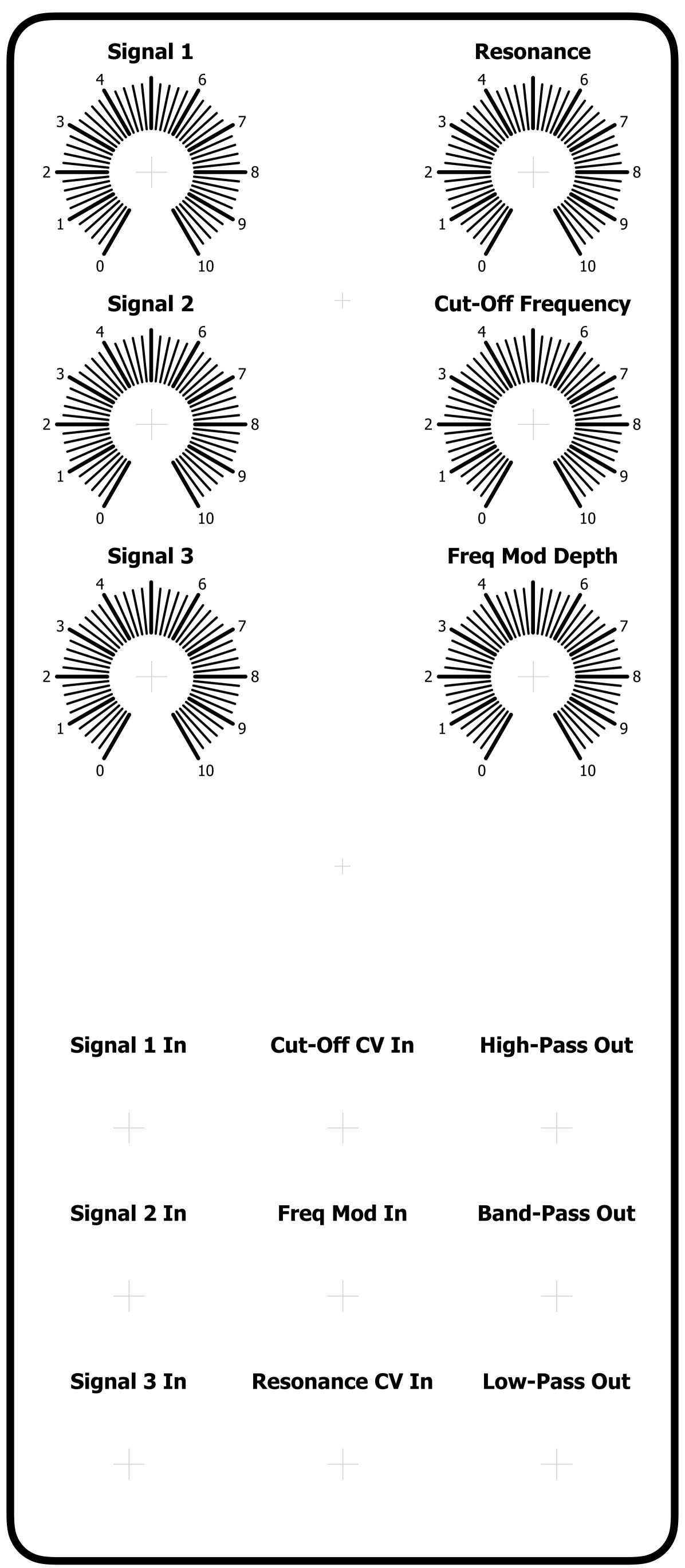
Ramp

Out **CV** In

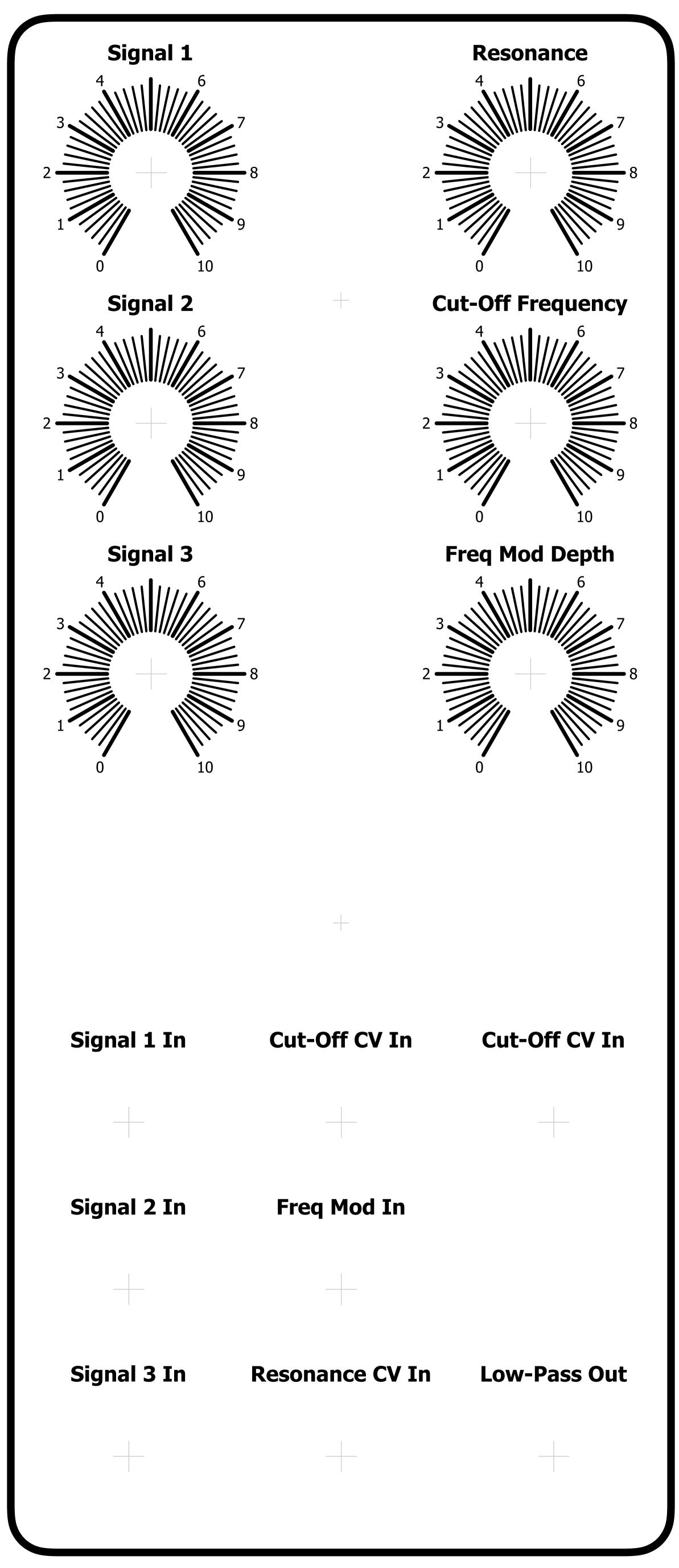
