

---

# Baronial+ Manual

SV Modular



October, 2019

## Baronial+ Users Manual



Figure 1: Baronial+

Baronial+ is an improved version of DrumKit's Baronial: a versatile envelope generator. Baronial+ contains three disparate envelope generators that are shaped from the panel, each with its own gate and output.

Baronial+ contains four envelope sections.

There is a display that presents the overall shape of the envelope for you to see as parameters are adjusted.

### **Attack**

The attack parameters control the speed in which the envelope opens fully, along with the shape of the attack. The attack shape can be either *Linear* or *Curved*.

### **Decay**

The decay parameters control the speed in which the envelope goes from the final attack voltage and the voltage level for the *Sustain* phase. The decay shape can be either *Linear* or *Curved*.

### **Sustain**

The sustain parameters control the length and voltage level of the *Sustain* phase. This acts as a plateau for the voltage between the *Decay* and *Release* phases.

### **Release**

The release parameters control the speed in which the envelope goes from the *Sustain* phase to the closure of the envelope. The release shape can be either *Linear* or *Curved*.

### **Direction**

*Direction* controls the direction of the overall envelope.

### **Attenuation**

Baronial+ includes an attenuator that allows for you to specify the *Min* and *Max* voltage of the envelope that is generated. This assumes that the input source is a BiPolar waveform ranging from -5 volts to 5

volts. If you are providing a different voltage range, be aware that the math is done assuming the input voltage range.