**VCO** 



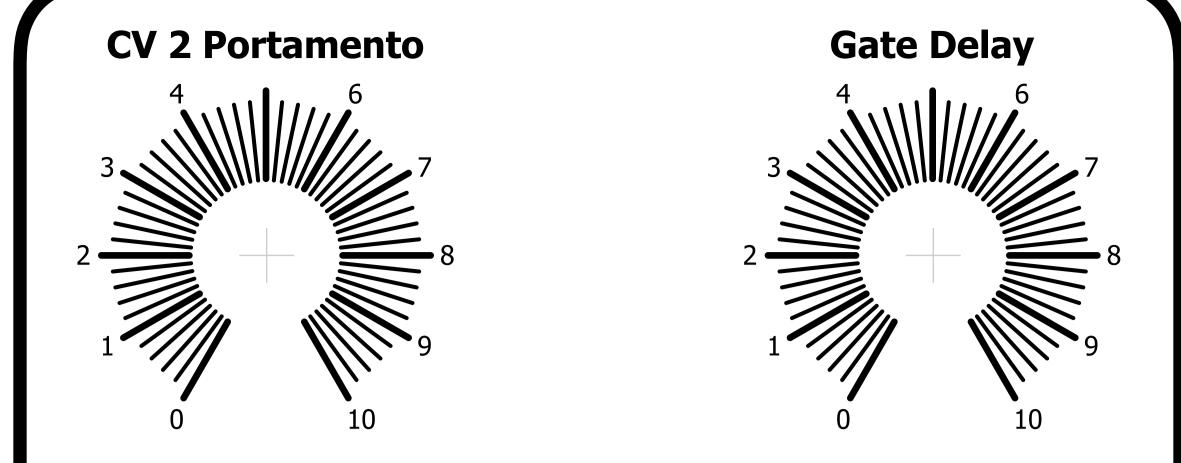
### **VCF 12**

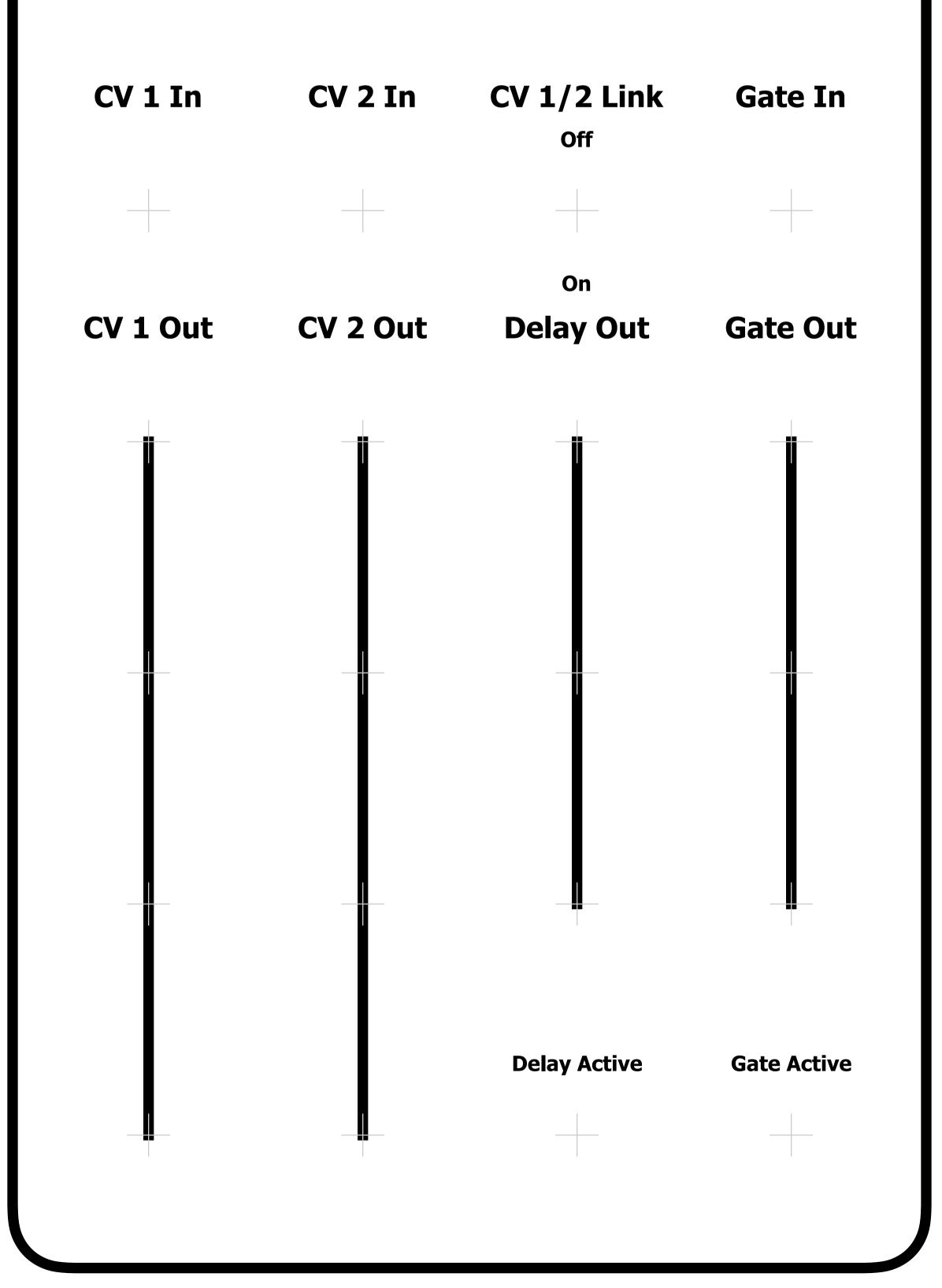


**VCF 24** 



### CV / GATE

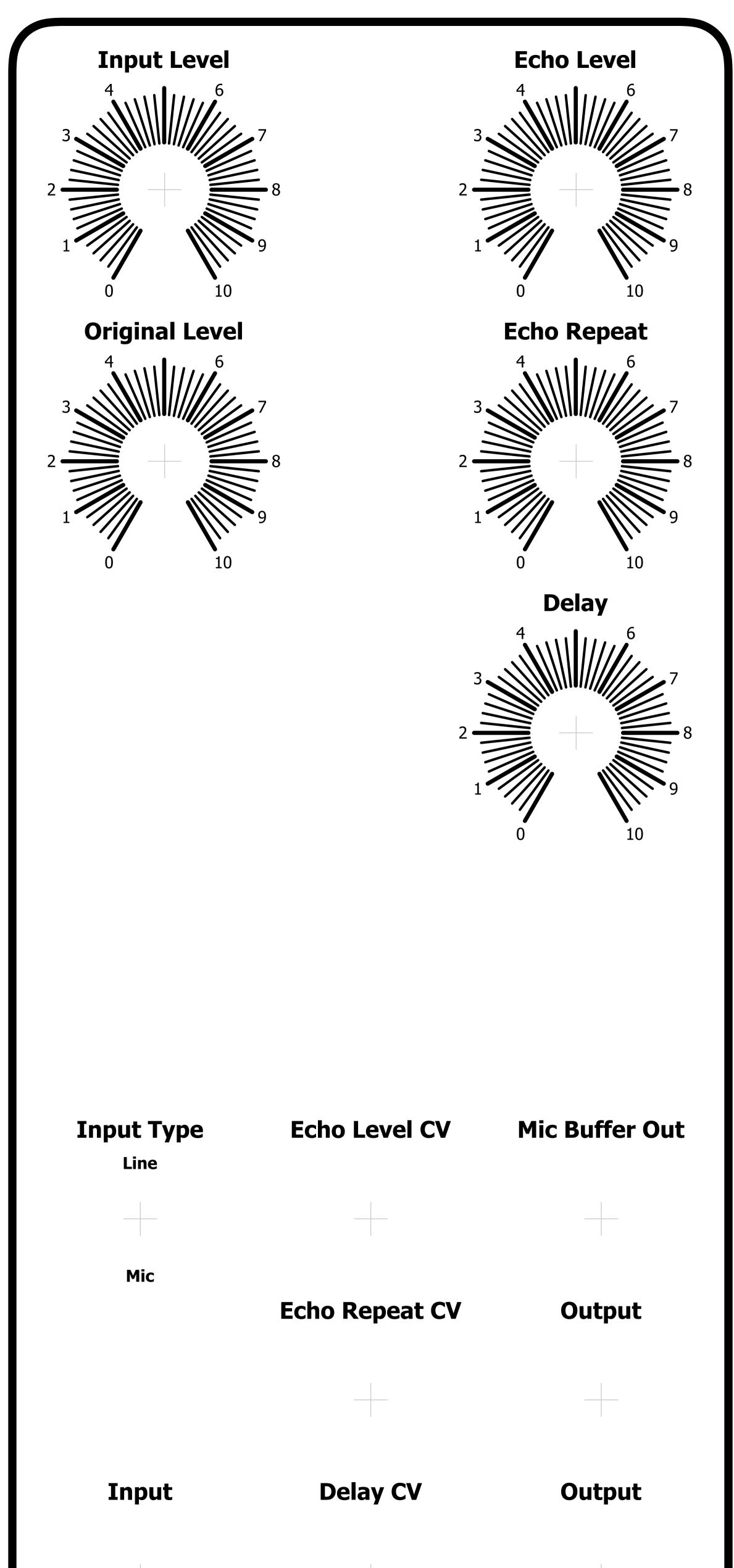




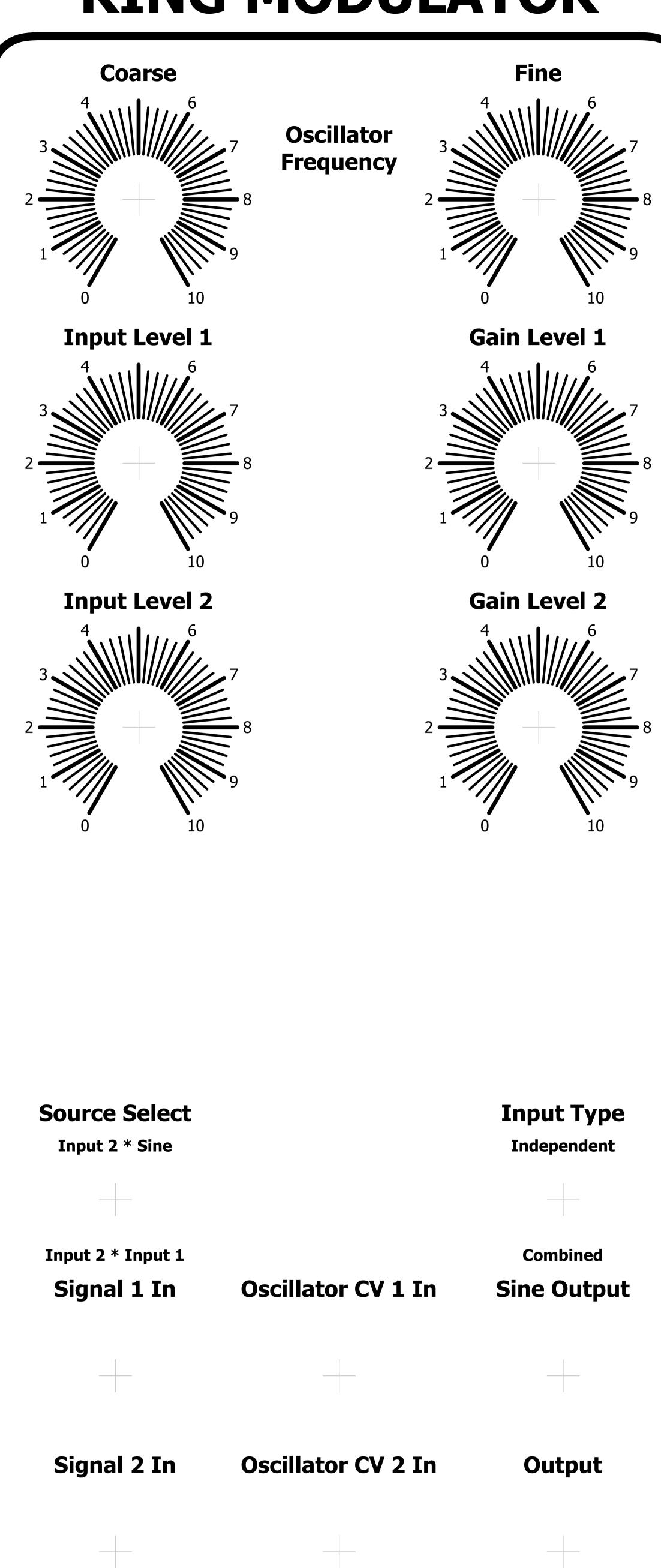
### WAVE FREAKER

## **Input Level Wave Shape Pulse Level Wave Level Sub-Oct Level Step Wave Level Sub-Sub-Oct Level Shaper Mode Active** Up **Down** Wave Shape CV 1 Step Wave CV 1 **Input** Wave Shape CV 2 Output **Step Wave CV 2**

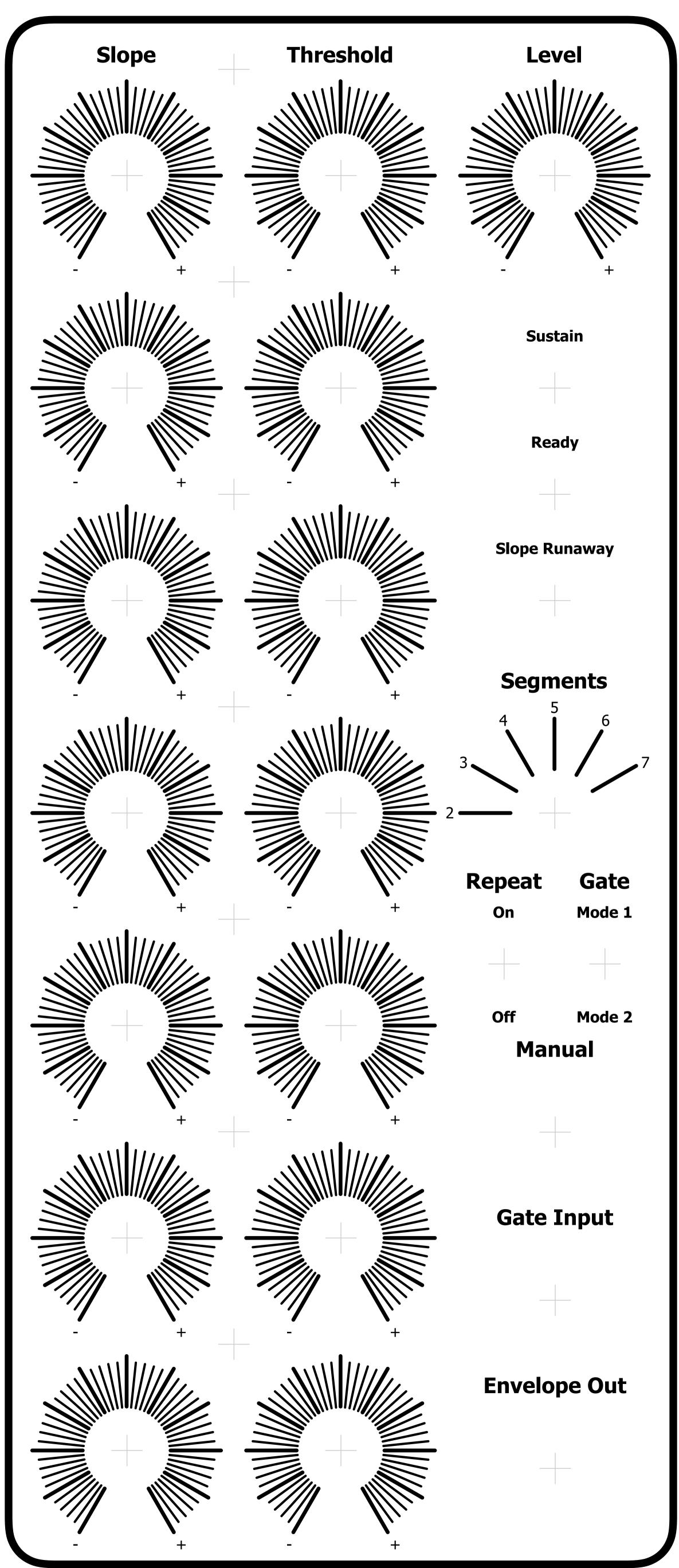
**ECHO** 



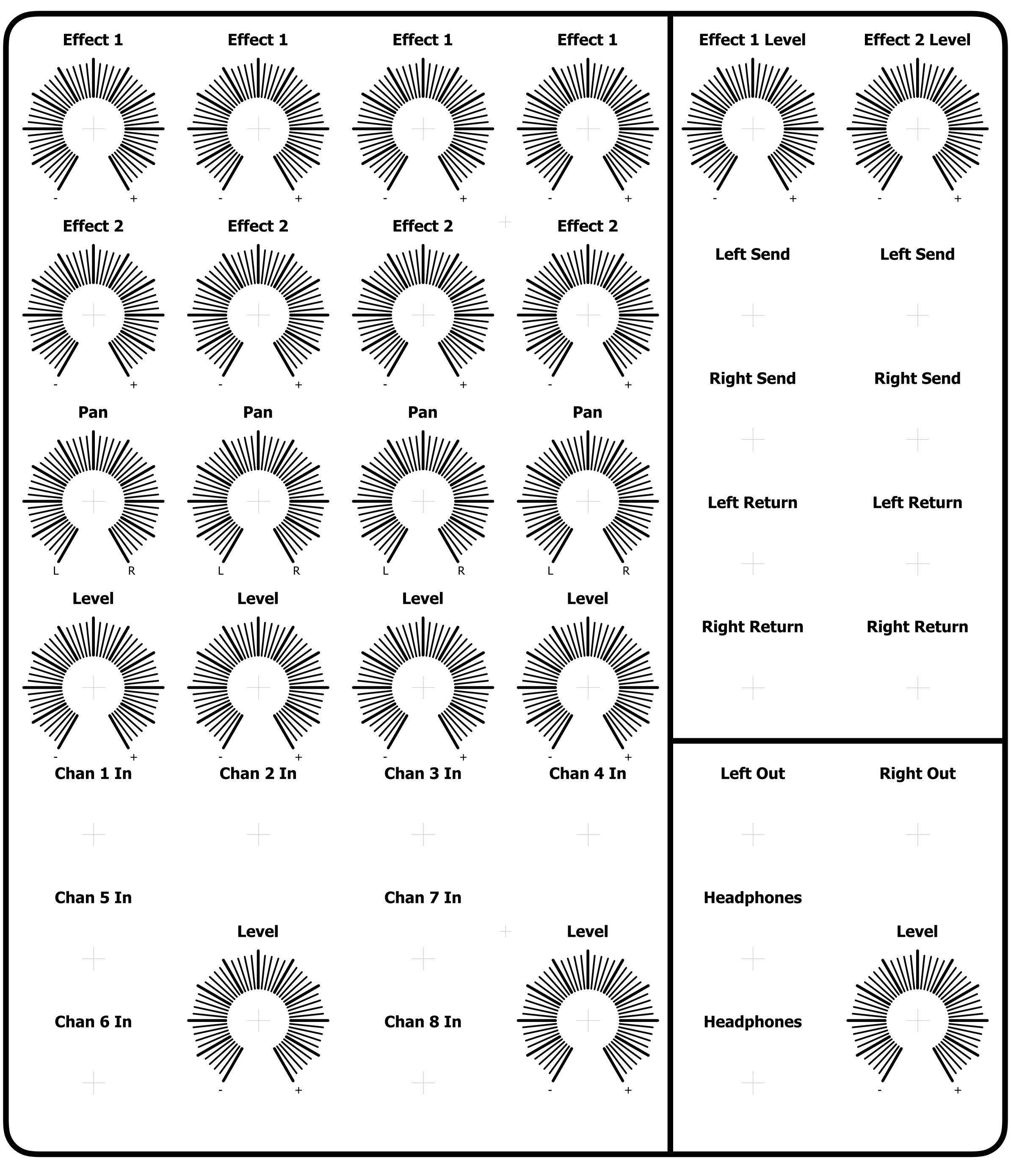
### RING MODULATOR



### 7 SEG ENVELOPE



### 4+2 **MIXER**



### 16 STEP QUANTIZED SEQUENCER

